

**STATE OF INDIANA
INDIANA UTILITY REGULATORY COMMISSION**

VERIFIED PETITION OF SOUTHERN INDIANA GAS AND ELECTRIC COMPANY d/b/a CENTERPOINT ENERGY INDIANA SOUTH FOR: (1) APPROVAL OF AN ADJUSTMENT TO ITS ELECTRIC SERVICE RATES THROUGH ITS TRANSMISSION, DISTRIBUTION, AND STORAGE SYSTEM IMPROVEMENT CHARGE (“TDSIC”) RATE SCHEDULE; (2) AUTHORITY TO DEFER 20% OF THE APPROVED CAPITAL EXPENDITURES AND TDSIC COSTS FOR RECOVERY IN PETITIONER’S NEXT GENERAL RATE CASE; AND (3) APPROVAL OF PETITIONER’S UPDATED 7-YEAR ELECTRIC PLAN, ALL PURSUANT TO IND. CODE § 8-1-39-9.

CAUSE NO. 44910 TDSIC 11

VERIFIED PETITION

Southern Indiana Gas and Electric Company d/b/a CenterPoint Energy Indiana South (“CEI South”) requests that the Indiana Utility Regulatory Commission (“Commission”): (1) approve an adjustment to CEI South’s electric service rates through its transmission, distribution, and storage system improvement charge (“TDSIC”), to be effective November 1, 2022, or as soon thereafter as practicable, and remain in effect until replaced in a subsequent filing, in order to effectuate the timely recovery of 80% of approved capital expenditures and TDSIC costs incurred through April 30, 2022, in connection with CEI South’s eligible transmission, distribution, and storage system improvements; (2) approve CEI South’s capital expenditures and TDSIC costs incurred through April 30, 2022, and forecasted TDSIC costs, upon which the proposed new factors are based; (3) authorize CEI South to defer, as a regulatory asset, 20% of eligible and approved capital expenditures and TDSIC costs for recovery in its next general rate case; (4) approve, pursuant to Ind. Code § 8-1-39-9, an update to CEI South’s 7-year plan for eligible transmission, distribution and storage system improvements (“Updated TDSIC-11 Plan”) filed

concurrently with this *Verified Petition* and previously approved in Cause Nos. 44910 and 44910 TDSIC 10; (5) authorize CEI South to defer and recover on an interim basis 80% of eligible and approved capital expenditures and TDSIC costs in connection with the Updated TDSIC-11 Plan through the TDSIC and to defer 20% of eligible and approved capital expenditures and TDSIC costs, including depreciation and allowance for funds used during construction in connection with the Updated TDSIC-11 Plan for recovery in CEI South's next general rate case, all pursuant to Ind. Code § 8-1-39-9; and (6) approve an adjustment to CEI South's authorized net operating income to reflect any approved earnings for purposes of Ind. Code § 8-1-2-42(d)(3). In support of this *Verified Petition*, CEI South states following:

Jurisdiction, Background, and Relief Requested

1. **CEI South's corporate and operational status.** CEI South is a public electric utility incorporated under the laws of the State of Indiana with its principal office at 211 NW Riverside Drive, Evansville, Indiana. CEI South has authority to engage in, and is engaged in, the business of rendering retail electric service solely within the State of Indiana under indeterminate permits, franchises, and necessity certificates previously acquired. CEI South owns, operates, manages, and controls, among other things, plant, property, equipment, and facilities that are used and useful for the production, storage, transmission, distribution, and furnishing of electric service to approximately 150,000 electric consumers in Pike, Gibson, Dubois, Posey, Vanderburgh, Warrick, and Spencer counties.
2. **CEI South's regulated status.** CEI South is a *public utility*, as that term is defined in Ind. Code §§ 8-1-2-1(a) and 8-1-39-4, and is subject to the Commission's jurisdiction in the manner and to the extent provided by Indiana law.

This *Verified Petition* is filed under Ind. Code § 8-1-39-9, and under Ind. Code § 8-1-42(a), the Commission has jurisdiction over changes to CEI South's rates and charges for electric service.

Therefore, the Commission has jurisdiction over CEI South and the subject matter of this Cause.

3. **Background.** On February 23, 2017, CEI South filed its petition and case-in-chief in Cause No. 44910, requesting approval of its 7-Year Electric TDSIC Plan (“TDSIC Plan”). Specifically, CEI South requested that the Commission make the following findings: (1) that the projects contained in the TDSIC Plan are *eligible transmission, distribution, and storage system improvements* as defined in Ind. Code § 8-1-39-2; (2) the best estimate of the cost of the eligible improvements included in the TDSIC Plan; (3) that public convenience and necessity require or will require the eligible improvements included in the TDSIC Plan; and (4) that the estimated costs of the eligible improvements included in the TDSIC Plan are justified by incremental benefits attributable to the TDSIC Plan.

On May 18, 2017, CEI South, the Indiana Office of Utility Consumer Counselor (“OUCC”), and the then Vectren Industrial Group (collectively the “Settling Parties”) filed a Stipulation and Settlement Agreement (“44910 Settlement Agreement”) in Cause No. 44910.

On September 20, 2017, the Commission issued an Order in Cause No. 44910 (“44910 Order”), which: (1) approved the 44910 Settlement Agreement in its entirety; (2) found the projects included in CEI South's TDSIC Plan, as agreed upon in the 44910 Settlement Agreement, including substitution projects, are eligible transmission, distribution, and storage system improvements; (3) authorized CEI South to implement the TDSIC and other tariff changes to effectuate timely recovery of 80% of up to \$446.5 million of eligible and approved capital expenditures and TDSIC costs; (4) authorized deferral, and later recovery, of 20% of eligible and approved capital expenditures and TDSIC costs; (5) authorized allocation of the costs associated with the TDSIC Plan in the manner described in the 44910 Settlement Agreement, as well as recovery of a portion of distribution-related TDSIC costs from residential and small commercial

customers through a fixed, monthly charge; (6) authorized deferral of depreciation expense and post-in-service carrying costs associated with the Automated Metering Infrastructure (“AMI”) project for recovery in CEI South's subsequent general rate case; and (7) authorized CEI South to adjust its authorized net operating income to reflect any approved earnings associated with the TDSIC.

The Commission approved updates to CEI South’s TDSIC Plan in Cause No. 44910, to include CEI South’s semi-annual TDSIC 1 through TDSIC 10 cases. In these Orders, the Commission authorized CEI South to implement TDSIC factors to effectuate the timely recovery of 80% of approved capital expenditures for TDSIC projects and defer 20% of costs incurred in CEI South’s next general rate case.

4. Relief requested. Pursuant to Ind. Code § 8-1-39-9(a) and (b) and the terms of the 44910 Order, CEI South requests the following in this proceeding:

- approval of revised TDSIC factors to effectuate the timely recovery of 80% of approved capital expenditures and TDSIC costs incurred through April 30, 2022, effective for bills during the first billing cycle starting November 1, 2022, or as soon thereafter as practical, and remaining in effect until replaced by TDSIC factors approved in a subsequent filing;
- approval of capital expenditures and TDSIC costs incurred through April 30, 2022, and of forecasted TDSIC costs upon which the proposed new factors are based;
- authority to defer, as a regulatory asset, 20% of eligible and approved capital expenditures and TDSIC costs for recovery in CEI South’s next general rate case;
- approval of the Updated TDSIC-11 Plan, filed concurrently with this *Verified Petition*;
- interim deferral and recovery of 80% of eligible and approved capital expenditures and TDSIC costs in connection with the Updated TDSIC-11 Plan through the TDSIC and deferral of 20%

of eligible and approved capital expenditures and TDSIC costs, including depreciation and allowance for funds used during construction in connection with the Updated TDSIC-11 Plan for recovery in CEI South's next general rate case; and

- approval of an adjustment to CEI South's authorized net operating income to reflect any approved earnings for purposes of Ind. Code § 8-1-2-42(d)(3).

5. **TDSIC Plan.** In accordance with Ind. Code § 8-1-39-9(a)(2), a redacted version of CEI South's current TDSIC Plan is attached to this petition as Attachment No. 1. In accordance with Ind. Code § 8-1-39-9(a), a redacted version of CEI South's Updated TDSIC-11 Plan is also attached to this petition as Attachment No. 2.
6. **Confidentiality.** CEI South's current TDSIC Plan and Updated TDSIC-11 Plan include confidential information, which is the subject of a separate motion for protection of confidential information. Public versions of the exhibits, which redact the confidential information, are included with this submission. Unredacted versions of the exhibits will be provided to the Commission upon issuance of a docket entry or Commission order which protects the confidential information from public disclosure.
7. **Supporting schedules.** CEI South's schedules showing the calculations underlying the proposed capital and expense revenue requirement related to eligible TDSIC costs incurred through April 30, 2022, are attached to this petition as Attachment No. 3.

A clean and red-lined version of Appendix K, the Transmission, Distribution and Storage System Improvement Charge, reflecting the revised TDSIC factors to become effective for bills during the first billing cycle starting November 1, 2022, or as soon thereafter as practicable, is attached to this petition as Attachment No. 4.

8. **Effects on customers.** In accordance with Ind. Code § 8-1-39-9(a)(3), the projected effects of the

revised TDSIC factors on retail rates and charges are attached to this petition as Attachment No. 5.

- 9. Compliance with TDSIC statute.** In accordance with Ind. Code § 8-1-39-9(a), a copy of this *Verified Petition* is being provided to the OUCC.

In accordance with Ind. Code § 8-1-39-9(c), CEI South is not filing this Verified Petition within nine months after the date on which the Commission issued an order changing CEI South's basic rates and charges.

In accordance with Ind. Code § 8-1-39-9(d), CEI South will petition the Commission for review and approval of its electric basic rates and charges before the expiration of its TDSIC Plan.

In accordance with Ind. Code § 8-1-39-9(e), CEI South has not filed a petition under Ind. Code § 8-1-39-9 within the last six months.

In accordance with Ind. Code § 8-1-39-9(f), as part of its TDSIC Plan Update, CEI South has, in its case-in-chief, provided specific justification for, and requests specific Commission approval of, actual and proposed estimated capital expenditures and TDSIC costs that exceed the agreed-to amounts approved in the 44910 Order.

In accordance with Ind. Code § 8-1-39-14(a), CEI South's proposed TDSIC factors will not result in an average aggregate increase in CEI South's total retail revenue of more than 2% in a 12-month period.

- 10. Tax Cuts and Jobs Act of 2017 (the "Act").** As part of its filing in Cause No. 44910 TDSIC 3, CEI South included an adjustment to its electric rates to reflect the impact of the Act consistent with the Stipulation and Settlement Agreement between CEI South, the OUCC, and the Industrial Group, which was approved in Consolidated Cause Nos. 45032 S14 and 45032 S21 (August 29, 2018). In this proceeding, CEI South will continue to incorporate such an adjustment to its rates

in accordance with the Stipulation and Settlement Agreement and Order in Consolidated Cause Nos. 45032 S14 and 45032 S21, as well as the Orders in Cause No. 44910, to include CEI South's semi-annual TDSIC 3 through TDSIC 10 cases.

- 11. Applicable law.** CEI South considers the provisions of the Public Service Commission Act, as amended, including Ind. Code §§ 8-1-2-23 and 8-1-2-42(a) and Ind. Code ch. 8-1-39, among others, to be applicable to the subject matter of this proceeding and believes that such statutes provide the Commission authority to approve the requested relief. In compliance with the Commission's General Administrative Order ("GAO") 2020-05 issued December 29, 2020, the following table represents the estimated percentage increase/(decrease) in rates, inclusive of (over)/under recovery variance, Excess Accumulated Deferred Income Tax Credit:

Rate Schedule	Description	Rate per Customer per Month	Rate per kWh	Rate per kW/kVa
Rate RS	Residential Service	10.00%	32.45%	
Rate B	Water Heating Service	9.57%	7.73%	
Rate SGS	Small General Service	10.00%	22.83%	
Rate DGS/MLA	Demand General Service / Municipal Levee Authority			10.48%
Rate OSS	Off-Season Service			43.47%
Rate LP	Large Power Service			0.30%
Rate LP - TVD	Large Power Service - Transmission Voltage Discount			3.50%
Rate BAMP	Backup, Auxiliary, and Maintenance Power Services			8.14%
Rate HLF	High Load Factor Service			828.28%
Rate SL/OL	Street Lighting / Outdoor Lighting	14.06%		

The calculation of the percentages listed above are shown on Petitioner's Exhibit No. 3, Attachment MAR-1, Schedule 3. CEI South is proposing a cost recovery of \$27,306,509, as shown on Petitioner's Exhibit No. 2, Attachment CMB-1, Line 16.

Procedural Information and Prayer for Relief

12. **Counsel of record.** CEI South's counsel of record, who are duly authorized to receive pleadings in this Cause are:

Heather Watts, Atty. No. 35482-82
Jeffery A. Earl, Atty. No. 27821-64
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13. **Books and records.** The books and records of CEI South supporting its data and calculations are kept in accordance with the Uniform System of Accounts for Electric Utilities prescribed by the Commission and are available for inspection and review by the OUCC and the Commission.
14. **Proposed procedural schedule.** CEI South requests that the Commission approve the following procedural schedule, which is consistent with procedural schedules in prior TDSIC proceedings.

Date	Event
October 3, 2022	OUCC/Intervenors File Case-in-Chief
October 14, 2022	CEI South's Rebuttal Testimony
Week of October 24, 2022	Hearing
November 7, 2022	CEI South Submits Proposed Order
November 14, 2022	OUCC/Intervenors Submit Proposed Order
November 21, 2022	CEI South Submits Reply to Proposed Orders

Indiana Code § 8-1-39-12 provides that (a) not more than ninety (90) days after a public utility files a petition under Ind. Code § 8-1-39-9, the Commission shall conduct a hearing and issue an order on the petition; and (b) not more than sixty (60) days after a public utility files a petition under Ind. Code § 8-1-39-9, the OUCC and other intervenors, if any, may: (1) examine the information to confirm that the proposed transmission, distribution, and storage system improvements comply with Ind. Code ch. 8-1-39; and (2) report its findings to the Commission.

While CEI South is entitled to issuance of an order within ninety (90) days, CEI South is proposing a schedule that affords the Commission one hundred and twenty (120) days. To avoid financial harm to CEI South caused by agreeing to an additional thirty (30) days for this proceeding, CEI South proposes that the month of November 2022 will be reconciled to the authorized revenue requirement ultimately approved in TDSIC 11, with any variances recovered in subsequent TDSIC proceedings (in this case, TDSIC 13).

15. Prayer for relief. CEI South respectfully requests that the Commission:

- A.** Promptly publish notice, make such investigation, and hold hearings as are necessary or advisable and Issue a Final Order in this Cause which:
- B.** Approves the revised TDSIC factors set forth in Appendix K, the Transmission, Distribution, and Storage System Improvement Charge, to effectuate the timely recovery of 80% of approved capital expenditures and TDSIC costs incurred through April 30, 2022, to be applicable and made effective for bills rendered during the first billing cycle, beginning November 1, 2022, or as soon thereafter as practicable, and remain in effect until replaced by different TDSIC factors approved in a subsequent filing;
- C.** Approves the capital expenditures and TDSIC costs incurred through April 30, 2022, and the forecasted TDSIC costs upon which the proposed factors are based;
- D.** Authorizes CEI South to defer, as a regulatory asset, 20% of eligible and approved capital expenditures and TDSIC costs for recovery in CEI South's next general rate case;
- E.** Approves CEI South's Updated TDSIC-11 Plan, filed concurrently with this Petition;
- F.** Approves the interim deferral and recovery of 80% of eligible and approved capital expenditures and TDSIC costs in connection with the Updated TDSIC-11 Plan through the TDSIC and deferral of 20% of eligible and approved capital expenditures and TDSIC costs, including

depreciation and allowance for funds used during construction, in connection with the Updated TDSIC-11 Plan for recovery in its next general rate case; and

G. Approves CEI South's request for an adjustment to its authorized net operating income to reflect any approved earnings for purposes of Ind. Code § 8-1-2-42(d)(3).

Respectfully submitted,
SOUTHERN INDIANA GAS AND ELECTRIC COMPANY D/B/A
CENTERPOINT ENERGY INDIANA SOUTH

BY: 

Heather Watts, Atty. No. 35482-82

Jeffery A. Earl, Atty. No. 27821-64

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VERIFICATION

I affirm under penalties for perjury that the foregoing representations are true to the best of my knowledge, information, and belief.

A handwritten signature in cursive script, reading "Stephen R. Rawlinson", written over a horizontal line.

Stephen R. Rawlinson
Director, Electric Engineering

Dated: August 1, 2022

CERTIFICATE OF SERVICE

I certify that on August 1, 2022, this *Verified Petition* was filed with the Indiana Utility Regulatory Commission using the Commission's electronic filing system and was served on the parties below by electronic mail.

Indiana Office of Utility Consumer Counselor

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Jeffery A. Earl, Atty. No. 27821-64

ATTACHMENT NO. 1

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Drake/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/2021	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (5/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13501073	17585401E56252	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	3 Phase circuit Tie along Middle Mt Vernon	2017	2017						0%				-93%	Y		Additional labor and material required for protective devices that were not in initial estimate. Field review of terrain and circuit layout determined need for these devices which will provide better coordination and isolation in smaller areas resulting in better reliability
13501864	17585401E56254	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	3Phase circuit Tie along Redbank Road	2017	2017						0%				-49%	Y		Additional labor for traffic control was required due to very heavy traffic in the area
13311296	17585401E56232	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Kasson circuit rebuild along Redbank Phase I	2017	2017						0%				-16%	Y		
14008835	17585601E56212	Elec System Improve - Distr TDSIC	Boonville	Newburgh	12KV Circuit Rebuilds and Looping	Castle 1 reconductor-between Vann Rd and Oak Grove Rd	2017	2017						0%				-6%	Y		
13501118	17585401E56259	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	3Phase circuit Tie Boehne Camp Road	2017	2017						0%				-34%	Y		Additional labor was required for line clearance due to some thicker vegetation in certain areas and for traffic control due to heavier traffic
14025986	17585501E56216	Elec System Improve - Distr TDSIC	Francisco	Winslow	12KV Circuit Rebuilds and Looping	Replacement ACE Sectionalizer At Blackfoot	2017	2017						0%				10%	Y		
13501934	17585501E56223	Elec System Improve - Distr TDSIC	Mt. Vernon	Evansville	12KV Circuit Rebuilds and Looping	3PH Tie between Union Twp. Marrs McDowell	2017	2017						0%				4%	Y		
12925298	17585601E56214	Elec System Improve - Distr TDSIC	Rockport	Rockport	12KV Circuit Rebuilds and Looping	Relocate over head single phase for access and reliability	2017	2017						0%				15%	Y		
14097073	17585501E56218	Elec System Improve - Distr TDSIC	Francisco	Winslow	12KV Circuit Rebuilds and Looping	Window circuit upgrade to Support Glezen Load	2017	2017						0%				3%	Y		
13501927	17585501E56217	Elec System Improve - Distr TDSIC	Francisco	Stendel	12KV Circuit Rebuilds and Looping	STENDAL circuit 3PH replace copper Phase I	2017	2017						0%				12%	Y		
13716643	17585401E56224	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Foundation circuit Load Balance	2017	2017						0%				29%	Y		Labor was less due to unneeded traffic control
13736610	17585401E56250	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Ruston circuit-Old circuit out of VWP Substa	2017	2017						0%				-32%	Y		Additional labor was required due to the complexity of the circuit exits and coordination issues with a new customer in-service date. This drove inefficiencies, and extra crew and overtime to meet the customer in-service date
13505961	17585601E56224	Elec System Improve - Distr TDSIC	Boonville	Rockport	12KV Circuit Rebuilds and Looping	TENNYSON circuit 3PH replace copper Phase I	2017	2017						0%				0%	Y		
13505929	17585601E56223	Elec System Improve - Distr TDSIC	Rockport	Rockport	12KV Circuit Rebuilds and Looping	ROSE HILL circuit 3PH replace copper conductor	2017	2017						0%				-11%	Y		
13611078	17585401E56233	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Kasson circuit Rebuild along Redbank Phase II	2017	2017						0%				-12%	Y		
13617418	17585401E56268	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Lodge Ave and Riverside Dr circuit Tie upgrade	2017	2017						0%				-29%	Y		Labor costs were greater than estimated. An additional three days of work were required to complete the project
13614701	17585401E56257	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Lawndale and Greencove Ckt Tie upgrade	2017	2017						0%				-19%	Y		
13089512	17585401E56272	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Marx Road circuit upgrade	2017	2017						0%				-3%	Y		
13505939	17585501E56224	Elec System Improve - Distr TDSIC	Francisco	Stendel	12KV Circuit Rebuilds and Looping	STENDAL circuit 3PH replace copper Phase II	2017	2017						0%				14%	Y		
13501030	17585401E56267	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Along 2125 Lexington Rd 3Phase circuit Tie	2017	2017						0%				14%	Y		
13703553	17585401E56266	Elec System Improve - Distr TDSIC	Evansville	Newburgh	12KV Circuit Rebuilds and Looping	Hwy 662 circuit and Lockwood Ln circuit Tie upgrade	2017	2017						0%				-14%	Y		
13505932	17585501E56226	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	3884 Cameron Dr - Move OH line to Rd	2017	2017						0%				55%	Y		Labor costs were less than estimated due to the utilization of internal construction resources and less traffic control was needed. Estimate assumed external contract construction labor
13498600	17585401E56214	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Parrett St circuit CONV (Mulberry Sub) Ph I	2017	2017						0%				-121%	Y		Added two switchgear and 3,750 ft. of primary with conduit for an additional circuit tie to a different substation. This provides a more robust underground system for Evansville's recent and projected downtown growth
13501790	17585401E56213	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Delaware Pump circuit CONV (Pigeon Creek Sub)	2017	2017						0%				-50%	Y		Additional material and labor was needed to bore in new conduit. Due to extreme depth of old facilities, could not use existing conduit for new circuit
13817172	17585401E56216	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Parrett St circuit CONV (Mulberry Sub) Ph III	2017	2017						0%				-15%	Y		
13819501	17585401E56215	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Park St circuit CONV (Pigeon Creek Sub) Ph I	2017	2017						0%				-10%	Y		
13693734	17585401E56221	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Cass Ave circuit CONV (Riverside Sub) Ph I	2017	2017						0%				7%	Y		
13498646	17585401E56231	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Parrett St circuit CONV (Mulberry Sub) Ph II	2017	2017						0%				13%	Y		
13963395	17585401E56217	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Park St circuit CONV (Pigeon Creek Sub) Ph II	2017	2017						0%				-10%	Y		
13506637	17585401E56241	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Seventh Ave 4kv circuit CONV (Pigeon Creek Sub) Ph I	2017	2017						0%				-50%	Y		Additional material cost to upgrade approximately 850 ft. of existing conductor to E36AAC to provide contingency support for surrounding industrial and residential customers. Growth of the industrial customers was not known at time of the original estimate, causing load changes in the system. Additional 250 ft. of UG facilities was required to be relocated to remove an existing transformer from inside of an apartment complex to outside the building. These activities added additional labor and material to project
13710800	17585401E56263	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Seventh Ave 4kv circuit CONV (Pigeon Creek Sub) Ph II	2017	2017						0%				-20%	Y		Additional labor was required for line clearance in alleys
13743088	17585401E56253	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Cass Ave circuit CONV (Riverside Sub) Ph II	2017	2017						0%				-14%	Y		
13971295	17585401E56264	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Cass Ave circuit CONV (Riverside Sub) Ph III	2017	2017						0%				-1%	Y		
13993909	17585401E56013	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2017- Distribution Automation #1 Redbank and Hague circuit	2017	2017						0%				-36%	Y		Additional labor required for pre and post construction testing of material and communication paths. Additional labor due to a change in construction for two additional gang operated air break switches to be replaced. Actual cost for non-stock material was more than estimated

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Draco/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (6/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13996900	17585401E56012	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2017 Distribution Automation #2- Peerless Rd -Rosenberger and McDowell Rd	2017	2017						0%					-16%	Y	Difficulty with establishing communications path causing late charges for commissioning the SCADA facilities
13501028	17585601E56217	Elec System Improve - Distr TDSIC	Boonville	Newburgh	Distribution Capacitor Replacements	Heritage circuit-capacitor upgrade	2017	2017						0%					-2%	Y	
13503772	17585501E56219	Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	Distribution Capacitor Replacements	MONTGOMERY circuit -capacitor upgrade	2017	2017						0%					9%	Y	
13509335	17585501E56220	Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	Distribution Capacitor Replacements	FORT BRANCH circuit -capacitor upgrade	2017	2017						0%					8%	Y	
13509340	17585501E56210	Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	Distribution Capacitor Replacements	King 1 circuit-capacitor upgrade	2017	2017						0%					-29%	Y	Additional material cost for adding two controllers to the project to complete a better communication path necessary for capacitor operation
13501943	17585401E56229	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Wadewille circuit - capacitor upgrade	2017	2017						0%					10%	Y	
13488513	17585501E56221	Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	Distribution Capacitor Replacements	DOUGLAS ST circuit -capacitor upgrade	2017	2017						0%					-13%	Y	
13504194	17585501E56212	Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	Distribution Capacitor Replacements	Heston circuit-capacitor upgrade	2017	2017						0%					18%	Y	
13509122	17585501E56213	Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	Distribution Capacitor Replacements	Princeton Farms circuit-capacitor upgrade	2017	2017						0%					23%	Y	labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13970288	17202701E18013	Elec Substation - Trans TDSIC	Evansville	Evansville	Instrument Transformer Replacements	Northeast PT replacements	2017	2017						0%					23%	Y	Labor cost was less due to use of internal crews resulting in significant cost savings. Estimate assumed external contract labor
14296722	17202701E18022	Elec Substation - Trans TDSIC	Evansville	Evansville	Instrument Transformer Replacements	AB Brown Bus PT Replacements	2017	2017						0%					70%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
14039189	16202701E58012	Elec System Improve - Trans TDSIC	Evansville	Evansville	Optical Ground Wire	OPGW - NW to Brown (295-296) 12.6mi.	2017	2017						0%					-121%	Y	Material and labor costs are higher than estimated due to 28 additional structures that needed to be replaced based on final design. Prior design assumptions did not include replacement of structures in OPGW projects. The new design methodology results in more accurate modeling following industry best practices. This methodology identified the need for more structure replacements
14039153	16202701E58011	Elec System Improve - Trans TDSIC	Evansville	Evansville	Optical Ground Wire	OPGW - Bergdolt to NW (283_295) 8.3mi.	2017	2017						0%					-36%	Y	Additional costs for a laydown yard at Northwest substation and additional fiber conduits for substation integration on communications. Rail Road permits were much higher than estimated due to parallel crossing fee from CSX
13626457	16202701E58013	Elec System Improve - Trans TDSIC	Boonville	Newburgh	Optical Ground Wire	OPGW - Pelzer to F8 Culley (Y56_Z81) 5.0 mi.	2017	2017						0%					-27%	Y	Labor costs were higher due to construction bids greater than estimated. Material and labor costs were also increased due to the addition of 4 structures replaced based on final design using new design methodology. There was also additional labor associated to timber matting for site access due to weather conditions and additional fiber conduits for substation communication integration
13626466	16202701E58014	Elec System Improve - Trans TDSIC	Rockport	Rockport	Optical Ground Wire	OPGW - Chrisney to Newtonville (Y56) 9.0 mi.	2017	2017						0%					-86%	Y	Material and labor costs are higher than estimate due to 39 additional structures that needed to be replaced based on final design. Prior design assumptions did not include replacement of structures in OPGW projects. The new design methodology results in more accurate modeling following industry best practices. This methodology identified the need for more structure replacements
14156983	5854E56001	Elec System Improve - Distr TDSIC		Various	PCB Transformer Replacements	PCB transformers replacement- 2017	2017	2017						0%					-10%	Y	
14080673	17202701E16022	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrestor Replacements	Replace arresters: COUNTY LINE- transformer high and low side- Porcelain-Brown	2017	2017						0%					44%	Y	Engineering completed internally leading to cost savings. Construction costs were also less due to using internal labor
13970637	17202701E16046	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Battery System Replacements	Charger Replacement	2017	2017						0%					50%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
13970636	17202701E16021	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Battery System Replacements	Charger Replacement	2017	2017						0%					66%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
14034372	17202701E16045	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Battery System Replacements	Charger Replacement	2017	2017						0%					52%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
13970642	17202701E16047	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Battery System Replacements	Battery Replacement	2017	2017						0%					58%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
13684766	17202701E18025	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Battery System Replacements	Battery replacement	2017	2017						0%					10%	Y	
13625683	17202701E18021	Elec Substation - Trans TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	REPLACE CULLEY 138KV OCB 2488 2588 2899	2017	2017						0%					23%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
14035126	17202701E18012	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	MOUNT VERNON MAIN 188 - 4859636	2017	2017						0%					7%	Y	
14285447	17202701E16031	Elec Substation - Distr TDSIC	Evansville	Newburgh	Substation Circuit Breaker Replacements	GRIMM ROAD 2299 and 2199	2017	2017						0%					2%	Y	
13626363	17202701E16017	Elec Substation - Distr TDSIC	Francisco	Ft. Branch	Substation Circuit Breaker Replacements	Kings Sub ABS 177 277 and 500 replacement	2017	2017						0%					28%	Y	Labor and Material cost was less due to the 177 switch did not need to be replaced. This changed the scope of work from 3 to 2 switches
14035093	17202701E18027	Elec Substation - Trans TDSIC	Rockport	Rockport	Substation Circuit Breaker Replacements	GRANDVIEW 1288 - 4852156	2017	2017						0%					24%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor. The relay work was more efficiently done at the same time as the Grandview transformer relay work
13684712	17202701E16023	Elec Substation - Distr TDSIC	Francisco	Winslow	Substation Transformer Replacements	Winslow Sub and Transformer replacement (20 MVA)	2017	2017						0%					44%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor. Material costs were also less than estimated
13626389	17202701E16011	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Supervisory Control and Data Acquisition Upgrades	Distribution SCADA - NEW HARM	2017	2017						0%					30%	Y	Engineering completed internally leading to cost savings. Construction costs were less due to multiple projects being awarded to a single construction contractor resulting in labor efficiency
13626414	17202701E16012	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Supervisory Control and Data Acquisition Upgrades	Distribution SCADA - Point Dist.	2017	2017						0%					27%	Y	Engineering completed internally leading to cost savings. Construction costs were less due to multiple projects being awarded to a single construction contractor resulting in labor efficiency
13625698	17202701E16013	Elec Substation - Distr TDSIC	Rockport	Dale	Supervisory Control and Data Acquisition Upgrades	Distribution SCADA - Dale	2017	2017						0%					18%	Y	
13684707	17202701E18014	Elec Substation - Trans TDSIC	Francisco	Winslow	Supervisory Control and Data Acquisition Upgrades	Winslow RTU C_O	2017	2017						0%					48%	Y	Labor cost was less due to use of internal crews resulting in significant cost savings
14028921	17202701E16018	Elec Substation - Distr TDSIC	Boonville	Boonville	Supervisory Control and Data Acquisition Upgrades	Distribution SCADA - Vigo	2017	2017						0%					-12%	Y	
14039035	17202701E18030	Elec Substation - Trans TDSIC	Boonville	Newburgh	Supervisory Control and Data Acquisition Upgrades	Microwave Replace (Wagner-Yankeetown)	2017	2017						0%					30%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor. Material cost for the radio equipment was less than estimated

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Draco/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (5/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
14039012	17202701E16024	Elec Substation - Trans TDSIC	Boonville	Newburgh	Supervisory Control and Data Acquisition Upgrades	Microwave Tower Upgrades	2017	2017						0%		A change in scope due to original estimate including O&M (maintenance) items that were removed from the project which brought overall cost down. Work scope was reduced		48%	Y		
13625674	17202701E18023	Elec Substation - Trans TDSIC	Mt. Vernon	Evanville	Supervisory Control and Data Acquisition Upgrades	AB Brown GT #1 RTU C_O	2017	2017						0%		Labor costs were less due to utilizing internal engineering. There were additional labor saving due to contractor bid less than estimate		58%	Y		
13626298	17202701E16019	Elec Substation - Distr TDSIC	Evanville	Evanville	System Protection Relay Upgrades	AutoSect - Devon Y51-2	2017	2017						0%		Additional labor and material was required to add a vacuum interrupter not identified in original estimate.		-20%	Y		
13626365	17202701E16025	Elec Substation - Distr TDSIC	Evanville	Evanville	System Protection Relay Upgrades	Relay replacement-Louis Allis all 4 Circuits	2017	2017						0%		Implemented new relays with technology that reduced engineering, material and construction costs		70%	Y		
13626415	16202701E18011	Elec Substation - Trans TDSIC	Rockport	Holand	System Protection Relay Upgrades	Relay replacement- St Henry capacitor Bank	2017	2017						0%		Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor		59%	Y		
13626324	17202701E18018	Elec Substation - Trans TDSIC	Fort Branch	Holand	System Protection Relay Upgrades	Relay PLC-Fiber CONV Duff 284-2	2017	2017						0%		Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor		57%	Y		
13626322	17202701E18019	Elec Substation - Trans TDSIC	Rockport	Holand	System Protection Relay Upgrades	Relay PLC-Fiber CONV Dubois 284-2	2017	2017						0%		Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor		48%	Y		
13626361	17202701E16016	Elec Substation - Distr TDSIC	Evanville	Evanville	System Protection Relay Upgrades	Relay replacement-Green Oaks 5 Circuits + Arc Flash	2017	2017						0%		Implemented new relays with technology that reduced engineering, material and construction costs		-6%	Y		
13625680	17202701E18015	Elec Substation - Trans TDSIC	Boonville	Newburgh	System Protection Relay Upgrades	Relay replacement-Culley 282-1 and isolation	2017	2017						0%		Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor		-19%	Y		
14312149	17202701E16015	Elec Substation - Distr TDSIC	Evanville	Evanville	System Protection Relay Upgrades	Relay Replacement Atasca T1	2017	2017						0%		Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor		100%	Y		
14044433	17202701E16033	Elec Substation - Distr TDSIC	Evanville	Evanville	System Protection Relay Upgrades	Relay replacement-Atasca 188 and 288	2017	2017						0%		This project was incorporated and executed with Maximo project 14034433		59%	Y		
14044440	17202701E16034	Elec Substation - Distr TDSIC	Evanville	Evanville	System Protection Relay Upgrades	Relay replacement- Berry 2-6 3-6 4-6	2017	2017						0%		Implemented new relays with technology that reduced engineering, material and construction costs		68%	Y		
14312172	17202701E16035	Elec Substation - Distr TDSIC	Evanville	Evanville	System Protection Relay Upgrades	Relay Replacement Gateway 288 388 488	2017	2017						0%		Implemented new relays with technology that reduced engineering, material and construction costs		74%	Y		
13626362	17202701E18016	Elec Substation - Trans TDSIC	Evanville	Evanville	System Protection Relay Upgrades	Relay PLC-Fiber CONV Heidelberg 283-2	2017	2017						0%		Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor		23%	Y		
13626410	17202701E18031	Elec Substation - Trans TDSIC	Evanville	Evanville	System Protection Relay Upgrades	NE Sub 138KV 69KV Transfer Bus	2017	2017						0%		Implemented new relays with technology that reduced engineering, material and construction costs		-18%	Y		
14312138	17202701E16037	Elec Substation - Trans TDSIC	Evanville	Evanville	System Protection Relay Upgrades	Relay Replacement Ohio River Station 4600-4600-4700	2017	2017						0%		Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor		72%	Y		
13626412	17202701E18017	Elec Substation - Trans TDSIC	Evanville	Evanville	System Protection Relay Upgrades	Relay PLC-Fbr CONV Pigeon Creek 291-2	2017	2017						0%		Additional labor and material costs due to the new Auto-Sectionalizing RTU not being compatible with the existing radio. A second RTU and converter had to be purchased and installed to complete the communications path		39%	Y		
14038915	17202701E16015	Elec Substation - Distr TDSIC	Evanville	Evanville	System Protection Relay Upgrades	AutoSect - Sunbeam Y52	2017	2017						0%		Implemented new relays with technology that reduced engineering, material and construction costs		-23%	Y		
14312151	17202701E16036	Elec Substation - Distr TDSIC	Francisco	Ft. Branch	System Protection Relay Upgrades	Relay Replacement Toyota 300 S80 T2	2017	2017						0%		Additional labor and material costs due to the new Auto-Sectionalizing RTU not being compatible with the existing radio. A second RTU and converter had to be purchased and installed to complete the communications path		71%	Y		
14312171	17202701E16038	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	System Protection Relay Upgrades	Relay Replacement Mead Johnson Park 288	2017	2017						0%		Implemented new relays with technology that reduced engineering, material and construction costs		76%	Y		
14312132	17202701E16039	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	System Protection Relay Upgrades	Relay Replacement Southwind 188	2017	2017						0%		Implemented new relays with technology that reduced engineering, material and construction costs		6%	Y		
13626513	17202701E58013	Elec System Improve - Trans TDSIC	Boonville	Boonville	Transmission Line Rebuilds	Y56 Pelzer to Midway rebuild (6.4 miles) (Ind w_OPGW plan)	2017	2017						0%		Material costs were significantly less due to structure bids lower than estimated. Construction costs were also less than estimate		24%	Y		
13626514	17202701E58011	Elec System Improve - Trans TDSIC	Boonville	Boonville	Transmission Line Rebuilds	Y56 Midway to Chrismey rebuild (7.6 miles) (Ind w_OPGW plan)	2017	2017						0%		Material costs were significantly less due to structure bids lower than estimate. Construction costs were also less than estimate		35%	Y		
13592379	17585401E56240	Elec System Improve - Distr TDSIC	Evanville	Evanville	Underground Cable Replacements and Looping	Cross Pointe Phase 3 Rebuild for Capacity	2017	2017						0%		Original project as-built drawings were incorrect. Spare conduit had not been installed and existing conductor was undersized for projected load growth. Revised scope required boring in approximately 1000' of new conduit as well installation of new adjacent conductor		-152%	Y		
13202730	17585401E56256	Elec System Improve - Distr TDSIC	Evanville	Evanville	Underground Cable Replacements and Looping	Lakeside Terrace Cable Replacements Phase B	2017	2017						0%		Additional labor was required for backyard easement work and maneuvering around unknown adjacent private facilities		-118%	Y		
13297500	17585401E56249	Elec System Improve - Distr TDSIC	Evanville	Evanville	Underground Cable Replacements and Looping	Echo Apts underground Phase 1 cable replacement	2017	2017						0%		Additional labor was required for private utility locates not being available. Additionally, the contractor had to vac out trenches instead of installation by bore due to utility conflicts		-67%	Y		
13990093	17585601E56222	Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Lenn Road URD replacement	2017	2017						0%		Additional labor was required for backyard easement work and maneuvering around unknown adjacent private facilities		-63%	Y		
14364806	17585401E56235	Elec System Improve - Distr TDSIC	Evanville	Evanville	Underground Cable Replacements and Looping	Hedden Road cable replacement	2017	2017						0%		Additional material and labor for two switchgears that were moved into this project from 2018 (Maximo project 13703502) for bundling efficiencies. Additional pavement restoration also required due more open cutting		-67%	Y		
13503232	17585401E56265	Elec System Improve - Distr TDSIC	Evanville	Evanville	Underground Cable Replacements and Looping	Underground Cable replace in Carroll Acres Rosewood Ave	2017	2017						0%		Additional labor was required for backyard easement work and maneuvering around adjacent facilities		-53%	Y		
13886071	17585601E56218	Elec System Improve - Distr TDSIC	Rockport	Rockport	Underground Cable Replacements and Looping	High Street URD Replace	2017	2017						0%		Additional labor for bore difficulty due to poor soil conditions - rock/buried construction materials - and customer not locating private facilities		-35%	Y		
13503231	17585601E56219	Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Broadview SUBD Cable replace Phase 2	2017	2017						0%		Additional labor for bore difficulty due to poor soil conditions - rock/buried construction materials - and customer not locating private facilities		-33%	Y		
13834258	17585401E56248	Elec System Improve - Distr TDSIC	Evanville	Evanville	Underground Cable Replacements and Looping	Underground Cable replace in Echo Hills	2017	2017						0%		Additional labor for bore difficulty due to poor soil conditions - rock/buried construction materials - and customer not locating private facilities		-33%	Y		
13213619	17585401E56258	Elec System Improve - Distr TDSIC	Evanville	Evanville	Underground Cable Replacements and Looping	Lakeside Terrace Cable replacement Phase C	2017	2017						0%		Additional labor for bore difficulty due to poor soil conditions - rock/buried construction materials - and customer not locating private facilities		-64%	Y		
13810742	17585501E56222	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Country Club Est Cable REPL Phase I	2017	2017						0%		Additional labor for bore difficulty due to poor soil conditions - rock/buried construction materials - and customer not locating private facilities		-46%	Y		
13381417	17585401E56239	Elec System Improve - Distr TDSIC	Evanville	Evanville	Underground Cable Replacements and Looping	Kahre Lake Cable replace Phase 5	2017	2017						0%		Additional labor for bore difficulty due to poor soil conditions - rock/buried construction materials - and customer not locating private facilities		-19%	Y		
13616999	17585601E56210	Elec System Improve - Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable replace in Christmas Lake Phase 6	2017	2017						0%		Additional labor for bore difficulty due to poor soil conditions - rock/buried construction materials - and customer not locating private facilities		-18%	Y		
13381396	17585401E56238	Elec System Improve - Distr TDSIC	Evanville	Evanville	Underground Cable Replacements and Looping	Kahre Lake Cable replacement Phase 4	2017	2017						0%		Additional labor for bore difficulty due to poor soil conditions - rock/buried construction materials - and customer not locating private facilities		-5%	Y		
13784804	17585401E56260	Elec System Improve - Distr TDSIC	Evanville	Evanville	Underground Cable Replacements and Looping	Underground Cable REPL in Village Green Apartments Ph I	2017	2017						0%		Additional labor was required for backyard easement work and maneuvering around unknown adjacent private facilities. Additional labor was also required to change out 3 vaults not in the estimate		-26%	Y		
14050339	17585401E56234	Elec System Improve - Distr TDSIC	Evanville	Evanville	Underground Cable Replacements and Looping	Eastland Mall underground Additional Loop	2017	2017						0%		Additional labor was required for backyard easement work and maneuvering around unknown adjacent private facilities. Additional labor was also required to change out 3 vaults not in the estimate		-3%	Y		
14352342	17585401E56236	Elec System Improve - Distr TDSIC	Evanville	Evanville	Underground Cable Replacements and Looping	Kahre Lake cable replacement Phase 3	2017	2017						0%		Additional labor was required for backyard easement work and maneuvering around unknown adjacent private facilities. Additional labor was also required to change out 3 vaults not in the estimate		-2%	Y		
13299935	17585401E56014	Elec System Improve - Distr TDSIC	Evanville	Evanville	Underground Cable Replacements and Looping	Cross Pointe Phase 1 Rebuild for Capacity	2017	2017						0%		Additional labor was required for backyard easement work and maneuvering around unknown adjacent private facilities. Additional labor was also required to change out 3 vaults not in the estimate		6%	Y		

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance	Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (9/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13992940	17585601E56216	Elec System Improve - Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable replacement in Christmas Lake Phase B	2017	2017							0%					14%	Y	
14029627	17585401E56230	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Eastland Mall Und replacement	2017	2017							0%					13%	Y	
13812686	17585601E56215	Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Broadview SUBD Cable REPL Phase B	2017	2017							0%					22%	Y	Labor was less due to minimal other facilities within the easement - less labor/time required to perform installation
14059110	17585501E56225	Elec System Improve - Distr TDSIC	Mt. Vernon	Evansville	Underground Cable Replacements and Looping	Relo 3PH OH to underground	2017	2017							0%					-7%	Y	
13827303	17585401E56261	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable REPL in Village Green Apartments Ph II	2017	2017							0%					16%	Y	
13506089	17585601E56220	Elec System Improve - Distr TDSIC	Rockport	Rockport	Underground Cable Replacements and Looping	underground Cable replace in Reo Heights Sub	2017	2017							0%					-28%	Y	Inclement weather caused poor ground conditions and slower installation, resulting in additional labor and restoration costs
14041755	17585401E56218	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Chestnut circuit Tie w. Mulberry Network and Court Street	2017	2017							0%					-17%	Y	
14380687	17585401E56237	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replacement of network transformer CM-22 3000A 1BT	2017	2017							0%					31%	Y	Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13795063	17585401E56251	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Regl Net Trans CM-22 3000A Station N1	2017	2017							0%					34%	Y	Labor was less due to the use of internal crews and required less traffic control
13501940	17585601E56213	Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Replacements	convert d1707 to a GOAB - VANADIA-HARTFIELD	2017	2017							0%					-11%	Y	
13501942	17585401E56228	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	convert d1545 to a GOAB - VILLA DRIVE-ROTHERWOOD	2017	2017							0%					-6%	Y	
13501873	17585401E56226	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	convert d1868 to a GOAB- RIVERSIDE DR LODGE AVE	2017	2017							0%					3%	Y	
13501831	17585401E56223	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	convert d1828 to a GOAB- PEERLESS RD-MARK RD	2017	2017							0%					17%	Y	
13501261	17585401E56219	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	convert d1320 to a GOAB - LAWDALE-ELLENWOOD 2	2017	2017							0%					19%	Y	
13501829	17585401E56222	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	convert d1513 to a GOAB- PARKLAWN-THOMPSON AVE	2017	2017							0%					20%	Y	Labor was less due to unneeded traffic control
13501789	17585401E56220	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	convert d1451 to a GOAB- McDowell RD-PEERLESS RD	2017	2017							0%					35%	Y	Labor was less due to unneeded traffic control
13960254	17585601E56221	Elec System Improve - Distr TDSIC	Rockport	Santa Clause	Underground Replacements	Convert Ex Inline switch to a GOAB D1240	2017	2017							0%					-9%	Y	
13501838	17585401E56225	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	convert d1332 to a GOAB - POLLACK AVE-GREENCOVE	2017	2017							0%					24%	Y	Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13960433		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	Convert Ex Inline switch to a GOAB D1229	2017	2017	Project cancelled in Period 2						0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program			0%	Cancelled		
13960447		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	Convert Ex Inline switch to a GOAB D1265	2017	2017	Project cancelled in Period 2						0%	Switch was determined to be a GOAB Switch, replaced outside of the TDSIC program			0%	Cancelled		
14159372	1816477701 / 17199701E77012	Elec Pole Replacement - Distr TDSIC		Various	Wood Pole Replacements	2017 wood pole replacements	2017	2017							0%					20%	Y	Costs were only through October 31, 2017 due to Supreme Court decision on multiple-unit projects
13680226	17585501E56227	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWG PMH-11	2019	2019							0%					-11%	Y	
13966024	17202701E16042	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL-CHS 126-188-288-388-488	2017	2017							0%					36%	Y	Implemented new relays with technology that reduced engineering, material and construction costs
13970215	17202701E16043	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement--VIP 188 388 488	2017	2017							0%					72%	Y	Implemented new relays with technology that reduced engineering, material and construction costs
13703502		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2017	2017							0%					0%	Y	Bundled with Maximo project 14364806 for efficiencies
13616346		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	3PH circuit Tie Mohr Sub N. to St Joe Schenk	2018	2018	Project cancelled in Period 2						0%	The project was completed as a non-TDSIC transmission project in late 2018			0%	Cancelled		
13519156	18185601E56217	Elec System Improve - Distr TDSIC	Boonville	Newburgh	12KV Circuit Rebuilds and Looping	Newburgh and Hwy 662 circuit Tie Capacity upgrade	2018	2018							0%					-39%	Y	Labor cost was higher due to multiple crews having multiple mobilizations on and off the project due to storm support, crew availability and emergency work. Contract crews that are onsite are more efficient and timelier to work storms than trying to pull crews from outside our footprint
13616576	17585601E56232	Elec System Improve - Distr TDSIC	Boonville	Newburgh	12KV Circuit Rebuilds and Looping	Newburgh CKT - Reconnector	2018	2018							0%					-34%	Y	Additional labor was required for backyard easement work. Actual cost of material was higher than estimated
13501857	17585401E56281	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	3Phase circuit Tie along Dixie Flyer Rd	2018	2018							0%					-39%	Y	Additional labor was required for maneuvering around unknown adjacent private facilities, inclement weather, and additional traffic control
13501870	17585401E56282	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	RED-BANK circuit 3PH replace copper conductor	2018	2018							0%					-18%	Y	
13505894	17585401E56262	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	3Phase circuit Tie along St Joseph Rd	2018	2018							0%					18%	Y	
13505987	18185401E56241	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	3PH circuit Tie along Seminary Road	2018	2018							0%					39%	Y	Labor was less due to utilization of in-house crews and less tree trimming required than estimated
13613115	17585401E56307	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	MT Auburn 3PH circuit Tie along St Joe Ave	2018	2018							0%					12%	Y	
13616347	18185401E56210	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Fifth Ave and Highland circuit Tie upgrade	2018	2018							0%					-43%	Y	Additional labor was required for backyard easement work. Actual cost of material was higher than estimated
13801510	17585501E56237	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	Springfield_Marrs 3PH circuit Tie-Nictomes Rd Ph II	2018	2018							0%					-12%	Y	
13882393	17585501E56239	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	Springfield_Marrs 3PH circuit Tie-Nictomes Rd Ph I	2018	2018							0%					17%	Y	

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (5/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13503767	18585401E56228	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Bellemeade Ave circuit Conversion (Ellenwood Sub) PHe	2018	2018						0%					-33%	Y	Additional construction labor was required for backyard easement work as well as additional traffic control
13505816	17585401E56275	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	North Weinbach Ave circuit Conv (Ellenwood Sub) Phase 1	2018	2018						0%					-38%	Y	Additional labor required due to poor weather that impacted construction efficiency. The project required a 450' bore due to inability to use existing conduit as originally designed. Additional streetlight material required to bring existing streetlights up to current standard of LEDs. It was necessary to replace 2500' of existing #6CU 1PH with 1/0 due to condition of existing facilities creating a safety issue when transferring load for the project
13505818	17585401E56289	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	South Weinbach Ave circuit Conv (Ellenwood Sub)	2018	2018						0%					-29%	Y	Working with the City of Evansville to coordinate their ongoing street rehabilitation required numerous mobilizations. This combined with poor working conditions and backyard access challenges led to higher labor costs. Added 600' of 1PH 1/0 AAAC to replace 336 spacer because of inadequate insulation rating per the standard
13756449	17585401E56276	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	North Weinbach Ave circuit Conv (Ellenwood Sub) Phase 2	2018	2018						0%					-51%	Y	Additional construction labor was required for backyard easement work as well as additional traffic control
13997193	18585401E56226	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Bellemeade Ave circuit Conversion (Ellenwood Sub) PHe	2018	2018						0%					-15%	Y	Additional construction labor was required for backyard easement work as well as additional traffic control
13997203	18585401E56227	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Bellemeade Ave circuit Conversion (Ellenwood Sub) PHe	2018	2018						0%					-32%	Y	Additional construction labor was required for backyard easement work as well as additional traffic control
14029024	17585401E56293	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Washington Ave circuit Conversion (Ellenwood Sub) Ph I	2018	2018						0%					-36%	Y	Additional labor was required due to poor weather that impacted construction efficiency. Additional labor required to HydroVac pole locations due to location of existing gas line adjacent to new pole locations. Approximately 220' of UG primary was determined during construction to not to be 12kv rated which required additional material and labor to replace
14029069	17585401E56294	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Washington Ave circuit Conversion (Ellenwood Sub) Ph II	2018	2018						0%					-28%	Y	Additional labor required due to limited access for backyard work within project area
14145309	17585401E56299	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	First Ave & Igleheart circuit CONW (Igleheart Sub) Ph I	2018	2018						0%					-14%	Y	
13500016	17585501E56234	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	4KV Conversions	East Main circuit CONV (Mt. Vernon Main Sub) Ph II	2018	2018						0%					3%	Y	
13500051	17585501E56232	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	4KV Conversions	North Main circuit CONV (Mt. Vernon Main Sub)	2018	2018						0%					-5%	Y	
13500081	17585501E56231	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	4KV Conversions	Oil Refiner #2 circuit CONV (Mt. Vernon Main)	2018	2018						0%					17%	Y	
13831752	17585501E56233	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	4KV Conversions	E560, Elec Dist, East Main circuit, 4KV Conversions East Main circuit CONV (Mt. Vernon Main Sub) Ph I	2018	2018						0%					7%	Y	
13997001	18585401E56011	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2018- Distribution Automation #1: Ellenwood 2 and Stockwell circuits	2018	2018						0%					-77%	Y	Additional contract labor was required for the initial development of our new Lazer Distribution Automation control schemes
13997031	18585401E56236	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2018- Distribution Automation #2: Kratzville and Saint Joseph Ave circuits	2018	2018						0%					-12%	Y	
13997067	18585401E56238	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Distribution Automation	2018-Distribution Automation #3: Ford Rd and Copperline Rd circuits	2018	2018						0%					-36%	Y	Additional material cost for the new Distribution Automation standards
13505960	18585601E56232	Elec System Improve - Distr TDSIC	Boonville	Rockport	Distribution Capacitor Replacements	Tennysen circuit - capacitor upgrade	2018	2018						0%					-30%	Y	Actual cost of material and labor was higher than estimate
13501832	17585401E56295	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Peewees Road circuit - capacitor upgrade	2018	2018						0%					0%	Y	
13505837	17585401E56296	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Kasson circuit - capacitor upgrade	2018	2018						0%					26%	Y	Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13505900	17585401E56301	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Old State Road circuit - capacitor upgrade	2018	2018						0%					14%	Y	
13505994	17585401E56303	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Union Township circuit- capacitor upgrade	2018	2018						0%					27%	Y	Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13501925	17585501E56228	Elec System Improve - Distr TDSIC	Francisco	Stendel	Distribution Capacitor Replacements	Stendal circuit - capacitor upgrade	2018	2018						0%					9%	Y	
13506037	17585501E56229	Elec System Improve - Distr TDSIC	Francisco	Winslow	Distribution Capacitor Replacements	Winslow circuit - capacitor upgrade	2018	2018						0%					4%	Y	
13505937	17585501E56236	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Distribution Capacitor Replacements	Springfield circuit - capacitor upgrade	2018	2018						0%					30%	Y	Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13505928	17585601E56226	Elec System Improve - Distr TDSIC	Rockport	Rockport	Distribution Capacitor Replacements	Rose Hill circuit - capacitor upgrade	2018	2018						0%					-28%	Y	Additional labor cost to replace newly installed switch bank that failed
13684740	18202701E18011	Elec Substation - Trans TDSIC	Boonville	Newburgh	Instrument Transformer Replacements	Culley PT replacements	2018	2018						0%					-10%	Y	
13970317	17202701E18029	Elec Substation - Trans TDSIC	Evansville	Evansville	Instrument Transformer Replacements	Northwest PT replacements	2018	2018						0%					27%	Y	Labor costs were less due to utilizing internal engineering. There were additional labor saving due to contractor bid less than estimate
14035346	17202701E58014	Elec System Improve - Trans TDSIC	Evansville	Haubstadt	Optical Ground Wire	OPGW - St Wendell to Scott Twp. (Y34) 5.6mi	2018	2018						0%					0%	Y	
14035349	17202701E58015	Elec System Improve - Trans TDSIC	Evansville	Evansville	Optical Ground Wire	OPGW - Stringtown to Mohr (Y50_Y34) 3.6 mi	2018	2018						0%					9%	Y	
14039124	17202701E58016	Elec System Improve - Trans TDSIC	Rockport	Santa Claus	Optical Ground Wire	Santa Claus to Newtonville OPGW Addition (11.9 miles)	2018	2018						0%					-25%	Y	Additional labor was required for drilling through rock for pole foundations, as well as having to drill new holes in some poles as they were in the wrong location. Labor and material cost was driven higher due to distribution under build that was found to be poor condition and had to be replaced, not transferred. This under build was the distribution circuit with brittle wire, cross arms and equipment that had a number of cracks in them only found when attempting to transfer to new poles
14155363	5854E56001	Elec System Improve - Distr TDSIC		Various	PCB Transformer Replacements	PCB transformers replacement- 2018	2018	2018						0%					-10%	Y	Additional labor and material costs to perform all change outs in the original analyzed areas
14080654	18202701E14011	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters: BENTON CORNER transformer highside	2018	2018						0%					-127%	Y	Switching for outage was extensive and required significant overtime hours to avoid long outages for system reliability. Work to change arresters was more complicated than expected

CEI South
Electric TDSIC Plan Projects

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14080676	18102701E18012	Elec Substation - Trans TDSIC		Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters MT VERNON MAIN-NW 177 Porcelain Brown	2018	2018						0%					40%	Y	Material costs were less than estimated. Construction performed by internal resources
14034482	17102701E18033	Elec Substation - Trans TDSIC		Boonville	Newburgh	Substation Circuit Breaker Replacements	Replace Culley 138KV OCB Z288, 2500, 2688 & 69KV OCB 488, 126	2018	2018						0%					-18%	Y	Construction on the Culley breakers had to be performed in two phases. Fall and spring, due to load restrictions and the requirement for bus outages to isolate equipment. The bus outages could only be obtained on weekends resulting in a substantial amount of overtime work. Splitting the construction into two phases and weekends resulted additional mobilization charges
14034982		Elec Substation - Distr TDSIC	Fort Branch	Fl. Branch	Substation Circuit Breaker Replacements	FORT BRANCH RURAL 188 - 4858829	2018	2018							0%					100%	Y	Combined with Maximo project 14034985 (Fl. Branch Transformer 1 replacement) for field efficiencies
13964609		Elec Substation - Distr TDSIC	Fort Branch	Fl. Branch	Substation Circuit Breaker Replacements	FORT BRANCH RURAL 488 - 4858830	2018	2018							0%					100%	Y	Combined with Maximo project 13964628 (Fl. Branch Transformer 2 replacement) for field efficiencies
13626328	17202701E16026	Elec Substation - Distr TDSIC		Rockport	Rockport	Substation Circuit Breaker Replacements	Replacement of GRANDVIEW 12KV circuit Breaker 1	2018	2018						0%					37%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together
13626331	17202701E16027	Elec Substation - Distr TDSIC		Rockport	Rockport	Substation Circuit Breaker Replacements	Replacement of GRANDVIEW 12KV circuit Breaker 2	2018	2018						0%					49%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together
14038891	17202701E16028	Elec Substation - Distr TDSIC		Rockport	Rockport	Substation Circuit Breaker Replacements	ROCKPORT 188 - 4859686	2018	2018						0%					-5%	Y	
14038892	17202701E16029	Elec Substation - Distr TDSIC		Rockport	Rockport	Substation Circuit Breaker Replacements	ROCKPORT 288 - 4859685	2018	2018						0%					-11%	Y	
13965051	17202701E16070	Elec Substation - Distr TDSIC		Evansville	Evansville	Substation Transformer Replacements	GREEN OAKS T2 - AS796	2018	2018						0%					-27%	Y	Construction cost were higher due to addition of driveway and gate for access to site. Increased labor and material for the relocation of distribution circuit exits compared to estimate
13964628	17202701E16041	Elec Substation - Distr TDSIC	Fort Branch	Fl. Branch	Substation Transformer Replacements	FORT BRANCH RURAL T1 - H888075	2018	2018							0%					41%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together
14034985	17202701E16040	Elec Substation - Distr TDSIC	Fort Branch	Fl. Branch	Substation Transformer Replacements	FORT BRANCH RURAL T2 - S217850	2018	2018							0%					-12%	Y	Labor was higher than estimate due to the need to use a mobile sub for load requirements and higher material costs for regulators along with their oil containment
13684690	17202701E18028	Elec Substation - Trans TDSIC		Rockport	Rockport	Substation Transformer Replacements	Grandview Sub 138_69 Transformer Upgrade (60 to 100 MVA)	2018	2018						0%					-21%	Y	Construction cost were higher from bids received compared to estimate. Complexities of system configurations to moving load around and installing a larger transformer in a tight area with the rest of the substation equipment
14035034	17202701E16030	Elec Substation - Distr TDSIC		Rockport	Rockport	Substation Transformer Replacements	Replacement of GRANDVIEW Dist. SUBSTA Distribution TRF	2018	2018						0%					-13%	Y	Additional regulators on two circuits were changed out as well due to those controllers not being able to communicate with the new SCADA. This added material and labor to the project
14038906	17202701E16032	Elec Substation - Distr TDSIC		Rockport	Dale	Substation Transformer Replacements	Replacement of SAINT MEINRAD Dist. SUBSTA TRF	2018	2018						0%					-13%	Y	Labor was higher than estimate due to multiple mobilization for weather and complexity of setting mobile sub in a small area
13964173	17202701E16069	Elec Substation - Distr TDSIC		Boonville	Boonville	Supervisory Control and Data Acquisition Upgrades	Boonville RTU C_O	2018	2018						0%					6%	Y	
13966092	18102701E18018	Elec Substation - Trans TDSIC		Evansville	Evansville	Supervisory Control and Data Acquisition Upgrades	HPG RTU C_O	2018	2018						0%					49%	Y	Project cost reduced due to internal engineering and in-house construction
14807820	17202701E16068	Elec Substation - Distr TDSIC		Rockport	Santa Claus	Supervisory Control and Data Acquisition Upgrades	Distribution SCADA - Chivney	2018	2018						0%					4%	Y	
13626439	17202701E16071	Elec Substation - Distr TDSIC		Rockport	Dale	Supervisory Control and Data Acquisition Upgrades	Distribution SCADA - St Meinrad	2018	2018						0%					71%	Y	The control equipment required was less than originally estimated
13622101	18102701E16012	Elec Substation - Trans TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Relay PLC-Fiber CONV-Bergdolt 283-2	2018	2018						0%					37%	Y	Project cost reduced due to internal engineering and in-house construction
14034436	17202701E16052	Elec Substation - Distr TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Berry T1 and T2 MSOC	2018	2018						0%					49%	Y	Implemented new relays with technology that reduced engineering, material and construction costs
14034886	17202701E16053	Elec Substation - Trans TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-East Ind. T2 and T3 MSOC	2018	2018						0%					52%	Y	Implemented new relays with technology that reduced engineering, material and construction costs
14034901	17202701E16059	Elec Substation - Trans TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Eastland T1 188 288	2018	2018						0%					27%	Y	Implemented new relays with technology that reduced engineering, material and construction costs
14034891	18102701E16020	Elec Substation - Distr TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Eastside 12KV PROT-CONTR upgrade	2018	2018	Project cancelled in Period 3					0%		This project has been cancelled due to breaker replacements in 2020.			0%	Cancelled	
14034952	17202701E18037	Elec Substation - Trans TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Folz Y34 Y50-2 Y50-3	2018	2018						0%					20%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
14035030	17202701E16054	Elec Substation - Trans TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Gateway T2 and T1 MSOC	2018	2018						0%					49%	Y	Implemented new relays with technology that reduced engineering, material and construction costs
14035125	18102701E16014	Elec Substation - Distr TDSIC		Evansville	Evansville	System Protection Relay Upgrades	AutoSect - Mohr Rd	2018	2018						0%					24%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
13626409	18102701E18017	Elec Substation - Trans TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Relay PLC-Fiber CONV-NE 295	2018	2018						0%					29%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
13626411	18102701E18014	Elec Substation - Trans TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Relay PLC-Fiber CONV-NW 283-2	2018	2018						0%					41%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
13626673	18102701E18016	Elec Substation - Trans TDSIC		Mt. Vernon	Mt. Vernon	System Protection Relay Upgrades	Relay PLC-Fiber CONV-AB Brown 295	2018	2018						0%					1%	Y	
14034951	17202701E16051	Elec Substation - Trans TDSIC		Mt. Vernon	Mt. Vernon	System Protection Relay Upgrades	Relay replacement-Farm Bureau T1 and T2 MSOC	2018	2018						0%					26%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
14039131	17202701E58021	Elec System Improve - Trans TDSIC		Evansville	Evansville	Transmission Line Rebuilds	Y76 Phase II-Wadesville to New Harmony 9 miles w/ OPGW	2018	2018						0%					13%	Y	
14039125	17202701E58017	Elec System Improve - Trans TDSIC		Evansville	Evansville	Transmission Line Rebuilds	Y76 Phase I-NW-County Line 6 miles w/ OPGW	2018	2018						0%					-16%	Y	Erosion control costs were higher than estimate due to weather. Additional line clearance was needed to wall. Very wet conditions required, more matting than estimated
14039128	17202701E58020	Elec System Improve - Trans TDSIC		Evansville	Evansville	Transmission Line Rebuilds	Y76 Phase II-County Line to Wadesville 6.3 miles w/ OPGW	2018	2018						0%					-6%	Y	Erosion control costs were higher than estimate due to weather. Additional line clearance and rock was needed compared to estimate
13506049	18585601E56219	Elec System Improve - Distr TDSIC		Boonville	Boonville	Underground Cable Replacements and Looping	underground Cable replace in Cambridge Acres	2018	2018						0%					-14%	Y	
13801539	18585601E56229	Elec System Improve - Distr TDSIC		Boonville	Newburgh	Underground Cable Replacements and Looping	Meadowood Apts Cable Replacement	2018	2018						0%					-14%	Y	
13503234	17585401E56277	Elec System Improve - Distr TDSIC		Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Carrolton Court Phase I	2018	2018						0%					65%	Y	Actual labor was less than estimate due to existing unknown conduit being found during construction and utilized for new conductor. This resulted in a lesser than estimated boring cost
13503437	17585401E56278	Elec System Improve - Distr TDSIC		Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Westhaven Hills	2018	2018						0%					-29%	Y	Additional labor required to replace two pad mount transformers field verified during construction to be in poor condition, HydroVac existing sewer lines that could not be hand located, and limited access to much of the backyard work
13506040	18585401E56242	Elec System Improve - Distr TDSIC		Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in BRENTWOOD	2018	2018						0%					5%	Y	
13506072	17585401E56285	Elec System Improve - Distr TDSIC		Evansville	Evansville	Underground Cable Replacements and Looping	Create 1PH underground Loop on Clover circuit	2018	2018						0%					-23%	Y	Additional labor required for 120' bore to eliminate splicing of aging conductor that was field verified to be in poor condition
13506075	17585401E56279	Elec System Improve - Distr TDSIC		Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Dale Haven Estates Ph I	2018	2018						0%					-42%	Y	Incent weather caused poor ground conditions and slower installation, resulting in additional labor and restoration costs

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (5/1/21-10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13506115	17585401E56306	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Shady Hills	2018	2018						0%				-8%	Y		
13633201	17585401E56271	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2019	2019						0%				23%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor	
13633203		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR Unknown	2018	2018	Project cancelled in Period 2					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. All live front switchgear are replaced due to safety hazards associated with proximity of live bus during maintenance activities. In this case, replacement was not required			0%	Cancelled		
13680220	17585401E56286	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2019	2019						0%				2%	Y		
13703453	17585401E56274	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR	2018	2018	Project cancelled in Period 4					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. All live front switchgear are replaced due to safety hazards associated with proximity of live bus during maintenance activities. In this case, replacement was not required			0%	Cancelled		
13703493	17585401E56283	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2018	2018						0%				25%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor	
13703516		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR Unknown	2018	2018	Project cancelled in Period 2					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. All live front switchgear are replaced due to safety hazards associated with proximity of live bus during maintenance activities. In this case, replacement was not required			0%	Cancelled		
13707745	18585401E56240	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Sugar Mill Creek Apt Phase I - Cable Repl	2018	2018						0%				-31%	Y	Additional labor required to locate unknown private sewer and water lines and slow productivity due to greater than estimated vehicle traffic in apartment complex and on surrounding roads	
13739264	17585401E56280	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable REPL in Dale Haven Estates Ph II	2018	2018						0%				4%	Y		
13739266	17585401E56287	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable REPL in Dale Haven Estates Ph III	2018	2018						0%				2%	Y		
13506116	18585501E56218	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	7000' of 1PH underground to back feed Artesian Well	2018	2018						0%				48%	Y	Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor	
13633202		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2018	2018	Project cancelled in Period 2					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. All live front switchgear are replaced due to safety hazards associated with proximity of live bus during maintenance activities. In this case, replacement was not required			0%	Cancelled		
13887331	18585501E56219	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Lakeview Place Cable REPL	2018	2018						0%				-36%	Y	Additional labor was required during the boring phase due to numerous neighboring utilities in very close proximity that required more spot holes and hand digging to ensure the bore avoided hitting other utilities	
13503235	17585601E56230	Elec System Improve - Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable replace in Christmas Lake Phase 2	2018	2018						0%				-14%	Y		
13506079	17585601E56229	Elec System Improve - Distr TDSIC	Rockport	Rockport	Underground Cable Replacements and Looping	Hodges SUBD Hwy 161 Richland City	2018	2018						0%				12%	Y		
13519181	17585601E56231	Elec System Improve - Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	underground Cable replace in Christmas Lake Phase 3	2018	2018						0%				-16%	Y		
13616706	17585601E56227	Elec System Improve - Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable replace in Christmas Lake Phase 5	2018	2018						0%				-15%	Y		
13685494	17585601E56225	Elec System Improve - Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable REPL in Christmas Lake Phase 1	2018	2018						0%				-5%	Y		
13736393	17585601E56228	Elec System Improve - Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable REPL in Christmas Lake Phase 4	2018	2018						0%				-13%	Y		
13503439	17585401E56290	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Civic circuits 1 2 3 underground Phase I	2018	2018						0%				11%	Y		
13503442	18585401E56233	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Mulberry circuits 1 2 3 underground Phase I	2018	2018						0%				-14%	Y		
13506053	17585401E56304	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Net Trams CM-22 City County Building Civic 2	2018	2018						0%				14%	Y		
13614242	17585401E56292	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trams CM-22 3000A Station N2	2018	2018						0%				13%	Y		
13960611		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underling Replacements	Convert Ex Inline switch to a GOAB D2433	2018	2018	Project cancelled in Period 2					0%	Switch was determined to be a GOAB Switch, replaced outside of the TDSIC program			0%	Cancelled		

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (9/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13960615		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underlying Replacements	Convert Ex Inline switch to a GOAB D2178	2018	2018	Project cancelled in Period 2					0%	Switch was determined to be a GOAB Switch, replaced outside of the TDSIC program			0%		Cancelled	
13960618		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underlying Replacements	Convert Ex Inline switch to a GOAB D2066	2018	2018	Project cancelled in Period 2					0%	Switch was determined to be a GOAB Switch, replaced outside of the TDSIC program			0%		Cancelled	
13505959		Elec System Improve - Distr TDSIC	Boonville	Rockport	Underlying Replacements	convert d1755 to a GOAB - TENNYSON-FOLSOMVILLE	2018	2018	Project cancelled in Period 2					0%	Switch was determined to be a GOAB Switch, replaced outside of the TDSIC program			0%		Cancelled	
13505842	17585401E56298	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underlying Replacements	convert d1412 to a GOAB-KRATZVILLE RD-N-PARK	2018	2018						0%				51%	Y		Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13505851	17585401E56288	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underlying Replacements	convert d1292 to a GOAB - LODGE AVE-CULVERSON AVE	2018	2018						0%				89%	Y		Actual cost of material and labor was less than estimate. An existing GOAB was able to be reused at this location
13505897	17585401E56305	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underlying Replacements	convert d1430 to a GOAB-NORTH PARK-KRATZVILLE RD	2018	2018						0%				24%	Y		Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13506035	17585501E56230	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underlying Replacements	convert d1674 to a GOAB - WABASH-UNIONTOWN	2018	2018						0%				62%	Y		Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
14159676	5854E77001	Elec Pole Replacement - Distr TDSIC		Various	Wood Pole Replacements	2018 wood pole replacements	2018	2018	Project cancelled in Period 3					0%	Cancelled due to Supreme Court decision on multiple-count projects			0%		Cancelled	
13625686	19202701E18013	Elec Substation - Trans TDSIC	Boonville	Newburgh	System Protection Relay Upgrades	Relay replacement-Culley 281-1	2019	2019						0%				29%	Y		Engineering completed internally leading to cost savings. Construction costs were also less due to using internal labor
14153564	17585401E56300	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	First Ave & Igleheart circuit CONN (Igleheart Sub) Ph II	2018	2018						0%				37%	Y		Labor and material were less than estimate due to the majority of the underground cable was previously replaced and records did not reflect this
13965613	17202701E16062	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL Maryland T2 CB 388 CB 488	2018	2018						0%				30%	Y		Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
12965626	17202701E16063	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL-Mohr Rd T1 188 288	2018	2018						0%				2%	Y		
14034549	17202701E16056	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-East Ind.488	2018	2018						0%				5%	Y		
14035074	17202701E16065	Elec Substation - Distr TDSIC	Evansville	Newburgh	System Protection Relay Upgrades	Grimm Rd protection upgrade 388 388 488	2018	2018						0%				74%	Y		Project cost reduced due to internal engineering and in-house construction
14312143	17202701E16060	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Fols Rd 488	2018	2018						0%				7%	Y		
13519166	18585601E56212	Elec System Improve - Distr TDSIC	Boonville	Rockport	12KV Circuit Rebuilds and Looping	TENNYSON circuit 3PH replace copper PH II	2019	2019						0%				-8%	Y		
13506028	18585401E56221	Elec System Improve - Distr TDSIC	Evansville	Newburgh	12KV Circuit Rebuilds and Looping	Extend the Venetian circuit N.to Oak Grove Rd	2019	2019						0%				-16%	Y		
13518825	18585401E56261	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	BASELINE RD circuit 3PH replace copper conduit.	2019	2019						0%				-32%	Y		Actual cost of material was higher than estimate
13518876	18585401E56260	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Relocate OH 1PH for accessibility	2019	2019						0%				-12%	Y		
13518968	18585401E56217	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	BROWAY AVE circuit 3PH replace Copper Ph I	2019	2019						0%				-24%	Y		Additional labor was required due to heavy traffic through project site and the need for hydroexcavating or hand digging based on the locates. These both led to lower productivity which resulted in higher labor costs
13519148	18585401E56220	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	MARK RD circuit 3PH replace copper PH I	2019	2019						0%				12%	Y		
13519162	18585501E56220	Elec System Improve - Distr TDSIC	Francisco	Rockport	12KV Circuit Rebuilds and Looping	STENDAL circuit 3PH replace copper PH III	2019	2019						0%				-18%	Y		
13519172	18585601E56220	Elec System Improve - Distr TDSIC	Francisco	Winslow	12KV Circuit Rebuilds and Looping	WINSLOW circuit 3PH replace copper PH I	2019	2019						0%				-11%	Y		
13505896	18585501E56221	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	Red Geranium-Replace underground PH	2019	2019						0%				11%	Y		
13519107	18585501E56210	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	Ford RD circuit and Union Township circuit Tie upgrade	2019	2019						0%				-15%	Y		Actual labor was higher than estimate due to additional traffic control and site restoration. Material cost was also higher than estimate
13519141	18585501E56212	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	3 PH circuit Tie between Marrs and Springfield circuit	2019	2019						0%				54%	Y		Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
13519171	18585501E56214	Elec System Improve - Distr TDSIC	Mt. Vernon	Evansville	12KV Circuit Rebuilds and Looping	UNION TOWNSHIP circuit 3PH repl copper PH I	2019	2019						0%				-44%	Y		Actual labor was higher than estimate due to additional tree trimming, traffic control, inspection services and larger crew size
13501924	18585601E56214	Elec System Improve - Distr TDSIC	Rockport	Stendel	12KV Circuit Rebuilds and Looping	Lake Heinrich Village SUBD - alt feed	2019	2019						0%				-2%	Y		
13503768	18585401E56214	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Bennighof Ave circuit Conversion (Auburn Sub) PH	2019	2019						0%				-19%	Y		
13505815	18585401E56218	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Fares Ave circuit Conversion (Auburn Sub)	2019	2019						0%				-6%	Y		
13519120	18585401E56264	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Bayard Park circuit Conversion (Auburn Sub) PH I	2019	2019						0%				-21%	Y		Additional labor was required due to heavy traffic through project site and the need for hydroexcavating or hand digging based on the locates. These both led to lower productivity which resulted in higher labor costs
13519136	18585401E56231	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Cherry St circuit Conversion (Auburn Sub) PH	2019	2019						0%				-60%	Y		Additional labor was required due to heavy traffic through project site and the need for hydroexcavating or hand digging based on the locates resulting in higher labor cost. 1500' of 3PH was reconductored instead of transferred due to wire condition. The existing line was relocated to back of right of way to align with future roadway expansion. This will eliminate the need for future relocation of a recently rebuilt line
13997147	18585401E56265	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Bayard Park circuit Conversion (Auburn Sub) PH II	2019	2019						0%				-28%	Y		Additional labor was required due to heavy traffic through project site and the need for hydroexcavating or hand digging based on the locates
13997149	18585401E56266	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Bayard Park circuit Conversion (Auburn Sub) PH III	2019	2019						0%				-53%	Y		Additional labor was required due to heavy traffic through project site and the need for hydroexcavating or hand digging based on the locates. The 285 project overlapped this area resulting in multiple mobilizations. These led to lower productivity which resulted in higher labor costs
13997171	18585401E56215	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Bennighof Ave circuit Conversion (Auburn Sub) PHII	2019	2019						0%				-52%	Y		Additional labor was required due to heavy traffic through project site and the need for hydroexcavating or hand digging based on the locates

CEI South
Electric TDSIC Plan Projects

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13997187	18585401E56216	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Bennighof Ave circuit Conversion (Auburn Sub) PH#	2019	2019						0%					-12%	Y	
14080650	17202701E16044	Elec Substation - Distr TDSIC	Evansville	Evansville	4kV Conversions	New Adams 138_12 kV Substation	2019	2019						0%					-25%	Y	Actual labor costs were significantly higher than the estimate due to an additional decorative fence, curbing and sidewalk improvements required by the community association and the city. Material costs were higher than the estimate for the distribution circuit exits, as well as labor due to resource constraints. Required relay work at Angel Mounds and Heidelberg caused supplementary labor beyond the original estimate. During detailed engineering, the standard H frame was changed to an arbor structure due to space constraints on the property which caused additional labor
13997237	18585401E56232	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Cherry St circuit Conversion (Auburn Sub) PH#	2019	2019						0%					-15%	Y	Additional labor was required due to heavy traffic through project site and the need for hydrovac or hand digging based on the locations. These both led to lower productivity which resulted in higher labor costs
14013043	18585401E56267	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Bayard Park circuit Conversion (Auburn Sub) PH IV	2019	2019						0%					-29%	Y	Additional labor was required due to heavy traffic through project site, additional site preparation and the need for hydrovac or hand digging based on the locations
13997129		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2019 Distribution Automation #1- Division Street and Governor circuits	2022	2022						0%					100%	N	
13997136		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2019 Distribution Automation #2- North Park and Concord circuits	2021	2021	Project suspended in Period 8					0%	Project is suspended to keep planned annual budgets and caps within required parameters				0%	Suspended	
13997168	19585401E56242	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2019 Distribution Automation #3- Theater Drive and Lynch Rd circuits	2019	2019						0%					-18%	Y	
13997201	19585401E56248	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2019 Distribution Automation #4- MT Auburn and Barker circuits	2019	2019						0%					-15%	Y	
14160813	18585601E56227	Elec System Improve - Distr TDSIC	Boonville	Boonville	Distribution Capacitor Replacements	Bowling Alley circuit - capacitor upgrade	2019	2019						0%					1%	Y	
13501017	17585401E56273	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Ellenwood 2 circuit - capacitor upgrade	2019	2019						0%					14%	Y	
13501069	18585401E56234	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Highland circuit - capacitor upgrade	2019	2019						0%					29%	Y	Labor was less due to utilization of in-house crews
13501226	18585401E56213	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Kratzville Road circuit - capacitor upgrade	2019	2019						0%					22%	Y	Labor was less due to utilization of in-house crews
13501755	18585401E56274	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	McCutchanville circuit - capacitor upgrade	2019	2019						0%					-21%	Y	Actual cost of material was higher than estimate
13501795	18585401E56262	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	McDowell Road circuit - capacitor upgrade	2019	2019						0%					26%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
13501923	18585401E56230	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	St. Joseph AVE circuit - capacitor upgrade	2019	2019						0%					12%	Y	
13518801	18585601E56226	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Barker AVE circuit - capacitor upgrade	2019	2019						0%					14%	Y	
13518826	18585401E56254	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Baseline Road circuit - capacitor upgrade	2019	2019						0%					-14%	Y	
13518986	18585401E56256	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Broadway Ave circuit - capacitor upgrade	2019	2019						0%					40%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
13519023	18585401E56257	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Epworth circuit - capacitor upgrade	2019	2019						0%					8%	Y	
13519116	18585401E56255	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	HWY 57 circuit - capacitor upgrade	2019	2019						0%					-11%	Y	
13519144	18585401E56263	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Mars Road circuit - capacitor upgrade	2019	2019						0%					28%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
13519167	18585401E56253	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Theater Drive circuit - capacitor upgrade	2019	2019						0%					24%	Y	Labor was less due to utilization of in-house crews
13970287	18202701E18021	Elec Substation - Trans TDSIC	Rockport	Rockport	Instrument Transformer Replacements	Newtonville PT replacements	2019	2019						0%					53%	Y	Actual labor was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
14080677		Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters MT VERNON MAIN-T2 transformer 2-lowside Porcelain-Brown	2019	2019	Project cancelled in Period 3					0%	The 4kV circuits are being converted to 12kV and the transformers will be retired. This will cause the arrester change out to not be needed				0%	Cancelled	
14080678		Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters: MT VERNON MAIN-T2 highside-Porcelain-Brown	2019	2019	Project cancelled in Period 3					0%	The 4kV circuits are being converted to 12kV and the transformers will be retired. This will cause the arrester change out to not be needed				0%	Cancelled	
13964151	19202701E16029	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	System Protection Relay Upgrades	AutoSect - Benton Corner Y33	2021	2021						0%					-152%	Y	Actual material and labor costs were more than estimated due to additional space for the relays requiring a new control house and cable trench
13964218	18202701E16018	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Broadview Sub SWGR #1 Replace	2019	2019						0%					-42%	Y	Labor and material were higher than estimate due to required arc flash protection that was not in the estimate
13965602	18202701E18019	Elec Substation - Trans TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	LYNNVILLE 377 - 4859148	2019	2019						0%					-46%	Y	Labor and material costs were higher than estimate due to rerouting of conduits requiring new cable trench
13965603	18202701E18019	Elec Substation - Trans TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	LYNNVILLE 477 - 4859149	2019	2019						0%					-46%	Y	Labor and material costs were higher than estimate due to rerouting of conduits requiring new cable trench
13965908		Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	OHIO RIVER STATION 216 - 4859168	2019	2019	Project cancelled in Period 3					0%	The circuit breaker was replaced outside of the TDSIC program due to performance issues just prior to the start of the program				0%	Cancelled	
13966166	18202701E16015	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SLAUGHTER AVENUE 100 - 4859198	2019	2019						0%					20%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location. Material costs were also slightly less than estimated

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (5/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13966167	18202701E16013	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SLAUGHTER AVENUE 388 - 4858879	2018	2018						0%				70%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor.	
13966186	18202701E16015	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SLAUGHTER AVENUE 488 - 4858873	2019	2019						0%				20%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location. Material costs were also slightly less than estimated.	
13966187	18202701E16015	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SLAUGHTER AVENUE 588 - 4858878	2019	2019						0%				20%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location. Material costs were also slightly less than estimated.	
13966189	18202701E16015	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SLAUGHTER AVENUE 500 - 4858882	2019	2019						0%				20%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location. Material costs were also slightly less than estimated.	
13966194	18202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SMYTHE SUBSTATION 188 - 4852161	2019	2019						0%				12%	Y		
13966195	18202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SMYTHE SUBSTATION 288 - 4858853	2019	2019						0%				12%	Y		
13966196	18202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SMYTHE SUBSTATION 388 - 4858825	2019	2019						0%				12%	Y		
14038907	18202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SMYTHE SUBSTATION 100 - 4859714	2019	2019						0%				12%	Y		
14038908	18202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SMYTHE SUBSTATION 488 - 4858824	2019	2019						0%				12%	Y		
13964188	18202701E16018	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Transformer Replacements	BROADVIEW T1 - C05751-5-1	2019	2019						0%				-42%	Y	Labor and material were higher than estimate due to additional relocation of the distribution circuit exits. There was also added cost for site modification necessary to connect the mobile substation to maintain system load.	
13965635	18202701E16016	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	MODIFICATION T1 - A5419	2019	2019						0%				10%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor. Additionally, actual material costs were less than estimated.	
13966190	18202701E16015	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SLAUGHTER AVENUE T1 - 921080	2019	2019						0%				20%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location. Material costs were also slightly less than estimated.	
13966191	18202701E16015	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SLAUGHTER AVENUE T2 - 921079	2019	2019						0%				20%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location. Material costs were also slightly less than estimated.	
13966198	18202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SMYTHE SUBSTATION T1 - UB52938-1	2019	2019						0%				12%	Y	Material and construction cost were lower than estimated and combining the construction and engineering functions on the two transformers and associated relaying replacement work resulted in additional cost savings.	
13966200	18202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SMYTHE SUBSTATION T2 - M162434A	2019	2019						0%				12%	Y	Material and construction cost were lower than estimated and combining the construction and engineering functions on the two transformers and associated relaying replacement work resulted in additional cost savings.	
13684991	17202701E16014	Elec Substation - Distr TDSIC	Rockport	Rockport	Supervisory Control and Data Acquisition Upgrades	Distribution SCADA - Grandview	2018	2018						0%				19%	Y		
14034485	19202701E18015	Elec Substation - Trans TDSIC	Boonville	Newburgh	System Protection Relay Upgrades	Relay replacement-Culley 69KV Sub Transfer	2019	2019						0%				-31%	Y	Additional costs for replacing PTs that were not in the estimate. The existing PTs did not provide three discrete phase indications required for the new bus transfer relay system to work to standard.	
13965807	19202701E18014	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL Northeast 281-2	2019	2019						0%				12%	Y		
14034903		Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Fairlawn 12KV PROT-CONTR upgrade	2019	2019	Project cancelled in Period 4					0%	This project has been cancelled due to breaker replacements in 2021 and 2022, which will also replace the relays.			0%	Cancelled		
13964362	19202701E18012	Elec Substation - Trans TDSIC	Fort Branch	Holland	System Protection Relay Upgrades	Relay REPL Duff 284-3 278-1	2019	2019						0%				-16%	Y		
14034454	19202701E18011	Elec Substation - Trans TDSIC	Francisco	Winslow	System Protection Relay Upgrades	Relay replacement-Cato 284-3 Y39	2019	2019						0%				-9%	Y		
13964351	18202701E16029	Elec Substation - Distr TDSIC	Rockport	Dale	System Protection Relay Upgrades	Arc Flash Relay PROT Dale (SWGR)	2019	2019	Project cancelled in Period 7					0%	Arc flash protection provided would only account for the feeders (not the entire switchgear) and we will have a switchgear replacement in the future planned work.			0%	Cancelled		
13966088	18202701E18020	Elec Substation - Trans TDSIC	Evansville	Evansville	Transmission Capacitor Replacements	Pigeon Creek capacitor Bank - Install 15.6 MVAR	2019	2019						0%				10%	Y		
14035029		Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	AutoSelect - Garvin Y51-2	2022	2022	Project cancelled in Period 9					0%	Garvin substation will not require an Auto-sectionalizing controls package due to project (Maximo # 3751962- Garvin Substation Mod for Loop Feed), where we installed 69KV breakers for each line terminal entering the substation. The 69KV breakers allow for each individual 69KV line segment from Garvin substation to be disconnected.			0%	Cancelled		
13751940	19202701E16027	Elec Substation - Distr TDSIC	Boonville	Boonville	Transmission Line Looping	Boonville Substation Mod for Loop Feed	2020	2020						0%				-26%	Y	Switch mounts purchased for project were incorrectly designed, requiring operations to remediate. Additional labor and overtime labor was required for remediation in order to complete project on schedule.	
13751979	18202701E58013	Elec System Improve - Trans TDSIC	Boonville	Boonville	Transmission Line Looping	Y56 Loop-Boonville & Boonville-Pioneer Subs New Line with OPGW (2.5 mi) Eng, ROW & Cost	2020	2020						0%				9%	Y	Actual engineering costs were lower than estimate on Easement Acquisitions. Actual labor was less than estimate due to lower right-of-way clearing costs.	
13625628	18202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Transmission Line Looping	Berry Plastic Sub MOD for Loop Feed	2019	2019						0%				-22%	Y	Customer outage limitations created a short construction window requiring overtime. A city sewer line had to be abandoned for the substation site expansion which was not in the estimate.	
14035350	18202701E58014	Elec System Improve - Trans TDSIC	Evansville	Evansville	Transmission Line Looping	Y43 Berry Plastics Sub Loop Feed (0.1 mi) (incl w_OPGW Plan)	2019	2019						0%				-1%	Y		
14351119	18202701E58021	Elec System Improve - Trans TDSIC	Evansville	Evansville	Transmission Line Looping	285 Loop to Adams Substation	2019	2019						0%				100%	Y	Combined with Maximo project 13752001 (285 Rebuild Heidelberg-Angel Mounds) for field efficiencies.	
13751992	18202701E58012	Elec System Improve - Trans TDSIC	Boonville	Boonville	Transmission Line Rebuilds	Y68 Rebuild Lynnville Meter to Lynnville (12.3 mi) (No OPGW required)	2019	2019						0%				-9%	Y	The project was fixed bid for construction labor, but took longer to construct than estimated which drove up traffic control and right way measures. Material costs were also higher on the distribution stock items compared to estimate.	
13752001	17202701E58023	Elec System Improve - Trans TDSIC	Evansville	Evansville	Transmission Line Rebuilds	285 Rebuild Heidelberg- Angel Mounds (6.7 mi) (incl w_OPGW Plan)	2019	2019						0%				-2%	Y	Additional labor and material costs were due to bundling with Maximo Work Order 14351119.	
13503369	18585401E56243	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Dress SUBD	2019	2019						0%				-33%	Y	Additional labor was required due to backyard work and access restrictions throughout the substation significantly reducing productivity. A new easement was required due to a building obstruction within the existing easement, which delayed the crew and required a transformer relocation.	

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Drake/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance	Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (9/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13506076	18585401E56245	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground cable replace in Executive Manor Apt	2019	2019							0%					-11%	Y	
13506078	18585401E56272	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground cable replace in Greendale Hills Phase I	2019	2019							0%					-11%	Y	
13519179	18585401E56223	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground cable REPL in Carrolton Court Phase II	2019	2019							0%					45%	Y	Actual labor was less than estimate due to existing unknown conduit being found during construction and utilized for new conductor. This resulted in a lower than estimated boring cost
13519180	18585401E56224	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground cable replace in Castle Lake Estates	2019	2019							0%					11%	Y	
13519196	18585401E56219	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Lakeside Terrace Cable replace Phase IV	2019	2019							0%					45%	Y	Labor and material were less than estimate due to approximately a third of the underground cable was previously replaced as part of a different non-TDSIC project
13614232	18585401E56225	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground cable replace in Evergreen Acres Phase I	2019	2019							0%					-21%	Y	Additional labor was required due to the need for hydrovac or hand digging based on the locates. This led to lower productivity which resulted in higher labor costs
13633192	18585401E56259	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2019	2019							0%					10%	Y	
13633200	18585401E56246	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2019	2019							0%					-11%	Y	
13381618 14703400	18585501E56217	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Amber Ln-Ford Rd - Cable replace	2019	2019							0%					9%	Y	
13503436	18585601E56213	Elec System Improve - Distr TDSIC	Rockport	Santa Claus	Underground Cable Replacements and Looping	Santa Claus N. circuit Exit and Extension install Ph 1	2019	2019							0%					-86%	Y	Project was changed from OH to UG prior to construction to continue our commitment with the Town of Santa Claus to install only UG facilities within the town limits
13519177	18585601E56231	Elec System Improve - Distr TDSIC	Rockport	Newburgh	Underground Cable Replacements and Looping	Broadview SUBD Cable replace Phase 4	2019	2019							0%					38%	Y	Actual labor was less than estimate due to existing unknown conduit being found during construction and utilized for new conductor. This resulted in a lower than estimated boring cost
13617461	18585601E56216	Elec System Improve - Distr TDSIC	Rockport	Santa Claus	Underground Cable Replacements and Looping	Christmas Lake Cable Third Main Feed install PhI	2019	2019							0%					-10%	Y	Additional labor was required due to change order associated with boring through rock
14000946	18585601E56215	Elec System Improve - Distr TDSIC	Rockport	Santa Claus	Underground Cable Replacements and Looping	Christmas Lake cable replacement -third main feed install PhI	2019	2019							0%					-15%	Y	Due to a historical agreement with the town of Santa Claus, the overhead facilities were required to be redesigned as underground. Installing underground facilities is more expensive than installing overhead facilities
13506083	18585401E56279	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Net Trans CM-22 3000A Station N14	2022	2022	Project was cancelled						100%	This project has been cancelled due to the work being completed outside of the TDSIC program				30%	Cancelled	Pre-construction costs prior to being cancelled as work was performed outside of the TDSIC program. Costs will be moved to the project outside of TDSIC
13506158	18585401E56250	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Civic circuit 1 2 3 underground Phase II	2019	2019							0%					3%	Y	
13506192	18585401E56239	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Mulberry circuit 1 2 3 underground Phase II	2019	2019							0%					-4%	Y	
13519201		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 3000A Station N7	2019	2019	Project cancelled in Period 7						0%	No longer need the transformer due to a New Business project in the same area				0%	Cancelled	
13519202		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 3000A Station N15	2019	2019	Project cancelled in Period 7						0%	No longer need the transformer due to a New Business project in the same area				0%	Cancelled	
13518936	18585601E56225	Elec System Improve - Distr TDSIC	Boonville	Boonville	Underground Replacements	convert D2053 to a GOAB - BOWLING ALLEY-OMADALE	2019	2019							0%					-17%	Y	
13518940	18585601E56228	Elec System Improve - Distr TDSIC	Boonville	Boonville	Underground Replacements	convert D2119 to a GOAB - BOWLING ALLEY-OMADALE	2019	2019							0%					-17%	Y	
13518960		Elec System Improve - Distr TDSIC	Boonville	Boonville	Underground Replacements	convert D2134 to a GOAB - BOWLING ALLEY-FILLMAN	2019	2019	Project cancelled in Period 3						0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program				0%	Cancelled	
13961125	18585601E56210	Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Replacements	Convert Ex Inline switch to a GOAB D2589	2019	2019							0%					-75%	Y	Additional labor needed due to access issues. Pole was located rear lot and required significant amount of effort to ingress and egress for replacement and removal of existing switch
13518990	18585401E56251	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	convert D2530 to a GOAB - EPPWORTH-PARGLAWIN	2019	2019							0%					-4%	Y	
13518992	18585401E56252	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	convert D1594 to a GOAB - EPPWORTH-LOCKWOOD	2019	2019							0%					-36%	Y	Actual cost of material was higher than estimate
13519022	18585401E56271	Elec System Improve - Distr TDSIC	Evansville	Newburgh	Underground Replacements	convert D2597 to a GOAB - EPPWORTH-LOCKWOOD	2019	2019							0%					42%	Y	Actual labor was less than estimate due to reconfiguration of pole framing
13519118	18585401E56212	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	convert D1389 to a GOAB - HOOBER AVE-EPPWORTH	2019	2019							0%					18%	Y	
13960846		Elec System Improve - Distr TDSIC	Francisco	Winslow	Underground Replacements	Convert Ex Inline switch to a GOAB D2628	2019	2019	Project cancelled in Period 3						0%	Switch was replaced when the primary meter was put in at the old Glenzen substation under W08140297073				0%	Cancelled	
13960622		Elec System Improve - Distr TDSIC	Rockport	Rockport	Underground Replacements	Convert Ex Inline switch to a GOAB D1228	2019	2019	Project cancelled in Period 3						0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program				0%	Cancelled	
14159686	5854E77001	Elec Pole Replacement - Distr TDSIC		Various	Wood Pole Replacements	2019 wood pole replacements	2019	2019	Project cancelled in Period 3						0%	Cancelled due to Supreme Court decision on multiple-unit projects				0%	Cancelled	
14312148	17202701E16055	Elec Substation - Distr TDSIC	Boonville	Boonville	System Protection Relay Upgrades	Relay Replacement Degoria 188 388	2018	2018							0%					34%	Y	Project cost reduced due to internal engineering and in-house construction
14312142	17202701E16061	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Hillside 188 388	2018	2018							0%					28%	Y	Project cost reduced due to internal engineering and in-house construction
14312126	17202701E16064	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement U51 488	2018	2018							0%					24%	Y	Project cost reduced due to internal engineering and in-house construction
13751966	17202701E58022	Elec System Improve - Trans TDSIC	Mt. Vernon	Mt. Vernon	Transmission Line Rebuilds	Y31 Leonard Rd to Z-93 Rebuild (6.8 miles) (No DPGW required)	2018	2018							0%					38%	Y	Actual labor and material bids were lower than estimate
13505824	18585401E56358	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Waterworks #1 circuit Conversion (Mulberry Sub)	2019	2019							0%					-165%	Y	Additional labor was required due to heavy traffic through project site, the need for hydrovac or hand digging based on the locates and coordinating resources with the adjacent Public Improvement project and work being done by the water/sewer company. These all led to lower productivity which resulted in higher labor costs

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Draco/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (5/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13505828	18585401E56268	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Waterworks #2 circuit Conversion (Riverside Sub)	2019	2019						0%				-43%	Y		Additional labor was required due to heavy traffic through project site, the need for hydrovacu or hand digging based on the locates and coordinating resources with the adjacent Public Improvement project. These all led to lower productivity which resulted in higher labor costs
13970111	18202701E16024	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Stringtown 188-288-388-488	2019	2019						0%				4%	Y		
14312129	18202701E16026	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Tekoppel 100 188 388 488	2019	2019						0%				4%	Y		
13726602	19203401E56212	Elec System Improve - Distr TDSIC	Boonville	Boonville	12kV Circuit Rebuilds and Looping	Hospital circuit-Repl copper - 3phase	2020	2020						0%				-3%	Y		
13518714	18585401E56287	Elec System Improve - Distr TDSIC	Evansville	Haubstadt	12kV Circuit Rebuilds and Looping	3PH OH CKT tie between two radial feeds	2020	2020						0%				13%	Y		
13720962	18585401E56286	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	3PH OH tie between Armstrong and Hornville CKT	2020	2020						0%				-12%	Y		Costs in this period were trailing charges. Actual traffic control and vegetation management exceeded the estimate amount.
13612970	18585401E56277	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	BROWAY AVE circuit 3PH replace Copper PH II	2020	2020						0%				6%	Y		
13612973	19585401E56222	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	BURDETTE circuit 3PH replace copper PH I	2021	2021						0%				13%	Y		
13613113	18585401E56275	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	MARK RD circuit 3PH replace copper PH II	2020	2020						0%				0%	Y		
13726854		Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	OAK HILL ROAD circuit 3PH repl copper	2020	2020	Project cancelled in Period 6					0%	Already complete in field			0%	Cancelled		
13614853		Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Reconductor along Boonville New Harmony Rd	2020	2020	Project cancelled in Period 7					0%	Project is being cancelled because this circuit will be relocated and rebuilt in future planned non-TDSIC work			0%	Cancelled		
13613163	18585501E56224	Elec System Improve - Distr TDSIC	Francisco	Rockport	12kV Circuit Rebuilds and Looping	STENDAL circuit 3PH replace copper PH IV	2020	2020						0%				-14%	Y		
13613191	18585601E56221	Elec System Improve - Distr TDSIC	Francisco	Winslow	12kV Circuit Rebuilds and Looping	WINSLOW circuit 3PH replace copper PH II	2019	2019						0%				-29%	Y		Additional labor was required due to line clearing activities for construction access within the project right-of-way. Due to wet field conditions, restoration costs were higher than estimated
13612979	19585501E56216	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	CABORN circuit 3PH replace copper PH I	2020	2020						0%				46%	Y		Labor was less due to utilization of in-house crews
13613037	18585501E56227	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	Kimball circuit and Caborn circuit Tie Capacity upgrade	2020	2020						0%				49%	Y		Labor was less due to utilization of in-house crews
14033123	18585501E56222	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	RUSH CREEK CKT 3PH repl copper Phase II	2021	2021						0%				5%	Y		
14033122	18585501E56225	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	RUSH CREEK CKT 3PH repl copper Phase I	2021	2021						0%				-13%	Y		
13613184	18585401E56290	Elec System Improve - Distr TDSIC	Mt. Vernon	Evansville	12kV Circuit Rebuilds and Looping	UNION TOWNSHIP circuit 3PH replace copper PH II	2020	2020						0%				-3%	Y		
14312698	19202701E16014	Elec Substation - Distr TDSIC	Evansville	Evansville	4kV Conversions	CIRCUIT #5	2020	2020						0%				16%	Y		
13993861	19585401E56228	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Garrison Ave CKT Conversion (Dweland Sub) PH I	2021	2021						0%				52%	N		Construction in-progress
14044176	19585401E56229	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Garrison Ave CKT Conversion (Dweland Sub) PH II	2021	2021						0%				48%	N		Construction in-progress
13519155	18585401E56283	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Maplewood circuit Conversion (Colonial Sub) PHII	2019	2019						0%				-32%	Y		Additional labor was required due to heavy traffic through project site, additional site preparation, and the need for hydrovacu or hand digging based on the locates
13997236	18585401E56273	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Maplewood circuit Conversion (Colonial Sub) PHII	2019	2019						0%				-10%	Y		Additional labor was required due to heavy traffic through project site, additional site preparation, and the need for hydrovacu or hand digging based on the locates
13615166	18585401E56281	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Wellborn Alternate circuit Conversion (Mulberry Sub)	2020	2020						0%				8%	Y		
13519159	18585401E56284	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Whirlpool Ordinance circuit Conv (Plymouth Sub) PHII	2020	2020						0%				-23%	Y		Actual labor exceeded estimate due to Louisiana 4kv project work being performed on this project for efficiency. There is underspend on Maximo # 13519154 (Louisiana St circuit Conversion PHII) and Maximo # 13997199 (Louisiana St circuit Conversion PHII)
13997238	18585401E56285	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Whirlpool Ordinance circuit Conversion (Plymouth Sub) PHII	2020	2020						0%				-29%	Y		Actual labor was more than estimated due to additional line construction and traffic control labor required due to multiple mobilizations associated with different contractors performing work and coordination with water utility project. Productivity was lower and efficiencies were slowed due to poor condition of the existing facilities
14008721	19585401E56011	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2020-Distribution Automation #1 Kletz Rd and Armstrong circuits	2021	2021						0%				18%	N		Pre-construction costs
14008746	19585401E56256	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2020-Distribution Automation #2 Eleventh Ave and Broadway Ave circuits	2020	2020						0%				29%	Y		Labor was less due to utilization of in-house crews
14008858	19585401E56257	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2020-Distribution Automation #3 Carriage House and Old Boonville circuits	2021	2021						0%				28%	Y		Actual labor was less than estimated due to utilization of in-house crews
14008951	19585401E56259	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2020-Distribution Automation #5 Union Township and Burdette circuits	2021	2021						0%				20%	N		Construction in-progress
14008912	19585401E56258	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2020-Distribution Automation #4 Rosedale and Vogel Rd circuits	2021	2021						0%				33%	Y		Actual labor was less than estimate due to utilization of in-house crews

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (5/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13613006	19585601E56216	Elec System Improve - Distr TDSIC	Boonville	Boonville	Distribution Capacitor Replacements	Chandler circuit - capacitor upgrade	2020	2020						0%				-118%	Y		Actual labor was higher than estimated due to high volume of traffic within the project area, resulting in higher traffic control, inspection and construction labor costs
13612962	19585401E56244	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Blairsville circuit - capacitor upgrade	2020	2020						0%				46%	Y		Labor was less due to utilization of in-house crews
13612974	19585401E56245	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Burdette circuit - capacitor upgrade	2020	2020						0%				19%	Y		
13613114	19585401E56246	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Maxx Road circuit - capacitor upgrade	2020	2020						0%				18%	Y		
13612983	19585501E56217	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Distribution Capacitor Replacements	Caborn circuit - capacitor upgrade	2020	2020						0%				32%	Y		Labor was less due to utilization of in-house crews
13624446	19202701E18022	Elec Substation - Trans TDSIC	Francisco	Oakland City	Instrument Transformer Replacements	Oakland City PT replacements	2020	2020						0%				40%	Y		Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
13970267	19202701E18019	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Instrument Transformer Replacements	Mount Vernon PT replacements	2020	2020						0%				-11%	Y		
14080681	19202701E16025	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters-New Harmony-East circuit-Porcelain-Brown	2020	2020						0%				-25%	Y		Actual labor was higher than estimated due to difficulty accessing the arresters
14080682	19202701E16025	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters-New Harmony-West circuit-Porcelain-Brown	2020	2020						0%				-25%	Y		Actual labor was higher than estimated due to difficulty accessing the arresters
13970643	19202701E16030	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Battery System Replacements	Battery Replacement	2020	2020						0%				-4%	Y		
13970638	19202701E16013	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Battery System Replacements	Charger Replacement	2020	2020						0%				-80%	Y		Actual labor was higher than estimated due to contractor mobilization
13966065	19202701E16017	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	Paradise Sub SWGR #1 Replace	2020	2020						0%				-10%	Y		
13966099	19202701E16011	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	ROLLING HILLS 188 - 4858859	2020	2020						0%				-15%	Y		
13966101	19202701E16011	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	ROLLING HILLS 288 - 4858858	2020	2020						0%				-15%	Y		
14034399	19202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Angel Mounds 188 - 4859593	2020	2020						0%				25%	Y		Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and de-mobilization costs
14034414	19202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Angel Mounds 288 - 4859597	2020	2020						0%				25%	Y		Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and de-mobilization costs
14034402	19202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Angel Mounds 200 - 4859418	2020	2020						0%				25%	Y		Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and de-mobilization costs
14034398	19202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Angel Mounds 177 - 4859595	2020	2020						0%				25%	Y		Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and de-mobilization costs
14034397	19202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Angel Mounds 100 - 4859594	2020	2020						0%				25%	Y		Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and de-mobilization costs
13964270	19202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	BUCKWOOD Sub SWGR #1 Convert	2020	2020						0%				39%	Y		Labor was less than estimated due to bundling of projects resulting in savings on engineering costs and construction labor was performed by in house crews. Actual material costs of material was less due to going from a switchgear to an open bus configuration
13964263	19202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	BUCKWOOD Sub SWGR #2 Convert	2020	2020						0%				39%	Y		Labor was less than estimated due to bundling of projects resulting in savings on engineering costs and construction labor was performed by in house crews. Actual material costs of material was less due to going from a switchgear to an open bus configuration
13970644	19202701E16032	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Battery System Replacements	Battery Replacement	2021	2021						0%				1%	Y		
13964511	19202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	EAST SIDE 188 - 4852578	2020	2020						0%				-74%	Y		Labor and material were higher than estimate due to the need for replacing all four sets of regulators rather than one set which was required to accommodate the CVR project in the same sub. A newer estimate was not submitted due to time constraints of finishing the detailed engineering and starting the project earlier than planned due to the CVR project
13964512	19202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	EAST SIDE 288 - 4852579	2020	2020						0%				-74%	Y		Labor and material were higher than estimate due to the need for replacing all four sets of regulators rather than one set which was required to accommodate the CVR project in the same sub. A newer estimate was not submitted due to time constraints of finishing the detailed engineering and starting the project earlier than planned due to the CVR project
13964513	19202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	EAST SIDE 388 - 4852577	2020	2020						0%				-74%	Y		The original estimate was a level 4 estimate. It did include scope increase from replacing one set of regulators to all four sets which was done to accommodate the CVR project. The new regulator controls use fiber optic communications, running new control cable and the fiber optic cable required additional trenching, conduit, cable and labor not included in the original estimate. A newer estimate was not submitted due to time constraints of finishing the detailed engineering and starting of the projects construction.
13964515	19202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	EAST SIDE 488 - 4852576	2020	2020						0%				-74%	Y		Labor and material were higher than estimate due to the need for replacing all four sets of regulators rather than one set which was required to accommodate the CVR project in the same sub. A newer estimate was not submitted due to time constraints of finishing the detailed engineering and starting the project earlier than planned due to the CVR project
13965674	19202701E18019	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	MOUNT VERNON MAIN 177 - 4859628	2020	2020						0%				-11%	Y		
13965682	19202701E18019	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	MOUNT VERNON MAIN 277 - 4859646	2020	2020						0%				-11%	Y		
13965747	19202701E16025	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	NEW HARMONY SWITCHING STATION 277 - 4859554	2020	2020						0%				-25%	Y		Labor cost was higher than estimated due to modifications required to reconfigure disconnect switches on existing steel
14034523	19202701E18018	Elec Substation - Trans TDSIC	Rockport	Holland	Substation Circuit Breaker Replacements	REPLACE DUBOIS OCB 2000	2020	2020						0%				10%	Y		
14034527	19202701E18018	Elec Substation - Trans TDSIC	Rockport	Holland	Substation Circuit Breaker Replacements	REPLACE DUBOIS OCB 3000	2020	2020						0%				10%	Y		
14038895	19202701E16016	Elec Substation - Trans TDSIC	Rockport	Rockport	Substation Circuit Breaker Replacements	ROCKPORT 277 - 4859683	2020	2020						0%				-74%	Y		Actual labor and material costs were higher than estimated due to the need to replace 3 PTs that were found to be in poor condition on site. The PTs were leaking oil creating a potential for catastrophic failure according to manufacturer documentation
14038893	19202701E16016	Elec Substation - Trans TDSIC	Rockport	Rockport	Substation Circuit Breaker Replacements	ROCKPORT 177 - 4859687	2020	2020						0%				-74%	Y		Actual labor and material costs were higher than estimated due to the need to replace 3 PTs that were found to be in poor condition on site. The PTs were leaking oil creating a potential for catastrophic failure according to manufacturer documentation

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (9/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13966102	19202701E16011	Elec Substation - Distr TDSIC		Boonville	Boonville	Substation Transformer Replacements	ROLLING HILLS T1 - L2464258	2020	2020					0%					-15%	Y	Actual labor and material costs were higher than estimated due to the construction of a new control house which was required for the new protection and communication equipment that was installed on this project. Communication upgrades at interconnecting substations were also higher than estimated. Last, additional labor was required to relocate the antenna structure due to interference with the incoming new transmission line
13964273	19202701E16022	Elec Substation - Distr TDSIC		Evansville	Evansville	Substation Transformer Replacements	BUCKWOOD T1 - L252307	2020	2020					0%					39%	Y	Labor was less than estimated due to bundling of projects resulting in savings on engineering costs and construction labor was performed by in house crews. Actual material costs of material was less due to going from a switchgear to an open bus configuration
13964274	19202701E16022	Elec Substation - Distr TDSIC		Evansville	Evansville	Substation Transformer Replacements	BUCKWOOD T2 - L252748	2020	2020					0%					39%	Y	Labor was less than estimated due to bundling of projects resulting in savings on engineering costs and construction labor was performed by in house crews. Actual material costs of material was less due to going from a switchgear to an open bus configuration
13970645		Elec Substation - Distr TDSIC		Evansville	Evansville	Substation Battery System Replacements	Battery Replacement	2021	2021					0%					100%	Y	Combined with Maximo project 13970190 (TEKOPEL T1 - M1624348) for field efficiencies
13965307	19202701E16015	Elec Substation - Distr TDSIC		Evansville	Newburgh	Substation Transformer Replacements	GRIMM ROAD T1 - L252380	2020	2020					0%					-11%	Y	Labor was higher than estimate for the construction and electrical work. The replacement transformer had a more advanced Tap Changer control system resulting in an increase in labor for the SCADA work
13965714	19202701E16021	Elec Substation - Distr TDSIC		Evansville	Evansville	Substation Transformer Replacements	REPL of MULBERRY SUB Dist. Network T3	2020	2020					0%					28%	Y	Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and de-mobilization costs
13965715	19202701E16021	Elec Substation - Distr TDSIC		Evansville	Evansville	Substation Transformer Replacements	REPL of MULBERRY SUB Dist. Network T4	2020	2020					0%					28%	Y	Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and de-mobilization costs
14356772	20202701E18018	Elec Substation - Trans TDSIC		Evansville	Evansville	Supervisory Control and Data Acquisition Upgrades	Ohio River Station RTU Replacement	2020	2020					0%					44%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Project was combined with Maximo project 13966031 (Ohio River STAT Y31-1 Y50-1 Y30 Y32-1) creating construction efficiencies
13966066	19202701E16017	Elec Substation - Distr TDSIC		Boonville	Boonville	System Protection Relay Upgrades	Arc Flash Relay PROT Paradise (SWGIR)	2020	2020					0%					-10%	Y	
14024430	20202701E18013	Elec Substation - Trans TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Angel Mounds Y45	2020	2020					0%					10%	Y	
13965867	20202701E18013	Elec Substation - Trans TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Relay REPL -Oak Grove Y58 Y25-2	2021	2021					0%					-77%	Y	Engineering costs from Maximo 13965847 were charged to this project
13965847	20202701E16015	Elec Substation - Trans TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Relay REPL -Oak Grove T1 MSOC	2020	2020					0%					56%	Y	Engineering costs for this project were charged to Maximo 13965867
13966031	20202701E18014	Elec Substation - Trans TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Ohio River STAT Y31-1 Y50-1 Y30 Y32-1	2020	2020					0%					24%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Project was combined with Maximo project 14356772 (Ohio River Station RTU Replacement) creating construction efficiencies
13966205	20202701E16014	Elec Substation - Distr TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Arc Flash Relay PROT St Mary's (SWGIR)	2020	2020					0%					-14%	Y	
13966204	20202701E16013	Elec Substation - Trans TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-St. Mary's T1 T2 Bus tie MSOC	2020	2020					0%					34%	Y	Actual labor was less than estimate due to utilization of in-house crews
13970214	20202701E16016	Elec Substation - Trans TDSIC		Evansville	Evansville	System Protection Relay Upgrades	Relay replacement VIP T1 T2 MSOC	2020	2020					0%					49%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources
13970646		Elec Substation - Distr TDSIC		Mt. Vernon	Mt. Vernon	Substation Battery System Replacements	Battery Replacement	2023	2023	Project was cancelled				100%	This project has been cancelled due to the work being completed outside of the TDSIC program				100%	Cancelled	
13964353	20202701E16025	Elec Substation - Distr TDSIC		Rockport	Dale	System Protection Relay Upgrades	AutoSect - Dale Y64_78	2020	2020					0%					-32%	Y	Actual labor was higher due to construction bids greater than estimated
13965582	20202701E18012	Elec Substation - Trans TDSIC		Rockport	Holland	System Protection Relay Upgrades	Relay REPL-Jasper SW Y67-2 Y67-1	2020	2020					0%					21%	Y	Actual labor was less than estimated due to use of internal crews resulting in significant cost savings. Estimate assumed external contract labor
13965806	19202701E18021	Elec Substation - Trans TDSIC		Evansville	Evansville	Transmission Capacitor Replacements	Northeast Sub capacitor Bank - install 15.6 MVAR bank	2020	2020					0%					-20%	Y	Labor was higher than estimate due to a second mobilization and the need to install custom bus connections
13751987	19202701E58012	Elec System Improve - Trans TDSIC		Boonville	Newburgh	Transmission Line Looping	Y58_Y59 Loop for Paradise Sub (1.8 mi) (Incl w_OPGW plan)	2020	2020					0%					6%	Y	Actual labor was less than estimate due to right-of-way conditions that required less erosion control measures
13751962	18202701E16023	Elec Substation - Distr TDSIC		Evansville	Evansville	Transmission Line Looping	Garvin Substation Mod for Loop Feed	2019	2019					0%					49%	Y	Labor and material were less than the estimated because the specified site expansion and installation of new H-frame structures were not required
13751968	18202701E58016	Elec System Improve - Trans TDSIC		Evansville	Evansville	Transmission Line Looping	Y43_Y1 - Loop for Garvin Substation (No OPGW Required)	2019	2019					0%					10%	Y	
13751981	20202701E58011	Elec System Improve - Trans TDSIC		Boonville	Boonville	Transmission Line Rebuilds	Y68 Culley to Boonville (0.6 miles)	2021	2021					0%					43%	N	Construction in-progress
13751963	19202701E58013	Elec System Improve - Trans TDSIC		Evansville	Evansville	Transmission Line Rebuilds	Civic Center 1 Replace underground (0.5 mi)	2021	2021					0%					6%	Y	
13751978	18202701E58015	Elec System Improve - Trans TDSIC		Evansville	Evansville	Transmission Line Rebuilds	Y52-1 NE to Millersburg Rd (2.2 miles) (Incl w_OPGW plan)	2019	2019					0%					-6%	Y	
13613202	19585601E56234	Elec System Improve - Distr TDSIC		Boonville	Newburgh	Underground Cable Replacements and Looping	Broadview SLUBD Cable replace Phase 5	2020	2020					0%					18%	Y	
13614204	19585601E56217	Elec System Improve - Distr TDSIC		Boonville	Newburgh	Underground Cable Replacements and Looping	Broadview SLUBD Cable replace Phase 6	2020	2020					0%					17%	Y	
13519197	19585601E56210	Elec System Improve - Distr TDSIC		Boonville	Newburgh	Underground Cable Replacements and Looping	underground Cable replace in Meadows Apartments	2020	2020					0%					11%	Y	
13519198	19585601E56213	Elec System Improve - Distr TDSIC		Boonville	Boonville	Underground Cable Replacements and Looping	underground Cable replace in Mobile Manor Phase I	2020	2020					0%					8%	Y	
13519199	19585601E56214	Elec System Improve - Distr TDSIC		Boonville	Boonville	Underground Cable Replacements and Looping	underground Cable replace in Mobile Manor Phase II	2020	2020					0%					23%	Y	Labor was less than estimate due to the utilization of new unit-based labor rates instead of time & equipment
13613206	19585601E56212	Elec System Improve - Distr TDSIC		Boonville	Newburgh	Underground Cable Replacements and Looping	Underground Cable replacement in Ridgewood Heights	2020	2020					0%					38%	Y	Labor was less than estimate due to the utilization of new unit-based labor rates instead of time & equipment
13727088	18585401E56292	Elec System Improve - Distr TDSIC		Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMM-B	2020	2020					0%					41%	Y	Labor was less due to utilization of in-house crews

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (5/1/21-10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13727434		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2020	2020	Project cancelled in Period 4					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. All live front switchgears are replaced due to safety hazards associated with proximity of live bus during maintenance activities. In this case, replacement was not required			0%	Cancelled		
13727447	19585401E56218	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Charter Oaks Apartments Cable REPL	2020	2020						0%				36%	Y	Actual labor was less than estimated due to the utilization of unit-based labor rates instead of time & equipment	
13519184	19585401E56219	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Greenbriar Co-Op Phase I	2020	2020						0%				43%	Y	Labor and material were less than estimate because a portion of the project will be completed under Maximo project 13519187 (Greenbriar Co-Op Phase III) due to inability to secure easement	
13519185	19585401E56230	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Greenbriar Co-Op Phase II	2020	2020						0%				28%	Y	Labor was less than estimate due to the utilization of new unit-based labor rates instead of time & equipment	
13614239	19585401E56243	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Harper Heights	2020	2020						0%				38%	Y	Actual labor was less than estimated due to the utilization of unit-based labor rates instead of time & equipment	
13614240	19585401E56233	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Lakeside Terrace Cable replace Phase V	2020	2020						0%				33%	Y	Actual labor was less than estimated due to the utilization of unit-based labor rates instead of time & equipment	
14034088	19585401E56217	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Mission Viejo Cable REPL	2020	2020						0%				35%	Y	Labor was less than estimate due to the utilization of new unit-based labor rates instead of time & equipment	
13616740	18585401E56282	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Turpin SUBD	2020	2020						0%				25%	Y	Labor was less than estimate due to the utilization of new unit-based labor rates instead of time & equipment	
13614245	18585401E56288	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Valley View and Golden Towers Phase II	2020	2020						0%				42%	Y	Labor was less than estimate due to the utilization of new unit-based labor rates instead of time & equipment	
13614244	18585401E56280	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Valley View and Golden Towers Phase I	2020	2020						0%				11%	Y		
13727515		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2019	2019	Project cancelled in Period 6					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. All live front switchgears are replaced due to safety hazards associated with proximity of live bus during maintenance activities. In this case, replacement was not required			0%	Cancelled		
13975041	18585601E56224	Elec System Improve - Distr TDSIC	Rockport	Santa Claus	Underground Cable Replacements and Looping	Santa Claus N. circuit Exit and Extension Install Ph III	2019	2019						0%				17%	Y		
13975039	18585601E56223	Elec System Improve - Distr TDSIC	Rockport	Santa Claus	Underground Cable Replacements and Looping	Santa Claus N. circuit Exit and Extension Install Ph II	2019	2019						0%				4%	Y		
13519204	19585401E56221	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Mulberry circuit 1 2 3 underground Phase III	2020	2020						0%				12%	Y		
13519203	19585401E56241	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Civic circuit 1 2 3 underground Phase III	2020	2020						0%				-39%	Y	Actual labor was more than estimated due to the need to install new duct bank once existing was found to be collapsed along several spans. This along with extra traffic control and construction labor led to the overall labor variance for this project	
13617001	19585401E56225	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 City-County Building Civic 3	2020	2020						0%				24%	Y	Actual labor was less than estimated due to crew finishing project in less time than what was estimated	
13503307	19585401E56226	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 City-County Building Civic 1	2020	2020	Project cancelled in Period 7					0%	Current and future projected load did not justify the replacement of the transformer and it will be replaced under a future planned non-TDSIC project			0%	Cancelled		
13613015	19203401E56210	Elec System Improve - Distr TDSIC	Boonville	Boonville	Underling Replacements	convert D2140 to a GOAB - HOSPITAL-OMDALE SCHOOL	2020	2020						0%				75%	Y	The labor associated with the installation of the GOAB switch was bundled with the work being performed for Maximo project 13726602. The actual charges shown is for material.	
13613135		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underling Replacements	convert d1541 to a GOAB-SOUTH BOKEE-ROSEDALE	2020	2020	Project cancelled in Period 4					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program			0%	Cancelled		
13961533	19585401E56224	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underling Replacements	Convert Ex Inline switch to a GOAB D2582	2020	2020						0%				27%	Y	Labor was less due to utilization of in-house crews	
13613123		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underling Replacements	convert d1191 to a GOAB - OLMSTEAD-STRINGTOWN	2020	2020	Project cancelled in Period 4					0%	Pole will be replaced as part of E/W Line projects and will be moved to back of sidewalk as new standards state			0%	Cancelled		
13613129		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underling Replacements	convert d1194 to a GOAB - PARK ST-SEVENTH AVE_4	2020	2020	Project cancelled in Period 4					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program			0%	Cancelled		
13613167		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underling Replacements	convert d1169 to a GOAB - STRINGTOWN-NORTH KENTUCKY	2020	2020	Project cancelled in Period 4					0%	Switch pole will be replaced and moved by a conversion project in 2021			0%	Cancelled		
13961522	18585501E56228	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underling Replacements	Convert Ex Inline switch to a GOAB D2134	2020	2020						0%				40%	Y	Labor was less due to utilization of in-house crews	
13961524		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underling Replacements	Convert Ex inline switch to a GOAB D1881	2020	2020	Project cancelled in Period 5					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program			0%	Cancelled		

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (5/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13613034	19585501E56215	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underslung Replacements	convert D2357 to a GDAB - KIMBALL-INDIAN MOUNDS ROAD	2020	2020						0%					89%	Y	Labor was less due to utilization of in-house crews
13613109	19585501E56210	Elec System Improve - Distr TDSIC	Mt. Vernon	Evansville	Underslung Replacements	convert D3021 to a GDAB - MARRS-UNION TOWNSHIP	2020	2020						0%					83%	Y	Labor was less due to utilization of in-house crews
14159739		Elec Pole Replacement - Distr TDSIC		Various	Wood Pole Replacements	2020 wood pole replacements	2020	2020	Project cancelled in Period 3					0%	Cancelled due to Supreme Court decision on multiple-unit projects			0%	Cancelled		
13500027	19585401E56240	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Glennwood circuit CONV (Colonial Sub)	2021	2021						0%					-13%	Y	
13965205	18202701E16017	Elec Substation - Distr TDSIC	Evansville	Newburgh	Substation Circuit Breaker Replacements	GRIMM ROAD 188 - 4858820	2019	2019						0%					46%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location
13965243	18202701E16017	Elec Substation - Distr TDSIC	Evansville	Newburgh	Substation Circuit Breaker Replacements	GRIMM ROAD 288 - 4858822	2019	2019						0%					46%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location
13965275	18202701E16017	Elec Substation - Distr TDSIC	Evansville	Newburgh	Substation Circuit Breaker Replacements	GRIMM ROAD 388 - 4852160	2019	2019						0%					46%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location
14121210	18202701E16027	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Whippool 166 266 366	2019	2019						0%					6%	Y	
13518904	20203401E56210	Elec System Improve - Distr TDSIC	Boonville	Boonville	12KV Circuit Rebuilds and Looping	BOWLING ALLEY circuit 3PH replace Copper	2021	2021						0%					75%	N	Construction in-progress
13500058	19585601E56220	Elec System Improve - Distr TDSIC	Boonville	Newburgh	12KV Circuit Rebuilds and Looping	Extend 3PH Camelot circuit west along Oak Grove Rd	2021	2021						0%					28%	Y	Actual labor was less than the T&E not to exceed bid
13616342	19585601E56218	Elec System Improve - Distr TDSIC	Boonville	Newburgh	12KV Circuit Rebuilds and Looping	DAM circuit 3PH replace copper conductor	2021	2021						0%					0%	Y	
13612972	20585401E56242	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	BROWNING RD circuit 3PH replace Copper PH II	2021	2021						0%					14%	N	Construction in-progress
13612971	19585401E56273	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	BROWNING RD circuit 3PH replace Copper PH I	2021	2021						0%					20%	Y	Actual labor was less than the T&E not to exceed bid
13614311	20585401E56243	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	BURDETTE circuit 3PH replace Copper PH II	2021	2021	Project suspended in Period 6					0%	Project is suspended to keep planned annual budgets and caps within required parameters			0%	Suspended		
13614653	19585401E56251	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	DIVISION ST circuit 3PH replace copper	2021	2021						0%					13%	Y	
13614692	19585401E56275	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Evergreen Rd circuit Radial Tie-Larch Ln	2021	2021						0%					31%	Y	Actual labor was less than the T&E not to exceed bid
13614691	19585401E56274	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	3PH circuit tie-Elsler Rd to Hwy 41	2021	2021						0%					78%	N	Construction in-progress
13616524	19585401E56262	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Fifth Ave circuit and North Park circuit Tie upgrade	2021	2021						0%					52%	N	Construction in-progress
13616526	20585401056219	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	FIFTH AVE circuit 3PH replace copper conductor	2021	2021	Project suspended in Period 6					0%	Project is suspended to keep planned annual budgets and caps within required parameters			0%	Suspended		
13726535	20585401E56227	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	HOODSER AVE circuit 3PH repl copper Phase I	2021	2021						0%					66%	N	Pre-construction costs
13614703	18585401E56276	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	MARK RD circuit 3PH replace copper PH II	2020	2020						0%					39%	Y	Labor and material cost were less than estimate due to portion of the project being completed under a previous phase Maximo project 13613113 (Marx Rd Ph II) for efficiency
13614738	20585401E56222	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	North Boeke RD circuit upgrade	2021	2021						0%					-3%	Y	
13883947		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Convert N Kentucky Ave circuit exit to OH	2020	2020	Project cancelled in Period 7					0%	Project is being cancelled because this circuit will be eliminated in future planned non-TDSIC work			0%	Cancelled		
13614658	20585501E56213	Elec System Improve - Distr TDSIC	Francisco	Francisco	12KV Circuit Rebuilds and Looping	Douglas Station circuit_Prin Farms circuit Tie	2021	2021						0%					12%	Y	
13615034	19585501E56219	Elec System Improve - Distr TDSIC	Francisco	Rockport	12KV Circuit Rebuilds and Looping	STENDAL circuit 3PH replace copper PH V	2021	2021						0%					0%	Y	
13615206	18585601E56222	Elec System Improve - Distr TDSIC	Francisco	Winslow	12KV Circuit Rebuilds and Looping	WINSLOW circuit 3PH replace copper PH II	2019	2019						0%					-8%	Y	
13614501	20585501E56217	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	CABORN circuit 3PH replace copper PH II	2021	2021						0%					39%	N	Construction in-progress
13614504	20585501E56210	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	COPPERLINE RD circuit 3PH replace copper PH I	2021	2021						0%					38%	N	Construction in-progress
13614693	19585501E56214	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	Farmersville circuit Rebuild	2021	2021						0%					22%	Y	Actual labor was less than estimate due to utilization of in-house crews
13614508	20585601E56216	Elec System Improve - Distr TDSIC	Rockport	Holland	12KV Circuit Rebuilds and Looping	DALE NORTH circuit 3PH replace copper PH I	2021	2021						0%					34%	Y	Actual labor was less than the T&E not to exceed bid
13614620	20585601E56215	Elec System Improve - Distr TDSIC	Rockport	Dale	12KV Circuit Rebuilds and Looping	DALE SOUTH circuit 3PH replace copper PH I	2021	2021						0%					8%	Y	
13614622	20585601E56210	Elec System Improve - Distr TDSIC	Rockport	Rockport	12KV Circuit Rebuilds and Looping	Lincoln State Park - relocate feed	2021	2021						0%					23%	Y	Actual labor was less than estimated due to utilization of in-house crews for the overhead removal portion of the project
13519119		Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Rail Park circuit Conversion (Garvin Sub) PH	2022	2022						-222%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 29884ft of OH conductor, 2 Padmounted transformer, 99 distribution poles, 5 transmission poles, 3 VersaTech Reclosers and 31 PT transformers			100%	N		

CEI South
Electric TDSIC Plan Projects

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13997167		Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Ball Park circuit Conversion (Garvin Sub) PH#	2022	2022						-52%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 10440F1 of OH conductor, 17 distribution poles, 17 LED Streetlight, and 1 GOAB Switch. Deducted 6 PT transformers			100%	N		
13963432	19202701E16029	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	System Protection Relay Upgrades	Benton Corner 12KV PROT-CONTR upgrade	2021	2021						0%				-152%	Y	Actual material and labor costs were more than estimated due to additional space for the relays requiring a new control house and cable trench	
13997170		Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Ball Park circuit Conversion (Garvin Sub) PH#	2022	2022						-229%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 22845F1 of OH conductor, 136 Distribution poles, 360FT UG conductor, 3 VersaTech reclosers, 2 PT transformers, and 7 GOAB switches			100%	N		
14013045		Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Ball Park circuit Conversion (Garvin Sub) PH#	2022	2022						-68%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 14011F1 of OH conductor, 3 VersaTech reclosers and 15 GOAB switches. Deducted 29 PT transformers and 12 distribution poles			100%	N		
13519139	20585401E56234	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Grand Ave circuit Conversion (Colonial Sub)	2021	2021						0%				4%	Y		
13519151	20585401E56230	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Jackson Ave circuit Conversion (Colonial Sub) PH#	2021	2021						0%				20%	N	Construction in progress	
13997239	20585401E56231	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Jackson Ave circuit Conversion (Colonial Sub) PH#	2021	2021						0%				0%	Y		
13519154	19585401E56214	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Louisiana St circuit Conversion (Garvin Sub) PH#	2020	2020						0%				15%	Y	Actual labor was less than estimated due to work being performed on Maximo # 13519159 (Whisper Ordinance circuit Conv PH#) for efficiency	
13997199	19585401E56215	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Louisiana St circuit Conversion (Garvin Sub) PH#	2020	2020						0%				24%	Y	Actual labor was less than estimate due to work being performed on Maximo # 13519159 (Whisper Ordinance circuit Conv PH#) for efficiency and less traffic control was required	
13997204	19585401E56216	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Louisiana St circuit Conversion (Garvin Sub) PH#	2020	2020						0%				0%	Y		
14008997		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2021 Distribution Automation #1 Lafayette, Seventh and West Columbia	2022	2022						0%				100%	N		
14008964	19585401E56212	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2021 Distribution Automation #2 Enterprise and Lloyd Crossing circuits	2019	2019						0%				9%	Y		
14009005	20585401E56235	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2021 Distribution Automation #3 Jenner Rd and Oak Grove Rd circuits	2021	2022	Project pushed out a year to balance the number of DA projects to be completed in a year					0%				100%	N		
14009021		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2021 Distribution Automation #5 Homestead Ave and Old State Rd	2022	2022						0%				100%	N		
14009011	18585401E56291	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2021 Distribution Automation #4 Burkhardt Rd and Virginia Street circuits	2019	2019						0%				-78%	Y	Additional material costs in the electric reclosers per the new Distribution Automation standards	
14009033		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2021 Distribution Automation #6 Green River Rd and Eastland Mall circuits	2022	2022						0%				100%	N		
13614652	20585601E56218	Elec System Improve - Distr TDSIC	Boonville	Newburgh	Distribution Capacitor Replacements	Dam circuit - capacitor upgrade	2021	2021						0%				-75%	Y	Actual labor and material was higher than estimated due to system conditions requiring an additional capacitor bank to be installed	
13614600	20585401E56237	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Evergreen Road circuit - capacitor upgrade	2021	2021						0%				-4%	Y		
13614503	20585401E56236	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Concord Boulevard circuit - capacitor upgrade	2021	2021						0%				-4%	Y		
13614654	20585401E56238	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Division Street circuit - capacitor upgrade	2021	2021						0%				8%	Y		
13614506	20585501E56216	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Distribution Capacitor Replacements	Copperline Road circuit - capacitor upgrade	2021	2021						0%				100%	N		
13614512	20585601E56219	Elec System Improve - Distr TDSIC	Rockport	Dale	Distribution Capacitor Replacements	Dale North circuit - capacitor upgrade	2021	2021						0%				41%	Y	Actual labor was less than estimate due to utilization of in-house crews	
13614621	20585601E56220	Elec System Improve - Distr TDSIC	Rockport	Dale	Distribution Capacitor Replacements	Dale South circuit - capacitor upgrade	2021	2021						0%				-11%	Y		
13964153	20202701E16024	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	BOONVILLE PIONEER 166 - 4848992	2021	2021						0%				-3%	Y		
13970343	19202701E16021	Elec Substation - Distr TDSIC	Evansville	Evansville	Instrument Transformer Replacements	Mulberry PT replacements	2020	2020						0%				28%	Y	Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and demobilization costs	
13964154	20202701E16024	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	BOONVILLE PIONEER 188 - 4842773	2021	2021						0%				-3%	Y		
13964171	19202701E16026	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	BOONVILLE PIONEER 199 - 4842776	2021	2021						0%				8%	Y		
13964160	20202701E16024	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	BOONVILLE PIONEER 288 - 4842846	2021	2021						0%				-3%	Y		
13964161	20202701E16024	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	BOONVILLE PIONEER 388 - 4848976	2021	2021						0%				-3%	Y		
13964168	20202701E16024	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	BOONVILLE PIONEER 488 - 4848959	2021	2021						0%				-3%	Y		
13964170	20202701E16024	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	BOONVILLE PIONEER 588 - 4848978	2021	2021						0%				-3%	Y		
13964219	21202701E16011	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Broadview Sub SWGR #2 Replace	2022	2022						0%				97%	N	Pre-construction costs	

CEI South
Electric TDSIC Plan Projects

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13964217	21202701E16011	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Transformer Replacements	BROADVIEW T2 - CM17479-10001	2022	2022						0%					97%	N	Pre-construction costs
13970639	19202701E16011	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Battery System Replacements	Charger Replacement	2020	2020						0%					-15%	Y	
13970640		Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Battery System Replacements	Charger Replacement	2022	2022	Project cancelled in Period 8					0%	Project is cancelled due to Givens will have new control house in 2021 and project will be completed as part of that work			0%	Cancelled		
13970641		Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Battery System Replacements	Charger Replacement	2023	2023						0%					100%	N	
13751934	19202701E16026	Elec Substation - Distr TDSIC	Boonville	Boonville	Transmission Line Looping	City of Boonville-Pioneer Substation Mod for Loop Feed	2021	2021						0%					8%	Y	Labor came in under due to efficiencies of bundling multiple projects together at the same location
13964321	19202701E16023	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	Civic Center Sub Replace T1	2021	2021						0%					5%	Y	
13964323	19202701E16023	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	Civic Center Sub Replace T2	2021	2021						0%					5%	Y	
13964317	19202701E16023	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Civic Center Sub SWGR #1 Replace	2021	2021						0%					5%	Y	
13964320	19202701E16023	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Civic Center Sub SWGR #2 Replace	2021	2021						0%					5%	Y	
13964324		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	COURT STREET 277 - 4860088 Replacement	2023	2023						0%					100%	N	
13964350		Elec Substation - Distr TDSIC	Rockport	Dale	Substation Circuit Breaker Replacements	DALE 100 - 4858836	2023	2023	Project suspended in Period 9					0%	Project is part of existing 15kV switchgear lineup that will be replaced in a future open bus upgrade outside of the TDSIC program			0%	Suspended		
13964357		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	DEVON 488 - 4727258	2023	2023						0%					100%	N	
13964359		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	DEVON T1 - C06624-51	2023	2023						0%					100%	N	
13751997	19202701E16024	Elec Substation - Distr TDSIC	Evansville	Evansville	Transmission Line Looping	Eastland Substation MOD for Loop Feed	PSP	PSP						0%					100%	N	
13964516		Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	ELLIOTT TRANSMISSION STATION 400 - 4859157	2023	2023	Project was suspended					100%	Project is suspended to keep planned annual budgets and caps within required parameters			100%	Suspended		
13964517		Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	ELLIOTT TRANSMISSION STATION 500 - 4859158	2023	2023	Project was suspended					100%	Project is suspended to keep planned annual budgets and caps within required parameters			100%	Suspended		
13964524		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	FAIRLAWN 388 - 4852157	2022	2022						0%					100%	N	
13964526		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	FAIRLAWN 488 - 4851754	2022	2022						0%					100%	N	
13964527	21202701E16013	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	FAIRLAWN T1 - 23689452	2022	2022						0%					87%	N	Pre-construction costs
13964528	21202701E16020	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	FOLZ ROAD 188 - 4859328	2022	2022						-30%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. New trenching is required for control wires on the new breakers going back to the control house			94%	N	Pre-construction costs	
13964547	21202701E16020	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	FOLZ ROAD 288 - 4859327	2022	2022						-30%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. New trenching is required for control wires on the new breakers going back to the control house			94%	N	Pre-construction costs	
13964566		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	FOLZ ROAD 388 - 4859329	PSP	PSP						0%					100%	N	
13964568		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	FOLZ ROAD T1 - RA720704	PSP	PSP						0%					100%	N	
13964655	21202701E16024	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	FUQUAY T1 - L246425A	2022	2022						0%					93%	N	Pre-construction costs
13964724	20202701E16011	Elec Substation - Distr TDSIC	Evansville	Evansville	4kV Conversions	Garvin Sub - UPGRADE substation to 12 kV	2021	2021						0%					74%	N	Construction in-progress
13964771	20202701E16021	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	GIVENS 388 - 4859339	2021	2021						0%					-45%	Y	New control house addition needed for additional space and expansion of the substation. Actual labor and material costs were higher than estimated due to the construction of a new control house which was required for the new protection and communication equipment that was installed on this project.
13964773	20202701E16021	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	GIVENS 488 - 4859341	2021	2021						0%					-45%	Y	New control house addition needed for additional space and expansion of the substation. Actual labor and material costs were higher than estimated due to the construction of a new control house which was required for the new protection and communication equipment that was installed on this project.
13966192	18202701E16022	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Smythe T1 and T2 MSDC	2019	2019						0%					12%	Y	
13964845	20202701E16021	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Transformer Replacements	GIVENS T2 - C05750-5-1	2021	2021						0%					-45%	Y	New control house addition needed for additional space and expansion of the substation. MOAB's with 125VDC control was replaced and additional trench was added which increased material & labor cost. Actual labor and material costs were higher than estimated due to the construction of a new control house which was required for the new protection and communication equipment that was installed on this project.
14807821		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Green Oaks Sub SWGR #1 Convert	2023	2023						0%					100%	N	
13965105		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Green Oaks Sub SWGR #2 Convert	2023	2023						0%					100%	N	
13751998	20202701E58012	Elec System Improve - Trans TDSIC	Francisco	Pt. Branch	Transmission Line Looping	271 Scott to Toyota 138kV line-Phase I	2021	2021						0%					51%	N	Construction in-progress
13751989		Elec System Improve - Trans TDSIC	Evansville	Evansville	Transmission Line Rebuilds	Civic Center 2 Replace underground (0.5 mi)	2020	2020	Project cancelled in Period 7					0%	Project scope to be rolled into Civic Center 1 (Maximo work order 13751963) in order to loop in/out with overhead transmission instead of replacing underground cables			0%	Cancelled		

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (5/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13615371	20585601E56217	Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Broadview SUBD Cable replace Phase 7	2021	2021						0%				44%	Y	Actual labor was less than estimated due to the utilization of unit-based labor rates instead of time & equipment	
13616723	20585601E56224	Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Underground Cable replace in Lakeland Gardens	2021	2021						0%				22%	Y	Actual labor was less than estimated due to the utilization of unit-based labor rates instead of time & equipment	
13614241	19585601E56215	Elec System Improve - Distr TDSIC	Boonville	Boonville	Underground Cable Replacements and Looping	underground Cable replace in Mobile Manor Phase III	2020	2020						0%				27%	Y	Labor was less than estimate due to the utilization of new unit-based labor rates instead of time & equipment	
13727426	19585401E56270	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2021	2021						0%				62%	Y	Actual labor and material costs were less than estimated due to eliminating the switchgear in the field	
13727438		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2020	2020	Project cancelled in Period 7					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. All live front switchgear are replaced due to safety hazards associated with proximity of live bus during maintenance activities. In this case, replacement was not required			0%	Cancelled		
13616708	19585401E56261	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Diamond Valley	2021	2021						0%				13%	Y		
13616709	20585401E56210	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Dunaway 2	2021	2021						0%				84%	N	Pre-construction costs	
13614230	20585401E56229	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Embassy East	2021	2021	Project suspended in Period 8					0%	Project is suspended to keep planned annual budgets and caps within required parameters			0%	Suspended		
13616720	20585401E56223	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Evergreen Acres Phase II	2021	2021						0%				1%	N	Construction in-progress	
13519187	19585401E56231	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Greenbriar Co-Op Phase III	2020	2020						0%				17%	Y		
13727476	20585401E56226	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable REPL in Greenbriar Hills Phase II	2021	2021						0%				92%	N	Construction in-progress	
13519188	20585401E56225	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Highland Hills Apts	2021	2021						0%				18%	Y		
13519195	19585401E56250	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Hillview Lake	2021	2021						0%				-13%	N	Construction in-progress	
13616721	20585401E56212	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Keenland Court	2021	2021						0%				28%	Y	Actual labor was less than estimated due to the utilization of unit-based labor rates instead of time & equipment	
13616727	20585401E56214	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Lakeside Terrace Cable replace Phase VI	2021	2021						0%				31%	Y	Actual labor was less than estimated due to the utilization of unit-based labor rates instead of time & equipment	
13506086	19585401E56271	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Parkside Terrace Sub	2021	2021						0%				13%	Y		
13995684	19585401E56254	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Plaza East Cable REPL	2021	2021						0%				18%	N	Construction in-progress	
13995720		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Whispering Hills Cable REPL Phase I	2021	2021	Project suspended in Period 8					0%	Project is suspended to keep planned annual budgets and caps within required parameters			0%	Suspended		
13680225		Elec System Improve - Distr TDSIC	Francisco	Francisco	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR Unknown	2021	2021	Project cancelled in Period 6					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. In this case, replacement was not required			0%	Cancelled		
13617006	19585501E56220	Elec System Improve - Distr TDSIC	Mt. Vernon	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Das Morgen Landen	2021	2021	Project unsuspended in Period 10					-100%	Project is being unsuspended due to multiple cable failures. This caused the assets risk to be reassessed as conditions changed			0%	N	Construction in-progress	
13506082		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Little Nation Estates - UD Loop _ Tie	2021	2021	Project suspended in Period 8					0%	Project is suspended to keep planned annual budgets and caps within required parameters			0%	Suspended		
13727580		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR Unknown	2021	2021	Project cancelled in Period 6					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. In this case, replacement was not required			0%	Cancelled		
13617460	18585601E56218	Elec System Improve - Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable replace in Christmas Lake Phase 7	2021	2021						0%				2%	N	Construction in-progress	
13614253	20585401E56228	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Mulberry circuit 1 2 3 underground Phase IV	2021	2021						0%				43%	N	Construction in-progress	
13614249	20585401E56239	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Civic circuits 1 2 3 underground conductor Phase IV	2021	2021						0%				100%	N		
13617102		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Civic circuits 1 2 3 underground conductor Phase VI	2020	2020	Project cancelled in Period 7					0%	Construction method was revised for 2018-2020 UG network projects to perform replacement of an entire single circuit of underground network at one time. This resulted in the cancellation of future phases due to the reconductor already being completed			0%	Cancelled		
13616737	19585401E56267	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 300DA Station N22	2021	2021						0%				99%	N	Pre-construction costs	
13519183	19585401E56265	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 300DA Library	2021	2021						0%				1%	Y		

CEI South
Electric TDSIC Plan Projects

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13616707		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 3000A Library	2021	2021	Project suspended in Period 8					0%	Project is suspended to keep planned annual budgets and caps within required parameters			0%	Suspended		
13614826	19585401E56219	Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Replacements	convert d1763 to a GOAB-OAK GROVE RD-JENNER RD	2021	2021						0%				38%	Y	Actual labor was less than estimated due to utilization of in-house crews	
13961592		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	Convert Ex inline switch to a GOAB D1177	2020	2020	Project cancelled in Period 7					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program			0%	Cancelled		
13961803		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	Convert Ex inline switch to a GOAB D3207	2021	2021	Project cancelled in Period 6					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program			0%	Cancelled		
13963068	19585401E56252	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	Convert Ex inline switch to a GOAB D3651	2021	2021						0%				22%	Y	Actual labor was less than estimated due to utilization of in-house crews	
13614660	19585401E56264	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	convert d2023 to a GOAB- EVERGREEN RD- N CENTRAL	2021	2021						0%				-9%	Y		
13614659	19585401E56266	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	convert d1043 to a GOAB- EVERGREEN RD-DARMSSTADT	2021	2021						0%				46%	Y	Labor was less than estimate due to utilization of in-house crews	
13614513		Elec System Improve - Distr TDSIC	Rockport	Dale	Underground Replacements	convert d1705 to a GOAB - DALE SOUTH-MARBIAH HILL	2020	2020	Project cancelled in Period 7					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program			0%	Cancelled		
13614697		Elec System Improve - Distr TDSIC	Rockport	Holland	Underground Replacements	convert d1715 to a GOAB - HOLLAND-DALE NORTH	2021	2021	Project cancelled in Period 6					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program			0%	Cancelled		
13614698		Elec System Improve - Distr TDSIC	Rockport	Holland	Underground Replacements	convert d1716 to a GOAB - HOLLAND-DALE NORTH	2020	2020	Project cancelled in Period 7					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program			0%	Cancelled		
14159754		Elec Pole Replacement - Distr TDSIC		Various	Wood Pole Replacements	2021 wood pole replacements	2021	2021	Project cancelled in Period 3					0%	Cancelled due to Supreme Court decision on multiple-unit projects			0%	Cancelled		
13964363	18202701E16021	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	EAST INDUSTRIAL 388 - 4860135	2019	2019						0%				43%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location	
13964364	18202701E16021	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	EAST INDUSTRIAL 388 - 4851752	2019	2019						0%				43%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location	
13617322		Elec System Improve - Distr TDSIC	Boonville	Rockport	12KV Circuit Rebuilds and Looping	FOLSOMVILLE circuit 3PH replace copper	2022	2022						0%				100%	N		
13726677		Elec System Improve - Distr TDSIC	Boonville	Boonville	12KV Circuit Rebuilds and Looping	McCool ROAD circuit 3PH repl copper Phase I	2022	2022	Project was suspended					100%	Project is suspended to keep planned annual budgets and caps within required parameters			100%	Suspended		
13617308		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Fifth Ave circuit and Mt Auburn Tie upgrade	2022	2022	Project was cancelled					100%	Project is cancelled due to the work being completed in 2021 under Maximo WO # 13616524			100%	Cancelled		
13726520		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	GREENCOTE circuit 3PH repl copper Phase I	2022	2022						0%				100%	N		
13519117		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	HWY 57 circuit 3PH replace copper conductor	2022	2022						0%				100%	N		
13616575	21585401E56216	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	MARX RD circuit 3PH replace copper PH IV	2022	2022						-49%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 3379FT of OH conductor, 3397FT of UG conductor and 2 PT transformer. Deducted 1 pole			99%	N	Pre-construction costs	
13726880		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	S BORKE RD 3PH repl copper Phase I	2022	2022						0%				100%	N		
13726881		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	S BORKE RD 3PH repl copper Phase II	2022	2022						-210%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 35 distribution poles, 7260FT of OH conductor, 2 GOAB switches, 30 LED Streetlights, 3 Viper reclosers and 7 PT transformers			100%	N		
13616343		Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	12KV Circuit Rebuilds and Looping	DOUGLAS ST circuit 3PH replace copper PH I	2022	2022						0%				100%	N		
13616345		Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	12KV Circuit Rebuilds and Looping	DOUGLAS ST circuit 3PH replace copper PH II	2022	2022	Project was cancelled					100%	Project is being cancelled due to the work will be completed with Maximo WO# 13616343			100%	Cancelled		
13616336		Elec System Improve - Distr TDSIC	Mt. Vernon	Evansville	12KV Circuit Rebuilds and Looping	COPPERLINE RD circuit 3PH replace copper PH II	2022	2022						-71%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 21 distribution poles, 12524FT of OH conductor, and 1 PT transformer			100%	N		

CEI South
Electric TDSIC Plan Projects

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13617327		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	Ford RD circuit and Mann circuit tie Capacity upgrade	2022	2022							0%				100%	N	
13726646		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	7115 Upper Mt Vernon Rd - Move poles out of field	2022	2022	Project was cancelled						100%	Project is cancelled due to property owners being unwilling to provide easements to relocate line from the adjacent field. Established roadway right of way is not present along relocation route			100%	Cancelled	
13726889		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	WABASH circuit 3PH repl copper Phase II	2022	2022							-31%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 26 distribution poles, 6136ft of OH conductor, 2 GOAB switches, 3 VersaTech reclosers, 1 capacitor bank, and 3 PT transformers			100%	N	
13616339		Elec System Improve - Distr TDSIC	Rockport	Dale	12kV Circuit Rebuilds and Looping	DALE NORTH circuit 3PH replace copper PH II	2022	2022	Project was suspended						100%	Project is suspended to keep planned annual budgets and caps within required parameters			100%	Suspended	
13616340		Elec System Improve - Distr TDSIC	Rockport	Dale	12kV Circuit Rebuilds and Looping	DALE SOUTH circuit 3PH replace copper PH II	2022	2022							0%				100%	N	
13726644		Elec System Improve - Distr TDSIC	Rockport	Santa Clause	12kV Circuit Rebuilds and Looping	LINCOLN CITY circuit 3PH replace copper	2022	2022	Project was suspended						100%	Project is suspended to keep planned annual budgets and caps within required parameters			100%	Suspended	
13993840		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Diamond Ave CTK Conversion (Dixieland Sub) PH I	2022	2022							-24%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 3035ft of OH conductor, 3 VersaTech reclosers, 1 Distribution pole, 4 Transmission poles, and 435ft of UG conductor. Deducted 7 PT transformers and 3 GOAB switches			100%	N	
14044152		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Diamond Ave CTK Conversion (Dixieland Sub) PH II	2022	2022							-45%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 18695ft of OH conductor, 17 Distribution poles, 1 GOAB switch and 750ft of UG conductor. Deducted 1 PT transformer			100%	N	
13613122		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Faultless CTK Conversion (Plymouth Sub)	2022	2022							0%				100%	N	
13613132	20585401E56248	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Maxwell Ave CTK Conversion (Plymouth Sub) PH	2022	2022							0%				100%	N	Pre-construction costs
13997207		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Maxwell Ave CTK Conversion (Plymouth Sub) PHII	2022	2022							-43%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 5208ft of OH conductor, 26 Distribution poles, and 5 PT transformers. Deducted 965ft of UG conductor			100%	N	
14026536		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Maxwell Ave CTK Conversion (Plymouth Sub) PHIII	2022	2022							0%				100%	N	
13993871		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Ruxan CTK Conversion (Dixieland Sub)	2022	2022							-37%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 5120ft of OH conductor, 2 Distribution poles, 1 PM transformers, 840ft of UG conductor, and 1 PT transformers. Deducted 1 GOAB switch			100%	N	
13613169		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Swift CTK Conversion (Read Sub) PH	2023	2023							0%				100%	N	
13997152		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Swift CTK Conversion (Read Sub) PHII	2023	2023							0%				100%	N	
13997154		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Swift CTK Conversion (Read Sub) PHIII	2023	2023							0%				100%	N	
13997159	20585401E56218	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Town Center circuit Conversion (Garvin Sub) PHII	2021	2021							0%				12%	Y	
13613182	20585401E56219	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Town Center CTK Conversion (Garvin Sub) PH	2021	2021							0%				-9%	Y	
13997156	20585401E56220	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Town Center CTK Conversion (Garvin Sub) PHII	2021	2021							0%				0%	Y	

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (9/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13613189		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Whirlpool #1 CTT Conversion (Road Street Sub)	2023	2023						0%					100%	N	
14009261		Elec System Improve - Distr TDSIC	Boonville	Boonville	Distribution Automation	2022-Distribution Automation #5 Fillman and City circuits	2022	2022	Project was suspended					100%	Project is suspended to keep planned annual budgets and caps within required parameters				100%	Suspended	
14009118		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2022-Distribution Automation #1 John Street Midtown Park circuits	2022	2022	Project was suspended					100%	Project is suspended to keep planned annual budgets and caps within required parameters				100%	Suspended	
14009199		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2022-Distribution Automation #4 Outer Lincoln Ave and Frame Rd circuits	2022	2023	Project pushed out a year to balance the number of DA projects to be completed in a year					0%					100%	N	
14009191		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2022-Distribution Automation #3 Highland and Fifth Ave circuits	2022	2023	Project pushed out a year to balance the number of DA projects to be completed in a year					0%					100%	N	
14009152		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2022-Distribution Automation #2 Marx Rd circuits	2022	2022						0%					100%	N	
14009052		Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	Distribution Automation	2022-Distribution Automation #7 Douglas Station and Fort Branch circuits	2022	2022	Project was suspended					100%	Project is suspended to keep planned annual budgets and caps within required parameters				100%	Suspended	
14009105		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Distribution Automation	2022-Distribution Automation #6 Caborn and Farmersville circuits	2022	2022	Project was suspended					100%	Project is suspended to keep planned annual budgets and caps within required parameters				100%	Suspended	
13888994		Elec System Improve - Distr TDSIC	Boonville	Rockport	Distribution Capacitor Replacements	Holland circuit - capacitor upgrade	2022	2022						0%					100%	N	
13888998		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Distribution Capacitor Replacements	Jenner Road circuit - capacitor upgrade	2022	2022						0%					100%	N	
13889027		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Distribution Capacitor Replacements	Lenn Road circuit - capacitor upgrade	2022	2022						0%					100%	N	
13889039		Elec System Improve - Distr TDSIC	Boonville	Boonville	Distribution Capacitor Replacements	McCool Road circuit - capacitor upgrade	2022	2022						0%					100%	N	
13616333		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Browning Road circuit - capacitor upgrade	2022	2022						0%					100%	N	
13616497		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Fifth AVE circuit - capacitor upgrade	2022	2022						0%					100%	N	
13888498		Elec System Improve - Distr TDSIC	Evansville	Newburgh	Distribution Capacitor Replacements	Frame Road circuit - capacitor upgrade	2022	2022						0%					100%	N	
13888546		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Greencove circuit - capacitor upgrade	2022	2022						0%					100%	N	
14153671		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Hedden Road circuit - capacitor upgrade	2022	2022						0%					100%	N	
13888690		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Lynch Road circuit - capacitor upgrade	2022	2022						0%					100%	N	
13888789		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Rotherwood AVE circuit - capacitor upgrade	2022	2022						0%					100%	N	
13888938		Elec System Improve - Distr TDSIC	Ft. Branch	Haubstadt	Distribution Capacitor Replacements	Haubstadt circuit - capacitor upgrade	2022	2022						0%					100%	N	
13617325	21585501E56213	Elec System Improve - Distr TDSIC	Mt. Vernon	Evansville	Distribution Capacitor Replacements	Ford Road circuit - capacitor upgrade	2022	2022						0%					81%	N	Pre-construction costs
13889032		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Distribution Capacitor Replacements	Marrs circuit - capacitor upgrade	2022	2022						0%					100%	N	
13888688		Elec System Improve - Distr TDSIC	Rockport	Santa Claus	Distribution Capacitor Replacements	Lincoln City circuit - capacitor upgrade	2022	2022						0%					100%	N	
13970345		Elec Substation - Distr TDSIC	Evansville	Evansville	Instrument Transformer Replacements	Slaughter PT replacements	2019	2019						0%					100%	Y	Combined with Maximo project 13866190 (SLAUGHTER AVENUE T1 - 921080) for field efficiencies
13970261	20207701E58015	Elec System Improve - Trans TDSIC	Francisco	Oakland City	Optical Ground Wire	OPGW - Toyota to Francisco(275) 9.1 mi	2022	2022						-281%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Prior design assumptions did not include replacement of structures in OPGW projects. The new design methodology results in more accurate modeling following industry best practices. This methodology identified the need for more structure replacements				84%	N	Pre-construction costs
14006080	19202701E18019	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrestor Replacements	Replace arresters: MT VERNON MAIN Y33-Porcelain Brown	2020	2020						0%					-11%	Y	
13965325	19202701E16032	Elec Substation - Distr TDSIC	Evansville	Newburgh	Substation Transformer Replacements	GRIMM ROAD T2 - M162327A	2021	2021						0%					1%	Y	
13965473	21202701E16022	Elec Substation - Distr TDSIC	Rockport	Stendel	Substation Circuit Breaker Replacements	HEMENWAY 288 - 4858852	2022	2022						0%					96%	N	Pre-construction costs
13965493	21202701E16022	Elec Substation - Distr TDSIC	Rockport	Stendel	Substation Circuit Breaker Replacements	HEMENWAY 288 - 4858827	2022	2022						0%					96%	N	Pre-construction costs

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (5/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13965512	21202701E16022	Elec Substation - Distr TDSIC	Rockport	Stendel	Substation Transformer Replacements	HEMENWAY T1 - C02896-5-1	2022	2022						-35%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. New transformer requires relay protection and ckt switcher protection device. This requires a new control house for relay panels and SCADA equipment to be housed in			95%	N	N	Pre-construction costs
13965553	21202701E16018	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	HIRSCH ROAD SUBSTATION 388 - 4725750	2022	2022					0%					81%	N	N	Pre-construction costs
13965575	21202701E16018	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	HIRSCH ROAD SUBSTATION 388 - 4726212	2022	2022					0%					81%	N	N	Pre-construction costs
13965581		Elec Substation - Trans TDSIC	Rockport	Holland	Substation Circuit Breaker Replacements	JASPER MAIN 177 - 4860105	2023	2023					0%					100%	N	N	
13965707		Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	System Protection Relay Upgrades	Mt. Vernon 69kV transfer scheme upgrade	2022	2022					0%					100%	N	N	
13964519	19202701E16030	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	FAIRLAWN 388 - 4852153	2020	2020					0%					-4%	Y	Y	
13964522	19202701E16030	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	FAIRLAWN 288 - 4851753	2020	2020					0%					-4%	Y	Y	
13965751		Elec Substation - Trans TDSIC	Rockport	Rockport	System Protection Relay Upgrades	Newtonville L302161 and L303161	2022	2022					0%					100%	N	N	
13965802	21202701E18012	Elec Substation - Trans TDSIC	Rockport	Rockport	System Protection Relay Upgrades	Newtonville Sub DDR	2021	2022	Project pushed out a year due to materials and engineering could not be completed in time				-108%		Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Due to the availability of inputs and outputs on the digital data recorder two additional recorders are required adding material and labor costs			96%	N	N	Pre-construction costs
13965750		Elec Substation - Trans TDSIC	Rockport	Rockport	System Protection Relay Upgrades	Newtonville T5 capacitor 1 capacitor 2 MSDC	2022	2022					0%					100%	N	N	
13965845		Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	NORTHWEST 277 - 4859661	2023	2023					0%					100%	N	N	
13965868		Elec Substation - Distr TDSIC	Francisco	Oakland City	Substation Circuit Breaker Replacements	OAKLAND CITY 277 - 4859713	2023	2023					0%					100%	N	N	
13965900		Elec Substation - Distr TDSIC	Francisco	Oakland City	System Protection Relay Upgrades	Oakland City Y52-2 Y52-3 Y36 HWV64 12kV	2023	2023					0%					100%	N	N	
13965990		Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	OHIO RIVER STATION 4800 - 4859340	2023	2023	Project cancelled in Period 9				0%		Project was completed outside of the TDSIC program			0%	Cancelled		
13966020		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	OHIO RIVER STATION T1 - 17479-101-01	2023	2023					0%					100%	N	N	
13966075	19202701E18024	Elec Substation - Trans TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	PELZER 177 - 4859332	2021	2021					0%					-23%	N	N	New control house addition needed for additional space and expansion of the substation
13966076	19202701E18024	Elec Substation - Trans TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	PELZER 188 - 4852168	2021	2021					0%					-23%	N	N	New control house addition needed for additional space and expansion of the substation
13966077	19202701E18024	Elec Substation - Trans TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	PELZER 277 - 4852167	2021	2021					0%					-23%	N	N	New control house addition needed for additional space and expansion of the substation
13970318	19202701E18024	Elec Substation - Trans TDSIC	Boonville	Boonville	Instrument Transformer Replacements	Pelzer PT replacements	2021	2021					0%					-23%	N	N	New control house addition needed for additional space and expansion of the substation
13966079		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	PERRY TOWNSHIP 188 - 4852574	2023	2023	Project suspended in Period 9				0%		Project is suspended due to potential new Substation being built in 2024 outside of TDSIC program			0%	Suspended		
13966082		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	PERRY TOWNSHIP 288 - 4852172	2023	2023	Project suspended in Period 9				0%		Project is suspended due to potential new Substation being built in 2024 outside of TDSIC program			0%	Suspended		
13966086		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	PERRY TOWNSHIP T1 - L252788A	2023	2023	Project suspended in Period 9				0%		Project is suspended due to potential new Substation being built in 2024 outside of TDSIC program			0%	Suspended		
14035398	20202701E16026	Elec Substation - Distr TDSIC	Evansville	Evansville	Transmission Line Looping	Perry Twp. Substation MOD for Loop Feed	2021	2021					0%					81%	Y	Y	Original project planned for the addition of (2) new 69kV line breakers and associated equipment. Due to physical site constraints at Perry Twp. Sub an auto-sectionalizing solution was implemented
13966091		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	PPG 177 - 4859769	2023	2023	Project was suspended				100%		Project is suspended to keep planned annual budgets and caps within required parameters			100%	Suspended		
13964458	19202701E16014	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	EAST INDUSTRIAL T2 - 62 08-60774	2020	2020					0%					16%	Y	Y	Labor and material were less than estimate due to the circuit switcher, foundation and relay protection already existing
13964341	21202701E16017	Elec Substation - Trans TDSIC	Boonville	Newburgh	System Protection Relay Upgrades	Relay REPL Cully 138kV Bus 1 PROT upgrade	2022	2022					0%					92%	N	N	Pre-construction costs
13964342	21202701E16017	Elec Substation - Trans TDSIC	Boonville	Newburgh	System Protection Relay Upgrades	Relay REPL Cully 138kV Bus 2 PROT upgrade	2022	2022					0%					92%	N	N	Pre-construction costs
13965434		Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL Heidebach 69kV Bus PROT upgrade	2021	2021					0%					72%	N	N	Pre-construction costs
13965407		Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL Heidebach Y65	2021	2021					0%					72%	N	N	Pre-construction costs
13965531	20202701E16027	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL-Hillsdale T2 and T1 MSDC	2021	2021					0%					19%	Y	Y	
13965604		Elec Substation - Trans TDSIC	Boonville	Boonville	System Protection Relay Upgrades	Relay REPL-Lynnville Y57 Y64 Y68 Y36	2023	2023					0%					100%	N	N	
13965713	20202701E16028	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL Mulberry Y65 Y65-2	2021	2021					0%					-18%	Y	Y	
13965820		Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL Northeast Y56-1 Y54	2022	2022					0%					100%	N	N	
13966078	19202701E18024	Elec Substation - Trans TDSIC	Boonville	Boonville	System Protection Relay Upgrades	Relay REPL Pelzer Y61 and Y56-1	2021	2021					0%					-23%	N	N	New control house addition needed for additional space and expansion of the substation
14080685		Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arrester: Point-transformer's low side Porcelain-Brown	2023	2023					0%					100%	N	N	
14080686		Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arrester: Wadesville Y76-Porcelain-Brown	2023	2023					0%					100%	N	N	
14080679		Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters: MT VERNON MAIN transformer 1 highside-Porcelain Brown	2022	2022	Project cancelled in Period 3				0%		The 4kV circuits are being converted to 13kV and the transformers will be retired. This will cause the arrester change out to not be needed.			0%	Cancelled		

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (5/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
14080684	19202701E18023	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arrester: Point-transformer1-tertiary-Porcelain-Brown	2021	2021						0%				-97%	Y	Actual labor was more than estimated due to difficulty accessing the arresters	
14034480	21202701E16017	Elec Substation - Trans TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Replace Culey 138KV OCB 2200	2022	2022						0%				92%	N	Pre-construction costs	
14034481	21202701E16017	Elec Substation - Trans TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Replace Culey 138KV OCB 2277	2022	2022						0%				92%	N	Pre-construction costs	
13752005	21202701E58011	Elec System Improve - Trans TDSIC	Francisco	Fl. Branch	Transmission Line Looping	271 Scott to Toyota 138KV line-Phase II	2022	2022						0%				98%	N	Pre-construction costs	
13751964	20202701E58013	Elec System Improve - Trans TDSIC	Evansville	Evansville	Transmission Line Rebuilds	Y31-1 Northwest to Ohio River Rebuild (2.08 miles)	2022	2022						0%				95%	N	Pre-construction costs	
13626464	20202701E58014	Elec System Improve - Trans TDSIC	Mt. Vernon	Mt. Vernon	Transmission Line Rebuilds	Y32 Mead Jo to Mead Jo Tap Reconductor (0.9 mi) (No OPGW Required)	2022	2022						0%				91%	N	Pre-construction costs	
13616974		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Broadview SUBD Cable replace Phase 8	2022	2022						0%				100%	N		
13617088		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Sharon Rose Manor SUBD Cable replace	2022	2022	Project was cancelled					100%	Project is cancelled due to work being previously completed under Maximo WOC# 13613202			100%	Cancelled		
13617474		Elec System Improve - Distr TDSIC	Boonville	Boonville	Underground Cable Replacements and Looping	Tomahawk Drive Cable replacement	2022	2022						-68%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 5 transformers, 16 distribution poles, 215FT UG conductor, 5130FT OH conductor, 1 sectionalizing vault, and 3 Versatech Reclosers. Deducted 345FT of flex conduit			100%	N		
13617096		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Underground Cable replace in Triple Crown Estates	2022	2022						0%				100%	N		
13727087	21585401E56217	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Audubon Estates Cable REPL Phase I	2022	2022						-40%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 3 distribution poles, 390FT of OH conductor, 588FT of UG conductor, 2 3H sectionalizing vault, 8 1PH sectionalizing vault, and 1 PM transformer			100%	N	Pre-construction costs	
13727439		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR Unknown	2022	2022	Project was cancelled					100%	Project is cancelled due to switchgear being replaced outside of the TDSIC program			100%	Cancelled		
13727441		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2022	2022						0%				100%	N		
13617010		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Evergreen Acres Phase III	2022	2022						-180%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 28 transformers, 83 distribution secondary poles, 5929FT UG conductor, 3 sectionalizing vaults, and 4445FT of flex conduit			100%	N		
13727474		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Glenview Industrial Cable REPL	2022	2022						-198%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 1344FT of OH conductor, 306FT of UG conductor, 1 PM transformer, 2 GOAB switches, and 2 - 600A switchgear			100%	N		
13727483		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR -2 PMH-9	2022	2022	Project was cancelled					100%	Project is cancelled due to switchgear being replaced outside of the TDSIC program			100%	Cancelled		
13727480		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR-1 PMH-9	2022	2022	Project was cancelled					100%	Project is cancelled due to switchgear being replaced outside of the TDSIC program			100%	Cancelled		
13617014		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Jamestown Section	2022	2022						27%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 6 transformers. Removed 1520FT of UG conductor, 2180FT of flex conduit, and 1 sectionalizing vault			100%	N		
13617031		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Liberty Terrace Cable replace	2022	2022						55%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 2107FT of UG conductor and 2-3H sectionalizing vault. Deducted 2-1PH sectionalizing vaults and 2000FT of Flex Conduit			100%	N		

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (9/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13727548		Elec System Improve - Distr TDSIC	Evansville	Newburgh	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PKM# 9	2022	2022	Project was cancelled					100%	Project is cancelled due to switchgear being replaced outside of the TDSIC program			100%		Cancelled	
13617056		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Old State One Thru Four Phase I	2022	2022						0%				100%		N	
13617469		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Old State One Thru Four Phase II	2022	2022						0%				100%		N	
13617471	20585401E56232	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Regency Club Apartments Cable replace	2021	2021						0%				79%		N	Pre-construction costs
13617058		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Romain Park	2022	2022						0%				100%		N	
13727597		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Roman Acres Cable REPL	2022	2022						-238%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 18 transformers, 12 distribution poles, 3450FT UG conductor, 3750FT OH conductor, 4 sectionalizing vaults, and 4 electronic sectionalizers			100%		N	
13727697		Elec System Improve - Distr TDSIC	Evansville	Newburgh	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR Unknown	2022	2022	Project was cancelled					100%	Project is cancelled due to switchgear being replaced outside of the TDSIC program			100%		Cancelled	
13617476		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground replacement in Westbrooke W. Phase II	2022	2022						0%				100%		N	
13617478		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground replacement in Westbrooke W. Phase III	2022	2022						21%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. Added 6 transformers and 2 single phase vaults. Removed 8 retro sectionalizing vaults, 594FT of UG conductor, and 1600FT of flex conduit			100%		N	
13617100		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground replace in Westbrooke W. Phase I	2022	2022						0%				100%		N	
13616851		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Civic circuits 1 2 3 underground conductor Phase V	2020	2020	Project cancelled in Period 7					0%	Construction method was revised for 2018-2020 UG network projects to perform replacement of an entire single circuit of underground network at one time. This resulted in the cancellation of future phases due to the reconductor already being completed			0%		Cancelled	
13617462		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 One Riverfront Place 1	2022	2022						0%				100%		N	
13506074		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Net Trans CM-22 One Riverfront Place 2	2022	2022						0%				100%		N	
13617049	19585401E56268	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 3000A Station N23	2021	2021						0%				90%		N	Pre-construction costs
13616876		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Mulberry circuit 1 2 3 underground Phase V	2020	2020	Project cancelled in Period 7					0%	Construction method was revised for 2018-2020 UG network projects to perform replacement of an entire single circuit of underground network at one time. This resulted in the cancellation of future phases due to the reconductor already be completed			0%		Cancelled	
13616540	21585401E56214	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underlurg Replacements	convert #1521 to a GOAB-JOHN ST-RIVERSIDE DRIVE	2022	2022						0%				100%		N	Pre-construction costs
13963078		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underlurg Replacements	Convert Ex inline switch to a GOAB D3002	2022	2022						0%				100%		N	
13963088		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underlurg Replacements	Convert Ex inline switch to a GOAB D1574	2022	2022	Project was cancelled					100%	Project is cancelled due to underlurg already being replaced outside of TDSIC program			100%		Cancelled	
13963091		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underlurg Replacements	Convert Ex inline switch to a GOAB D3059	2022	2022						0%				100%		N	
14159756		Elec Pole Replacement - Distr TDSIC		Various	Wood Pole Replacements	2022 wood pole replacements	2022	2022	Project cancelled in Period 3					0%	Cancelled due to Supreme Court decision on multiple-unit projects			0%		Cancelled	
13727475	17585401E56297	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Green River Estates A Cable REPL Phase I	2018	2018						0%				-25%		Y	Inherent weather caused poor working conditions. Backyard access restrictions caused inefficiencies. Both drove labor costs higher than estimate. Added 625' of bore to the project to remove existing 3ph vault from parking lot
13612989		Elec System Improve - Distr TDSIC	Boonville	Boonville	12kV Circuit Rebuilds and Looping	Chandler and McCool CKT Tie Capacity UG/DIG	2023	2023						0%				100%		N	
13726871		Elec System Improve - Distr TDSIC	Boonville	Boonville	12kV Circuit Rebuilds and Looping	PELZER CKT 3PH repl copper Phase I	2023	2023						0%				100%		N	
13500120		Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	ELLENWOOD 2 CKT 3PH repl copper Phase II	2023	2023						0%				100%		N	

CEI South
Electric TDSIC Plan Projects

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13500119		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	ELLENWOOD 2 CKT 3PH repl copper Phase I	2023	2023						0%				100%	N		
13617410		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Highland -Mt Auburn CKT Tie Capacity UPGRDE	2023	2023						0%				100%	N		
13726637		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	KRATZVILLE ROAD 3PH repl copper Phase I	2023	2023						0%				100%	N		
13617423		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	MARX RD CKT 3PH repl copper PH IV	2023	2023						0%				100%	N		
13726800		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	MT AUBURN CKT 3PH repl copper Phase I	2023	2023						0%				100%	N		
13726683		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Convert MT AUBURN CKT exit to OH	2023	2023						0%				100%	N		
13501928		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	STOCKWELL RD CKT 3PH repl copper Phase I	2023	2023						0%				100%	N		
13615072		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	UNION TOWNSHIP 3PH repl copper PH III	2023	2023						0%				100%	N		
13726515		Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	12KV Circuit Rebuilds and Looping	FORT BRANCH CKT 3PH repl copper Phase II	2023	2023						0%				100%	N		
13617276		Elec System Improve - Distr TDSIC	Mt. Vernon	Evansville	12KV Circuit Rebuilds and Looping	COPPERLINE RD CKT 3PH repl copper PH III	2023	2023						0%				100%	N		
13617328		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	Ford RD CKT UPGRDE	2023	2023						0%				100%	N		
13726647		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	Relo 1PH to road from field- Lower Mt Vernon Rd	2023	2023						0%				100%	N		
13505938		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	SPRINGFIELD CKT 3PH repl copper Phase I	2023	2023						0%				100%	N		
13613187		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	Uniontown Three PH Feeder CKT Tie	2023	2023						0%				100%	N		
13617305		Elec System Improve - Distr TDSIC	Rockport	Rockport	12KV Circuit Rebuilds and Looping	DALE SOUTH CKT 3PH repl copper PH III	2023	2023						0%				100%	N		
13993863		Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Kentucky Ave CKT Conversion (Dixieland Sub) Ph I	2023	2023						0%				100%	N		
14044159		Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Kentucky Ave CKT Conversion (Dixieland Sub) Ph II	2023	2023						0%				100%	N		
14044160		Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Kentucky Ave CKT Conversion (Dixieland Sub) Ph III	2023	2023						0%				100%	N		
13613133		Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Olmstead Ave circuit Conversion (Garvin Sub) PHII	2023	2023						0%				100%	N		
13996885		Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Olmstead Ave circuit Conversion (Garvin Sub) PHIII	2023	2023						0%				100%	N		
13996887		Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Olmstead Ave circuit Conversion (Garvin Sub) PHIII	2023	2023						0%				100%	N		
14011918		Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	Olmstead Ave CKT Conversion (Garvin Sub) PHIV	2023	2023						0%				100%	N		
13613168	20585401E56233	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	STRINGTOWN CKT Conversion (Garvin Sub) PHI	2020	2020						0%				4%	Y		
13996859	20585401E56215	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	STRINGTOWN CKT Conversion (Garvin Sub) PHII	2021	2021						0%				-3%	Y		
13996860	20585401E56216	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	STRINGTOWN CKT Conversion (Garvin Sub) PHIII	2021	2021						0%				6%	Y		
13996864	20585401E56217	Elec System Improve - Distr TDSIC	Evansville	Evansville	4KV Conversions	STRINGTOWN CKT Conversion (Garvin Sub) PHIV	2021	2021						0%				9%	Y		
13993860		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	4KV Conversions	Fuhrer Ford CKT Conversion (Water Street Sub)	2023	2023						0%				100%	N		
14009566		Elec System Improve - Distr TDSIC	Boonville	Boonville	Distribution Automation	2023 Distribution Automation #3 McCool Rd and Chandler circuits	2020	2020	Project suspended in Period 7					0%				0%	Suspended		
14009601		Elec System Improve - Distr TDSIC	Boonville	Boonville	Distribution Automation	2023 Distribution Automation #5 Bowling Alley and Oak Dale School	2023	2023						0%				100%	N		
14009307		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2023 Distribution Automation #1 Browning Rd and Wortman Rd CKTs	2023	2023						0%				100%	N		
14009323		Elec System Improve - Distr TDSIC	Francisco	Haubstadt	Distribution Automation	2023 Distribution Automation #2 Haubstadt and Warrenon circuits	2023	2023						0%				100%	N		
14009575		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Distribution Automation	2023 Distribution Automation #4 Marrs and Indiana Mounds circuits	2020	2020	Project suspended in Period 7					0%				0%	Suspended		
13617312		Elec System Improve - Distr TDSIC	Boonville	Rockport	Distribution Capacitor Replacements	Folsomville CKT - CAP UPGRDE	2023	2023						0%				100%	N		
13889048		Elec System Improve - Distr TDSIC	Boonville	Boonville	Distribution Capacitor Replacements	Vanada CKT - CAP UPGRDE	2023	2023						0%				100%	N		
13888655		Elec System Improve - Distr TDSIC	Boonville	Boonville	Distribution Capacitor Replacements	Hospital CKT - CAP UPGRDE	2023	2023						0%				100%	N		
13888784		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Distribution Capacitor Replacements	Oak Grove Road CKT - CAP UPGRDE	2023	2023						0%				100%	N		
13888935		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Harmony Way CKT - CAP UPGRDE	2023	2023						0%				100%	N		
13889018		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Kietz Road CKT - CAP UPGRDE	2023	2023						0%				100%	N		
13888741		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	MT Auburn CKT - CAP UPGRDE	2023	2023						0%				100%	N		

CEI South
Electric TDSIC Plan Projects

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1388787		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Outer Lincoln AVE CKT - CAP UPGRADE	2023	2023						0%				100%	N		
1388795		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Thompson AVE CKT - CAP UPGRADE	2023	2023	Project cancelled in Period 5					0%	Project cancelled due to CVR project in 2019/2020 on the same circuit			0%	Cancelled		
1388800		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Villa Drive CKT - CAP UPGRADE	2023	2023						0%				100%	N		
1396365	21202701E16014	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	REPLACE HEIDELBACH OCB 2177	2022	2022						0%				85%	N	Pre-construction costs	
1396386	21202701E16014	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	REPLACE HEIDELBACH OCB 2277	2022	2022						0%				85%	N	Pre-construction costs	
14035295	20202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	REPLACE NORTHEAST 138KV OCB 2126	2021	2021						0%				-9%	Y		
14035296	20202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	REPLACE NORTHEAST 138KV OCB 2188	2021	2021						0%				-9%	Y		
14035304	20202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	REPLACE NORTHEAST 138KV OCB 2288	2021	2021						0%				-9%	Y		
13970256	21202701E16012	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Replacement of YANKEETOWN 12KV circuit Breaker 1	2022	2022						0%				80%	N	Pre-construction costs	
13970259	21202701E16012	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Replacement of YANKEETOWN 12KV circuit Breaker 2	2022	2022						0%				80%	N	Pre-construction costs	
13966098	21202701E16016	Elec Substation - Distr TDSIC	Rockport	Rockport	System Protection Relay Upgrade	Rockport 12KV PROT-CONTR Upgrade	2022	2022						0%				93%	N	Pre-construction costs	
13966094	21202701E16016	Elec Substation - Distr TDSIC	Rockport	Rockport	Substation Circuit Breaker Replacements	ROCKPORT 388 - 4859684	2022	2022						0%				93%	N	Pre-construction costs	
13966096	21202701E16016	Elec Substation - Distr TDSIC	Rockport	Rockport	Substation Transformer Replacements	ROCKPORT T2 - PGP-16752	2022	2022						0%				93%	N	Pre-construction costs	
13966201		Elec Substation - Trans TDSIC	Rockport	Holland	Substation Circuit Breaker Replacements	SAINT HENRY 177 - 4859202	2023	2023						0%				100%	N		
13966203		Elec Substation - Trans TDSIC	Rockport	Holland	Substation Circuit Breaker Replacements	SAINT HENRY 277 - 4859204	2023	2023						0%				100%	N		
13966103	21202701E16015	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	SAINT PHILLIPS 188 - 4859313	2022	2022						0%				91%	N	Pre-construction costs	
13966105	21202701E16015	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	SAINT PHILLIPS 288 - 4859314	2022	2022						0%				91%	N	Pre-construction costs	
13966106	21202701E16015	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Transformer Replacements	SAINT PHILLIPS T1 - A6080	2022	2022						-53%	Originally a Class 4 estimate updated to Class 2. Engineering estimated project based on current design and construction standards. New transformer requires relay protection and ckt switcher protection device. This requires a new control house for relay panels and SCADA equipment to be housed in			91%	N	Pre-construction costs	
13966108	20202701E16022	Elec Substation - Distr TDSIC	Evansville	Haubstadt	Substation Circuit Breaker Replacements	SAINT WENDELL 188 - 4859705	2021	2021						0%				30%	N	Construction in-progress	
13966154	20202701E16022	Elec Substation - Distr TDSIC	Evansville	Haubstadt	Substation Circuit Breaker Replacements	SAINT WENDELL 288 - 4859706	2021	2021						0%				30%	N	Construction in-progress	
13966155	20202701E16022	Elec Substation - Distr TDSIC	Evansville	Haubstadt	Substation Circuit Breaker Replacements	SAINT WENDELL 388 - 4859707	2021	2021						0%				30%	N	Construction in-progress	
13966156	20202701E16022	Elec Substation - Distr TDSIC	Evansville	Haubstadt	Substation Transformer Replacements	SAINT WENDELL T1 - A5735	2021	2021						0%				30%	N	Construction in-progress	
13966158	21202701E16023	Elec Substation - Trans TDSIC	Rockport	Dale	Substation Circuit Breaker Replacements	SANTA CLAUS 188 - 4852575	2022	2022						0%				78%	N	Pre-construction costs	
13966163	21202701E16023	Elec Substation - Distr TDSIC	Rockport	Dale	Substation Circuit Breaker Replacements	SANTA CLAUS 288 - 4852578	2022	2022						0%				78%	N	Pre-construction costs	
13751983	20202701E18015	Elec Substation - Trans TDSIC	Evansville	Evansville	Transmission Line Looping	Scott Sub New Z71 Line Terminal	2021	2021						0%				58%	Y	Actual labor was less than estimate due to utilization of in-house crews	
13970090		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	STRINGTOWN T2 - 1925610101	2023	2023	Project suspended in Period 9					0%	Project is suspended to keep planned annual budgets and caps within required parameters in order to move Mulberry T5 (Maximo #13965745) from PSP to 2023			0%	Suspended		
13970132		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SUNBEAM 388 - 4858862	2023	2023						0%				100%	N		
13970141		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SUNBEAM 488 - 4858837	2023	2023						0%				100%	N		
13970162		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SUNBEAM T1 - C46879-1-1	2023	2023						0%				100%	N		
13970142	19202701E16031	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SUNBEAM T2 - L252866	2021	2021						0%				-26%	Y	Actual material and labor was more than estimate due to new MODAP's, replaced because of condition, and rebar on transformer foundation required a larger size	
13970187	20202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	TEKOPPEL 288 - 4860092	2021	2021						0%				-11%	Y		
13970190	20202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	TEKOPPEL T1 - M1624348	2021	2021						0%				-11%	Y	Actual labor was more than estimated due to soil remediation needed to install transformer foundations	
13970189	20202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	TEKOPPEL T2 - U833023-1	2021	2021						0%				-11%	Y	Actual labor was more than estimated due to soil remediation needed to install transformer foundations	
13751984	21202701E18011	Elec Substation - Trans TDSIC	Francisco	Ft. Branch	Transmission Line Looping	Toyota Sub New Z71 Line Terminal	2022	2022						0%				90%	N	Pre-construction costs	
13964287	19202701E16023	Elec Substation - Distr TDSIC	Evansville	Evansville	Supervisory Control and Data Acquisition Upgrades	UG Network SCADA Distribution Civic	2021	2021						0%				5%	Y		
13752004		Elec System Improve - Trans TDSIC	Boonville	Boonville	Transmission Line Rebuilds	Y68&777 Castle to Lynnville Meter (4.8 mi) (No OPGW required)	2023	2023						0%				100%	N		
13752010		Elec System Improve - Trans TDSIC	Evansville	Evansville	Transmission Line Rebuilds	Z85-2 Grimm to Angel Mounds (3.2)	2023	2023						0%				100%	N		
13751991		Elec System Improve - Trans TDSIC	Francisco	Oakland City	Transmission Line Rebuilds	Y35 Rebuild Kings - Oakland City (13.2 mi) w_OPGW	2023	2023						0%				100%	N		
14039102	18202701E58017	Elec System Improve - Trans TDSIC	Francisco	Dale	Transmission Line Rebuilds	Y67-2 Rebuild Dubois-Huntingburg (3.5 mi) w_OPGW	2019	2019						0%				-12%	Y	Actual labor and material were higher than estimate due to adding three transmission poles as well as more traffic control and access mats needed at multiple structures	
13727491		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Highridge SUBD Cable REPL	2023	2023						0%				100%	N		
13727635		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Tanglewood SUBD Cable REPL Phase I	2023	2023						0%				100%	N		
13614247		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Village Lane Apartments Cable REPL	2023	2023						0%				100%	N		
13727431		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Brookshire Estates Cable REPL Phase I	2023	2023						0%				100%	N		

CEI South
Electric TDSIC Plan Projects

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13727440		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2023	2023						0%					100%	N	
13519178		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Carriage House II Apt Cable REPL	2023	2023						0%					100%	N	
13727464		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Eastland Estates Cable REPL Phase I	2023	2023						0%					100%	N	
13616732		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	UG Cable REPL in Mater Dei Provincial	2023	2023						0%					100%	N	
13727552		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	McCullough Cable REPL	2023	2023						0%					100%	N	
13727581		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	North Lake Village Phase I Cable REPL	2023	2023						0%					100%	N	
13727582		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Orchard Knoll Estates Cable REPL Phase I	2023	2023						0%					100%	N	
13727586		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Peach Blossom SUBD Cable REPL	2023	2023						0%					100%	N	
13727611		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Spring Street Cable REPL	2023	2023						0%					100%	N	
13727666		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Town and Country Est Cable REPL Phase I	2023	2023						0%					100%	N	
13727667		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	University Heights Cable REPL Phase I	2023	2023						0%					100%	N	
13617099		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	UG Cable REPL in Walling SUBD	2023	2023						0%					100%	N	
13617508		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Wiltshire Cable REPL	2023	2023						0%					100%	N	
13617463		Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	Underground Cable Replacements and Looping	CR 3600N Lincoln City - Albin Rd	2023	2023						0%					100%	N	
13506085		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Repl Net Trans CM-22 3000A Station N25	2023	2023						0%					100%	N	
13617466		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Repl Net Trans CM-22 3000A Station N24	2023	2023						0%					100%	N	
13963265		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex Inline switch to a GOAB D2615	2023	2023						0%					100%	N	
13963269		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex Inline switch to a GOAB D1131	2023	2023						0%					100%	N	
13963364		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex Inline switch to a GOAB D1587	2023	2023						0%					100%	N	
13963366		Elec System Improve - Distr TDSIC	Francisco	Winslow	Underslung Replacements	Convert Ex Inline switch to a GOAB D1693	2023	2023						0%					100%	N	
14159759		Elec Pole Replacement - Distr TDSIC		Various	Wood Pole Replacements	2023 wood pole replacements	2023	2023	Project cancelled in Period 3					0%	Cancelled due to Supreme Court decision on multiple-unit projects				0%	Cancelled	
14039080	17202701E58018	Elec System Improve - Trans TDSIC	Evansville	Evansville	East West Transmission Line	East to West 138KV Transmission Line	2019-2022	2019-2022						0%					40%	N	Construction in-progress
14034225	17585501E56238	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Indiana Port-Mt Vernon Cable Repl	2019	2019						0%					-7%	Y	
14034226	17585501E56240	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Nation Rd and Alderson Ln-Cable Repl	2018	2018						0%					-2%	Y	
14033064	18585401E56244	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	LODGE AVE CKT 3PH repl copper Phase I	2019	2019						0%					10%	Y	Actual cost of material was less than estimated
14312136	18202701E16025	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Slaughter 688	2019	2019						0%					33%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location. Material costs were also slightly less than estimated
14312141	18202701E16028	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Oak Grove Road 188 288	2019	2019						0%					-9%	Y	
13965709		Elec Substation - Distr TDSIC	Evansville	Evansville	Supervisory Control and Data Acquisition Upgrades	Underground Network SCADA-Distribution Mulberry	2022	2022						0%					100%	N	
13970222		Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	WADESVILLE 188 - 4859596	2023	2023						0%					100%	N	
13970223		Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	WADESVILLE 288 - 4859241	2023	2023						0%					100%	N	
14033019		Elec System Improve - Distr TDSIC	Boonville	Newburgh	12KV Circuit Rebuilds and Looping	Green Springs CKT - Repl copper conductor	PSP	PSP						0%					100%	N	
13726527		Elec System Improve - Distr TDSIC	Boonville	Newburgh	12KV Circuit Rebuilds and Looping	HERITAGE CKT 3PH replace copper	PSP	PSP						0%					100%	N	
14033027		Elec System Improve - Distr TDSIC	Boonville	Newburgh	12KV Circuit Rebuilds and Looping	HWY 662 CKT 3PH repl copper Phase I	PSP	PSP						0%					100%	N	
13726631		Elec System Improve - Distr TDSIC	Boonville	Boonville	12KV Circuit Rebuilds and Looping	JENNER ROAD CKT 3PH replace copper	PSP	PSP						0%					100%	N	
13726864		Elec System Improve - Distr TDSIC	Boonville	Boonville	12KV Circuit Rebuilds and Looping	OAKDALE SCHOOL 3PH repl copper Phase I	PSP	PSP						0%					100%	N	
13726873		Elec System Improve - Distr TDSIC	Boonville	Boonville	12KV Circuit Rebuilds and Looping	PILZER CKT 3PH repl copper Phase II	PSP	PSP						0%					100%	N	
13614502	19585401E56213	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	CONCORD BLVD CKT 3PH repl copper	PSP	PSP						0%					100%	N	
13726523		Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	HEDDEN ROAD CKT 3PH replace copper	PSP	PSP						0%					100%	N	

CEI South
Electric TD5IC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TD5IC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (9/1/21 - 10/31/21)	Actual \$ Since TD5IC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
14033030	19585401E56220	Elec System Improve - Distr TD5IC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Convert 1PH to 3PH along Schenk Rd	PSP	PSP						0%					100%	N	Pre-construction costs prior to project being moved back into PSP to keep annual planned budgets aligned
14033028		Elec System Improve - Distr TD5IC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	HORNVILLE CKT 3PH replace copper	PSP	PSP						0%					100%	N	
13726633		Elec System Improve - Distr TD5IC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	KRATZVILLE RD 3PH repl copper Phase II	PSP	PSP						0%					100%	N	
13613116	19585401E56232	Elec System Improve - Distr TD5IC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Extend Ohio Township CKT to Epworth Rd	2020	2020						0%					2%	Y	
14033067	19585401E56235	Elec System Improve - Distr TD5IC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	POLACK AVE CKT 3PH repl copper Phase I	PSP	PSP	Project was cancelled					100%	Project was completed outside of the TD5IC program				100%	Cancelled	
14033133		Elec System Improve - Distr TD5IC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	THOMPSON AVE CKT 3PH repl copper Phase I	PSP	PSP						0%					100%	N	
13616581	18585401E56289	Elec System Improve - Distr TD5IC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	UNION TOWNSHIP 3PH repl copper PH IV	PSP	PSP	Project was cancelled					100%	Project was completed outside of the TD5IC program				100%	Cancelled	
14033159	19585401E56238	Elec System Improve - Distr TD5IC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	VILLA DRIVE CKT 3PH repl copper Phase I	PSP	PSP	Project was cancelled					100%	Project was completed outside of the TD5IC program				100%	Cancelled	Pre-construction costs prior to project being moved back into PSP to keep annual planned budgets aligned
13726890		Elec System Improve - Distr TD5IC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	WADESVILLE CKT 3PH repl copper Phase I	PSP	PSP						0%					100%	N	
13726521		Elec System Improve - Distr TD5IC	Francisco	Hautstadt	12KV Circuit Rebuilds and Looping	HAUBSTADT CKT 3PH replace copper	PSP	PSP						0%					100%	N	
14033066		Elec System Improve - Distr TD5IC	Francisco	Pt. Branch	12KV Circuit Rebuilds and Looping	MONTGOMERY CKT 3PH replace copper	PSP	PSP						0%					100%	N	
13720968	19585501E56214	Elec System Improve - Distr TD5IC	Mt. Vernon	Evansville	12KV Circuit Rebuilds and Looping	Blairsville CKT Repl 3PH repl copper conduit	PSP	PSP	Project was cancelled					100%	Project was completed outside of the TD5IC program				100%	Cancelled	Pre-construction costs prior to project being moved back into PSP to keep annual planned budgets aligned
14032980	19585501E56213	Elec System Improve - Distr TD5IC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	Edson and Indian Mounds CKT Tie Capacity UPGRADE	PSP	PSP						0%					100%	N	
14032982	19585501E56212	Elec System Improve - Distr TD5IC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	FARMERSVILLE CKT 3PH repl copper Phase I	PSP	PSP	Project was cancelled					100%	Project was completed outside of the TD5IC program				100%	Cancelled	
14033013		Elec System Improve - Distr TD5IC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	FORD RD CKT 3PH repl copper PH I	PSP	PSP						0%					100%	N	
14033039		Elec System Improve - Distr TD5IC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	INDIAN MOUNDS ROAD 3PH replace copper	PSP	PSP						0%					100%	N	
13501706		Elec System Improve - Distr TD5IC	Mt. Vernon	Evansville	12KV Circuit Rebuilds and Looping	IFPhase CKT Tie along Darnell School Rd	PSP	PSP						0%					100%	N	
13519161		Elec System Improve - Distr TD5IC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	SPRINGSFIELD CKT 3PH repl copper PH II	PSP	PSP						0%					100%	N	
14033155		Elec System Improve - Distr TD5IC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	UNIONTOWN CKT 3PH repl copper Phase I	PSP	PSP						0%					100%	N	
13726886		Elec System Improve - Distr TD5IC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	WABASH CKT 3PH repl copper Phase I	PSP	PSP						0%					100%	N	
13726529	18585601E56230	Elec System Improve - Distr TD5IC	Rockport	Dale	12KV Circuit Rebuilds and Looping	HOLLAND CKT 3PH repl copper Phase I	2019	2019						0%					-14%	Y	
13726533		Elec System Improve - Distr TD5IC	Rockport	Dale	12KV Circuit Rebuilds and Looping	HOLLAND CKT 3PH repl copper Phase II	PSP	PSP						0%					100%	N	
13703653		Elec System Improve - Distr TD5IC	Rockport	Rockport	12KV Circuit Rebuilds and Looping	Convert ROSE HILL CKT exit from UG to OH	PSP	PSP						0%					100%	N	
14391383		Elec Substation - Trans TD5IC	Francisco	Dale	Instrument Transformer Replacements	Saint Henry PT REPLs	2023	2023						0%					100%	N	
13970342		Elec Substation - Trans TD5IC	Rockport	Rockport	Instrument Transformer Replacements	Tell City PT REPLs	2023	2023						0%					100%	N	
13965899		Elec Substation - Distr TD5IC	Francisco	Oakland City	Substation Circuit Breaker Replacements	Replace OAKLAND CITY 188	2023	2023						0%					100%	N	
13970212		Elec Substation - Distr TD5IC	Boonville	Boonville	Substation Transformer Replacements	REPL of VIGO Dist. Substation TRF	PSP	PSP						0%					100%	N	
14034446		Elec Substation - Distr TD5IC	Evansville	Evansville	Substation Transformer Replacements	REPL of BERRY PLASTICS Dist. SUBSTA TRF	PSP	PSP						0%					100%	N	
14035079		Elec Substation - Distr TD5IC	Evansville	Evansville	Substation Transformer Replacements	REPL of HEIDELBACH Trans Substation TRF	PSP	PSP						0%					100%	N	
13965745		Elec Substation - Distr TD5IC	Evansville	Evansville	Substation Transformer Replacements	REPL of MULBERRY SUB Dist. Networks TS	2023	2023						0%					100%	N	
14034458		Elec Substation - Trans TD5IC	Francisco	Winslow	Substation Transformer Replacements	REPL of CATO Trans Substation TRF	PSP	PSP						0%					100%	N	
14038914		Elec Substation - Distr TD5IC	Francisco	Stendel	Substation Transformer Replacements	REPL of STENDAL Dist. Substation TRF	2023	2023						0%					100%	N	
14035192		Elec Substation - Trans TD5IC	Mt. Vernon	Mt. Vernon	Substation Transformer Replacements	REPL of MT VERNON MAIN SUBSTA TRF 3	PSP	PSP						0%					100%	N	
14034533	19702701E18018	Elec Substation - Trans TD5IC	Rockport	Holland	Substation Transformer Replacements	REPL of DUROIS Trans Substation TRF 2	2020	2020						0%					10%	Y	Labor was less than estimated due to utilization of in house crews.
13965803		Elec Substation - Trans TD5IC	Rockport	Rockport	Substation Transformer Replacements	REPL of NEWTONVILLE Trans SUBSTA TRF 2	PSP	PSP						0%					100%	N	
13965804		Elec Substation - Trans TD5IC	Rockport	Rockport	Substation Transformer Replacements	REPL of NEWTONVILLE Trans SUBSTA TRF 3	PSP	PSP						0%					100%	N	
13625633		Elec Substation - Distr TD5IC	Boonville	Boonville	System Protection Relay Upgrades	Arc Flash Relay PROT Boonville PIO	PSP	PSP						0%					100%	N	
13965844		Elec Substation - Trans TD5IC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL NE 138KV Bus PROT UPGRADE	PSP	PSP						0%					100%	N	
13965846		Elec Substation - Trans TD5IC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL Northwest 69KV Bus PROT UPGRADE	2023	2023						0%					100%	N	

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (5/1/21-10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13966193		Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement Smythe Y25-1 Y25-2 Y42	PSP	PSP						0%					100%	N	
13965782		Elec Substation - Trans TDSIC	Rockport	Rockport	System Protection Relay Upgrades	Newtonville Y70 Y69-1 Y56-2 Y56-1	PSP	PSP						0%					100%	N	
13751982		Elec Substation - Distr TDSIC	Boonville	Newburgh	Transmission Line Looping	Broadview Sub Reconfigure 69 KV SW & Substation Feed	PSP	PSP						0%					100%	N	
13970225		Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Transformer Replacements	WADESVILLE T1 - HB88044	2023	2023						0%					100%	N	
13970227		Elec Substation - Trans TDSIC	Francisco	Winslow	Substation Circuit Breaker Replacements	WINSLOW SWITCHING STATION 377 - 4749484	2023	2023	Project suspended in Period 9					0%	Project is suspended as it will be more cost effective to replace this breaker with 477 breaker at the same time in a future year			0%	Suspended		
13752003	19202701ES8011	Elec System Improve - Trans TDSIC	Evansville	Evansville	Transmission Line Looping	Y42 Loop for Eastland Sub to Y58 (0.6 mi) (Incl w_OPGW plan)	PSP	PSP						0%					80%	N	Pre-construction costs prior to project being moved back into PSP to keep annual planned budgets aligned
13970252	19202701ES8014	Elec System Improve - Trans TDSIC	Mt. Vernon	Mt. Vernon	Transmission Line Looping	Y32 Loop for Perry Twp. Sub (Incl w_OPGW plan)	2021	2021						0%					7%	N	Construction in-progress
13751965	18202701ES8019	Elec System Improve - Trans TDSIC	Francisco	Winslow	Transmission Line Rebuilds	Y36 Winslow to SR61-E 8005 (with OPGW)(4.6 miles)	2019	2019						0%					-5%	Y	Labor and material were higher than estimate due to adding 18 transmission poles and more traffic control due to longer construction duration
13751967	18202701ES8018	Elec System Improve - Trans TDSIC	Francisco	Winslow	Transmission Line Rebuilds	Y36 Lynnville to SR61-E 8005 (with OPGW)(4.98 miles)	2019	2019						0%					12%	Y	Actual labor and material costs were lower than estimated due to competitive bid results were lower than preliminary Engineering estimates
13752008		Elec System Improve - Trans TDSIC	Francisco	Stendel	Transmission Line Rebuilds	Z84 Pole Replacement Duff-Dubois (2.7 mi)	PSP	PSP						0%					100%	N	
13752000		Elec System Improve - Trans TDSIC	Francisco	Stendel	Transmission Line Rebuilds	Z84 Pole Replacement Duff-PL (19.6 mi)	PSP	PSP						0%					100%	N	
13616903		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	UG Cable REPL in Andrea Court SUBD	PSP	PSP						0%					100%	N	
14034057		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Carter Heights SUBD Cable REPL	PSP	PSP						0%					100%	N	
13993915		Elec System Improve - Distr TDSIC	Boonville	Boonville	Underground Cable Replacements and Looping	Cedar Hill Cable REPL	PSP	PSP						0%					100%	N	
14034107		Elec System Improve - Distr TDSIC	Boonville	Boonville	Underground Cable Replacements and Looping	Old Purdu Sub Urd Cable Repl	PSP	PSP						0%					100%	N	
13993896		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Airport Industrial Park Cable REPL Phase I	PSP	PSP						0%					100%	N	
14034253		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Char Mar Estates Cable Repl	PSP	PSP						0%					100%	N	
14034049		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Eastside Industrial Cable REPL	PSP	PSP						0%					100%	N	
13617019		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	UG Cable REPL in Jasper	PSP	PSP						0%					100%	N	
13995612		Elec System Improve - Distr TDSIC	Evansville	Newburgh	Underground Cable Replacements and Looping	Kenosha Hills Cable REPL Phase I	PSP	PSP						0%					100%	N	
14034067		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Key West SUBD Cable REPL	PSP	PSP						0%					100%	N	
13617026		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Lakeside Terrace Estates Cable REPL	PSP	PSP						0%					100%	N	
14034071		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Lant Manor Cable REPL Phase I	PSP	PSP						0%					100%	N	
13995620		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Locust Industrial Cable REPL	PSP	PSP						0%					100%	N	
13995653		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Oak Hill Terrace Etc. Cable REPL Phase I	PSP	PSP						0%					100%	N	
13995654		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Oak Meadows Cable REPL Phase I	PSP	PSP						0%					100%	N	
13995657		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Oak View Place Cable REPL	PSP	PSP						0%					100%	N	
13727601	19585401E56223	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	St. Joseph Cable REPL Phase I	2019	2019						0%					-21%	Y	The variance is due to higher labor cost. The project was pulled forward mid-year from PSP due to recent outages, and there was no opportunity to adjust labor cost from the Level 4 to a Level 2 estimate and apply lessons learned
13727604	19585401E56227	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Solarbronn Points Cable REPL, Phi	PSP	PSP	Project was cancelled					100%	Project was completed outside of the TDSIC program				100%	Cancelled	Pre-construction costs prior to project being moved back into PSP to keep annual planned budgets aligned
13990994	19585401E56234	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Solarbronn Points Cable REPL, Phi	PSP	PSP						0%					100%	N	
13995717		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	University Shopping Cable REPL Phase I	PSP	PSP						0%					100%	N	
13975765		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Westwood Hills Cable REPL	PSP	PSP						0%					100%	N	
13995727		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Windsong Cable REPL	PSP	PSP						0%					100%	N	
13993919		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Charles Lawrence Cable REPL	PSP	PSP						0%					100%	N	
13810748		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Country Club Est Cable REPL Phase II	PSP	PSP						0%					100%	N	
14034063		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Harbortown SUBD Cable REPL	PSP	PSP						0%					100%	N	
14034234		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Hidden Valley Sub Cable Repl	PSP	PSP						0%					100%	N	
13727555		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Midway Acres Cable REPL	PSP	PSP						0%					100%	N	
14034100		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Southwind Apartments Cable REPL	PSP	PSP						0%					100%	N	

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (5/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
14034179		Elec System Improve - Distr TDSIC	Rockport	Rockport	Underground Cable Replacements and Looping	Lincoln State Park Ph I	PSP	PSP						0%					100%	N	
14034180		Elec System Improve - Distr TDSIC	Rockport	Rockport	Underground Cable Replacements and Looping	Lincoln State Park Ph II	PSP	PSP						0%					100%	N	
13617125		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Mulberry CRT 1 2 3 UG Phase VI	PSP	PSP						0%					100%	N	
13960671		Elec System Improve - Distr TDSIC	Evansville	Evansville	Undersung Replacements	Convert Ex Inline switch to a GGNB D1287, D1288	PSP	PSP						0%					100%	N	

ATTACHMENT NO. 2

Page 1 of 31

CEI South Electric TDSIC Plan Projects																					
Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13501073	17585401E56252	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	3 Phase circuit Tie along Middle Mt Vernon	2017	2017						0%					-93%	Y	Additional labor and material required for protective devices that were not in initial estimate. Field review of terrain and circuit layout determined need for these devices which will provide better coordination and isolation in smaller areas resulting in better reliability
13501864	17585401E56254	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	3Phase circuit Tie along Redbank Road	2017	2017						0%					-49%	Y	Additional labor for traffic control was required due to very heavy traffic in the area
13311296	17585401E56232	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Kasson circuit rebuild along Redbank Phase I	2017	2017						0%					-16%	Y	
14008835	17585601E56212	Elec System Improve -Distr TDSIC	Boonville	Newburgh	12kV Circuit Rebuilds and Looping	Castle 1 reconductor-between Vann Rd and Oak Grove Rd	2017	2017						0%					-6%	Y	
13501118	17585401E56259	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	3Phase circuit Tie Boehne Camp Road	2017	2017						0%					-34%	Y	Additional labor was required for line clearance due to some thicker vegetation in certain areas and for traffic control due to heavier traffic
14025986	17585501E56216	Elec System Improve -Distr TDSIC	Francisco	Winslow	12kV Circuit Rebuilds and Looping	Replacement ACE Sectionalizer At Blackfoot	2017	2017						0%					10%	Y	
13501934	17585501E56223	Elec System Improve -Distr TDSIC	Mt. Vernon	Evansville	12kV Circuit Rebuilds and Looping	3Ph Tie between Union Twp. Marrs McDowell	2017	2017						0%					4%	Y	
12925298	17585601E56214	Elec System Improve -Distr TDSIC	Rockport	Rockport	12kV Circuit Rebuilds and Looping	Relocate over head single phase for access and reliability	2017	2017						0%					15%	Y	
14097073	17585501E56218	Elec System Improve -Distr TDSIC	Francisco	Winslow	12kV Circuit Rebuilds and Looping	Winslow circuit upgrade to Support Glezen Load	2017	2017						0%					3%	Y	
13501927	17585501E56217	Elec System Improve -Distr TDSIC	Francisco	Stendel	12kV Circuit Rebuilds and Looping	STENDAL circuit 3PH replace copper Phase I	2017	2017						0%					12%	Y	
13716643	17585401E56224	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Foundation circuit Load Balance	2017	2017						0%					29%	Y	Labor was less due to unneeded traffic control
13736610	17585401E56250	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Ruston circuit-DBI circuit out of VIP SubSta	2017	2017						0%					-32%	Y	Additional labor was required due to the complexity of the circuit exists and coordination issues with a new customer in-service date. This drove inefficiencies, and extra crew and overtime to meet the customer in-service date
13505961	17585601E56224	Elec System Improve -Distr TDSIC	Boonville	Rockport	12kV Circuit Rebuilds and Looping	TENNYSON circuit 3PH replace copper Phase I	2017	2017						0%					0%	Y	
13505929	17585601E56223	Elec System Improve -Distr TDSIC	Rockport	Rockport	12kV Circuit Rebuilds and Looping	ROSE HILL circuit 3PH replace copper conductor	2017	2017						0%					-11%	Y	
13611078	17585401E56233	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Kasson circuit Rebuild along Redbank Phase II	2017	2017						0%					-12%	Y	
13617418	17585401E56268	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Lodge Ave and Riverside Dr circuit Tie upgrade	2017	2017						0%					-29%	Y	Labor costs were greater than estimated. An additional three days of work were required to complete the project
13614701	17585401E56257	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Lavendale and Greencove Ckt Tie upgrade	2017	2017						0%					-19%	Y	
13089512	17585401E56272	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Marx Road circuit upgrade	2017	2017						0%					-3%	Y	
13505939	17585501E56224	Elec System Improve -Distr TDSIC	Francisco	Stendel	12kV Circuit Rebuilds and Looping	STENDAL circuit 3PH replace copper Phase II	2017	2017						0%					14%	Y	
13501030	17585401E56267	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Along 2125 Lexington Rd-3Phase circuit Tie	2017	2017						0%					14%	Y	
13703553	17585401E56266	Elec System Improve -Distr TDSIC	Evansville	Newburgh	12kV Circuit Rebuilds and Looping	Hwy 662 circuit and Lockwood Ln circuit Tie upgrade	2017	2017						0%					-14%	Y	
13505932	17585501E56226	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	3884 Cameron Dr - Move OH line to Rd	2017	2017						0%					55%	Y	Labor costs were less than estimated due to the utilization of internal construction resources and less traffic control was needed. Estimate assumed external contract construction labor
13498600	17585401E56214	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Parrett St circuit CONV (Mulberry Sub) Ph I	2017	2017						0%					-121%	Y	Added two switchgear and 3,750 ft. of primary with conduit for an additional circuit tie to a different substation. This provides a more robust underground system for Evansville's recent and projected downtown growth
13501790	17585401E56213	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Delaware Pump circuit CONV (Pigeon Creek Sub)	2017	2017						0%					-50%	Y	Additional material and labor was needed to bore in new conduit. Due to extreme depth of old facilities, could not use existing conduit for new circuit
13817172	17585401E56216	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Parrett St circuit CONV (Mulberry Sub) Ph III	2017	2017						0%					-15%	Y	
13819501	17585401E56215	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Park St circuit CONV (Pigeon Creek Sub) Ph I	2017	2017						0%					-10%	Y	
13693734	17585401E56221	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Cass Ave circuit CONV (Riverside Sub) Ph I	2017	2017						0%					7%	Y	
13498646	17585401E56231	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Parrett St circuit CONV (Mulberry Sub) Ph II	2017	2017						0%					13%	Y	
13963395	17585401E56217	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Park St circuit CONV (Pigeon Creek Sub) Ph II	2017	2017						0%					-10%	Y	
13500637	17585401E56241	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Seventh Ave 4kv circuit CONV (Pigeon Creek Sub) Ph I	2017	2017						0%					-50%	Y	Additional material cost to upgrade approximately 850 ft. of existing conductor to 636AAC to provide contingency support for surrounding industrial and residential customers. Growth of the industrial customers was not known at time of the original estimate, causing load changes in the system. Additional 250 ft. of UG facilities was required to be relocated to remove an existing transformer from inside of an apartment complex to outside the building. These activities added additional labor and material to project
13710800	17585401E56263	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Seventh Ave 4kv circuit CONV (Pigeon Creek Sub) Ph II	2017	2017						0%					-20%	Y	Additional labor was required for line clearance in alleys

**CEI South
Electric TDSIC Plan Projects**

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13745088	17585401E56253	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Cass Ave circuit CONV (Riverside Sub) Ph II	2017	2017						0%					-14%	Y	
13971295	17585401E56264	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Cass Ave circuit CONV (Riverside Sub) Ph III	2017	2017						0%					-1%	Y	
13993909	17585401E56013	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2017- Distribution Automation #1 Redbank and Hogue circuit	2017	2017						0%					-36%	Y	Additional labor required for pre and post construction testing of material and communication paths. Additional labor due to a change in construction for two additional gang operated air break switches to be replaced. Actual cost for non-stock material was more than estimated
13996900	17585401E56012	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2017 Distribution Automation #2- Peerless Rd -Rosenberger and McDowell Rd	2017	2017						0%					-16%	Y	Difficulty with establishing communications path causing late charges for commissioning the SCADA facilities
13501028	17585601E56217	Elec System Improve - Distr TDSIC	Boonville	Newburgh	Distribution Capacitor Replacements	Heritage circuit-capacitor upgrade	2017	2017						0%					-2%	Y	
13503772	17585501E56219	Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	Distribution Capacitor Replacements	MONTGOMERY circuit -capacitor upgrade	2017	2017						0%					9%	Y	
13509335	17585501E56220	Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	Distribution Capacitor Replacements	FORT BRANCH circuit -capacitor upgrade	2017	2017						0%					8%	Y	
13509340	17585501E56210	Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	Distribution Capacitor Replacements	King I circuit-capacitor upgrade	2017	2017						0%					-29%	Y	Additional material cost for adding two controllers to the project to complete a better communication path necessary for capacitor operation
13501943	17585401E56229	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Wadesville circuit - capacitor upgrade	2017	2017						0%					10%	Y	
13498513	17585501E56221	Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	Distribution Capacitor Replacements	DOUGLAS ST circuit -capacitor upgrade	2017	2017						0%					-13%	Y	
13504194	17585501E56212	Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	Distribution Capacitor Replacements	Heston circuit-capacitor upgrade	2017	2017						0%					18%	Y	
13509122	17585501E56213	Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	Distribution Capacitor Replacements	Princeton Farms circuit-capacitor upgrade	2017	2017						0%					23%	Y	labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13970288	17202701E18013	Elec Substation - Trans TDSIC	Evansville	Evansville	Instrument Transformer Replacements	Northeast PT replacements	2017	2017						0%					23%	Y	labor cost was less due to use of internal crews resulting in significant cost savings. Estimate assumed external contract labor
14296722	17202701E18022	Elec Substation - Trans TDSIC	Evansville	Evansville	Instrument Transformer Replacements	AB Brown Bus PT Replacements	2017	2017						0%					70%	Y	labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
14039189	16202701E58012	Elec System Improve - Trans TDSIC	Evansville	Evansville	Optical Ground Wire	OPGW - NW to Brown (295-296) 12.6mi.	2017	2017						0%					-121%	Y	Material and labor costs are higher than estimated due to 28 additional structures that needed to be replaced based on final design. Prior design assumptions did not include replacement of structures in OPGW projects. The new design methodology results in more accurate modeling following industry best practices. This methodology identified the need for more structure replacements
14039153	16202701E58011	Elec System Improve - Trans TDSIC	Evansville	Evansville	Optical Ground Wire	OPGW - Bergdolt to NW (283_295) 8.36mi.	2017	2017						0%					-36%	Y	Additional costs for a laydown yard at Northwest substation and additional fiber conduits for substation integration on communications. Rail Road permits were much higher than estimated due to parallel crossing fee from CSX
13626457	16202701E58013	Elec System Improve - Trans TDSIC	Boonville	Newburgh	Optical Ground Wire	OPGW - Petzer to FB Culley (Y56_281) 5.0 mi.	2017	2017						0%					-27%	Y	labor costs were higher due to construction bids greater than estimated. Material and labor costs were also increased due to the addition of 4 structures replaced based on final design using new design methodology. There was also additional labor associated to timber matting for site access due to weather conditions and additional fiber conduits for substation communication integration
13626466	16202701E58014	Elec System Improve - Trans TDSIC	Rockport	Rockport	Optical Ground Wire	OPGW - Chrinsky to Newtonville (Y56) 9.0 mi.	2017	2017						0%					-86%	Y	Material and labor costs are higher than estimate due to 39 additional structures that needed to be replaced based on final design. Prior design assumptions did not include replacement of structures in OPGW projects. The new design methodology results in more accurate modeling following industry best practices. This methodology identified the need for more structure replacements
14156983	5854E56001	Elec System Improve - Distr TDSIC		Various	PCB Transformer Replacements	PCB transformers replacement- 2017	2017	2017						0%					-10%	Y	
14080673	17202701E16022	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters: COUNTY LINE- transformer high and low side- Porcelain-Brown	2017	2017						0%					44%	Y	Engineering completed internally leading to cost savings. Construction costs were also less due to using internal labor
13970637	17202701E16046	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Battery System Replacements	Charger Replacement	2017	2017						0%					50%	Y	labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
13970636	17202701E16021	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Battery System Replacements	Charger Replacement	2017	2017						0%					66%	Y	labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
14034372	17202701E16045	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Battery System Replacements	Charger Replacement	2017	2017						0%					52%	Y	labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
13970642	17202701E16047	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Battery System Replacements	Battery Replacement	2017	2017						0%					58%	Y	labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
13684766	17202701E18025	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Battery System Replacements	Battery replacement	2017	2017						0%					10%	Y	
13675683	17202701E18021	Elec Substation - Trans TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	REPLACE CULLEY 138KV OCB 2488 2588 2899	2017	2017						0%					23%	Y	labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
14035126	17202701E18012	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	MOUNT VERNON MAIN 188 - 4859636	2017	2017						0%					7%	Y	
14285447	17202701E16031	Elec Substation - Distr TDSIC	Evansville	Newburgh	Substation Circuit Breaker Replacements	GRIMM ROAD 2299 and 2199	2017	2017						0%					2%	Y	
13626363	17202701E16017	Elec Substation - Distr TDSIC	Francisco	Ft. Branch	Substation Circuit Breaker Replacements	Kings Sub ABS 177 277 and 500 replacement	2017	2017						0%					28%	Y	labor and Material cost was less due to the 177 switch did not need to be replaced. This changed the scope of work from 3 to 2 switches
14035033	17202701E18027	Elec Substation - Trans TDSIC	Rockport	Rockport	Substation Circuit Breaker Replacements	GRANDVIEW 1288 - 4852156	2017	2017						0%					24%	Y	labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor. The relay work was more efficiently done at the same time as the Grandview transformer relay work

CEI South Electric TDSIC Plan Projects																					
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13684712	17202701E16023	Elec Substation - Distr TDSIC	Francisco	Winslow	Substation Transformer Replacements	Winslow Sub and Transformer upgrade (20 MVA)	2017	2017						0%				44%	Y	labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor. Material costs were also less than estimated	
13626389	17202701E16011	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Supervisory Control and Data Acquisition Upgrades	Distribution SCADA - NEW HARM	2017	2017						0%				30%	Y	Engineering completed internally leading to cost savings. Construction costs were less due to multiple projects being awarded to a single construction contractor resulting in labor efficiency	
13626414	17202701E16012	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Supervisory Control and Data Acquisition Upgrades	Distribution SCADA - Point Dist.	2017	2017						0%				27%	Y	Engineering completed internally leading to cost savings. Construction costs were less due to multiple projects being awarded to a single construction contractor resulting in labor efficiency	
13625698	17202701E16013	Elec Substation - Distr TDSIC	Rockport	Dale	Supervisory Control and Data Acquisition Upgrades	Distribution SCADA - Dale	2017	2017						0%				18%	Y		
13684707	17202701E18014	Elec Substation - Trans TDSIC	Francisco	Winslow	Supervisory Control and Data Acquisition Upgrades	Winslow RTU C_O	2017	2017						0%				48%	Y	labor cost was less due to use of internal crews resulting in significant cost savings	
14028921	17202701E16018	Elec Substation - Distr TDSIC	Boonville	Boonville	Supervisory Control and Data Acquisition Upgrades	Distribution SCADA - Vigo	2017	2017						0%				-12%	Y		
14039035	17202701E18030	Elec Substation - Trans TDSIC	Boonville	Newburgh	Supervisory Control and Data Acquisition Upgrades	Microwave Replace (Wagner-Yanketown)	2017	2017						0%				30%	Y	labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor. Material cost for the radio equipment was less than estimated	
14039012	17202701E16024	Elec Substation - Trans TDSIC	Boonville	Newburgh	Supervisory Control and Data Acquisition Upgrades	Microwave Tower Upgrades	2017	2017						0%				48%	Y	A change in scope due to original estimate including O&M (maintenance) items that were removed from the project which brought overall cost down. Work scope was reduced	
13625674	17202701E18023	Elec Substation - Trans TDSIC	Mt. Vernon	Evansville	Supervisory Control and Data Acquisition Upgrades	A8 Brown GT #1 RTU C_O	2017	2017						0%				58%	Y	labor costs were less due to utilizing internal engineering. There were additional labor saving due to contractor bid less than estimate	
13626298	17202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	AutoSect - Devon Y51-2	2017	2017						0%				-20%	Y	Additional labor and material was required to add a vacuum interrupter not identified in original estimate.	
13626365	17202701E16025	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Louis Allis all 4 circuits	2017	2017						0%				70%	Y	Implemented new relays with technology that reduced engineering, material and construction costs	
13626415	16202701E18011	Elec Substation - Trans TDSIC	Rockport	Holland	System Protection Relay Upgrades	Relay replacement- St Henry capacitor Bank	2017	2017						0%				59%	Y	labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor	
13626324	17202701E18018	Elec Substation - Trans TDSIC	Fort Branch	Holland	System Protection Relay Upgrades	Relay PLC-Fiber CONV-Duff 284-2	2017	2017						0%				57%	Y	labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor	
13626322	17202701E18019	Elec Substation - Trans TDSIC	Rockport	Holland	System Protection Relay Upgrades	Relay PLC-Fiber CONV-Dubois 284-2	2017	2017						0%				48%	Y	labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor	
13626361	17202701E16016	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Green Oaks 5 circuits - Arc Flash	2017	2017						0%				-6%	Y		
13625680	17202701E18015	Elec Substation - Trans TDSIC	Boonville	Newburgh	System Protection Relay Upgrades	Relay replacement-Culley 283-1 and isolation	2017	2017						0%				-19%	Y		
14312149	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Azteca T1	2017	2017							0%				100%	Y	This project was incorporated and executed with Maximo project 14034433	
14034433	17202701E16033	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Azteca 188 and 288	2017	2017						0%				59%	Y	Implemented new relays with technology that reduced engineering, material and construction costs	
14034440	17202701E16034	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Berry 2-6 3-6 4-6	2017	2017						0%				68%	Y	Implemented new relays with technology that reduced engineering, material and construction costs	
14312172	17202701E16035	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Gateway 388 388 488	2017	2017						0%				74%	Y	Implemented new relays with technology that reduced engineering, material and construction costs	
13626362	17202701E18016	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay PLC-Fiber CONV-Heidelberg 291-2	2017	2017						0%				23%	Y	labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor	
13626410	17202701E18031	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	NE Sub 138KV 69KV Transfer Bus	2017	2017						0%				-18%	Y		
14312138	17202701E16037	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Ohio River Station 4400 4600 4700	2017	2017						0%				72%	Y	Implemented new relays with technology that reduced engineering, material and construction costs	
13626412	17202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay PLC-Fbr CONV Pigeon Creek 291-2	2017	2017						0%				39%	Y	labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor	
14038915	17202701E16015	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	AutoSect - Sunbeam Y52	2017	2017						0%				-23%	Y	Additional labor and material costs due to the new Auto-Sectionalizing RTU not being compatible with the existing radio. A second RTU and converter had to be purchased and installed to complete the communications path	
14312151	17202701E16036	Elec Substation - Distr TDSIC	Francisco	Fl. Branch	System Protection Relay Upgrades	Relay Replacement Toyota 100 500 T2	2017	2017						0%				71%	Y	Implemented new relays with technology that reduced engineering, material and construction costs	
14312171	17202701E16038	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	System Protection Relay Upgrades	Relay Replacement Mead Johnson Park 288	2017	2017						0%				76%	Y	Implemented new relays with technology that reduced engineering, material and construction costs	
14312132	17202701E16039	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	System Protection Relay Upgrades	Relay Replacement Southwind 188	2017	2017						0%				6%	Y		
13626513	17202701E58013	Elec System Improve - Trans TDSIC	Boonville	Boonville	Transmission Line Rebuilds	Y56 Pelzer to Midway rebuild (6.4 miles) (Incl w_ OPGW plan)	2017	2017						0%				24%	Y	Material costs were significantly less due to structure bids lower than estimated. Construction costs were also less than estimate	
13626514	17202701E58011	Elec System Improve - Trans TDSIC	Boonville	Boonville	Transmission Line Rebuilds	Y56 Midway to Chrisney rebuild (7.6 miles) (Incl w_ OPGW plan)	2017	2017						0%				35%	Y	Material costs were significantly less due to structure bids lower than estimate. Construction costs were also less than estimate	
13592379	17585401E56240	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Cross Pointe Phase 3 Rebuild for Capacity	2017	2017						0%				-152%	Y	Original project as-built drawings were incorrect. Spare conduit had not been installed and existing conductor was undersized for projected load growth. Revised scope required boring in approximately 1000' of new conduit as well installation of new adjacent conductor	
13202730	17585401E56256	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Lakeside Terrace Cable replacement Phase B	2017	2017						0%				-118%	Y	Additional labor was required for backyard easement work and maneuvering around unknown adjacent private facilities	
13297500	17585401E56249	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Echo Apts underground Phase 1 cable replacement	2017	2017						0%				-67%	Y	Additional labor was required for private utility locates not being available. Additionally, the contractor had to vac out trenches instead of installation by bore due to utility conflicts	
13990093	17585601E56222	Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Lenn Road-URD replacement	2017	2017						0%				-63%	Y	Additional labor was required for backyard easement work and maneuvering around unknown adjacent private facilities	
14364806	17585401E56235	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Hedden Road cable replacement	2017	2017						0%				-67%	Y	Additional material and labor for two switchgears that were moved into this project from 2018 (Maximo project 13703502) for bundling efficiencies. Additional pavement restoration also required due more open cutting	
13503232	17585401E56265	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Carroll Acres Rosewood Ave	2017	2017						0%				-53%	Y	Additional labor was required for backyard easement work and maneuvering around adjacent facilities	
13886071	17585601E56218	Elec System Improve - Distr TDSIC	Rockport	Rockport	Underground Cable Replacements and Looping	High Street Urd Replace	2017	2017						0%				-35%	Y	Additional labor for bore difficulty due to poor soil conditions - rock/buried construction materials - and customer not locating private facilities	

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13503231	17585601E56219	Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Broadview SUBD Cable replace Phase 2	2017	2017						0%					-33%	Y	Additional labor for bore difficulty due to poor soil conditions - rock/buried construction materials - and customer not locating private facilities
13834258	17585401E56248	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Echo Hills	2017	2017						0%					-33%	Y	Additional labor for bore difficulty due to poor soil conditions - rock/buried construction materials - and customer not locating private facilities
13213619	17585401E56258	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Lakeside Terrace Cable replacement Phase C	2017	2017						0%					-64%	Y	Additional labor for bore difficulty due to poor soil conditions - rock/buried construction materials - and customer not locating private facilities
13810742	17585501E56222	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Country Club Est Cable REPL Phase I	2017	2017						0%					-46%	Y	Additional labor for bore difficulty due to poor soil conditions - rock/buried construction materials - and customer not locating private facilities
13381417	17585401E56239	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Kahre Lake Cable replace Phase 5	2017	2017						0%					-19%	Y	
13616999	17585601E56210	Elec System Improve -Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable replace in Christmas Lake Phase 6	2017	2017						0%					-18%	Y	
13381396	17585401E56238	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Kahre Lake Cable replacement Phase 4	2017	2017						0%					-5%	Y	
13784804	17585401E56260	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable REPL in Village Green Apartments Ph I	2017	2017						0%					-26%	Y	Additional labor was required for backyard easement work and maneuvering around unknown adjacent private facilities. Additional labor was also required to change out 3 vaults not in the estimate
14050339	17585401E56234	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Eastland Mall underground Additional Loop	2017	2017						0%					-3%	Y	
14352342	17585401E56236	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Kahre Lake cable replacement Phase 3	2017	2017						0%					-2%	Y	
13299935	17585401E56014	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Cross Pointe Phase 1 Rebuild for Capacity	2017	2017						0%					6%	Y	
13992940	17585601E56216	Elec System Improve -Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable replacement in Christmas Lake Phase 8	2017	2017						0%					14%	Y	
14029627	17585401E56230	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Eastland Mall Urd replacement	2017	2017						0%					13%	Y	
13832686	17585601E56215	Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Broadview SUBD Cable REPL Phase 3	2017	2017						0%					22%	Y	labor was less due to minimal other facilities within the easement - less labor/time required to perform installation
14059110	17585501E56225	Elec System Improve -Distr TDSIC	Mt. Vernon	Evansville	Underground Cable Replacements and Looping	Relo 1PH OH to underground	2017	2017						0%					-7%	Y	
13827303	17585401E56261	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable REPL in Village Green Apartments Ph II	2017	2017						0%					16%	Y	
13506089	17585601E56220	Elec System Improve -Distr TDSIC	Rockport	Rockport	Underground Cable Replacements and Looping	underground Cable replace in Reo Heights Sub	2017	2017						0%					-28%	Y	Inclement weather caused poor ground conditions and slower installation, resulting in additional labor and restoration costs
14041755	17585401E56218	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Chestnut circuit Tie w. Mulberry Network and Court Street	2017	2017						0%					-17%	Y	
14380687	17585401E56237	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replacement of network transformer CM-22 3000A IBT	2017	2017						0%					31%	Y	Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13795063	17585401E56251	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Repl Net Trans CM-22 3000A Station N1	2017	2017						0%					34%	Y	labor was less due to the use of internal crews and required less traffic control
13501940	17585601E56213	Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underslung Replacements	convert d1707 to a GOAB - VANADA-HATFIELD	2017	2017						0%					-11%	Y	
13501942	17585401E56228	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1545 to a GOAB - VILLA DRIVE-ROTHERWOOD	2017	2017						0%					-6%	Y	
13501873	17585401E56226	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1868 to a GOAB-RIVERSIDE DR-LODGE AVE	2017	2017						0%					3%	Y	
13501831	17585401E56223	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1828 to a GOAB - PEERLESS RD-MARX RD	2017	2017						0%					17%	Y	
13501261	17585401E56219	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1320 to a GOAB - LAWNDALE-ELLENWOOD 2	2017	2017						0%					19%	Y	
13501829	17585401E56222	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1513 to a GOAB - PARKLAWN-THOMPSON AVE	2017	2017						0%					20%	Y	Labor was less due to unneeded traffic control
13501789	17585401E56220	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1451 to a GOAB-McDowell RD-PEERLESS RD	2017	2017						0%					35%	Y	Labor was less due to unneeded traffic control
13960254	17585601E56221	Elec System Improve -Distr TDSIC	Rockport	Santa Clause	Underslung Replacements	Convert Ex inline switch to a GOAB D2430	2017	2017						0%					-9%	Y	
13501838	17585401E56225	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1332 to a GOAB - POLLACK AVE-GREENCOVE	2017	2017						0%					24%	Y	Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13960433		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex inline switch to a GOAB D1229	2017	2017	Project cancelled in Period 2					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program				0%	Cancelled	
13960447		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex inline switch to a GOAB D1265	2017	2017	Project cancelled in Period 2					0%	Switch was determined to be a GOAB Switch, replaced outside of the TDSIC program				0%	Cancelled	
14159372	5854E77001 / 17199701E77012	Elec Pole Replacement - Distr TDSIC	Various	Wood Pole Replacements	2017 wood pole replacements	2017	2017							0%					20%	Y	Costs were only through October 31, 2017 due to Supreme Court decision on multiple-unit-projects

CEI South Electric TDSIC Plan Projects																					
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13680226	17585501E56227	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWG PMH-11	2019	2019						0%					-11%	Y	
13966024	17202701E16042	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL-ORS 126-188-288-388-488	2017	2017						0%					56%	Y	implemented new relays with technology that reduced engineering, material and construction costs
13970215	17202701E16043	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-VIP 188 388 488	2017	2017						0%					72%	Y	implemented new relays with technology that reduced engineering, material and construction costs
13703502		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2017	2017						0%					0%	Y	Bundled with Maximo project 14364806 for efficiencies
13616346		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	3PH circuit Tie-Mohr Sub N. to St Joe_Schenk	2018	2018	Project cancelled in Period 2					0%	The project was completed as a non-TDSIC transmission project in late 2016				0%	Cancelled	
13519156	18585601E56217	Elec System Improve -Distr TDSIC	Boonville	Newburgh	12kV Circuit Rebuilds and Looping	Newburgh and Hwy 662 circuit Tie Capacity upgrade	2018	2018						0%					-39%	Y	Labor cost was higher due to multiple crews having multiple mobilizations on and off the project due to storm support, crew availability and emergency work. Contract crews that are onsite are more efficient and timelier to work storms than trying to pull crews from outside our footprint
13616576	17585601E56232	Elec System Improve -Distr TDSIC	Boonville	Newburgh	12kV Circuit Rebuilds and Looping	Newburgh CKT - Reconductor	2018	2018						0%					-34%	Y	Additional labor was required for backyard easement work. Actual cost of material was higher than estimated
13501857	17585401E56281	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	3Phase circuit Tie along Dixie Flyer Rd	2018	2018						0%					-39%	Y	Additional labor was required for maneuvering around unknown adjacent private facilities, inclement weather, and additional traffic control
13501870	17585401E56282	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	RED BANK circuit 3PH - replace copper conductor	2018	2018						0%					-18%	Y	
13505894	17585401E56262	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	3Phase circuit Tie along St Joseph Rd	2018	2018						0%					18%	Y	
13505987	18585401E56241	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	3PH circuit Tie along Seminary Road	2018	2018						0%					39%	Y	Labor was less due to utilization of in-house crews and less tree trimming required than estimated
13613115	17585401E56307	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	MT Auburn 3PH circuit Tie along St Joe Ave	2018	2018						0%					12%	Y	
13616347	18585401E56210	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Fifth Ave and Highland circuit Tie upgrade	2018	2018						0%					-43%	Y	Additional labor was required for backyard easement work. Actual cost of material was higher than estimated
13801510	17585501E56237	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	Springfield_Marrs 3PH circuit Tie-McKinnies Rd Ph II	2018	2018						0%					-12%	Y	
13882393	17585501E56239	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	Springfield_Marrs 3PH circuit Tie-McKinnies Rd Ph I	2018	2018						0%					17%	Y	
13503767	18585401E56228	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Bellemeade Ave circuit Conversion (Ellenwood Sub) PhI	2018	2018						0%					-33%	Y	Additional construction labor was required for backyard easement work as well as additional traffic control
13505816	17585401E56275	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	North Weinbach Ave circuit Conv (Ellenwood Sub) Phase 1	2018	2018						0%					-38%	Y	Additional labor required due to poor weather that impacted construction efficiency. The project required a 450' bore due to inability to use existing conduit as originally designed. Additional streetlight material required to bring existing streetlights up to current standard of LEDs. It was necessary to replace 2500' of existing #6CU 1PH with 1/0 due to condition of existing facilities creating a safety issue when transferring load for the project
13505818	17585401E56289	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	South Weinbach Ave circuit Conv (Ellenwood Sub)	2018	2018						0%					-29%	Y	Working with the City of Evansville to coordinate their ongoing street rehabilitation required numerous mobilizations. This combined with poor working conditions and backyard access challenges led to higher labor costs. Added 600' of 1PH 1/0 AACR to replace 336 spacer because of inadequate insulation rating per the standard
13756449	17585401E56276	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	North Weinbach Ave circuit Conv (Ellenwood Sub) Phase 2	2018	2018						0%					-51%	Y	Additional construction labor was required for backyard easement work as well as additional traffic control
13997193	18585401E56226	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Bellemeade Ave circuit Conversion (Ellenwood Sub) PhII	2018	2018						0%					-15%	Y	Additional construction labor was required for backyard easement work as well as additional traffic control
13997203	18585401E56227	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Bellemeade Ave circuit Conversion (Ellenwood Sub) PhIII	2018	2018						0%					-32%	Y	Additional construction labor was required for backyard easement work as well as additional traffic control
14029024	17585401E56293	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Washington Ave circuit Conversion (Ellenwood Sub) Ph I	2018	2018						0%					-36%	Y	Additional labor was required due to poor weather that impacted construction efficiency. Additional labor required to Hydrovac pole locations due to location of existing gas line adjacent to new pole locations. Approximately 220' of UG primary was determined during construction to not to be 12kv rated which required additional material and labor to replace
14029069	17585401E56294	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Washington Ave circuit Conversion (Ellenwood Sub) Ph II	2018	2018						0%					-28%	Y	Additional labor required due to limited access for backyard work within project area
14145309	17585401E56299	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	First Ave & Igleheart circuit CONV (Igleheart Sub) Ph I	2018	2018						0%					-14%	Y	
13500016	17585501E56234	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	4kV Conversions	East Main circuit CONV (Mt Vernon Main Sub) Ph II	2018	2018						0%					3%	Y	
13500051	17585501E56232	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	4kV Conversions	North Main circuit CONV (Mt Vernon Main Sub)	2018	2018						0%					-5%	Y	
13500081	17585501E56231	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	4kV Conversions	Oil Refiner #2 circuit CONV (Mt Vernon Main)	2018	2018						0%					17%	Y	
13835752	17585501E56233	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	4kV Conversions	E560_Elec Dist_East Main circuit_4kV Conversions East Main circuit CONV (Mt Vernon Main Sub) Ph I	2018	2018						0%					7%	Y	
13997001	18585401E56011	Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Automation	201B- Distribution Automation #1- Ellenwood 2 and Stockwell circuits	2018	2018						0%					-77%	Y	Additional contract labor was required for the initial development of our new Laser Distribution Automation control schemes
13997031	18585401E56236	Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Automation	201R- Distribution Automation #2- Kratzville and Saint Joseph Ave circuits	2018	2018						0%					-12%	Y	

CEI South Electric TDSIC Plan Projects																					
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13997067	18585401E56238	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Distribution Automation	2018-Distribution Automation #3-Ford Rd and Copperline Rd circuits	2018	2018						0%					-36%	Y	Additional material cost for the new Distribution Automation standards
13505960	18585601E56232	Elec System Improve - Distr TDSIC	Boonville	Rockport	Distribution Capacitor Replacements	Tennysen circuit - capacitor upgrade	2018	2018						0%					-30%	Y	Actual cost of material and labor was higher than estimate
13501832	17585401E56295	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Peerless Road circuit - capacitor upgrade	2018	2018						0%					0%	Y	
13505837	17585401E56296	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Kasson circuit - capacitor upgrade	2018	2018						0%					26%	Y	Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13505900	17585401E56301	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Old State Road circuit - capacitor upgrade	2018	2018						0%					14%	Y	
13505994	17585401E56303	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Union Township circuit- capacitor upgrade	2018	2018						0%					27%	Y	Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13501925	17585501E56228	Elec System Improve - Distr TDSIC	Francisco	Stendel	Distribution Capacitor Replacements	Stendal circuit - capacitor upgrade	2018	2018						0%					9%	Y	
13506037	17585501E56229	Elec System Improve - Distr TDSIC	Francisco	Winslow	Distribution Capacitor Replacements	Winslow circuit - capacitor upgrade	2018	2018						0%					4%	Y	
13505937	17585501E56236	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Distribution Capacitor Replacements	Springfield circuit - capacitor upgrade	2018	2018						0%					30%	Y	Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13505928	17585601E56226	Elec System Improve - Distr TDSIC	Rockport	Rockport	Distribution Capacitor Replacements	Rose Hill circuit - capacitor upgrade	2018	2018						0%					-28%	Y	Additional labor cost to replace newly installed switch bank that failed
13684740	18202701E18011	Elec Substation - Trans TDSIC	Boonville	Newburgh	Instrument Transformer Replacements	Culley PT replacements	2018	2018						0%					-10%	Y	
13970317	17202701E18029	Elec Substation - Trans TDSIC	Evansville	Evansville	Instrument Transformer Replacements	Northwest PT replacements	2018	2018						0%					27%	Y	Labor costs were less due to utilizing internal engineering. There were additional labor saving due to contractor bid less than estimate
14035346	17202701E58014	Elec System Improve - Trans TDSIC	Evansville	Hautstadt	Optical Ground Wire	OPGW - St Wendell to Scott Twp. (Y34) 5.6mi	2018	2018						0%					0%	Y	
14035349	17202701E58015	Elec System Improve - Trans TDSIC	Evansville	Evansville	Optical Ground Wire	OPGW - Stringtown to Mohr (Y50_Y34) 3.6 mi	2018	2018						0%					9%	Y	
14039124	17202701E58016	Elec System Improve - Trans TDSIC	Rockport	Santa Claus	Optical Ground Wire	Santa Claus to Newtonville OPGW Addition (11.9 miles)	2018	2018						0%					-25%	Y	Additional labor was required for drilling through rock for pole foundations, as well as having to drill new holes in some poles as they were in the wrong location. Labor and material cost was driven higher due to distribution under build that was found to be poor condition and had to be replaced, not transferred. This under build was the distribution circuit with brittle wire, cross arms and equipment that had a number of cracks in them only found when attempting to transfer to new poles
14155363	5854E56001	Elec System Improve - Distr TDSIC		Various	PCB Transformer Replacements	PCB transformers replacement-2018	2018	2018						0%					-10%	Y	Additional labor and material costs to perform all change outs in the original analyzed areas
14080654	18202701E16011	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters: BENTON CORNER-transformer highside	2018	2018						0%					-127%	Y	Switching for outage was extensive and required significant overtime hours to avoid long outages for system reliability. Work to change arresters was more complicated than expected
14080676	18202701E18012	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters: MT VERNON MAIN-NW 177- Porcelain-Brown	2018	2018						0%					40%	Y	Material costs were less than estimated. Construction performed by internal resources
14034482	17202701E18033	Elec Substation - Trans TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Replace Culley 138KV OCB 2288, 2500, 2688 & 69KV OCB 488, 126	2018	2018						0%					-18%	Y	Construction on the Culley breakers had to be performed in two phases, fall and spring, due to load restrictions and the requirement for bus outages to isolate equipment. The bus outages could only be obtained on weekends resulting in a substantial amount of overtime work. Splitting the construction into two phases and weekends resulted additional mobilization charges
14034982		Elec Substation - Distr TDSIC	Fort Branch	Fl. Branch	Substation Circuit Breaker Replacements	FORT BRANCH RURAL 188 - 4858829	2018	2018						0%					100%	Y	Combined with Maximo project 14034985 (Fl. Branch Transformer 1 replacement) for field efficiencies
13964609		Elec Substation - Distr TDSIC	Fort Branch	Fl. Branch	Substation Circuit Breaker Replacements	FORT BRANCH RURAL 488 - 4858830	2018	2018						0%					100%	Y	Combined with Maximo project 13964628 (Fl. Branch Transformer 2 replacement) for field efficiencies
13626328	17202701E16026	Elec Substation - Distr TDSIC	Rockport	Rockport	Substation Circuit Breaker Replacements	replacement of GRANDVIEW 12KV circuit Breaker 1	2018	2018						0%					37%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together
13626331	17202701E16027	Elec Substation - Distr TDSIC	Rockport	Rockport	Substation Circuit Breaker Replacements	replacement of GRANDVIEW 12KV circuit Breaker 2	2018	2018						0%					45%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together
14038891	17202701E16028	Elec Substation - Distr TDSIC	Rockport	Rockport	Substation Circuit Breaker Replacements	ROCKPORT 188 - 4859686	2018	2018						0%					-5%	Y	
14038892	17202701E16029	Elec Substation - Distr TDSIC	Rockport	Rockport	Substation Circuit Breaker Replacements	ROCKPORT 288 - 4859685	2018	2018						0%					-11%	Y	
13965051	17202701E16070	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	GREEN OAKS T2 - A5796	2018	2018						0%					-27%	Y	Construction cost were higher due to addition of driveway and gate for access to site. Increased labor and material for the relocation of distribution circuit ends compared to estimate
13964628	17202701E16041	Elec Substation - Distr TDSIC	Fort Branch	Fl. Branch	Substation Transformer Replacements	FORT BRANCH RURAL T1 - HB8075	2018	2018						0%					41%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together
14034985	17202701E16040	Elec Substation - Distr TDSIC	Fort Branch	Fl. Branch	Substation Transformer Replacements	FORT BRANCH RURAL T2 - 5217850	2018	2018						0%					-12%	Y	Labor was higher than estimate due to the need to use a mobile sub for load requirements and higher material costs for regulators along with their oil containment
13684690	17202701E18028	Elec Substation - Trans TDSIC	Rockport	Rockport	Substation Transformer Replacements	Grandview Sub 138_69 Transformer Upgrade (60 to 100 MVA)	2018	2018						0%					-21%	Y	Construction cost were higher from bids received compared to estimate. Complexities of system configurations to moving load around and installing a larger transformer in a tight area with the rest of the substation equipment
14035034	17202701E16030	Elec Substation - Distr TDSIC	Rockport	Rockport	Substation Transformer Replacements	Replacement of GRANDVIEW Dist. SUBSTA Distribution TRF	2018	2018						0%					-13%	Y	Additional regulators on two circuits were changed out as well due to those controllers not being able to communicate with the new SCADA. This added material and labor to the project
14038906	17202701E16032	Elec Substation - Distr TDSIC	Rockport	Dale	Substation Transformer Replacements	Replacement of SAINT MEINRAD Dist. SUBSTA TRF	2018	2018						0%					-13%	Y	Labor was higher than estimate due to multiple mobilization for weather and complexity of setting mobile sub in a small area
13964173	17202701E16069	Elec Substation - Distr TDSIC	Boonville	Boonville	Supervisory Control and Data Acquisition Upgrades	Boonville RTU C_O	2018	2018						0%					6%	Y	
13966092	18202701E18018	Elec Substation - Trans TDSIC	Evansville	Evansville	Supervisory Control and Data Acquisition Upgrades	PPG RTU C_O	2018	2018						0%					49%	Y	Project cost reduced due to internal engineering and in-house construction

CEI South Electric TDSIC Plan Projects																					
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14807820	17202701E16068	Elec Substation - Distr TDSIC	Rockport	Santa Clause	Supervisory Control and Data Acquisition Upgrades	Distribution SCADA - Chrisney	2018	2018						0%					4%	Y	
13626439	17202701E16071	Elec Substation - Distr TDSIC	Rockport	Dale	Supervisory Control and Data Acquisition Upgrades	Distribution SCADA - St Meinrad	2018	2018						0%					71%	Y	The control equipment required was less than originally estimated
13621101	18202701E16012	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay PLC-Fiber CONV-Bergolt 2B3-2	2018	2018						0%					37%	Y	Project cost reduced due to internal engineering and in-house construction
14034436	17202701E16052	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Berry T1 and T2 MSOC	2018	2018						0%					49%	Y	Implemented new relays with technology that reduced engineering, material and construction costs
14034886	17202701E16053	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-East Ind. T2 and T3 MSOC	2018	2018						0%					52%	Y	Implemented new relays with technology that reduced engineering, material and construction costs
14034901	17202701E16059	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Eastland T1 188 288	2018	2018						0%					27%	Y	Implemented new relays with technology that reduced engineering, material and construction costs
14034891	18202701E16020	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Earlside 12kV PROT-CONTR upgrade	2018	2018	Project cancelled in Period 3					0%	This project has been cancelled due to breaker replacements in 2020, which also replace the relays				0%	Cancelled	
14034952	17202701E18037	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Folz Y34 Y50-2 Y50-3	2018	2018						0%					20%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
14035030	17202701E16054	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Gateway T2 and T1 MSOC	2018	2018						0%					45%	Y	Implemented new relays with technology that reduced engineering, material and construction costs
14035125	18202701E16014	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	AutoSect - Mohr Rd	2018	2018						0%					24%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
13626409	18202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay PLC-Fiber CONV-NE 295	2018	2018						0%					29%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
13626411	18202701E18014	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay PLC-Fiber CONV-NW 283-2	2018	2018						0%					41%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
13625673	18202701E18016	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	System Protection Relay Upgrades	Relay PLC-Fiber CONV-AB Brown 295	2018	2018						0%					1%	Y	
14034951	17202701E16051	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	System Protection Relay Upgrades	Relay replacement-Farm Bureau T1 and T2 MSOC	2018	2018						0%					26%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
14039131	17202701E58021	Elec System Improve -Trans TDSIC	Evansville	Evansville	Transmission Line Rebuilds	Y76 Phase III-Wadesville to New Harmony 9 miles w/ OPGW	2018	2018						0%					13%	Y	
14039125	17202701E58017	Elec System Improve -Trans TDSIC	Evansville	Evansville	Transmission Line Rebuilds	Y76 Phase I-NW-County Line 6 miles w/ OPGW	2018	2018						0%					-16%	Y	Erosion control costs were higher than estimate due to weather. Additional line clearance was needed as well. Very wet conditions required, more matting than estimated
14039128	17202701E58020	Elec System Improve -Trans TDSIC	Evansville	Evansville	Transmission Line Rebuilds	Y76 Phase II-County Line to Wadesville 6.3 miles w/ OPGW	2018	2018						0%					-6%	Y	Erosion control costs were higher than estimate due to weather. Additional line clearance and rock was needed compared to estimate
13506049	18585601E56219	Elec System Improve -Distr TDSIC	Boonville	Boonville	Underground Cable Replacements and Looping	underground Cable replace in Cambridge Acres	2018	2018						0%					-14%	Y	
13801539	18585601E56229	Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Meadowood Apts Cable Replacement	2018	2018						0%					-14%	Y	
13503234	17585401E56277	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Carrollton Court Phase I	2018	2018						0%					65%	Y	Actual labor was less than estimate due to existing unknown conduit being found during construction and utilized for new conductor. This resulted in a lower than estimated boring cost
13503437	17585401E56278	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Westhaven Hills	2018	2018						0%					-29%	Y	Additional labor required to replace two pad mount transformers field verified during construction to be in poor condition, HydroVac existing sewer lines that could not be hand located, and limited access to much of the backyard work
13506040	18585401E56242	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in BRENTWOOD	2018	2018						0%					5%	Y	
13506072	17585401E56285	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Create 1PH underground Loop on Clover circuit	2018	2018						0%					-23%	Y	Additional labor required for 120' bore to eliminate splicing of aging conductor that was field verified to be in poor condition
13506075	17585401E56279	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Dale Haven Estates Ph I	2018	2018						0%					-42%	Y	Incent weather caused poor ground conditions and slower installation, resulting in additional labor and restoration costs
13506115	17585401E56306	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Shady Hills	2018	2018						0%					-8%	Y	
13633201	17585401E56271	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2019	2019						0%					23%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
13633203		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR Unknown	2018	2018	Project cancelled in Period 2					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. All live front switchgear are replaced due to safety hazards associated with proximity of live bus during maintenance activities. In this case, replacement was not required				0%	Cancelled	
13680220	17585401E56286	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2019	2019						0%					2%	Y	
13703453	17585401E56274	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR	2018	2018	Project cancelled in Period 4					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. All live front switchgear are replaced due to safety hazards associated with proximity of live bus during maintenance activities. In this case, replacement was not required				0%	Cancelled	
13703493	17585401E56283	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2018	2018						0%					25%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor

CEI South
Electric TDSIC Plan Projects

Page 8 of 31

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13703516		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR Unknown	2018	2018	Project cancelled in Period 2					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. All live front switchgears are replaced due to safety hazards associated with proximity of live bus during maintenance activities. In this case, replacement was not required				0%	Cancelled	
13707745	18585401E56240	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Sugar Mill Creek Apt Phase I - Cable Repl	2018	2018						0%					-31%	Y	Additional labor required to locate unknown private sewer and water lines and slow productivity due to greater than estimated vehicle traffic in apartment complex and on surrounding roads
13739264	17585401E56280	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable REPL in Dale Haven Estates Ph II	2018	2018						0%					4%	Y	
13739266	17585401E56287	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable REPL in Dale Haven Estates Ph III	2018	2018						0%					2%	Y	
13506116	18585501E56218	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	7000' of 1PH underground to back feed Artesian Well	2018	2018						0%					48%	Y	Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13633202		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2018	2018	Project cancelled in Period 2					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. All live front switchgear are replaced due to safety hazards associated with proximity of live bus during maintenance activities. In this case, replacement was not required				0%	Cancelled	
13887331	18585501E56219	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Lakeview Place Cable REPL	2018	2018						0%					-36%	Y	Additional labor was required during the boring phase due to numerous neighboring utilities in very close proximity that required more spot holes and hand digging to ensure the bore avoided hitting other utilities
13503235	17585601E56230	Elec System Improve -Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable replace in Christmas Lake Phase 2	2018	2018						0%					-14%	Y	
13506079	17585601E56229	Elec System Improve -Distr TDSIC	Rockport	Rockport	Underground Cable Replacements and Looping	Hodges SUBD Hwy 161 Richland City	2018	2018						0%					12%	Y	
13519181	17585601E56231	Elec System Improve -Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	underground Cable replace in Christmas Lake Phase 3	2018	2018						0%					-16%	Y	
13616706	17585601E56227	Elec System Improve -Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable replace in Christmas Lake Phase 5	2018	2018						0%					-19%	Y	
13685494	17585601E56225	Elec System Improve -Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable REPL in Christmas Lake Phase 1	2018	2018						0%					-5%	Y	
13736393	17585601E56228	Elec System Improve -Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable REPL in Christmas Lake Phase 4	2018	2018						0%					-13%	Y	
13503439	17585401E56290	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Civic circuits 1 2 3 underground Phase I	2018	2018						0%					11%	Y	
13503442	18585401E56233	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Mulberry circuits 1 2 3 underground Phase I	2018	2018						0%					-14%	Y	
13506053	17585401E56304	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Net Trans CM-22 City County Building Civic 2	2018	2018						0%					14%	Y	
13614242	17585401E56292	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 3000A Station N2	2018	2018						0%					13%	Y	
13960611		Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underslung Replacements	Convert Ex inline switch to a GOAB D2433	2018	2018	Project cancelled in Period 2					0%	Switch was determined to be a GOAB Switch, replaced outside of the TDSIC program				0%	Cancelled	
13960615		Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underslung Replacements	Convert Ex inline switch to a GOAB D2178	2018	2018	Project cancelled in Period 2					0%	Switch was determined to be a GOAB Switch, replaced outside of the TDSIC program				0%	Cancelled	
13960618		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex inline switch to a GOAB D1066	2018	2018	Project cancelled in Period 2					0%	Switch was determined to be a GOAB Switch, replaced outside of the TDSIC program				0%	Cancelled	
13505959		Elec System Improve -Distr TDSIC	Boonville	Rockport	Underslung Replacements	convert d1755 to a GOAB - TENNYSON-FOLSOMVILLE	2018	2018	Project cancelled in Period 2					0%	Switch was determined to be a GOAB Switch, replaced outside of the TDSIC program				0%	Cancelled	
13505842	17585401E56298	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1412 to a GOAB-KRATZVILLE RD-N PARK	2018	2018						0%					51%	Y	Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control
13505851	17585401E56288	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1292 to a GOAB - LODGE AVE-CULVERSON AVE	2018	2018						0%					89%	Y	Actual cost of material and labor was less than estimate. An existing GOAB was able to be reused at this location
13505897	17585401E56305	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1410 to a GOAB-NORTH PARK-KRATZVILLE RD	2018	2018						0%					24%	Y	Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor
13506035	17585501E56230	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underslung Replacements	convert d1674 to a GOAB - WABASH-UNIONTOWN	2018	2018						0%					62%	Y	Labor cost was less than estimated due to utilization of internal construction resources and required less traffic control. Estimate assumed external contract construction labor

CEI South Electric TDSIC Plan Projects																					
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14159676	5854E77001	Elec Pole Replacement - Distr TDSIC		Various	Wood Pole Replacements	2018 wood pole replacements	2018	2018	Project cancelled in Period 3					0%	Cancelled due to Supreme Court decision on multiple-unit projects			0%		Cancelled	
13625686	19202701E18013	Elec Substation - Trans TDSIC	Boonville	Newburgh	System Protection Relay Upgrades	Relay replacement-Culley 281-1	2019	2019						0%				29%	Y	Engineering completed internally leading to cost savings. Construction costs were also less due to using internal labor	
14153564	17585401E56300	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	First Ave & Igleheart circuit CONV (Igleheart Sub) Ph II	2018	2018						0%				37%	Y	Labor and material were less than estimate due to the majority of the underground cable was previously replaced and records did not reflect this	
13965613	17202701E16062	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL Maryland T2 CB 388 CB 488	2018	2018						0%				30%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor	
13965636	17202701E16063	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL-Mohr Rd T1 188 288	2018	2018						0%				2%	Y		
14034549	17202701E16056	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-East Ind-488	2018	2018						0%				5%	Y		
14035074	17202701E16065	Elec Substation - Distr TDSIC	Evansville	Newburgh	System Protection Relay Upgrades	Grimm Rd protection upgrade 288 388 488	2018	2018						0%				74%	Y	Project cost reduced due to internal engineering and in-house construction	
14312143	17202701E16060	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Folz Rd 488	2018	2018						0%				7%	Y		
13519166	18585601E56212	Elec System Improve -Distr TDSIC	Boonville	Rockport	12kV Circuit Rebuilds and Looping	TENNYSON circuit 3PH replace copper PH II	2019	2019						0%				-8%	Y		
13506028	18585401E56221	Elec System Improve -Distr TDSIC	Evansville	Newburgh	12kV Circuit Rebuilds and Looping	Extend the Venetian circuit N to Oak Grove Rd	2019	2019						0%				-16%	Y		
13518825	18585401E56261	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	BASELINE RD circuit 3PH replace copper conduit	2019	2019						0%				-32%	Y	Actual cost of material was higher than estimate	
13518876	18585401E56260	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Relocate OH 1PH for accessibility	2019	2019						0%				-12%	Y		
13518968	18585401E56217	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	BRODWAY AVE circuit 3PH replace Copper Ph I	2019	2019						0%				-24%	Y	Additional labor was required due to heavy traffic through project site and the need for hydrovac or hand digging based on the locates. These both led to lower productivity which resulted in higher labor costs	
13519148	18585401E56220	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	MARK RD circuit 3PH replace copper PH I	2019	2019						0%				12%	Y		
13519162	18585501E56220	Elec System Improve -Distr TDSIC	Francisco	Rockport	12kV Circuit Rebuilds and Looping	STENDAL circuit 3PH replace copper PH III	2019	2019						0%				-18%	Y		
13519172	18585601E56220	Elec System Improve -Distr TDSIC	Francisco	Winslow	12kV Circuit Rebuilds and Looping	WINSLOW circuit 3PH replace copper PH I	2019	2019						0%				-11%	Y		
13505896	18585501E56221	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	Red Geranium-Replace underground PH	2019	2019						0%				11%	Y		
13519107	18585501E56210	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	Ford RD circuit and Union Township circuit Tie upgrade	2019	2019						0%				-15%	Y	Actual labor was higher than estimate due to additional traffic control and site restoration. Material cost was also higher than estimate	
13519141	18585501E56212	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	3 PH circuit Tie between Marrs and Springfield circuit	2019	2019						0%				54%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor	
13519171	18585501E56214	Elec System Improve -Distr TDSIC	Mt. Vernon	Evansville	12kV Circuit Rebuilds and Looping	UNION TOWNSHIP circuit 3PH repl copper PH I	2019	2019						0%				-44%	Y	Actual labor was higher than estimate due to additional tree trimming, traffic control, inspection services and larger crew size	
13501924	18585601E56214	Elec System Improve -Distr TDSIC	Rockport	Stendel	12kV Circuit Rebuilds and Looping	Lake Helmrich Village SUBD - alt feed	2019	2019						0%				-2%	Y		
13503768	18585401E56214	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Bennighof Ave circuit Conversion (Auburn Sub) PH I	2019	2019						0%				-19%	Y		
13505815	18585401E56218	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Fares Ave circuit Conversion (Auburn Sub)	2019	2019						0%				-6%	Y		
13519120	18585401E56264	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Bayard Park circuit Conversion (Auburn Sub) PH I	2019	2019						0%				-21%	Y	Additional labor was required due to heavy traffic through project site and the need for hydrovac or hand digging based on the locates. These both led to lower productivity which resulted in higher labor costs	
13519136	18585401E56231	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Cherry St circuit Conversion (Auburn Sub) PH I	2019	2019						0%				-60%	Y	Additional labor was required due to heavy traffic through project site and the need for hydrovac or hand digging based on the locates resulting in higher labor cost. 1500' of 3PH was reconducted instead of transferred due to wire condition. The existing line was relocated to back of right of way to align with future roadway expansion. This will eliminate the need for future relocation of a recently rebuilt line	
13997147	18585401E56265	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Bayard Park circuit Conversion (Auburn Sub) PH II	2019	2019						0%				-28%	Y	Additional labor was required due to heavy traffic through project site and the need for hydrovac or hand digging based on the locates	
13997149	18585401E56266	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Bayard Park circuit Conversion (Auburn Sub) PH III	2019	2019						0%				-53%	Y	Additional labor was required due to heavy traffic through project site and the need for hydrovac or hand digging based on the locates. The 285 project overlapped this area resulting in multiple mobilizations. These led to lower productivity which resulted in higher labor costs	
13997171	18585401E56215	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Bennighof Ave circuit Conversion (Auburn Sub) PHII	2019	2019						0%				-52%	Y	Additional labor was required due to heavy traffic through project site and the need for hydrovac or hand digging based on the locates	
13997187	18585401E56216	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Bennighof Ave circuit Conversion (Auburn Sub) PHIII	2019	2019						0%				-12%	Y		
14080650	17202701E16044	Elec Substation - Distr TDSIC	Evansville	Evansville	4kV Conversions	New Adams 138_12 kV Substation	2019	2019						0%				-25%	Y	Actual labor costs were significantly higher than the estimate due to an additional decorative fence, curbing and sidewalk improvements required by the community association and the city. Material costs were higher than the estimate for the distribution circuit exits, as well as labor due to resource constraints. Required relay work at Angel Mounds and Heidelberg caused supplementary labor beyond the original estimate. During detailed engineering, the standard H frame was changed to an arbor structure due to space constraints on the property which caused additional labor	

CEI South
Electric TDSIC Plan Projects

Page 10 of 3

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13997237	18585401E56232	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Cherry St circuit Conversion (Auburn Sub) PHII	2019	2019						0%					-15%	Y	Additional labor was required due to heavy traffic through project site and the need for hydrowacing or hand digging based on the locates. These both led to lower productivity which resulted in higher labor costs
14013043	18585401E56267	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Bayard Park circuit Conversion (Auburn Sub) PH IV	2019	2019						0%					-29%	Y	Additional labor was required due to heavy traffic through project site, additional site preparation and the need for hydrowacing or hand digging based on the locates
13997129	21585401E56229	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2019-Distribution Automation #1- Division Street and Governor circuits	2022	2022						0%					41%	N	Pre-construction costs
13997136		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2019-Distribution Automation #2- North Park and Concord circuits	2021	2021	Project suspended in Period 8					0%	Project is suspended to keep planned annual budgets and caps within required parameters				0%	Suspended	
13997168	19585401E56242	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2019-Distribution Automation #3- Theater Drive and Lynch Rd circuits	2019	2019						0%					-18%	Y	
13997201	19585401E56248	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2019-Distribution Automation #4- MT Auburn and Barker circuits	2019	2019						0%					-15%	Y	
14160813	18585601E56227	Elec System Improve - Distr TDSIC	Boonville	Boonville	Distribution Capacitor Replacements	Bowling Alley circuit - capacitor upgrade	2019	2019						0%					1%	Y	
13501017	17585401E56273	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Ellenwood 2 circuit - capacitor upgrade	2019	2019						0%					14%	Y	
13501069	18585401E56234	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Highland circuit - capacitor upgrade	2019	2019						0%					29%	Y	labor was less due to utilization of in-house crews
13501226	18585401E56213	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Kratzville Road circuit - capacitor upgrade	2019	2019						0%					22%	Y	labor was less due to utilization of in-house crews
13501755	18585401E56274	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	McCutchanville circuit - capacitor upgrade	2019	2019						0%					-21%	Y	Actual cost of material was higher than estimate
13501795	18585401E56262	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	McDowell Road circuit - capacitor upgrade	2019	2019						0%					26%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
13501923	18585401E56230	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	St. Joseph AVE circuit - capacitor upgrade	2019	2019						0%					12%	Y	
13518801	18585601E56226	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Barker AVE circuit - capacitor upgrade	2019	2019						0%					14%	Y	
13518826	18585401E56254	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Baseline Road circuit - capacitor upgrade	2019	2019						0%					-14%	Y	
13518986	18585401E56256	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Broadway Ave circuit - capacitor upgrade	2019	2019						0%					40%	Y	labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
13519023	18585401E56257	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Epworth circuit - capacitor upgrade	2019	2019						0%					8%	Y	
13519116	18585401E56255	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	HWY 57 circuit - capacitor upgrade	2019	2019						0%					-11%	Y	
13519144	18585401E56263	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Marx Road circuit - capacitor upgrade	2019	2019						0%					28%	Y	labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor
13519167	18585401E56253	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Theater Drive circuit - capacitor upgrade	2019	2019						0%					24%	Y	labor was less due to utilization of in-house crews
13970287	18202701E18021	Elec Substation - Trans TDSIC	Rockport	Rockport	Instrument Transformer Replacements	Newtonville PT replacements	2019	2019						0%					53%	Y	Actual labor was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
14080677		Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters MT VERNON MAIN-transformer 2-lowside-Porcelain-Brown	2019	2019	Project cancelled in Period 3					0%	The 4kV circuits are being converted to 12kV and the transformers will be retired. This will cause the arrester change out to not be needed			0%	Cancelled		
14080678		Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters: MT VERNON MAIN-T2 highside-Porcelain-Brown	2019	2019	Project cancelled in Period 3					0%	The 4kV circuits are being converted to 12kV and the transformers will be retired. This will cause the arrester change out to not be needed			0%	Cancelled		
13964151	19202701E16029	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	System Protection Relay Upgrades	AutoSect - Benton Corner Y33	2021	2021						0%					-157%	Y	Actual material and labor costs were more than estimated due to additional space for the relays requiring a new control house and cable trench
13964218	18202701E16018	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Broadview Sub SWGR #1 Replace	2019	2019						0%					-42%	Y	labor and material were higher than estimate due to required arc flash protection that was not in the estimate
13965602	18202701E18019	Elec Substation - Trans TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	LYNNVILLE 377 - 4859148	2019	2019						0%					-46%	Y	labor and material costs were higher than estimate due to rerouting of conduits requiring new cable trench
13965603	18202701E18019	Elec Substation - Trans TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	LYNNVILLE 477 - 4859149	2019	2019						0%					-46%	Y	labor and material costs were higher than estimate due to rerouting of conduits requiring new cable trench
13965908		Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	OHO RIVER STATION 216 - 4859168	2019	2019	Project cancelled in Period 3					0%	The circuit breaker was replaced outside of the TDSIC program due to performance issues just prior to the start of the program				0%	Cancelled	
13966166	18202701E16015	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SLAUGHTER AVENUE 100 - 4859198	2019	2019						0%					20%	Y	labor came in under on bids due to efficiencies of bundling multiple projects together at the same location. Material costs were also slightly less than estimated
13966167	18202701E16013	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SLAUGHTER AVENUE 388 - 4858879	2018	2018						0%					70%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor
13966186	18202701E16015	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SLAUGHTER AVENUE 488 - 4858873	2019	2019						0%					20%	Y	labor came in under on bids due to efficiencies of bundling multiple projects together at the same location. Material costs were also slightly less than estimated

CEI South

Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13966187	18202701E16015	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SLAUGHTER AVENUE 588 - 4858878	2019	2019						0%					20%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location. Material costs were also slightly less than estimated
13966189	18202701E16015	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SLAUGHTER AVENUE 500 - 4858882	2019	2019						0%					20%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location. Material costs were also slightly less than estimated
13966194	18202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SMYTHE SUBSTATION 188 - 4852161	2019	2019						0%					12%	Y	
13966195	18202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SMYTHE SUBSTATION 288 - 4858833	2019	2019						0%					12%	Y	
13966196	18202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SMYTHE SUBSTATION 388 - 4858825	2019	2019						0%					12%	Y	
14038907	18202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SMYTHE SUBSTATION 100 - 4859714	2019	2019						0%					12%	Y	
14038908	18202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SMYTHE SUBSTATION 488 - 4858824	2019	2019						0%					12%	Y	
13964188	18202701E16018	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Transformer Replacements	BROADVIEW T1 - C05751-5-1	2019	2019						0%					-42%	Y	Labor and material were higher than estimate due to additional relocation of the distribution circuit exits. There was also added cost for site modification necessary to connect the mobile substation to maintain system load
13965635	18202701E16016	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	MODIFICATION T1 - A5419	2019	2019						0%					10%	Y	Labor cost was less than estimated due to utilization of internal construction resources. Estimate assumed external contract construction labor. Additionally, actual material costs were less than estimated
13966190	18202701E16015	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SLAUGHTER AVENUE T1 - 921080	2019	2019						0%					20%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location. Material costs were also slightly less than estimated
13966191	18202701E16015	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SLAUGHTER AVENUE T2 - 921079	2019	2019						0%					20%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location. Material costs were also slightly less than estimated
13966198	18202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SMYTHE SUBSTATION T1 - UB52938-1	2019	2019						0%					12%	Y	Material and construction cost were lower than estimated and combining the construction and engineering functions on the two transformers and associated relaying replacement work resulted in additional cost savings
13966200	18202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SMYTHE SUBSTATION T2 - M162434A	2019	2019						0%					12%	Y	Material and construction cost were lower than estimated and combining the construction and engineering functions on the two transformers and associated relaying replacement work resulted in additional cost savings
13684691	17202701E16014	Elec Substation - Distr TDSIC	Rockport	Rockport	Supervisory Control and Data Acquisition Upgrades	Distribution SCADA - Grandview	2018	2018						0%					19%	Y	
14034485	19202701E18015	Elec Substation - Trans TDSIC	Boonville	Newburgh	System Protection Relay Upgrades	Relay replacement--Culley 69kV Sub Transfer	2019	2019						0%					-31%	Y	Additional costs for replacing PTs that were not in the estimate. The existing PTs did not provide three discrete phase indications required for the new bus transfer relay system to work to standard
13965807	19202701E18014	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL-Northeast ZB1-2	2019	2019						0%					12%	Y	
14034903		Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Fairlawn 12kV PROT-CONTR upgrade	2019	2019	Project cancelled in Period 4					0%	This project has been cancelled due to breaker replacements in 2021 and 2022, which will also replace the relays			0%	Cancelled		
13964362	19202701E18012	Elec Substation - Trans TDSIC	Fort Branch	Holland	System Protection Relay Upgrades	Relay REPL- Duff ZB4-3 Z7B-1	2019	2019						0%					-16%	Y	
14034454	19202701E18011	Elec Substation - Trans TDSIC	Francisco	Winslow	System Protection Relay Upgrades	Relay replacement-Cato ZB4-3 Y39	2019	2019						0%					-9%	Y	
13964351	18202701E16029	Elec Substation - Distr TDSIC	Rockport	Dale	System Protection Relay Upgrades	Arc Flash Relay PROT Dale (SWG)	2019	2019	Project cancelled in Period 7					0%	Arc flash protection provided would only account for the feeders (not the entire switchgear) and we will have a switchgear replacement in the future planned work			0%	Cancelled		
13966088	18202701E18020	Elec Substation - Trans TDSIC	Evansville	Evansville	Transmission Capacitor Replacements	Pigeon Creek capacitor Bank - Install 15.6 MVAR	2019	2019						0%					10%	Y	
14035029		Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	AutoSect - Garvin Y51-2	2022	2022	Project cancelled in Period 9					0%	Garvin substation will not require an Auto-sectionalizing controls package due to project (Maximo # 3751562- Garvin Substation Mod for Loop Feed), where we installed 69kV breakers for each line terminal entering the substation. The 69kV breakers allow for each individual 69kV line segment from Garvin substation to be protected and operated without affecting the other adjacent segment, thus negating the need for the Auto-sectionalizing			0%	Cancelled		
13751940	19202701E16027	Elec Substation - Distr TDSIC	Boonville	Boonville	Transmission Line Looping	Boonville Substation Mod for Loop Feed	2020	2020						0%					-26%	Y	Switch mounts purchased for project were incorrectly designed, requiring operations to remediate. Additional labor and overtime labor was required for remediation in order to complete project on schedule
13751979	18202701E58013	Elec System Improve - Trans TDSIC	Boonville	Boonville	Transmission Line Looping	Y56 Loop-Boonville & Boonville-Pioneer Subs New Line with OPGW (2.5 mi) Eng., ROW & Const	2020	2020						0%					9%	Y	Actual engineering costs were lower than estimate on Easement Acquisitions. Actual labor was less than estimate due to lower right-of-way clearing costs
13625628	18202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Transmission Line Looping	Berry Plastic Sub MOD for Loop Feed	2019	2019						0%					-22%	Y	Customer outage limitations created a short construction window requiring overtime. A city sewer line had to be abandoned for the substation site expansion which was not in the estimate
14035350	18202701E58014	Elec System Improve - Trans TDSIC	Evansville	Evansville	Transmission Line Looping	Y43 Berry Plastics Sub Loop Feed (0.1 mi) (incl w_OPGW plan)	2019	2019						0%					-1%	Y	
14351119	18202701E58021	Elec System Improve - Trans TDSIC	Evansville	Evansville	Transmission Line Looping	ZB5 Loop to Adams Substation	2019	2019						0%					100%	Y	Combined with Maximo project 13752001 (ZB5 Rebuild Heidelberg - Angel Mounds) for field efficiencies

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13751992	18202701E58012	Elec System Improve -Trans TDSIC	Boonville	Boonville	Transmission Line Rebuilds	V68 Rebuild Lynnville Meter to Lynnville (12.3 mi) (No OPGW Required)	2019	2019						0%					-9%	Y	The project was fixed bid for construction labor, but took longer to construct than estimated which drove up traffic control and right away measures. Material costs were also higher on the distribution stock items compared to estimate
13752001	17202701E58023	Elec System Improve -Trans TDSIC	Evansville	Evansville	Transmission Line Rebuilds	Z85 Rebuild Heidebach - Angel Mounds (6.7 mi) (Incl w_ OPGW Plan)	2019	2019						0%					-2%	Y	Additional labor and material costs were due to bundling with Maxime Work Order 14351119
13501369	18585401E56243	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Dress SUBD	2019	2019						0%					-33%	Y	Additional labor was required due to backyard work and access restrictions throughout the subdivision significantly reducing productivity. A new easement was required due to a building obstruction within the existing easement, which delayed the crew and required a transformer relocation
13506076	18585401E56245	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Executive Manor Apts	2019	2019						0%					-11%	Y	
13506078	18585401E56272	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Greenbriar Hills Phase I	2019	2019						0%					-11%	Y	
13519179	18585401E56223	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable REPL in Carroton Court Phase II	2019	2019						0%					45%	Y	Actual labor was less than estimate due to existing unknown conduit being found during construction and utilized for new conductor. This resulted in a lower than estimated boring cost
13519180	18585401E56224	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Castle Lake Estates	2019	2019						0%					11%	Y	
13519196	18585401E56219	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Lakeside Terrace Cable replace Phase IV	2019	2019						0%					45%	Y	Labor and material were less than estimate due to approximately a third of the underground cable was previously replaced as part of a different non-TDSIC project
13614232	18585401E56225	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Evergreen Acres Phase I	2019	2019						0%					-21%	Y	Additional labor was required due to the need for hydrovacoring or hand digging based on the locates. This led to lower productivity which resulted in higher labor costs
13633192	18585401E56259	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2019	2019						0%					10%	Y	
13633200	18585401E56246	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2019	2019						0%					-11%	Y	
13381618 14703400	18585501E56217	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Amber Ln-Ford Rd - Cable replace	2019	2019						0%					9%	Y	
13503436	18585601E56213	Elec System Improve -Distr TDSIC	Rockport	Santa Claus	Underground Cable Replacements and Looping	Santa Claus N. circuit Exit and Extension Install Ph 1	2019	2019						0%					-86%	Y	Project was changed from OH to UG prior to construction to continue our commitment with the Town of Santa Claus to install only UG facilities within the town limits
13519177	18585601E56231	Elec System Improve -Distr TDSIC	Rockport	Newburgh	Underground Cable Replacements and Looping	Broadview SUBD Cable replace Phase 4	2019	2019						0%					38%	Y	Actual labor was less than estimate due to existing unknown conduit being found during construction and utilized for new conductor. This resulted in a lower than estimated boring cost
13617461	18585601E56216	Elec System Improve -Distr TDSIC	Rockport	Santa Claus	Underground Cable Replacements and Looping	Christmas Lake Cable Third Main Feed install PhI	2019	2019						0%					-10%	Y	Additional labor was required due to change order associated with boring through rock
14000946	18585601E56215	Elec System Improve -Distr TDSIC	Rockport	Santa Claus	Underground Cable Replacements and Looping	Christmas Lake cable replacement third main feed install PhII	2019	2019						0%					-15%	Y	Due to a historical agreement with the town of Santa Claus, the overhead facilities were required to be redesigned as underground. Installing underground facilities is more expensive than installing overhead facilities
13506083	18585401E56279	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Net Trans CM-22 300DA Station N14	2022	2022	Project was cancelled in Period 10					0%	This project has been cancelled due to the work being completed outside of the TDSIC program				0%	Cancelled	Pre-construction costs prior to being cancelled as work was performed outside of the TDSIC program. Costs will be moved to the project outside of TDSIC
13506158	18585401E56250	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Civic circuit 1 2 3 underground Phase II	2019	2019						0%					3%	Y	
13506192	18585401E56239	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Mulberry circuit 1 2 3 underground Phase II	2019	2019						0%					-4%	Y	
13519201		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 300DA Station N7	2019	2019	Project cancelled in Period 7					0%	No longer need the transformer due to a New Business project in the same area				0%	Cancelled	
13519202		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 300DA Station N15	2019	2019	Project cancelled in Period 7					0%	No longer need the transformer due to a New Business project in the same area				0%	Cancelled	
13518936	18585601E56225	Elec System Improve -Distr TDSIC	Boonville	Boonville	Underslung Replacements	convert D2053 to a GOAB-BOWLING ALLEY-OAKDALE	2019	2019						0%					-17%	Y	
13518940	18585601E56228	Elec System Improve -Distr TDSIC	Boonville	Boonville	Underslung Replacements	convert D2119 to a GOAB-BOWLING ALLEY-OAKDALE	2019	2019						0%					-17%	Y	
13518960		Elec System Improve -Distr TDSIC	Boonville	Boonville	Underslung Replacements	convert D2134 to a GOAB-BOWLING ALLEY-FILLMAN	2019	2019	Project cancelled in Period 3					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program				0%	Cancelled	
13961125	18585601E56210	Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underslung Replacements	Convert Ex inline switch to a GOAB D2589	2019	2019						0%					-75%	Y	Additional labor needed due to access issues. Pole was located near lot and required significant amount of effort to ingress and egress for replacement and removal of existing switch
13518990	18585401E56251	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1510 to a GOAB-EPWORTH-PARKLAWN	2019	2019						0%					-4%	Y	
13518992	18585401E56252	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1594 to a GOAB-EPWORTH-LOCKWOOD	2019	2019						0%					-36%	Y	Actual cost of material was higher than estimate
13519022	18585401E56271	Elec System Improve -Distr TDSIC	Evansville	Newburgh	Underslung Replacements	convert D1597 to a GOAB-EPWORTH-LOCKWOOD	2019	2019						0%					42%	Y	Actual labor was less than estimate due to reconfiguration of pole framing
13519118	18585401E56212	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1389 to a GOAB-HOOSEY AVE-EPWORTH	2019	2019						0%					18%	Y	
13960846		Elec System Improve -Distr TDSIC	Francisco	Winslow	Underslung Replacements	Convert Ex inline switch to a GOAB D2628	2019	2019	Project cancelled in Period 3					0%	Switch was replaced when the primary meter was put in at the old Gleen substation under MW014097073				0%	Cancelled	

CEI South

Electric TDSIC Plan Projects

Page 13 of 31

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13960622		Elec System Improve - Distr TDSIC	Rockport	Rockport	Underslung Replacements	Convert Ex inline switch to a GOAB D1228	2019	2019	Project cancelled in Period 3					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program			0%		Cancelled	
14159686	5854E77001	Elec Pole Replacement - Distr TDSIC		Various	Wood Pole Replacements	2019 wood pole replacements	2019	2019	Project cancelled in Period 3					0%	Cancelled due to Supreme Court decision on multiple-unit-projects			0%		Cancelled	
14312148	17202701E16055	Elec Substation - Distr TDSIC	Boonville	Boonville	System Protection Relay Upgrades	Relay Replacement Degonia 188 288	2018	2018						0%				34%		Y	Project cost reduced due to internal engineering and in-house construction
14312142	17202701E16061	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Hilldale 188 388	2018	2018						0%				28%		Y	Project cost reduced due to internal engineering and in-house construction
14312126	17202701E16064	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement US1 488	2018	2018						0%				24%		Y	Project cost reduced due to internal engineering and in-house construction
13751986	17202701E58022	Elec System Improve -Trans TDSIC	Mt. Vernon	Mt. Vernon	Transmission Line Rebuilds	Y31 Leonard Rd to Z-93 Rebuild (6.8 miles) (No OPGW required)	2018	2018						0%				38%		Y	Actual labor and material bids were lower than estimate
13505824	18585401E56258	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Waterworks #1 circuit Conversion (Mulberry Sub)	2019	2019						0%				-165%		Y	Additional labor was required due to heavy traffic through project site, the need for hydrovac or hand digging based on the locales and coordinating resources with the adjacent Public Improvement project and work being done by the water/sewer company. These all led to lower productivity which resulted in higher labor costs
13505828	18585401E56268	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Waterworks #2 circuit Conversion (Riverside Sub)	2019	2019						0%				-43%		Y	Additional labor was required due to heavy traffic through project site, the need for hydrovac or hand digging based on the locales and coordinating resources with the adjacent Public Improvement project. These all led to lower productivity which resulted in higher labor costs
13970111	18202701E16024	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Stringtown 188-288-388-488	2019	2019						0%				4%		Y	
14312129	18202701E16026	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Tekoppel 100 188 388 488	2019	2019						0%				4%		Y	
13726602	19203401E56212	Elec System Improve - Distr TDSIC	Boonville	Boonville	12kV Circuit Rebuilds and Looping	Hospital circuit-Repl copper - 3phase	2020	2020						0%				-3%		Y	
13518714	18585401E56287	Elec System Improve - Distr TDSIC	Evansville	Haubstadt	12kV Circuit Rebuilds and Looping	3PH OH CKT tie between two radial feeds	2020	2020						0%				13%		Y	
13720962	18585401E56286	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	3PH OH tie between Armstrong and Hornville CKT	2020	2020						0%				-12%		Y	Costs in this period were trailing charges. Actual traffic control and vegetation management exceeded the estimate amount.
13612970	18585401E56277	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	BROWAY AVE circuit 3PH replace Copper Ph II	2020	2020						0%				6%		Y	
13612973	19585401E56222	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	BURDETTE circuit 3PH replace copper Ph I	2021	2021						0%				13%		Y	
13613113	18585401E56275	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	MARX RD circuit 3PH replace copper Ph II	2020	2020						0%				0%		Y	
13726854		Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	OAK HILL ROAD circuit 3PH repl copper	2020	2020	Project cancelled in Period 6					0%	Already complete in field			0%		Cancelled	
13614853		Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Reconductor along Boonville New Harmony Rd	2020	2020	Project cancelled in Period 7					0%	Project is being cancelled because this circuit will be relocated and rebuilt in future planned non-TDSIC work			0%		Cancelled	
13613163	18585501E56224	Elec System Improve - Distr TDSIC	Francisco	Rockport	12kV Circuit Rebuilds and Looping	STENDAL circuit 3PH replace copper PH IV	2020	2020						0%				-14%		Y	
13613191	18585601E56221	Elec System Improve - Distr TDSIC	Francisco	Winslow	12kV Circuit Rebuilds and Looping	WINSLOW circuit 3PH replace copper Ph II	2019	2019						0%				-29%		Y	Additional labor was required due to line clearing activities for construction access within the project right-of-way. Due to wet field conditions, restoration costs were higher than estimated
13612979	19585501E56216	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	CARBON circuit 3PH replace copper Ph I	2020	2020						0%				46%		Y	Labor was less due to utilization of in-house crews
13613037	18585501E56227	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	Kimball circuit and Caborn circuit Tie Capacity upgrade	2020	2020						0%				49%		Y	Labor was less due to utilization of in-house crews
14033123	18585501E56222	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	RUSH CREEK CKT 3PH repl copper Phase II	2021	2021						0%				5%		Y	
14033122	18585501E56225	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	RUSH CREEK CKT 3PH repl copper Phase I	2021	2021						0%				-13%		Y	
13613184	18585401E56290	Elec System Improve - Distr TDSIC	Mt. Vernon	Evansville	12kV Circuit Rebuilds and Looping	UNION TOWNSHIP circuit 3PH replace copper Ph II	2020	2020						0%				-3%		Y	
14312698	19202701E16014	Elec Substation - Distr TDSIC	Evansville	Evansville	4kV Conversions	CIRCUIT #5	2020	2020						0%				16%		Y	
13993861	19585401E56228	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Garrison Ave CKT Conversion (Dixieland Sub) Ph I	2021	2021						0%				-25%		Y	Actual labor was higher than estimate due to additional line construction and traffic control labor required for multiple mobilizations associated with different contractors performing work. Productivity was lower and efficiencies were slowed due to heavy vehicular traffic while working within highway right of way
14044176	19585401E56229	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Garrison Ave CKT Conversion (Dixieland Sub) Ph II	2021	2021						0%				-7%		Y	
13519155	18585401E56283	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Maplewood circuit Conversion (Colonial Sub) PhI	2019	2019						0%				-32%		Y	Additional labor was required due to heavy traffic through project site, additional site preparation, and the need for hydrovac or hand digging based on the locales
13997236	18585401E56273	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Maplewood circuit Conversion (Colonial Sub) PhII	2019	2019						0%				-10%		Y	Additional labor was required due to heavy traffic through project site, additional site preparation, and the need for hydrovac or hand digging based on the locales
13615166	18585401E56281	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Welborn Alternate circuit Conversion (Mulberry Sub)	2020	2020						0%				8%		Y	

CEI South

Electric TDSIC Plan Projects

Page 14 of 31

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13519159	18585401E56284	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Whirlpool Ordinance circuit Conv (Plymouth Sub) PHI	2020	2020						0%				-23%	Y	Actual labor exceeded estimate due to Louisiana 4kv project work being performed on this project for efficiency. There is underspend on Maximo # 13519154 (Louisiana St circuit Conversion PHI) and Maximo # 13997199 (Louisiana St circuit Conversion PHI)	
13997238	18585401E56285	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Whirlpool Ordinance circuit Conversion (Plymouth Sub) PHI	2020	2020						0%				-29%	Y	Actual labor was more than estimated due to additional line construction and traffic control labor required due to multiple mobilizations associated with different contractors performing work and coordination with water utility project. Productivity was lower and efficiencies were slowed due to poor condition of the existing facilities	
14008721	19585401E56011	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2020-Distribution Automation #1 Kietz Rd and Armstrong circuits	2021	2021						0%				-93%	Y	Actual labor was higher than estimate due to post construction testing of material and communication paths. Additionally, actual labor and material costs were more than estimate due to replacing two existing line regulator banks, one new line regulator bank, and one substation regulator bank for additional voltage to support proposed automated switching	
14008746	19585401E56256	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2020-Distribution Automation #2 Eleventh Ave and Broadway Ave circuits	2020	2020						0%				29%	Y	Labor was less due to utilization of in-house crews	
14008858	19585401E56257	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2020-Distribution Automation #3 Carriage House and Old Boonville circuits	2021	2021						0%				28%	Y	Actual labor was less than estimated due to utilization of in-house crews	
14008951	19585401E56259	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2020-Distribution Automation #5 Union Township and Burdette circuits	2021	2021						0%				-22%	Y	Additional labor required for post construction testing of material and communication paths. Additional material cost was needed for communication equipment at the substation	
14008912	19585401E56258	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2020-Distribution Automation #4 Rosedale and Vogel Rd circuits	2021	2021						0%				30%	Y	Actual labor was less than estimate due to utilization of in-house crews	
13613006	19585601E56216	Elec System Improve - Distr TDSIC	Boonville	Boonville	Distribution Capacitor Replacements	Chandler circuit - capacitor upgrade	2020	2020						0%				-118%	Y	Actual labor was higher than estimated due to high volume of traffic within the project area, resulting in higher traffic control, inspection and construction labor costs	
13612962	19585401E56244	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Blairsville circuit - capacitor upgrade	2020	2020						0%				46%	Y	Labor was less due to utilization of in-house crews	
13612974	19585401E56245	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Burdette circuit - capacitor upgrade	2020	2020						0%				19%	Y		
13613114	19585401E56246	Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Maxx Road circuit - capacitor upgrade	2020	2020						0%				18%	Y		
13612983	19585501E56217	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Distribution Capacitor Replacements	Caborn circuit - capacitor upgrade	2020	2020						0%				32%	Y	Labor was less due to utilization of in-house crews	
13626446	19202701E18022	Elec Substation - Trans TDSIC	Francisco	Oakland City	Instrument Transformer Replacements	Oakland City PT replacements	2020	2020						0%				40%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Estimate assumed external contract engineering and construction labor	
13970267	19202701E18019	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Instrument Transformer Replacements	Mount Vernon PT replacements	2020	2020						0%				-11%	Y		
14080681	19202701E16025	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters-New Harmony-East circuit-Porcelain-Brown	2020	2020						0%				-25%	Y	Actual labor was higher than estimated due to difficulty accessing the arresters	
14080682	19202701E16025	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters-New Harmony-West circuit-Porcelain-Brown	2020	2020						0%				-25%	Y	Actual labor was higher than estimated due to difficulty accessing the arresters	
13970643	19202701E16030	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Battery System Replacements	Battery Replacement	2020	2020						0%				-4%	Y		
13970638	19202701E16013	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Battery System Replacements	Charger Replacement	2020	2020						0%				-80%	Y	Actual labor was higher than estimated due to contractor mobilization	
13966065	19202701E16017	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	Paradise Sub SWGR #1 Replace	2020	2020						0%				-10%	Y		
13966099	19202701E16011	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	ROLLING HILLS 188 - 4858859	2020	2020						0%				-15%	Y		
13966101	19202701E16011	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	ROLLING HILLS 288 - 4858858	2020	2020						0%				-15%	Y		
14034399	19202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Angel Mounds 188 - 4859593	2020	2020						0%				25%	Y	Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and de-mobilization costs	
14034414	19202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Angel Mounds 288 - 4859597	2020	2020						0%				25%	Y	Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and de-mobilization costs	
14034402	19202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Angel Mounds 200 - 4859418	2020	2020						0%				25%	Y	Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and de-mobilization costs	
14034398	19202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Angel Mounds 177 - 4859595	2020	2020						0%				25%	Y	Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and de-mobilization costs	
14034397	19202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Angel Mounds 100 - 4859594	2020	2020						0%				25%	Y	Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and de-mobilization costs	
13964270	19202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	BUCKWOOD Sub SWGR #1 Convert	2020	2020						0%				39%	Y	Labor was less than estimated due to bundling of projects resulting in savings on engineering costs and construction labor was performed by in house crews. Actual material costs of material was less due to going from a switchgear to an open bus configuration	
13964263	19202701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	BUCKWOOD Sub SWGR #2 Convert	2020	2020						0%				39%	Y	Labor was less than estimated due to bundling of projects resulting in savings on engineering costs and construction labor was performed by in house crews. Actual material costs of material was less due to going from a switchgear to an open bus configuration	
13970644	19202701E16032	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Battery System Replacements	Battery Replacement	2021	2021						0%				0%	Y		
13964511	19202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	EAST SIDE 188 - 4852578	2020	2020						0%				-74%	Y	Labor and material were higher than estimate due to the need for replacing all four sets of regulators rather than one set which was required to accommodate the CVR project in the same sub. A newer estimate was not submitted due to time constraints of finishing the detailed engineering and starting the project earlier than planned due to the CVR project	
13964512	19202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	EAST SIDE 288 - 4852579	2020	2020						0%				-74%	Y	Labor and material were higher than estimate due to the need for replacing all four sets of regulators rather than one set which was required to accommodate the CVR project in the same sub. A newer estimate was not submitted due to time constraints of finishing the detailed engineering and starting the project earlier than planned due to the CVR project	

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13964513	19020701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	EAST SIDE 388 - 4852577	2020	2020						0%				-74%	Y	The original estimate was a level 4 estimate. It did include scope increase from replacing one set of regulators to all four sets which was done to accommodate the CVR project. The new regulator controls use fiber optic communications, running new control cable and the fiber optic cable required additional trenching, conduit, cable and labor not included in the original estimate. A newer estimate was not submitted due to time constraints of finishing the detailed engineering and starting of the projects construction.	
13964515	19020701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	EAST SIDE 488 - 4852576	2020	2020						0%				-74%	Y	Labor and material were higher than estimate due to the need for replacing all four sets of regulators rather than one set which was required to accommodate the CVR project in the same sub. A newer estimate was not submitted due to time constraints of finishing the detailed engineering and starting the project earlier than planned due to the CVR project.	
13965674	19020701E18019	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	MOUNT VERNON MAIN 177 - 4859638	2020	2020						0%				-11%	Y		
13965682	19020701E18019	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	MOUNT VERNON MAIN 277 - 4859646	2020	2020						0%				-11%	Y		
13965747	19020701E16025	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	NEW HARMONY SWITCHING STATION 277 - 4859254	2020	2020						0%				-25%	Y	Labor cost was higher than estimated due to modifications required to reconfigure disconnect switches on existing steel	
14034523	19020701E18018	Elec Substation - Trans TDSIC	Rockport	Holland	Substation Circuit Breaker Replacements	REPLACE DUBOIS OCB 2000	2020	2020						0%				10%	Y		
14034527	19020701E18018	Elec Substation - Trans TDSIC	Rockport	Holland	Substation Circuit Breaker Replacements	REPLACE DUBOIS OCB 3000	2020	2020						0%				10%	Y		
14038895	19020701E16016	Elec Substation - Trans TDSIC	Rockport	Rockport	Substation Circuit Breaker Replacements	ROCKPORT 277 - 4859683	2020	2020						0%				-74%	Y	Actual labor and material costs were higher than estimated due to the need to replace 3 PTs that were found to be in poor condition on site. The PTs were leaking oil creating a potential for catastrophic failure according to manufacturer documentation	
14038899	19020701E16016	Elec Substation - Trans TDSIC	Rockport	Rockport	Substation Circuit Breaker Replacements	ROCKPORT 177 - 4859687	2020	2020						0%				-74%	Y	Actual labor and material costs were higher than estimated due to the need to replace 3 PTs that were found to be in poor condition on site. The PTs were leaking oil creating a potential for catastrophic failure according to manufacturer documentation	
13966102	19020701E16011	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Transformer Replacements	ROLLING HILLS T1 - L2464258	2020	2020						0%				-15%	Y	Actual labor and material costs were higher than estimated due to the construction of a new control house which was required for the new protection and communication equipment that was installed on this project. Communication upgrades at interconnecting substations were also higher than estimated. Last, additional labor was required to relocate the antennae structure due to interference with the incoming new transmission line.	
13964273	19020701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	BUCKWOOD T1 - L252307	2020	2020						0%				39%	Y	Labor was less than estimated due to bundling of projects resulting in savings on engineering costs and construction labor was performed by in house crews. Actual material costs of material was less due to going from a switchgear to an open bus configuration	
13964274	19020701E16022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	BUCKWOOD T2 - L252748	2020	2020						0%				39%	Y	Labor was less than estimated due to bundling of projects resulting in savings on engineering costs and construction labor was performed by in house crews. Actual material costs of material was less due to going from a switchgear to an open bus configuration	
13970645		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Battery System Replacements	Battery Replacement	2021	2021						0%				100%	Y	Combined with Maximo project 13970190 (TEKOPPEL T1 - M1624348) for field efficiencies	
13965307	19020701E16015	Elec Substation - Distr TDSIC	Evansville	Newburgh	Substation Transformer Replacements	GRIMM ROAD T1 - L252380	2020	2020						0%				-11%	Y	Labor was higher than estimate for the construction and electrical work. The replacement transformer had a more advanced Tap-Changer control system resulting in an increase in labor for the SCADA work	
13965714	19020701E16021	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	REPL of MULBERRY SUB Dist. Network T3	2020	2020						0%				28%	Y	Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and de-mobilization costs	
13965715	19020701E16021	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	REPL of MULBERRY SUB Dist. Network T4	2020	2020						0%				28%	Y	Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and de-mobilization costs	
14356772	20202701E18018	Elec Substation - Trans TDSIC	Evansville	Evansville	Supervisory Control and Data Acquisition Upgrades	Ohio River Station RTU Replacement	2020	2020						0%				44%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Project was combined with Maximo project 13966031 (Ohio River STAT Y31-1 Y50-1 Y30 Y32-1) creating construction efficiencies	
13966066	19020701E16017	Elec Substation - Distr TDSIC	Boonville	Boonville	System Protection Relay Upgrades	Arc Flash Relay PROT Paradise (SWGR)	2020	2020						0%				-10%	Y		
14034480	20202701E18011	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Angel Mounds Y45	2020	2020						0%				16%	Y		
13965867	20202701E18013	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL-Oak Grove Y58 Y25-2	2021	2021						0%				-78%	Y	Engineering costs from Maximo 13965867 were charged to this project	
13965847	20202701E16015	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL-Oak Grove T1 MSOC	2020	2020						0%				44%	Y	Engineering costs for this project were charged to Maximo 13965867	
13966031	20202701E18014	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Ohio River STAT Y31-1 Y50-1 Y30 Y32-1	2020	2020						0%				24%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources. Project was combined with Maximo project 14356772 (Ohio River Station RTU Replacement) creating construction efficiencies	
13966205	20202701E16014	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Arc Flash Relay PROT St Mary's (SWGR)	2020	2020						0%				-14%	Y		
13966204	20202701E16013	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-St. Mary's T1 T2 Bus tie MSOC	2020	2020						0%				34%	Y	Actual labor was less than estimate due to utilization of in-house crews	
13970214	20202701E16016	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-VIP T1 T2 MSOC	2020	2020						0%				49%	Y	Labor cost was less than estimated due to utilization of internal engineering and construction resources	
13970646		Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Battery System Replacements	Battery Replacement	2023	2023	Project was cancelled in Period 10					0%	This project has been cancelled due to the work being completed outside of the TDSIC program			0%	Cancelled		
13964353	20202701E16025	Elec Substation - Distr TDSIC	Rockport	Dale	System Protection Relay Upgrades	AutoSect - Dale Y64_78	2020	2020						0%				-32%	Y	Actual labor was higher due to construction bids greater than estimated	
13965582	20202701E18012	Elec Substation - Trans TDSIC	Rockport	Holland	System Protection Relay Upgrades	Relay REPL-Jasper SW Y67-2 Y67-3	2020	2020						0%				21%	Y	Actual labor was less than estimated due to use of internal crews resulting in significant cost savings. Estimate assumed external contract labor	
13965806	19020701E18021	Elec Substation - Trans TDSIC	Evansville	Evansville	Transmission Capacitor Replacements	Northeast Sub capacitor Bank - install 15.6 MVAR bank	2020	2020						0%				-20%	Y	Labor was higher than estimate due to a second mobilization and the need to install custom bus connections	
13751987	19020701E58012	Elec System Improve - Trans TDSIC	Boonville	Newburgh	Transmission Line Looping	Y58_Y59 Loop for Paradise Sub (1.8 mi) (Incl w_ OPGW plan)	2020	2020						0%				6%	Y	Actual labor was less than estimate due to right-of-way conditions that required less erosion control measures	
13751962	18020701E16023	Elec Substation - Distr TDSIC	Evansville	Evansville	Transmission Line Looping	Garvin Substation Mod for Loop Feed	2019	2019						0%				49%	Y	Labor and material were less than the estimated because the specified site expansion and installation of new H-frame structures were not required	

CEI South Electric TDSIC Plan Projects																					
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13751968	18202701E58016	Elec System Improve -Trans TDSIC	Evansville	Evansville	Transmission Line Looping	V43_51 - Loop for Garvin Substation (No OPGW Required)	2019	2019						0%					10%	Y	
13751981	20202701E58011	Elec System Improve -Trans TDSIC	Boonville	Boonville	Transmission Line Rebuilds	V68 Culley to Boonville (0.6 miles)	2021	2021						0%					16%	Y	Actual labor was less than estimate due to favorable weather and right of way conditions
13751963	18202701E58013	Elec System Improve -Trans TDSIC	Evansville	Evansville	Transmission Line Rebuilds	Civic Center 1 Replace underground (0.5 mi)	2021	2021						0%					6%	Y	
13751978	18202701E58015	Elec System Improve -Trans TDSIC	Evansville	Evansville	Transmission Line Rebuilds	V52-1 NE to Millersburg Rd (2.2 miles) (Ind w_ OPGW plan)	2019	2019						0%					-6%	Y	
13613202	18585601E56234	Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Broadview SUBD Cable replace Phase 5	2020	2020						0%					18%	Y	
13614204	19585601E56217	Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Broadview SUBD Cable replace Phase 6	2020	2020						0%					17%	Y	
13519197	19585601E56210	Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	underground Cable replace in Meadows Apartments	2020	2020						0%					11%	Y	
13519198	19585601E56213	Elec System Improve -Distr TDSIC	Boonville	Boonville	Underground Cable Replacements and Looping	underground Cable replace in Mobile Manor Phase I	2020	2020						0%					8%	Y	
13519199	19585601E56214	Elec System Improve -Distr TDSIC	Boonville	Boonville	Underground Cable Replacements and Looping	underground Cable replace in Mobile Manor Phase II	2020	2020						0%					23%	Y	Labor was less than estimate due to the utilization of new unit-based labor rates instead of time & equipment
13633206	19585601E56212	Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Underground Cable replacement in Ridgewood Heights	2020	2020						0%					38%	Y	Labor was less than estimate due to the utilization of new unit-based labor rates instead of time & equipment
13727088	18585401E56292	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2020	2020						0%					41%	Y	labor was less due to utilization of in-house crews
13727434		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2020	2020	Project cancelled in Period 4					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. All live front switchgears are replaced due to safety hazards associated with proximity of live bus during maintenance activities. In this case, replacement was not required				0%	Cancelled	
13727447	19585401E56218	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Charter Oaks Apartments Cable REPL	2020	2020						0%					36%	Y	Actual labor was less than estimated due to the utilization of unit-based labor rates instead of time & equipment
13519184	19585401E56219	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Greenbriar Co-Op Phase I	2020	2020						0%					43%	Y	Labor and material were less than estimate because a portion of the project will be completed under Maximo project 13519187 (Greenbriar Co-Op Phase II) due to inability to secure easement
13519185	19585401E56230	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Greenbriar Co-Op Phase II	2020	2020						0%					28%	Y	Labor was less than estimate due to the utilization of new unit-based labor rates instead of time & equipment
13614239	19585401E56243	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Harper Heights	2020	2020						0%					38%	Y	Actual labor was less than estimated due to the utilization of unit-based labor rates instead of time & equipment
13614240	19585401E56233	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Lakeside Terrace Cable replace Phase V	2020	2020						0%					33%	Y	Actual labor was less than estimated due to the utilization of unit-based labor rates instead of time & equipment
14034088	19585401E56217	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Mission Viejo Cable REPL	2020	2020						0%					35%	Y	Labor was less than estimate due to the utilization of new unit-based labor rates instead of time & equipment
13616740	18585401E56282	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Turpin SUBD	2020	2020						0%					25%	Y	Labor was less than estimate due to the utilization of new unit-based labor rates instead of time & equipment
13614245	18585401E56288	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Valley View and Golden Towers Phase II	2020	2020						0%					42%	Y	Labor was less than estimate due to the utilization of new unit-based labor rates instead of time & equipment
13614244	18585401E56280	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Valley View and Golden Towers Phase I	2020	2020						0%					11%	Y	
13727515		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2019	2019	Project cancelled in Period 6					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. All live front switchgears are replaced due to safety hazards associated with proximity of live bus during maintenance activities. In this case, replacement was not required				0%	Cancelled	
13975041	18585601E56224	Elec System Improve -Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Santa Claus N. circuit Exit and Extension install Ph III	2019	2019						0%					17%	Y	
13975039	18585601E56223	Elec System Improve -Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Santa Claus N. circuit Exit and Extension install Ph II	2019	2019						0%					4%	Y	
13519204	19585401E56221	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Mulberry circuit 1 2 3 underground Phase III	2020	2020						0%					12%	Y	
13519203	19585401E56241	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Civic circuit 1 2 3 underground Phase III	2020	2020						0%					-39%	Y	Actual labor was more than estimated due to the need to install new duct bank once existing was found to be collapsed along several spans. This along with extra traffic control and construction labor led to the overall labor variance for this project
13617001	19585401E56225	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Net Trans OH-22 City-County Building Civic 3	2020	2020						0%					24%	Y	Actual labor was less than estimated due to crew finishing project in less time than what was estimated

CEI South
Electric TDSIC Plan Projects

Page 17 of 31

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
1350307	19585401E56226	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 City-County Building Civic 1	2020	2020	Project cancelled in Period 7					0%	Current and future projected load did not justify the replacement of the transformer and it will be replaced under a future planned non-TDSIC project				0%	Cancelled	
13613015	19203401E56210	Elec System Improve - Distr TDSIC	Boonville	Boonville	Underslung Replacements	convert D2140 to a GOAB - HOSPITAL-OAKDALE SCHOOL	2020	2020						0%					75%	Y	The labor associated with the installation of the GOAB switch was bundled with the work being performed for Maximo project 13726602. The actual charges shown is for material.
13613135		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1541 to a GOAB-SOUTH BOEKE-ROSEDALE	2020	2020	Project cancelled in Period 4					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program				0%	Cancelled	
13961533	19585401E56224	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex inline switch to a GOAB D2582	2020	2020						0%					27%	Y	Labor was less due to utilization of in-house crews
13613123		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1191 to a GOAB - OLMSTEAD- STRINGTOWN	2020	2020	Project cancelled in Period 4					0%	Pole will be replaced as part of E/W Line projects and will be moved to back of sidewalk as new standards state				0%	Cancelled	
13613129		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1194 to a GOAB - PARK ST-SEVENTH AVE_4	2020	2020	Project cancelled in Period 4					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program				0%	Cancelled	
13613167		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1169 to a GOAB - STRINGTOWN-NORTH KENTUCKY	2020	2020	Project cancelled in Period 4					0%	Switch pole will be replaced and moved by a conversion project in 2021				0%	Cancelled	
13961522	18585501E56228	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underslung Replacements	Convert Ex inline switch to a GOAB D2114	2020	2020						0%					40%	Y	Labor was less due to utilization of in-house crews
13961524		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underslung Replacements	Convert Ex inline switch to a GOAB D1881	2020	2020	Project cancelled in Period 5					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program				0%	Cancelled	
13613034	19585501E56215	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underslung Replacements	convert D2357 to a GOAB - KIMBALL-INDIAN MOUNDS ROAD	2020	2020						0%					89%	Y	Labor was less due to utilization of in-house crews
13613109	19585501E56210	Elec System Improve - Distr TDSIC	Mt. Vernon	Evansville	Underslung Replacements	convert D3021 to a GOAB - MARRS-UNION TOWNSHIP	2020	2020						0%					83%	Y	Labor was less due to utilization of in-house crews
14159739		Elec Pole Replacement - Distr TDSIC		Various	Wood Pole Replacements	2020 wood pole replacements	2020	2020	Project cancelled in Period 3					0%	Cancelled due to Supreme Court decision on multiple-unit-projects				0%	Cancelled	
13500027	19585401E56240	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Glenwood circuit CONV (Colonial Sub)	2021	2021						0%					-13%	Y	
13965205	18202701E16017	Elec Substation - Distr TDSIC	Evansville	Newburgh	Substation Circuit Breaker Replacements	GRIMM ROAD 188 - 48S8820	2019	2019						0%					46%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location
13965243	18202701E16017	Elec Substation - Distr TDSIC	Evansville	Newburgh	Substation Circuit Breaker Replacements	GRIMM ROAD 288 - 48S8822	2019	2019						0%					46%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location
13965275	18202701E16017	Elec Substation - Distr TDSIC	Evansville	Newburgh	Substation Circuit Breaker Replacements	GRIMM ROAD 388 - 48S2160	2019	2019						0%					46%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location
14312120	18202701E16027	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Whipspool 166 266 366	2019	2019						0%					6%	Y	
13518904	20203401E56210	Elec System Improve - Distr TDSIC	Boonville	Boonville	12kV Circuit Rebuilds and Looping	BOWLING ALLEY circuit 3PH replace Copper	2021	2021						0%					4%	Y	
13500058	19585601E56220	Elec System Improve - Distr TDSIC	Boonville	Newburgh	12kV Circuit Rebuilds and Looping	Extend 3PH Camelet circuit west along Oak Grove Rd	2021	2021						0%					28%	Y	Actual labor was less than the T&E not to exceed bid
13616342	19585601E56218	Elec System Improve - Distr TDSIC	Boonville	Newburgh	12kV Circuit Rebuilds and Looping	DAM circuit 3PH replace copper conductor	2021	2021						0%					0%	Y	
13612972	20585401E56242	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	BROWNING RD circuit 3PH replace Copper PH II	2021	2021						0%					-4%	Y	
13612971	19585401E56273	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	BROWNING RD circuit 3PH replace Copper PH I	2021	2021						0%					22%	Y	Actual labor was less than the T&E not to exceed bid
13614311	20585401E56243	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	BURDETTE circuit 3PH replace Copper PH II	2021	2021	Project suspended in Period 8					0%	Project is suspended to keep planned annual budgets and caps within required parameters				0%	Suspended	
13614653	19585401E56251	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	DIVISION ST circuit 3PH replace copper	2021	2021						0%					13%	Y	
13614692	19585401E56275	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Evergreen Rd circuit Radial Tie-Larch Ln	2021	2021						0%					31%	Y	Actual labor was less than the T&E not to exceed bid
13614691	19585401E56274	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	3PH circuit tie-Eisler Rd to Hwy 41	2021	2021						0%					7%	Y	
13616524	19585401E56262	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Fifth Ave circuit and North Park circuit Tie upgrade	2021	2021						0%					15%	Y	Actual labor was less than the T&E not to exceed bid
13616526	20585401056219	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	FIFTH AVE circuit 3PH replace copper conductor	2021	2021	Project suspended in Period 8					0%	Project is suspended to keep planned annual budgets and caps within required parameters				0%	Suspended	
13726535	20585401E56227	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	HOOSIER AVE circuit 3PH repl copper Phase I	2021	2021						0%					-32%	Y	Actual labor was higher than estimate due to additional line construction and traffic control labor. Productivity was lower and efficiencies were slowed due to heavy vehicular traffic while working within highway right of way

CEI South Electric TDSIC Plan Projects																			Actual Variance Commentary			
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13614703	18585401E56276	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	MARK RD circuit 3PH replace copper PH III	2020	2020						0%					39%	Y	labor and material cost were less than estimate due to portion of the project being completed under a previous phase Maximo project 13613113 (Marx Rd Ph II) for efficiency	
13614738	20585401E56222	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	North Boeke RD circuit upgrade	2021	2021						0%					-7%	Y		
13883947		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Convert N Kentucky Ave circuit exit to OH	2020	2020	Project cancelled in Period 7					0%	Project is being cancelled because this circuit will be eliminated in future planned non-TDSIC work				0%	Cancelled		
13614658	20585501E56213	Elec System Improve -Distr TDSIC	Francisco	Francisco	12kV Circuit Rebuilds and Looping	Douglas Station circuit_Prin Farms circuit Tie	2021	2021						0%					12%	Y		
13615034	19585501E56219	Elec System Improve -Distr TDSIC	Francisco	Rockport	12kV Circuit Rebuilds and Looping	STENDAL circuit 3PH replace copper PH V	2021	2021						0%					1%	Y		
13615206	18585601E56222	Elec System Improve -Distr TDSIC	Francisco	Winslow	12kV Circuit Rebuilds and Looping	WINSLOW circuit 3PH replace copper PH III	2019	2019						0%					-8%	Y		
13614501	20585501E56217	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	CABORN circuit 3PH replace copper PH II	2021	2021						0%					-25%	Y	Actual labor was higher than estimate due to replacing more copper conductor in the field	
13614504	20585501E56210	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	COPPERLINE RD circuit 3PH replace copper PH I	2021	2021						0%					38%	Y	Actual labor was less than estimate due to utilization of in-house crews. Estimate assumed contract construction labor	
13614693	20585501E56214	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	Farmersville circuit Rebuild	2021	2021						0%					22%	Y	Actual labor was less than estimate due to utilization of in-house crews	
13614508	20585601E56216	Elec System Improve -Distr TDSIC	Rockport	Holland	12kV Circuit Rebuilds and Looping	DALE NORTH circuit 3PH replace copper PH I	2021	2021						0%					23%	Y	Actual labor was less than the T&E not to exceed bid	
13614620	20585601E56215	Elec System Improve -Distr TDSIC	Rockport	Dale	12kV Circuit Rebuilds and Looping	DALE SOUTH circuit 3PH replace copper PH I	2021	2021						0%					7%	Y		
13614622	20585601E56210	Elec System Improve -Distr TDSIC	Rockport	Rockport	12kV Circuit Rebuilds and Looping	Lincoln State Park - relocate feed	2021	2021						0%					37%	Y	Actual labor was less than estimated due to utilization of in-house crews for the overhead removal portion of the project	
13519119	20585401E56260	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Ball Park circuit Conversion (Garvin Sub) PHII	2022	2022						0%					36%	N	Construction in progress	
13997167		Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Ball Park circuit Conversion (Garvin Sub) PHII	2022	2022						0%					100%	N		
13963432	19202701E16029	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	System Protection Relay Upgrades	Benton Corner 12kV PROT-CONTR upgrade	2021	2021						0%					-157%	Y	Actual material and labor costs were more than estimated due to additional space for the relays requiring a new control house and cable trench	
13997170	20585401E56262	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Ball Park circuit Conversion (Garvin Sub) PHII	2022	2022						0%					98%	N	Pre-construction costs	
14013045	21585401E56238	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Ball Park circuit Conversion (Garvin Sub) PHIV	2022	2022						0%					95%	N	Pre-construction costs	
13519139	20585401E56234	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Grand Ave circuit Conversion (Colonial Sub)	2021	2021						0%					4%	Y		
13519151	20585401E56230	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Jackson Ave circuit Conversion (Colonial Sub) PHII	2021	2021						0%					-25%	Y	Actual labor and material cost for this project was higher than estimate, primarily driven by stock material	
13997239	20585401E56231	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Jackson Ave circuit Conversion (Colonial Sub) PHII	2021	2021						0%					-2%	Y		
13519154	19585401E56214	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Louisiana St circuit Conversion (Garvin Sub) PH	2020	2020						0%					15%	Y	Actual labor was less than estimated due to work being performed on Maximo # 13519159 (Whirlpool Ordinance circuit Conv PHII) for efficiency	
13997199	19585401E56215	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Louisiana St circuit Conversion (Garvin Sub) PHII	2020	2020						0%					24%	Y	Actual labor was less than estimate due to work being performed on Maximo # 13519159 (Whirlpool Ordinance circuit Conv PHII) for efficiency and less traffic control was required	
13997204	19585401E56216	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Louisiana St circuit Conversion (Garvin Sub) PHII	2020	2020						0%					0%	Y		
14008997	21585401E56230	Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Automation	2021-Distribution Automation #1 Lafayette, Seventh and West Columbia	2022	2022	Project was cancelled					100%	Due to conversion work the installation of DA devices would potentially be relocated in future years				61%	Cancelled	Project is cancelled, will transfer the charges in the next filing period	
14008964	19585401E56212	Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Automation	2021-Distribution Automation #2 Enterprise and Lloyd Crossing circuits	2019	2019						0%					9%	Y		
14009005	20585401E56235	Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Automation	2021-Distribution Automation #3 Jenner Rd and Oak Grove Rd circuits	2022	2022						0%					-28%	N	Construction in progress; Additional labor and material costs in the electric reclosers per the new Distribution Automation standards	
14009021		Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Automation	2021-Distribution Automation #5 Homestead Ave and Old State Rd circuits	2022	2022						0%					100%	N		
14009011	18585401E56291	Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Automation	2021-Distribution Automation #4 Burkhardt Rd and Virginia Street circuits	2019	2019						0%					-78%	Y	Additional material costs in the electric reclosers per the new Distribution Automation standards	
14009033		Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Automation	2021-Distribution Automation #6 Green River Rd and Eastland Mall circuits	2022	2022						0%					100%	N		
13614652	20585601E56218	Elec System Improve -Distr TDSIC	Boonville	Newburgh	Distribution Capacitor Replacements	Dam circuit - capacitor upgrade	2021	2021						0%					-75%	Y	Actual labor and material was higher than estimated due to system conditions requiring an additional capacitor bank to be installed	
13614690	20585401E56237	Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Evergreen Road circuit - capacitor upgrade	2021	2021						0%					-4%	Y		
13614503	20585401E56236	Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Concord Boulevard circuit - capacitor upgrade	2021	2021						0%					-4%	Y		
13614654	20585401E56238	Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Division Street circuit - capacitor upgrade	2021	2021						0%					22%	Y	Actual labor was less due to utilization of in-house crews. Estimate assumed contract construction labor	

CEI South Electric TDSIC Plan Projects																					
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13614506	20585501E56216	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Distribution Capacitor Replacements	Copperline Road circuit - capacitor upgrade	2021	2021						0%					74%	Y	Actual labor was less due to utilization of in-house crews. Estimate assumed contract construction labor
13614512	20585601E56219	Elec System Improve - Distr TDSIC	Rockport	Dale	Distribution Capacitor Replacements	Dale North circuit - capacitor upgrade	2021	2021						0%					40%	Y	Actual labor was less than estimate due to utilization of in-house crews
13614621	20585601E56220	Elec System Improve - Distr TDSIC	Rockport	Dale	Distribution Capacitor Replacements	Dale South circuit - capacitor upgrade	2021	2021						0%					-18%	Y	
13964153	20202701E16024	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	BOONVILLE PIONEER 166 - 4848992	2021	2021						0%					-4%	Y	
13970343	19202701E16021	Elec Substation - Distr TDSIC	Evansville	Evansville	Instrument Transformer Replacements	Mulberry PT replacements	2020	2020						0%					28%	Y	Labor was less than estimate due to bundling of project work creating savings on construction bid and mobilization and de-mobilization costs
13964154	20202701E16024	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	BOONVILLE PIONEER 188 - 4842773	2021	2021						0%					-4%	Y	
13964171	19202701E16026	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	BOONVILLE PIONEER 199 - 4842776	2021	2021						0%					8%	Y	
13964160	20202701E16024	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	BOONVILLE PIONEER 288 - 4842846	2021	2021						0%					-4%	Y	
13964161	20202701E16024	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	BOONVILLE PIONEER 388 - 4848976	2021	2021						0%					-4%	Y	
13964168	20202701E16024	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	BOONVILLE PIONEER 488 - 4848453	2021	2021						0%					-4%	Y	
13964170	20202701E16024	Elec Substation - Distr TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	BOONVILLE PIONEER 588 - 4848978	2021	2021						0%					-4%	Y	
13964219	21202701E16011	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Broadview Sub SWGR #2 Replace	2022	2022						0%					92%	N	Pre-construction costs
13964217	21202701E16011	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Transformer Replacements	BROADVIEW T2 - CM17478-10101	2022	2023	Project was pushed out a year to be worked sequentially following the switchgear replacement to gain construction efficiencies					0%					92%	N	Pre-construction costs
13970639	19202701E16011	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Battery System Replacements	Charger Replacement	2020	2020						0%					-15%	Y	
13970640		Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Battery System Replacements	Charger Replacement	2022	2022	Project cancelled in Period 8					0%	Project is cancelled due to Givens will have new control house in 2021 and project will be completed as part of that work			0%	Cancelled		
13970641		Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Battery System Replacements	Charger Replacement	2023	2023	Project was cancelled					100%	Charger was replaced outside of TDSIC program				100%	Cancelled	
13751934	19202701E16026	Elec Substation - Distr TDSIC	Boonville	Boonville	Transmission Line Looping	City of Boonville-Pioneer Substation Mod for Loop Feed	2021	2021						0%					8%	Y	Labor came in under due to efficiencies of bundling multiple projects together at the same location
13964321	19202701E16023	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	Civic Center Sub Replace T1	2021	2021						0%					5%	Y	
13964323	19202701E16023	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	Civic Center Sub Replace T2	2021	2021						0%					5%	Y	
13964317	19202701E16023	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Civic Center Sub SWGR #1 Replace	2021	2021						0%					5%	Y	
13964320	19202701E16023	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Civic Center Sub SWGR #2 Replace	2021	2021						0%					5%	Y	
13964324	101514572	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	COURT STREET 277 - 4860088 Replacement	2023	2023						0%					87%	N	Pre-construction costs
13964350		Elec Substation - Distr TDSIC	Rockport	Dale	Substation Circuit Breaker Replacements	DALE 100 - 4858836	2023	2023	Project suspended in Period 9					0%	Project is part of existing 15kV switchgear lineup that will be replaced in a future open bus upgrade outside of the TDSIC program			0%	Suspended		
13964357	100853377	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	DEVON 488 - 4727258	2023	2023						0%					98%	N	Pre-construction costs
13964359	100853377	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	DEVON T1 - C05624-51	2023	2023						0%					98%	N	Pre-construction costs
13751997	19202701E16024	Elec Substation - Distr TDSIC	Evansville	Evansville	Transmission Line Looping	Eastland Substation MOD for Loop Feed	PSP	PSP						0%					100%	N	
13964516		Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	ELLIOTT TRANSMISSION STATION 400 - 4859157	2023	2023	Project was suspended in Period 10					0%	Project is suspended to keep planned annual budgets and caps within required parameters				0%	Suspended	
13964517		Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	ELLIOTT TRANSMISSION STATION 500 - 4859158	2023	2023	Project was suspended in Period 10					0%	Project is suspended to keep planned annual budgets and caps within required parameters				0%	Suspended	
13964524		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	FAIRLAWN 388 - 4852157	2022	2022						0%					100%	N	
13964526		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	FAIRLAWN 488 - 4851754	2022	2022						0%					100%	N	
13964527	21202701E16013	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	FAIRLAWN T1 - 23689452	2022	2022						0%					32%	N	Pre-construction costs
13964528	21202701E16020	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	FOLZ ROAD 388 - 4859328	2022	2022						0%					7%	N	Pre-construction costs
13964547	21202701E16020	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	FOLZ ROAD 288 - 4859327	2022	2022						0%					7%	N	Pre-construction costs
13964566		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	FOLZ ROAD 388 - 4859329	PSP	PSP						0%					100%	N	
13964568		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	FOLZ ROAD T1 - RA720704	PSP	PSP						0%					100%	N	
13964655	21202701E16024	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	FUQUAY T1 - L246425A	2022	2022						0%					70%	N	Pre-construction costs
13964724	20202701E16011	Elec Substation - Distr TDSIC	Evansville	Evansville	4kV Conversions	Garvin Sub - UPRGRD substation to 12 kV	2021	2021						0%					57%	Y	Actual material and labor was less than estimate. The original project planned to build/rebuild the existing Garvin substation. Through engineering & design, the existing Garvin substation was upgraded to 12kV without building an entirely new substation
13964771	20202701E16021	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	GIVENS 388 - 4859339	2021	2021						0%					-49%	Y	New control house addition needed for additional space and expansion of the substation. Actual labor and material costs were higher than estimated due to the construction of a new control house which was required for the new protection and communication equipment that was installed on this project.

CEI South Electric TDSIC Plan Projects																					
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13964773	20202701E16021	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	GIVENS 488 - 4859341	2021	2021						0%				-49%	Y	New control house addition needed for additional space and expansion of the substation. Actual labor and material costs were higher than estimated due to the construction of a new control house which was required for the new protection and communication equipment that was installed on this project.	
13966192	18202701E16022	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Smythe T1 and T2 MSOC	2019	2019						0%				12%	Y		
13964845	20202701E16021	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Transformer Replacements	GIVENS T2 - C05750-5-1	2021	2021						0%				-49%	Y	New control house addition needed for additional space and expansion of the substation. MOMB's with 125VDC control was replaced and additional trench was added which increased material & labor cost. Actual labor and material costs were higher than estimated due to the construction of a new control house which was required for the new protection and communication equipment that was installed on this project.	
14807821	101514574	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Green Oaks Sub SWGR #1 Convert	2023	2023						0%				99%	N	Pre-construction costs	
13965105	101514574	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	Green Oaks Sub SWGR #2 Convert	2023	2023						0%				99%	N	Pre-construction costs	
13751998	20202701E58012	Elec System Improve - Trans TDSIC	Francisco	Fl. Branch	Transmission Line Looping	Z71 Scott to Toyota 138kV line-Phase I	2021	2021						0%				8%	N	Construction in-progress	
13751989		Elec System Improve - Trans TDSIC	Evansville	Evansville	Transmission Line Rebuilds	Civic Center 2 Replace underground (0.5 mi)	2020	2020	Project cancelled in Period 7					0%	Project scope to be rolled into Civic Center 1 (Maximo work order 13751963) in order to loop in/out with overhead transmission instead of replacing underground cables			0%	Cancelled		
13615371	20585601E56217	Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Broadview SUBD Cable replace Phase 7	2021	2021						0%				44%	Y	Actual labor was less than estimated due to the utilization of unit-based labor rates instead of time & equipment	
13616723	20585601E56224	Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Underground Cable replace in Lakeland Gardens	2021	2021						0%				22%	Y	Actual labor was less than estimated due to the utilization of unit-based labor rates instead of time & equipment	
13614241	19585601E56215	Elec System Improve - Distr TDSIC	Boonville	Boonville	Underground Cable Replacements and Looping	underground Cable replace in Mobile Manor Phase III	2020	2020						0%				27%	Y	Labor was less than estimate due to the utilization of new unit-based labor rates instead of time & equipment	
13727426	19585401E56270	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2021	2021						0%				62%	Y	Actual labor and material costs were less than estimated due to eliminating the switchgear in the field	
13727438		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2020	2020	Project cancelled in Period 7					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. All live front switchgear are replaced due to safety hazards associated with proximity of live bus during maintenance activities. In this case, replacement was not required			0%	Cancelled		
13616708	19585401E56261	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Diamond Valley	2021	2021						0%				13%	Y		
13616709	20585401E56210	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Dunaway 2	2021	2021						0%				27%	Y	Actual labor was less than estimate due to the utilization of unit-based labor rates instead of time & equipment	
13614230	20585401E56229	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Embassy East	2021	2021	Project suspended in Period 8					0%	Project is suspended to keep planned annual budgets and caps within required parameters			0%	Suspended		
13616720	20585401E56223	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Evergreen Acres Phase II	2021	2021						0%				-13%	Y		
13519187	19585401E56231	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Greenbriar Co-Op Phase III	2020	2020						0%				17%	Y		
13727476	20585401E56226	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable REPL in Greenbriar Hills Phase II	2021	2021						0%				-11%	Y		
13519188	20585401E56225	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Highland Hills Apts	2021	2021						0%				-4%	Y		
13519195	19585401E56250	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Hillview Lake	2021	2021						0%				-15%	Y		
13616721	20585401E56212	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Keenland Court	2021	2021						0%				28%	Y	Actual labor was less than estimated due to the utilization of unit-based labor rates instead of time & equipment	
13616727	20585401E56214	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Lakeside Terrace Cable replace Phase VI	2021	2021						0%				31%	Y	Actual labor was less than estimated due to the utilization of unit-based labor rates instead of time & equipment	
13506086	19585401E56271	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Parkside Terrace Sub	2021	2021						0%				13%	Y		
13995684	19585401E56254	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Plaza East Cable REPL	2021	2021						0%				-7%	Y		
13995720		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Whispering Hills Cable REPL Phase I	2021	2021	Project suspended in Period 8					0%	Project is suspended to keep planned annual budgets and caps within required parameters			0%	Suspended		
13680225		Elec System Improve - Distr TDSIC	Francisco	Francisco	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR Unknown	2021	2021	Project cancelled in Period 6					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. In this case, replacement was not required			0%	Cancelled		
13617006	19585501E56220	Elec System Improve - Distr TDSIC	Mt. Vernon	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Das Morgen Landes	2021	2021						0%				76%	Y	Actual labor was less than estimate due to the utilization of unit-based labor rates instead of time & equipment	

Page 21 of 31

CEI South Electric TDSIC Plan Projects																					
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13506082		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Little Nation Estates - UD Loop _ Tie	2021	2021	Project suspended in Period 8					0%	Project is suspended to keep planned annual budgets and caps within required parameters				0%	Suspended	
13727580		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR Unknown	2021	2021	Project cancelled in Period 6					0%	Switchgear was determined to be "dead front" not "live front" upon field inspection. In this case, replacement was not required				0%	Cancelled	
13617460	18585601E56218	Elec System Improve - Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable replace in Christmas Lake Phase 7	2021	2021						0%					-39%	Y	Actual labor was higher than estimate for boring difficulty due to poor soil conditions and rock
13614253	20585401E56228	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Mulberry circuit 1 2 3 underground Phase IV	2021	2021						0%					-30%	N	Construction in-progress; Actual labor is higher than estimate for open cut extraction due to poor soil conditions, congested underground utilities, and foreign materials located below grade in downtown alley
13614249	20585401E56239	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Civic circuits 1 2 3 underground conductor Phase IV	2021	2021	Project was cancelled					100%	Project is being cancelled due to the Customers unwilling to coordinate work on their side that would allow CEI South to move forward with service upgrades on our side of the meter				100%	Cancelled	
13617102		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Civic circuits 1 2 3 underground conductor Phase VI	2020	2020	Project cancelled in Period 7					0%	Construction method was revised for 2018-2020 UG network projects to perform replacement of an entire single circuit of underground network at one time. This resulted in the cancellation of future phases due to the reconductor already being completed				0%	Cancelled	
13616737	19585401E56267	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 3000A Station N22	2021	2021						0%					24%	Y	Actual labor was less than estimate due to utilization of in-house crews. Estimate assumed contract construction labor
13519183	19585401E56265	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 3000A Library	2021	2021						0%					-2%	Y	
13616707		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 3000A Library	2021	2021	Project suspended in Period 8					0%	Project is suspended to keep planned annual budgets and caps within required parameters				0%	Suspended	
13614826	19585601E56219	Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underslung Replacements	convert d1763 to a GOAB-OAK GROVE RD-JENNER RD	2021	2021						0%					38%	Y	Actual labor was less than estimated due to utilization of in-house crews
13961592		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex inline switch to a GOAB D1177	2020	2020	Project cancelled in Period 7					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program				0%	Cancelled	
13961803		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex inline switch to a GOAB D3207	2021	2021	Project cancelled in Period 6					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program				0%	Cancelled	
13963068	19585401E56252	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex inline switch to a GOAB D2651	2021	2021						0%					22%	Y	Actual labor was less than estimated due to utilization of in-house crews
13614660	19585401E56264	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d2023 to a GOAB-EVERGREEN RD-N CENTRAL	2021	2021						0%					-9%	Y	
13614659	19585401E56266	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1043 to a GOAB-EVERGREEN RD-DARMSTADT	2021	2021						0%					47%	Y	Labor was less than estimate due to utilization of in-house crews
13614513		Elec System Improve - Distr TDSIC	Rockport	Dale	Underslung Replacements	convert d1705 to a GOAB - DALE SOUTH-MARIAH HILL	2020	2020	Project cancelled in Period 7					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program				0%	Cancelled	
13614697		Elec System Improve - Distr TDSIC	Rockport	Holland	Underslung Replacements	convert d1715 to a GOAB - HOLLAND-DALE NORTH	2021	2021	Project cancelled in Period 6					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program				0%	Cancelled	
13614698		Elec System Improve - Distr TDSIC	Rockport	Holland	Underslung Replacements	convert d1716 to a GOAB - HOLLAND-DALE NORTH	2020	2020	Project cancelled in Period 7					0%	Switch was determined to be a Gang Operated Air Break switch ("GOAB"), replaced outside of the TDSIC program				0%	Cancelled	
14159754		Elec Pole Replacement - Distr TDSIC		Various	Wood Pole Replacements	2021 wood pole replacements	2021	2021	Project cancelled in Period 3					0%	Cancelled due to Supreme Court decision on multiple-unit-projects				0%	Cancelled	
13964363	18202701E116021	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	EAST INDUSTRIAL 288 - 4860135	2019	2019						0%					43%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location
13964364	18202701E116021	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	EAST INDUSTRIAL 388 - 4851752	2019	2019						0%					43%	Y	Labor came in under on bids due to efficiencies of bundling multiple projects together at the same location
13617322	20585601E56225	Elec System Improve - Distr TDSIC	Boonville	Rockport	12kV Circuit Rebuilds and Looping	FOLSOMVILLE circuit 3PH replace copper	2022	2022						0%					100%	N	Pre-construction costs
13726677		Elec System Improve - Distr TDSIC	Boonville	Boonville	12kV Circuit Rebuilds and Looping	McCool ROAD circuit 3PH repl copper Phase I	2022	2022	Project was suspended in Period 10					0%	Project is suspended to keep planned annual budgets and caps within required parameters				0%	Suspended	

CEI South

Electric TDSIC Plan Projects

Page 22 of 31

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13617308		Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Fifth Ave circuit and Mt Auburn Tie upgrade	2022	2022	Project was cancelled in Period 10					0%	Project is cancelled due to the work being completed in 2021 under Maximo WO # 13616524			0%		Cancelled	
13726520		Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	GREENCOVE circuit 3PH repl copper Phase I	2022	2022						0%				100%		N	
13519117		Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	HWY 57 circuit 3PH replace copper conductor	2022	2022						0%				100%		N	
13616575	21585401E56216	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	MARK RD circuit 3PH replace copper PH IV	2022	2022						0%				99%		N	Pre-construction costs
13726880	20585401E56256	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	S BOEKE RD 3PH repl copper Phase I	2022	2022						0%				-15%		Y	
13726881	20585401E56257	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	S BOEKE RD 3PH repl copper Phase II	2022	2022						0%				88%		N	Pre-construction costs
13616343		Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	12kV Circuit Rebuilds and Looping	DOUGLAS ST circuit 3PH replace copper PH I	2022	2022						0%				100%		N	
13616345		Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	12kV Circuit Rebuilds and Looping	DOUGLAS ST circuit 3PH replace copper PH II	2022	2022	Project was cancelled in Period 10					0%	Project is being cancelled due to the work will be completed with Maximo WOV# 13616343			0%		Cancelled	
13616336	20585501E56219	Elec System Improve - Distr TDSIC	Mt. Vernon	Evansville	12kV Circuit Rebuilds and Looping	COPPERLINE RD circuit 3PH replace copper PH II	2022	2022						0%				94%		N	Pre-construction costs
13617327		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	Ford RD circuit and Marrs circuit Tie Capacity upgrade	2022	2022						0%				100%		N	
13726646		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	7115 Upper Mt Vernon Rd - Move poles out of field	2022	2022	Project was cancelled in Period 10					0%	Project is cancelled due to property owners being unwilling to provide easements to relocate line from the adjacent field. Established roadway right of way is not present along relocation route			0%		Cancelled	
13726889	21585501E56218	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	WABASH circuit 3PH repl copper Phase II	2022	2022						0%				60%		N	Construction in-progress
13616339		Elec System Improve - Distr TDSIC	Rockport	Dale	12kV Circuit Rebuilds and Looping	DALE NORTH circuit 3PH replace copper PH II	2022	2022	Project was suspended in Period 10					0%	Project is suspended to keep planned annual budgets and caps within required parameters			0%		Suspended	
13616340		Elec System Improve - Distr TDSIC	Rockport	Dale	12kV Circuit Rebuilds and Looping	DALE SOUTH circuit 3PH replace copper PH II	2022	2022						0%				100%		N	
13726644		Elec System Improve - Distr TDSIC	Rockport	Santa Claus	12kV Circuit Rebuilds and Looping	LINCOLN CITY circuit 3PH replace copper	2022	2022	Project was suspended in Period 10					0%	Project is suspended to keep planned annual budgets and caps within required parameters			0%		Suspended	
13993840	20585401E56246	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Diamond Ave CKT Conversion (Dixieland Sub) Ph I	2022	2022						0%				86%		N	Construction in-progress
14044152	20585401E56247	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Diamond Ave CKT Conversion (Dixieland Sub) Ph II	2022	2022						0%				-9%		N	Construction in-progress
13613122		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Faultless CKT Conversion (Plymouth Sub)	2022	2022						0%				100%		N	
13613132	20585401E56248	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Maxwell Ave CKT Conversion (Plymouth Sub) PHII	2022	2022						0%				100%		N	Pre-construction costs
13997207		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Maxwell Ave CKT Conversion (Plymouth Sub) PHII	2022	2022						0%				100%		N	
14026536		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Maxwell Ave CKT Conversion (Plymouth Sub) PHIII	2022	2022						0%				100%		N	
13993871	21585401E56213	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Ruvan CKT Conversion (Dixieland Sub)	2022	2022						0%				-58%		N	Construction in-progress; Actual material and labor is higher than estimate due to an easement being denied by an adjacent landowner. A padmount stepdown transformer had to be set instead of a pole top configuration
13613169		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Swift CKT Conversion (Read Sub) PHI	2023	2023						0%				100%		N	
13997152		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Swift CKT Conversion (Read Sub) PHII	2023	2023						0%				100%		N	
13997154		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Swift CKT Conversion (Read Sub) PHIII	2023	2023						0%				100%		N	
13997159	20585401E56218	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Town Center circuit Conversion (Garvin Sub) PHIII	2021	2021						0%				3%		Y	
13613182	20585401E56219	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Town Center CKT Conversion (Garvin Sub) PHI	2021	2021						0%				-2%		Y	
13997156	20585401E56220	Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Town Center CKT Conversion (Garvin Sub) PHII	2021	2021						0%				4%		Y	
13613189		Elec System Improve - Distr TDSIC	Evansville	Evansville	4kV Conversions	Whirlpool #4 CKT Conversion (Read Street Sub)	2023	2023						0%				100%		N	
14009261		Elec System Improve - Distr TDSIC	Boonville	Boonville	Distribution Automation	2022-Distribution Automation #5 Fillman and City circuits	2022	2022	Project was suspended in Period 10					0%	Project is suspended to keep planned annual budgets and caps within required parameters			0%		Suspended	

CEI South

Electric TDSIC Plan Projects

Page 23 of 32

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14009118		Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Automation	2022-Distribution Automation #1 John Street Midtown Park circuits	2022	2022	Project was suspended in Period 10					0%	Project is suspended to keep planned annual budgets and caps within required parameters			0%	0%	Suspended	
14009199		Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Automation	2022-Distribution Automation #4 Outer Lincoln Ave and Frame Rd circuits	2023	2023						0%				100%	100%	N	
14009191		Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Automation	2022-Distribution Automation #3 Highland and Fifth Ave circuits	2023	2023						0%				100%	100%	N	
14009152		Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Automation	2022-Distribution Automation #2 Marx Rd circuits	2022	2022						0%				100%	100%	N	
14009052		Elec System Improve -Distr TDSIC	Francisco	Ft. Branch	Distribution Automation	2022-Distribution Automation #7 Douglas Station and Fort Branch circuits	2022	2022	Project was suspended in Period 10					0%	Project is suspended to keep planned annual budgets and caps within required parameters			0%	0%	Suspended	
14009105		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Distribution Automation	2022-Distribution Automation #6 Caborn and Farmersville circuits	2022	2022	Project was suspended in Period 10					0%	Project is suspended to keep planned annual budgets and caps within required parameters			0%	0%	Suspended	
13888994	21585601E56213	Elec System Improve -Distr TDSIC	Boonville	Rockport	Distribution Capacitor Replacements	Holland circuit - capacitor upgrade	2022	2022						0%				55%	55%	N	Pre-construction costs
13888998	21585601E56214	Elec System Improve -Distr TDSIC	Boonville	Newburgh	Distribution Capacitor Replacements	Jenner Road circuit - capacitor upgrade	2022	2022						0%				62%	62%	N	Pre-construction costs
13889027	21585601E56215	Elec System Improve -Distr TDSIC	Boonville	Newburgh	Distribution Capacitor Replacements	Lenn Road circuit - capacitor upgrade	2022	2022						0%				65%	65%	N	Pre-construction costs
13889039	21585601E56212	Elec System Improve -Distr TDSIC	Boonville	Boonville	Distribution Capacitor Replacements	McCool Road circuit - capacitor upgrade	2022	2022						0%				55%	55%	N	Pre-construction costs
13616333	21585401E56220	Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Browning Road circuit - capacitor upgrade	2022	2022						0%				45%	45%	N	Pre-construction costs
13616497		Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Fifth AVE circuit - capacitor upgrade	2022	2022						0%				100%	100%	N	
13888498	21585401E56222	Elec System Improve -Distr TDSIC	Evansville	Newburgh	Distribution Capacitor Replacements	Frame Road circuit - capacitor upgrade	2022	2022						0%				49%	49%	N	Pre-construction costs
13888546		Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Greencove circuit - capacitor upgrade	2022	2022						0%				100%	100%	N	
14153671	21585601E56216	Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Hedden Road circuit - capacitor upgrade	2022	2022						0%				63%	63%	N	Pre-construction costs
13888690		Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Lynch Road circuit - capacitor upgrade	2022	2022						0%				100%	100%	N	
13888789	21585401E56225	Elec System Improve -Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Rotherwood AVE circuit - capacitor upgrade	2022	2022						0%				30%	30%	N	Pre-construction costs
13888938		Elec System Improve -Distr TDSIC	Ft. Branch	Hautstadt	Distribution Capacitor Replacements	Hautstadt circuit - capacitor upgrade	2022	2022						0%				100%	100%	N	
13617325	21585501E56213	Elec System Improve -Distr TDSIC	Mt. Vernon	Evansville	Distribution Capacitor Replacements	Ford Road circuit - capacitor upgrade	2022	2022						0%				81%	81%	N	Pre-construction costs
13889032	21585501E56214	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Distribution Capacitor Replacements	Marrs circuit - capacitor upgrade	2022	2022						0%				61%	61%	N	Pre-construction costs
13888688		Elec System Improve -Distr TDSIC	Rockport	Santa Claus	Distribution Capacitor Replacements	Lincoln City circuit - capacitor upgrade	2022	2022						0%				100%	100%	N	
13970345		Elec Substation - Distr TDSIC	Evansville	Evansville	Instrument Transformer Replacements	Slaughter PT replacements	2019	2019						0%				100%	100%	Y	Combined with Maximo project 13966190 (SLAUGHTER AVENUE T1 - 921080) for field efficiencies
13970261	20202701E58015	Elec System Improve -Trans TDSIC	Francisco	Oakland City	Optical Ground Wire	OPGW - Toyota to Francisco(275) 9.1 mi	2022	2022						0%				94%	94%	N	Pre-construction costs
14080680	19202701E18019	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters: MT VERNON MAIN V33-Porcelain-Brown	2020	2020						0%				-11%	-11%	Y	
13965325	19202701E16032	Elec Substation - Distr TDSIC	Evansville	Newburgh	Substation Transformer Replacements	GRIMM ROAD T2 - M162327A	2021	2021						0%				0%	0%	Y	
13965473	21202701E16022	Elec Substation - Distr TDSIC	Rockport	Stendel	Substation Circuit Breaker Replacements	HEMENWAY 188 - 4858852	2022	2022						0%				52%	52%	N	Pre-construction costs
13965493	21202701E16022	Elec Substation - Distr TDSIC	Rockport	Stendel	Substation Circuit Breaker Replacements	HEMENWAY 288 - 4858827	2022	2022						0%				52%	52%	N	Pre-construction costs
13965512	21202701E16022	Elec Substation - Distr TDSIC	Rockport	Stendel	Substation Transformer Replacements	HEMENWAY T1 - C02896-5-1	2022	2022						0%				52%	52%	N	Pre-construction costs
13965553	21202701E16018	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	HIRSCH ROAD SUBSTATION 188 - 4725750	2022	2022						0%				23%	23%	Y	Actual labor less than estimate due to efficiencies of bundling multiple projects together
13965575	21202701E16018	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	HIRSCH ROAD SUBSTATION 288 - 4726212	2022	2022						0%				23%	23%	Y	Actual labor less than estimate due to efficiencies of bundling multiple projects together
13965581	101831102	Elec Substation - Trans TDSIC	Rockport	Holland	Substation Circuit Breaker Replacements	JASPER MAIN 177 - 4860105	2023	2023						0%				81%	81%	N	Pre-construction costs
13965707		Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	System Protection Relay Upgrades	Mt. Vernon 69KV transfer scheme upgrade	2022	2022						0%				100%	100%	N	
13964519	19202701E16030	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	FAIRLAWN 188 - 4852153	2020	2020						0%				-4%	-4%	Y	
13964522	19202701E16030	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	FAIRLAWN 288 - 4851753	2020	2020						0%				-4%	-4%	Y	
13965751		Elec Substation - Trans TDSIC	Rockport	Rockport	System Protection Relay Upgrades	Newtonville L302161 and L303161	2022	2022						0%				100%	100%	N	
13965802	21202701E18012	Elec Substation - Trans TDSIC	Rockport	Rockport	System Protection Relay Upgrades	Newtonville Sub DDR	2022	2022						0%				5%	5%	N	Pre-construction costs
13965790		Elec Substation - Trans TDSIC	Rockport	Rockport	System Protection Relay Upgrades	Newtonville T5 capacitor 1 capacitor 2 MSOC	2022	2022						0%				100%	100%	N	
13965845		Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	NORTHWEST 277 - 4859661	2023	2023						0%				100%	100%	N	
13965868	100864088	Elec Substation - Distr TDSIC	Francisco	Oakland City	Substation Circuit Breaker Replacements	OAKLAND CITY 277 - 4859713	2023	2023						0%				96%	96%	N	Pre-construction costs
13965900	100864088	Elec Substation - Distr TDSIC	Francisco	Oakland City	System Protection Relay Upgrades	Oakland City Y52-2 Y52-3 Y36 HWY64 12kV	2023	2023						0%				96%	96%	N	Pre-construction costs

CEI South Electric TDSIC Plan Projects																					
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13965990		Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	OHO RIVER STATION 4800 - 4859340	2023	2023	Project cancelled in Period 9					0%	Project was completed outside of the TDSIC program				0%	Cancelled	
13966020	100863032	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	OHO RIVER STATION T1 - 17479-109-03	2023	2023						0%					99%	N	Pre-construction costs
13966075	19202701E18024	Elec Substation - Trans TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	PELZER 177 - 4859332	2021	2021						0%					-64%	Y	New control house addition needed for additional space and expansion of the substation
13966076	19202701E18024	Elec Substation - Trans TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	PELZER 188 - 4852168	2021	2021						0%					-64%	Y	New control house addition needed for additional space and expansion of the substation
13966077	19202701E18024	Elec Substation - Trans TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	PELZER 277 - 4852167	2021	2021						0%					-64%	Y	New control house addition needed for additional space and expansion of the substation
13970318	19202701E18024	Elec Substation - Trans TDSIC	Boonville	Boonville	Instrument Transformer Replacements	Pelzer PT replacements	2021	2021						0%					-64%	Y	New control house addition needed for additional space and expansion of the substation
13966079		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	PERRY TOWNSHIP 188 - 4852574	2023	2023	Project suspended in Period 9					0%	Project is suspended due to potential new Substation being built in 2024 outside of TDSIC program				0%	Suspended	
13966082		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	PERRY TOWNSHIP 288 - 4852172	2023	2023	Project suspended in Period 9					0%	Project is suspended due to potential new Substation being built in 2024 outside of TDSIC program				0%	Suspended	
13966086		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	PERRY TOWNSHIP T1 - L252788A	2023	2023	Project suspended in Period 9					0%	Project is suspended due to potential new Substation being built in 2024 outside of TDSIC program				0%	Suspended	
14035398	20202701E16026	Elec Substation - Distr TDSIC	Evansville	Evansville	Transmission Line Looping	Perry Twp. Substation MOD for Loop Feed	2021	2021						0%					81%	Y	Original project planned for the addition of (2) new 69KV line breakers and associated equipment. Due to physical site constraints at Perry Twp. Sub an auto-sectionalizing solution was implemented
13966091		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	PPG 177 - 4859769	2023	2023	Project was suspended in Period 10					0%	Project is suspended to keep planned annual budgets and caps within required parameters				0%	Suspended	
13964458	19202701E16014	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	EAST INDUSTRIAL T2 - 63-08-60774	2020	2020						0%					16%	Y	Labor and material were less than estimate due to the circuit switcher, foundation and relay protection already existing
13964341	21202701E16017	Elec Substation - Trans TDSIC	Boonville	Newburgh	System Protection Relay Upgrades	Relay REPL- Culley 138KV Bus 1 PROT upgrade	2022	2022	Project was suspended					100%	Project is suspended to keep planned annual budgets and caps within required parameters				100%	Suspended	Project is suspended, pre-construction costs will be moved prior to the next filing period
13964342	21202701E16017	Elec Substation - Trans TDSIC	Boonville	Newburgh	System Protection Relay Upgrades	Relay REPL- Culley 138KV Bus 2 PROT upgrade	2022	2022	Project was suspended					100%	Project is suspended to keep planned annual budgets and caps within required parameters				100%	Suspended	Project is suspended, pre-construction costs will be moved prior to the next filing period
13965434	99003206	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL Heidebach 69KV Bus PROT upgrade	2021	2021						0%					50%	Y	Actual labor and engineering was less than estimate due to utilization of in-house crews and engineering. Estimate assumed external engineering and construction labor
13965407	99003206	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL-Heidebach Y65	2021	2021						0%					50%	Y	Actual labor and engineering was less than estimate due to utilization of in-house crews and engineering. Estimate assumed external engineering and construction labor
13965531	20202701E16027	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL-Hilldale T2 and T1 MSDC	2021	2021						0%					18%	Y	
13965604	101515174	Elec Substation - Trans TDSIC	Boonville	Boonville	System Protection Relay Upgrades	Relay REPL-Lynnville Y57 Y64 Y68 Y36	2023	2023						0%					90%	N	Pre-construction costs
13965713	20202701E16028	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL-Mulberry Y65 Y65-2	2021	2021						0%					-18%	Y	
13965820		Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL-Northeast Y56-1 Y54	2022	2022						0%					100%	N	
13966078	19202701E18024	Elec Substation - Trans TDSIC	Boonville	Boonville	System Protection Relay Upgrades	Relay REPL-Pelzer Y61 and Y56-1	2021	2021						0%					-64%	Y	New control house addition needed for additional space and expansion of the substation
14080685		Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arrester: Point-transformer1 low side-Porcelain-Brown	2023	2023						0%					100%	N	
14080686	100847130	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arrester: Wadesville Y76-Porcelain-Brown	2023	2023						0%					98%	N	Pre-construction costs
14080679		Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters: MT VERNON MAIN-transformer 1-highside-Porcelain-Brown	2022	2022	Project cancelled in Period 3					0%	The 48V circuits are being converted to 12kV and the transformers will be retired. This will cause the arrester change out to not be needed.				0%	Cancelled	
14080684	19202701E18023	Elec Substation - Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Arrester Replacements	Replace arresters: Point-transformer1-tertiary-Porcelain-Brown	2021	2021						0%					-137%	Y	Actual labor was more than estimated due to difficulty accessing the arresters
14034480	21202701E16017	Elec Substation - Trans TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Replace Culley 138KV OCB 2200	2022	2022						0%					67%	N	Pre-construction costs
14034481	21202701E16017	Elec Substation - Trans TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Replace Culley 138KV OCB 2277	2022	2022						0%					67%	N	Pre-construction costs
13752005	21202701E58011	Elec System Improve -Trans TDSIC	Francisco	Fl. Branch	Transmission Line Looping	Z71 Scott to Toyota 138KV line-Phase II	2022	2022						0%					55%	N	Pre-construction costs
13751964	20202701E58013	Elec System Improve -Trans TDSIC	Evansville	Evansville	Transmission Line Rebuilds	Y31-1 Northwest to Ohio River Rebuild (2.08 miles)	2022	2022						0%					62%	N	Pre-construction costs
13628464	20202701E58014	Elec System Improve -Trans TDSIC	Mt. Vernon	Mt. Vernon	Transmission Line Rebuilds	Y32 Mead Jo to Mead Jo Tap Reconductor (0.9 mi) (No OPGW Required)	2022	2022						0%					-26%	Y	Actual labor and stock material were higher than estimate. Labor costs were higher from competitive bid results were higher than preliminary estimates
13616974		Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Broadview SUBD Cable replace Phase 8	2022	2022						0%					100%	N	
13617088		Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Sharon Rose Manor SUBD Cable replace	2022	2022	Project was cancelled in Period 10					0%	Project is cancelled due to work being previously completed under Maximo WOV 136132002				0%	Cancelled	
13617474	20203401E56212	Elec System Improve -Distr TDSIC	Boonville	Boonville	Underground Cable Replacements and Looping	Tomahawk Drive Cable replacement	2022	2022						0%					6%	N	Construction in-progress
13617096	20585401E56241	Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Underground Cable replace in Triple Crown Estates	2022	2022						0%					93%	N	Pre-construction costs

CEI South

Electric TDSIC Plan Projects

Page 25 of 31

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13727087	21585401E56217	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Audubon Estates Cable REPL Phase I	2022	2022						0%					100%	N	Pre-construction costs
13727439		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR Unknown	2022	2022	Project was cancelled in Period 10					0%	Project is cancelled due to switchgear being replaced outside of the TDSIC program			0%	Cancelled		
13727441	21585401E56226	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2022	2022						0%					-6%	N	Construction in-progress
13617010		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Evergreen Acres Phase III	2022	2022						0%					100%	N	
13727474	21585401E56218	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Glenview Industrial Cable REPL	2022	2022						0%					62%	N	Construction in-progress
13727483		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR 2 PMH-9	2022	2022	Project was cancelled in Period 10					0%	Project is cancelled due to switchgear being replaced outside of the TDSIC program			0%	Cancelled		
13727480		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR 1 PMH-9	2022	2022	Project was cancelled in Period 10					0%	Project is cancelled due to switchgear being replaced outside of the TDSIC program			0%	Cancelled		
13617014	20585401E56259	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Jamestown Section	2022	2022						0%					91%	N	Construction in-progress
13617031	21585401E56210	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Liberty Terrace Cable replace	2022	2022						0%					50%	Y	Project completed at the end of April and trailing charges will still hit this project
13727548		Elec System Improve - Distr TDSIC	Evansville	Newburgh	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2022	2022	Project was cancelled in Period 10					0%	Project is cancelled due to switchgear being replaced outside of the TDSIC program			0%	Cancelled		
13617056	20585401E56254	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Old State One Thru Four Phase I	2022	2022						0%					89%	N	Construction in-progress
13617469		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Old State One Thru Four Phase II	2022	2022						0%					100%	N	
13617471	20585401E56232	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Regency Club Apartments Cable replace	2021	2021						0%					19%	Y	Actual labor was less than estimate due to the utilization of unit-based labor rates instead of time & equipment
13617058		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable replace in Romain Park	2022	2022						0%					100%	N	
13727597	21585401E56237	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Roman Acres Cable REPL	2022	2022						0%					100%	N	Pre-construction costs
13727697		Elec System Improve - Distr TDSIC	Evansville	Newburgh	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR Unknown	2022	2022	Project was cancelled in Period 10					0%	Project is cancelled due to switchgear being replaced outside of the TDSIC program			0%	Cancelled		
13617476	20585401E56252	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground replacement in Westbrooke W. Phase II	2022	2022						0%					-19%	Y	
13617478	20585401E56253	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground replacement in Westbrooke W. Phase III	2022	2022						0%					-4%	N	Construction in-progress
13617100	20585401E56251	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground replace in Westbrooke W. Phase I	2022	2022						0%					-15%	Y	
13616851		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Civic circuits 1 2 3 underground conductor Phase V	2020	2020	Project cancelled in Period 7					0%	Construction method was revised for 2018-2020 UG network projects to perform replacement of an entire single circuit of underground network at one time. This resulted in the cancellation of future phases due to the reconductor already being completed			0%	Cancelled		
13617462		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 One Riverfront Place 1	2022	2022						0%					100%	N	
13506074		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Net Trans CM-22 One Riverfront Place 2	2022	2022						0%					100%	N	
13617049	19585401E56268	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 3000A Station N23	2021	2021						0%					13%	Y	
13616876		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Mulberry circuit 1 2 3 underground Phase V	2020	2020	Project cancelled in Period 7					0%	Construction method was revised for 2018-2020 UG network projects to perform replacement of an entire single circuit of underground network at one time. This resulted in the cancellation of future phases due to the reconductor already be completed			0%	Cancelled		
13616540	21585401E56214	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	convert d1521 to a GOAB-JOHN ST-RIVERSIDE DRIVE	2022	2022						0%					36%	Y	Actual labor was less than estimate due to the utilization of in-house crews. Estimate assumed contract construction labor
13963078	21585401E56215	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex inline switch to a GOAB D2002	2022	2022						0%					50%	N	Pre-construction costs
13963088		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex inline switch to a GOAB D1574	2022	2022	Project was cancelled in Period 10					0%	Project is cancelled due to underslung already being replaced outside of TDSIC program			0%	Cancelled		

CEI South

Electric TDSIC Plan Projects

Page 26 of 31

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13963091	21585501E56210	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underslung Replacements	Convert Ex inline switch to a GOAB D3059	2022	2022						0%					51%	N	Pre-construction costs
14159756		Elec Pole Replacement - Distr TDSIC		Various	Wood Pole Replacements	2022 wood pole replacements	2022	2022	Project cancelled in Period 3					0%	Cancelled due to Supreme Court decision on multiple-unit projects			0%	Cancelled		
13727475	17585401E56297	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Green River Estates A Cable REPL Phase I	2018	2018						0%					-25%	Y	Inclement weather caused poor working conditions. Backyard access restrictions caused inefficiencies. Both drove labor costs higher than estimate. Added 625' of bore to the project to remove existing 3ph vault from parking lot
13612989		Elec System Improve -Distr TDSIC	Boonville	Boonville	12kV Circuit Rebuilds and Looping	Chandler and McCool CKT Tie Capacity UPGRDE	2023	2023						0%					100%	N	
13726871		Elec System Improve -Distr TDSIC	Boonville	Boonville	12kV Circuit Rebuilds and Looping	PELZER CKT 3PH repl copper Phase I	2023	2023						0%					100%	N	
13500120		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	ELLENWOOD 2 CKT 3PH repl copper Phase II	2023	2023						0%					100%	N	
13500119		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	ELLENWOOD 2 CKT 3PH repl copper Phase I	2023	2023						0%					100%	N	
13617410		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Highland -Mt Auburn CKT Tie Capacity UPGRDE	2023	2023						0%					100%	N	
13726637		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	KRATZVILLE ROAD 3PH repl copper Phase I	2023	2023						0%					100%	N	
13617423		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	MARK RD CKT 3PH repl copper PH V	2023	2023						0%					100%	N	
13726800		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	MT AUBURN CKT 3PH repl copper Phase I	2023	2023						0%					100%	N	
13726683		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Convert MT AUBURN CKT exit to OH	2023	2023						0%					100%	N	
13501928		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	STOCKWELL RD CKT 3PH repl copper Phase I	2023	2023						0%					100%	N	
13615072		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	UNION TOWNSHIP 3PH repl copper PH III	2023	2023						0%					100%	N	
13726515		Elec System Improve -Distr TDSIC	Francisco	Ft. Branch	12kV Circuit Rebuilds and Looping	FORT BRANCH CKT 3PH repl copper Phase II	2023	2023						0%					100%	N	
13617276		Elec System Improve -Distr TDSIC	Mt. Vernon	Evansville	12kV Circuit Rebuilds and Looping	COPPERLINE RD CKT 3PH repl copper PH III	2023	2023						0%					100%	N	
13617328		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	Ford RD CKT UPGRDE	2023	2023						0%					100%	N	
13726647		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	Relo 1PH to road from field-Lower Mt Vernon Rd	2023	2023						0%					100%	N	
13505938		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	SPRINGFIELD CKT 3PH repl copper Phase I	2023	2023						0%					100%	N	
13613187		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	Uniontown Three PH Feeder CKT Tie	2023	2023						0%					100%	N	
13617305		Elec System Improve -Distr TDSIC	Rockport	Rockport	12kV Circuit Rebuilds and Looping	DALE SOUTH CKT 3PH repl copper PH III	2023	2023						0%					100%	N	
13993863		Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Kentucky Ave CKT Conversion (Dixieland Sub) Ph I	2023	2023						0%					100%	N	
14044159		Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Kentucky Ave CKT Conversion (Dixieland Sub) Ph II	2023	2023						0%					100%	N	
14044160		Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Kentucky Ave CKT Conversion (Dixieland Sub) Ph III	2023	2023						0%					100%	N	
13613133		Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Olmstead Ave circuit Conversion (Garvin Sub) PH I	2023	2023						0%					100%	N	
13996885		Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Olmstead Ave circuit Conversion (Garvin Sub) PHII	2023	2023						0%					100%	N	
13996887		Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Olmstead Ave circuit Conversion (Garvin Sub) PHIII	2023	2023						0%					100%	N	
14011918		Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	Olmstead Ave CKT Conversion (Garvin Sub) PHIV	2023	2023						0%					100%	N	
13613168	20585401E56233	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	STRINGTOWN CKT Conversion (Garvin Sub) PH I	2020	2020						0%					5%	Y	
13996859	20585401E56215	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	STRINGTOWN CKT Conversion (Garvin Sub) PHII	2021	2021						0%					1%	Y	
13996860	20585401E56216	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	STRINGTOWN CKT Conversion (Garvin Sub) PHIII	2021	2021						0%					6%	Y	
13996864	20585401E56217	Elec System Improve -Distr TDSIC	Evansville	Evansville	4kV Conversions	STRINGTOWN CKT Conversion (Garvin Sub) PHIV	2021	2021						0%					9%	Y	
13993860		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	4kV Conversions	Fuher Ford CKT Conversion (Water Street Sub)	2023	2023						0%					100%	N	
14009566		Elec System Improve -Distr TDSIC	Boonville	Boonville	Distribution Automation	2023-Distribution Automation #3 McCool Rd and Chandler circuits	2020	2020	Project suspended in Period 7					0%					0%	Suspended	

CEI South

Electric TDSIC Plan Projects

Page 27 of 35

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
14009601		Elec System Improve - Distr TDSIC	Boonville	Boonville	Distribution Automation	2023-Distribution Automation #5 Bowling Alley and Oak Dale School	2023	2023						0%					100%	N	
14009307		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Automation	2023-Distribution Automation #1 Browning Rd and Wortman Rd CKTs	2023	2023						0%					100%	N	
14009323		Elec System Improve - Distr TDSIC	Francisco	Haubstadt	Distribution Automation	2023-Distribution Automation #2 Haubstadt and Warrenton circuits	2023	2023						0%					100%	N	
14009575		Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Distribution Automation	2023-Distribution Automation #4 Marrs and Indiana Mounds circuits	2020	2020	Project suspended in Period 7					0%					0%	Suspended	
13617312		Elec System Improve - Distr TDSIC	Boonville	Rockport	Distribution Capacitor Replacements	Folsomville CKT - CAP UPGRDE	2023	2023						0%					100%	N	
13889048		Elec System Improve - Distr TDSIC	Boonville	Boonville	Distribution Capacitor Replacements	Vanada CKT - CAP UPGRDE	2023	2023						0%					100%	N	
13888655		Elec System Improve - Distr TDSIC	Boonville	Boonville	Distribution Capacitor Replacements	Hospital CKT - CAP UPGRDE	2023	2023						0%					100%	N	
13888784		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Distribution Capacitor Replacements	Oak Grove Road CKT - CAP UPGRDE	2023	2023						0%					100%	N	
13888935		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Harmony Way CKT - CAP UPGRDE	2023	2023						0%					100%	N	
13889018		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Kietz Road CKT - CAP UPGRDE	2023	2023						0%					100%	N	
13888741		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	MT Auburn CKT - CAP UPGRDE	2023	2023						0%					100%	N	
13888787		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Outer Lincoln AVE CKT - CAP UPGRDE	2023	2023						0%					100%	N	
13888795		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Thompson AVE CKT - CAP UPGRDE	2023	2023	Project cancelled in Period 5					0%	Project cancelled due to CVR project in 2019/2020 on the same circuit				0%	Cancelled	
13888800		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Villa Drive CKT - CAP UPGRDE	2023	2023						0%					100%	N	
13965365	21202701E16014	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	REPLACE HEIDELBACH OCB 2177	2022	2022						0%					58%	N	Pre-construction costs
13965386	21202701E16014	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	REPLACE HEIDELBACH OCB 2277	2022	2022						0%					58%	N	Pre-construction costs
14035295	20202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	REPLACE NORTHEAST 138KV OCB 2126	2021	2021						0%					-9%	Y	
14035296	20202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	REPLACE NORTHEAST 138KV OCB 2188	2021	2021						0%					-9%	Y	
14035304	20202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	REPLACE NORTHEAST 138KV OCB 2288	2021	2021						0%					-9%	Y	
13970256	21202701E16012	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Replacement of YANKEETOWN 12KV circuit Breaker 1	2022	2022						0%					29%	N	Pre-construction costs
13970259	21202701E16012	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Replacement of YANKEETOWN 12KV circuit Breaker 2	2022	2022						0%					29%	N	Pre-construction costs
13966098	21202701E16016	Elec Substation - Distr TDSIC	Rockport	Rockport	System Protection Relay Upgrade	Rockport 12KV PROT-CONTR upgrade	2022	2022						0%					49%	N	Pre-construction costs
13966094	21202701E16016	Elec Substation - Distr TDSIC	Rockport	Rockport	Substation Circuit Breaker Replacements	ROCKPORT 388 - 4859684	2022	2022						0%					49%	N	Pre-construction costs
13966096	21202701E16016	Elec Substation - Distr TDSIC	Rockport	Rockport	Substation Transformer Replacements	ROCKPORT T2 - PGP-16752	2022	2022						0%					49%	N	Pre-construction costs
13966201	101514577	Elec Substation - Trans TDSIC	Rockport	Holland	Substation Circuit Breaker Replacements	SAINT HENRY 177 - 4859202	2023	2023						0%					92%	N	Pre-construction costs
13966203	101514577	Elec Substation - Trans TDSIC	Rockport	Holland	Substation Circuit Breaker Replacements	SAINT HENRY 277 - 4859204	2023	2023						0%					92%	N	Pre-construction costs
13966103	21202701E16015	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	SAINT PHILLIPS 188 - 4859313	2022	2022						0%					53%	N	Pre-construction costs
13966105	21202701E16015	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	SAINT PHILLIPS 288 - 4859314	2022	2022						0%					53%	N	Pre-construction costs
13966106	21202701E16015	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Transformer Replacements	SAINT PHILLIPS T1 - AG080	2022	2022						0%					53%	N	Pre-construction costs
13966108	20202701E16022	Elec Substation - Distr TDSIC	Evansville	Haubstadt	Substation Circuit Breaker Replacements	SAINT WENDELL 188 - 4859705	2021	2021						0%					-3%	Y	
13966154	20202701E16022	Elec Substation - Distr TDSIC	Evansville	Haubstadt	Substation Circuit Breaker Replacements	SAINT WENDELL 288 - 4859706	2021	2021						0%					-3%	Y	
13966155	20202701E16022	Elec Substation - Distr TDSIC	Evansville	Haubstadt	Substation Circuit Breaker Replacements	SAINT WENDELL 388 - 4859707	2021	2021						0%					-3%	Y	
13966156	20202701E16022	Elec Substation - Distr TDSIC	Evansville	Haubstadt	Substation Transformer Replacements	SAINT WENDELL T1 - A5735	2021	2021						0%					-3%	Y	
13966158	21202701E16023	Elec Substation - Distr TDSIC	Rockport	Dale	Substation Circuit Breaker Replacements	SANTA CLAUS 188 - 4852575	2022	2022						0%					-10%	N	Pre-construction costs
13966163	21202701E16023	Elec Substation - Distr TDSIC	Rockport	Dale	Substation Circuit Breaker Replacements	SANTA CLAUS 288 - 4852573	2022	2022						0%					-10%	N	Pre-construction costs
13751983	20202701E18015	Elec Substation - Trans TDSIC	Evansville	Evansville	Transmission Line Looping	Scott Sub New 271 Line Terminal	2021	2021						0%					56%	Y	Actual labor was less than estimate due to utilization of in-house crews
13970090		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	STRINGTOWN T2 - 1925610101	2023	2023	Project suspended in Period 9					0%	Project is suspended to keep planned annual budgets and caps within required parameters in order to move Mulberry T5 (Maximo #13965745) from PSP to 2023				0%	Suspended	
13970132	100845938	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SUNBEAM 388 - 4858862	2023	2023						0%					97%	N	Pre-construction costs
13970141	100845938	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SUNBEAM 488 - 4858837	2023	2023						0%					97%	N	Pre-construction costs
13970162	100845938	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SUNBEAM T1 - C46879-1-1	2023	2023						0%					97%	N	Pre-construction costs
13970142	19202701E16031	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SUNBEAM T2 - L252866	2021	2021						0%					-26%	Y	Actual material and labor was more than estimate due to new MOAB's, replaced because of condition, and rebar on transformer foundation required a larger size
13970187	20202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	TEKOPPEL 288 - 4860092	2021	2021						0%					-11%	Y	

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13970190	20202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	TEKOPPEL T1 - M1624348	2021	2021						0%					-11%	Y	Actual labor was more than estimated due to soil remediation needed to install transformer foundations
13970189	20202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	TEKOPPEL T2 - UB53021-1	2021	2021						0%					-11%	Y	Actual labor was more than estimated due to soil remediation needed to install transformer foundations
13751984	21202701E18011	Elec Substation - Trans TDSIC	Francisco	Ft. Branch	Transmission Line Looping	Toyota Sub New 271 Line Terminal	2022	2022						0%					63%	Y	Actual labor was less than estimate. Engineering changes to the steel design created construction efficiencies by having less field work required onsite. In addition, coordinating the large foundation borings with other projects taking place at the same time created efficiencies and reduced mobilization fees
13964287	19202701E16023	Elec Substation - Distr TDSIC	Evansville	Evansville	Supervisory Control and Data Acquisition Upgrades	UG Network SCADA-Distribution Civic	2021	2021						0%					5%	Y	
13752004	101346151	Elec System Improve - Trans TDSIC	Boonville	Boonville	Transmission Line Rebuilds	V68&V77 Castle to Lynnville Meter (4.8 mi) (No OPGW required)	2023	2023						0%					99%	N	Pre-construction costs
13752010	101645179	Elec System Improve - Trans TDSIC	Evansville	Evansville	Transmission Line Rebuilds	285-2 Grimm to Angel Mounds (3.2)	2023	2023						0%					100%	N	Pre-construction costs
13751991	101675324	Elec System Improve - Trans TDSIC	Francisco	Oakland City	Transmission Line Rebuilds	V35 Rebuild Kings - Oakland City (13.2 mi) w_OPGW	2023	2023						0%					100%	N	Pre-construction costs
14039102	18202701E58017	Elec System Improve - Trans TDSIC	Francisco	Dale	Transmission Line Rebuilds	V67-2 Rebuild Dubois-Huntingburg (3.5 mi) w_OPGW	2019	2019						0%					-12%	Y	Actual labor and material were higher than estimate due to adding three transmission poles as well as more traffic control and access mats needed at multiple structures
13727491		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Highridge SUBD Cable REPL	2023	2023						0%					100%	N	
13727635		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Tanglewood SUBD Cable REPL Phase I	2023	2023						0%					100%	N	
13614247		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Village Lane Apartments Cable REPL	2023	2023						0%					100%	N	
13727431		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Brookshire Estates Cable REPL Phase I	2023	2023						0%					100%	N	
13727440		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2023	2023						0%					100%	N	
13519178		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Carriage House II Apt Cable REPL	2023	2023						0%					100%	N	
13727464		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Eastland Estates Cable REPL Phase I	2023	2023						0%					100%	N	
13616732		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	UG Cable REPL in Mater Dei Provincial	2023	2023						0%					100%	N	
13727552		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	McCullough Cable REPL	2023	2023						0%					100%	N	
13727581		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	North Lake Village Phase I Cable REPL	2023	2023						0%					100%	N	
13727582		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Orchard Knoll Estates Cable REPL Phase I	2023	2023						0%					100%	N	
13727586		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Peach Blossom SUBD Cable REPL	2023	2023						0%					100%	N	
13727611		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Spring Street Cable REPL	2023	2023						0%					100%	N	
13727666		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Town and Country Est Cable REPL Phase I	2023	2023						0%					100%	N	
13727667		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	University Heights Cable REPL Phase I	2023	2023						0%					100%	N	
13617099		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	UG Cable REPL in Walling SUBD	2023	2023						0%					100%	N	
13617508		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Wiltshire Cable REPL	2023	2023						0%					100%	N	
13617463		Elec System Improve - Distr TDSIC	Francisco	Ft. Branch	Underground Cable Replacements and Looping	CR 1600N Lincoln City - Albin Rd	2023	2023						0%					100%	N	
13506085		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Repl Net Trans CM-22 3000A Station N25	2023	2023						0%					100%	N	
13617466		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Repl Net Trans CM-22 3000A Station N24	2023	2023						0%					100%	N	
13963265		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex Inline switch to a GOAB D2615	2023	2023						0%					100%	N	
13963269		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex Inline switch to a GOAB D1131	2023	2023						0%					100%	N	
13963364		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex Inline switch to a GOAB D1587	2023	2023						0%					100%	N	
13963366		Elec System Improve - Distr TDSIC	Francisco	Winslow	Underslung Replacements	Convert Ex Inline switch to a GOAB D1699	2023	2023						0%					100%	N	
14159759		Elec Pole Replacement - Distr TDSIC		Various	Wood Pole Replacements	2023 wood pole replacements	2023	2023	Project cancelled in Period 3					0%	Cancelled due to Supreme Court decision on multiple-unit projects				0%	Cancelled	
14039080	17202701E58018	Elec System Improve - Trans TDSIC	Evansville	Evansville	East West Transmission Line	East to West 138KV Transmission Line	2019-2022	2019-2022						0%					14%	N	Construction in-progress

Page 28 of 31

**CEI South
Electric TDSIC Plan Projects**

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TOSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
14034225	17585501E56238	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Indiana Port-Mt Vernon Cable Repl	2019	2019						0%					-7%	Y	
14034226	17585501E56240	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Nutlin Rd and Alderson Ln-Cable Repl	2018	2018						0%					-2%	Y	
14033064	18585401E56244	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	LODGE AVE CKT 3PH repl copper Phase I	2019	2019						0%					10%	Y	Actual cost of material was less than estimated
14312136	18202701E16025	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Slaughter 688	2019	2019						0%					33%	Y	labor came in under on bids due to efficiencies of bundling multiple projects together at the same location. Material costs were also slightly less than estimated
14312141	18202701E16028	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Oak Grove Road 188 288	2019	2019						0%					-9%	Y	
12965709		Elec Substation - Distr TDSIC	Evansville	Evansville	Supervisory Control and Data Acquisition Upgrades	Underground Network SCADA-Distribution Mulberry	2022	2022						0%					100%	N	
13970222	100847130	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	WADESVILLE 188 - 4859596	2023	2023						0%					98%	N	Pre-construction costs
13970223	100847130	Elec Substation - Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	WADESVILLE 288 - 4859241	2023	2023						0%					98%	N	Pre-construction costs
14033019		Elec System Improve -Distr TDSIC	Boonville	Newburgh	12kV Circuit Rebuilds and Looping	Green Springs CKT - Repl copper conductor	PSP	PSP						0%					100%	N	
13726527		Elec System Improve -Distr TDSIC	Boonville	Newburgh	12kV Circuit Rebuilds and Looping	HERITAGE CKT 3PH replace copper	PSP	PSP						0%					100%	N	
14033027		Elec System Improve -Distr TDSIC	Boonville	Newburgh	12kV Circuit Rebuilds and Looping	HWY 662 CKT 3PH repl copper Phase I	PSP	PSP						0%					100%	N	
13726631		Elec System Improve -Distr TDSIC	Boonville	Boonville	12kV Circuit Rebuilds and Looping	JENNER ROAD CKT 3PH replace copper	PSP	PSP						0%					100%	N	
13726864		Elec System Improve -Distr TDSIC	Boonville	Boonville	12kV Circuit Rebuilds and Looping	OAKDALE SCHOOL 3PH repl copper Phase I	PSP	PSP						0%					100%	N	
13726873		Elec System Improve -Distr TDSIC	Boonville	Boonville	12kV Circuit Rebuilds and Looping	PELZER CKT 3PH repl copper Phase II	PSP	PSP						0%					100%	N	
13614502	19585401E56213	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	CONCORD BLVD CKT 3PH repl copper	PSP	PSP	Project was cancelled					100%	Project was completed outside of the TDSIC program				100%	Cancelled	
13726523		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	HEDDEN ROAD CKT 3PH replace copper	PSP	PSP						0%					100%	N	
14033030	19585401E56220	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Convert 1PH to 3PH along Schenk Rd	PSP	PSP	Project was cancelled					100%	Project was completed outside of the TDSIC program				100%	Cancelled	Pre-construction costs prior to project being moved back into PSP to keep annual planned budgets aligned. Costs will be moved to the project outside of TDSIC
14033028		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	HORNVILLE CKT 3PH replace copper	PSP	PSP						0%					100%	N	
13726633		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	KRATZVILLE RD 3PH repl copper Phase II	PSP	PSP						0%					100%	N	
13613116	19585401E56232	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Extend Ohio Township CKT to Ipworth Rd	2020	2020						0%					1%	Y	
14033067	19585401E56235	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	POLLACK AVE CKT 3PH repl copper Phase I	PSP	PSP	Project was cancelled in Period 10					0%	Project was completed outside of the TDSIC program				0%	Cancelled	
14033133		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	THOMPSON AVE CKT 3PH repl copper Phase I	PSP	PSP						0%					100%	N	
13616581	18585401E56289	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	UNION TOWNSHIP 3PH repl copper PH IV	PSP	PSP	Project was cancelled in Period 10					0%	Project was completed outside of the TDSIC program				0%	Cancelled	
14033159	19585401E56238	Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	VILLA DRIVE CKT 3PH repl copper Phase I	PSP	PSP	Project was cancelled in Period 10					0%	Project was completed outside of the TDSIC program				0%	Cancelled	
13726890		Elec System Improve -Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	WADESVILLE CKT 3PH repl copper Phase I	PSP	PSP						0%					100%	N	
13726521		Elec System Improve -Distr TDSIC	Francisco	Haubstadt	12kV Circuit Rebuilds and Looping	HAUBSTADT CKT 3PH replace copper	PSP	PSP						0%					100%	N	
14033066		Elec System Improve -Distr TDSIC	Francisco	Ft. Branch	12kV Circuit Rebuilds and Looping	MONTGOMERY CKT 3PH replace copper	PSP	PSP						0%					100%	N	
13720968	19585501E56214	Elec System Improve -Distr TDSIC	Mt. Vernon	Evansville	12kV Circuit Rebuilds and Looping	Blairsville CKT Repl 3PH repl copper conduit	PSP	PSP	Project was cancelled in Period 10					0%	Project was completed outside of the TDSIC program				0%	Cancelled	
14032980	19585501E56213	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	Edon and Indian Mounds CKT Tie Capacity UPGRDE	PSP	PSP	Project was cancelled					100%	Project was completed outside of the TDSIC program				100%	Cancelled	
14032982	19585501E56212	Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	FARMERSVILLE CKT 3PH repl copper Phase I	PSP	PSP	Project was cancelled in Period 10					0%	Project was completed outside of the TDSIC program				0%	Cancelled	
14033013		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	FORD RD CKT 3PH repl copper PH I	PSP	PSP						0%					100%	N	
14033039		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	INDIAN MOUNDS ROAD 3PH replace copper	PSP	PSP						0%					100%	N	
13501706		Elec System Improve -Distr TDSIC	Mt. Vernon	Evansville	12kV Circuit Rebuilds and Looping	3Phase CKT Tie along Darnell School Rd	PSP	PSP						0%					100%	N	
13519161		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	SPRINGFIELD CKT 3PH repl copper PH II	PSP	PSP						0%					100%	N	
14033155		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	UNIONTOWN CKT 3PH repl copper Phase I	PSP	PSP						0%					100%	N	
13726886		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	12kV Circuit Rebuilds and Looping	WABASH CKT 3PH repl copper Phase I	PSP	PSP						0%					100%	N	

CEI South

Electric TDSIC Plan Projects

Page 30 of 31

Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13726529	18585601E56230	Elec System Improve -Distr TDSIC	Rockport	Dale	12kV Circuit Rebuilds and Looping	HOLLAND CKT 3PH repl copper Phase I	2019	2019						0%					-14%	Y	
13726533		Elec System Improve -Distr TDSIC	Rockport	Dale	12kV Circuit Rebuilds and Looping	HOLLAND CKT 3PH repl copper Phase II	PSP	PSP						0%					100%	N	
13703653		Elec System Improve -Distr TDSIC	Rockport	Rockport	12kV Circuit Rebuilds and Looping	Convert ROSE HILL CKT exit from UG to OH	PSP	PSP						0%					100%	N	
14391383	101514577	Elec Substation -Trans TDSIC	Francisco	Dale	Instrument Transformer Replacements	Saint Henry PT REPLs	2023	2023						0%					92%	N	Pre-construction costs
13970342		Elec Substation -Trans TDSIC	Rockport	Rockport	Instrument Transformer Replacements	Tell City PT REPLs	2023	2023						0%					100%	N	
13965899	100864088	Elec Substation -Distr TDSIC	Francisco	Oakland City	Substation Circuit Breaker Replacements	Replace OAKLAND CITY 188	2023	2023						0%					96%	N	Pre-construction costs
13970212		Elec Substation -Distr TDSIC	Boonville	Boonville	Substation Transformer Replacements	REPL of VIGO Dist. Substation TRF	PSP	PSP						0%					100%	N	
14034446		Elec Substation -Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	REPL of BERRY PLASTICS Dist. SUBSTA TRF	PSP	PSP						0%					100%	N	
14035079		Elec Substation -Trans TDSIC	Evansville	Evansville	Substation Transformer Replacements	REPL of HEIDELBACH Trans Substation TRF	PSP	PSP						0%					100%	N	
13965745	101513967	Elec Substation -Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	REPL of MULBERRY SUB Dist. Network TS	2023	2023						0%					97%	N	Pre-construction costs
14034458		Elec Substation -Trans TDSIC	Francisco	Winslow	Substation Transformer Replacements	REPL of CATO Trans Substation TRF	PSP	PSP						0%					100%	N	
14038914	100810136	Elec Substation -Distr TDSIC	Francisco	Stendel	Substation Transformer Replacements	REPL of STENDAL Dist. Substation TRF	2023	2023						0%					96%	N	Pre-construction costs
14035192		Elec Substation -Trans TDSIC	Mt. Vernon	Mt. Vernon	Substation Transformer Replacements	REPL of MT VERNON MAIN SUBSTA TRF 3	PSP	PSP						0%					100%	N	
14034533	19202701E18018	Elec Substation -Trans TDSIC	Rockport	Holland	Substation Transformer Replacements	REPL of DUBOIS Trans Substation TRF 2	2020	2020						0%					10%	Y	Labor was less than estimated due to utilization of in house crews
13965803		Elec Substation -Trans TDSIC	Rockport	Rockport	Substation Transformer Replacements	REPL of NEWTONVILLE Trans SUBSTA TRF 2	PSP	PSP						0%					100%	N	
13965804		Elec Substation -Trans TDSIC	Rockport	Rockport	Substation Transformer Replacements	REPL of NEWTONVILLE Trans SUBSTA TRF 3	PSP	PSP						0%					100%	N	
13625633		Elec Substation -Distr TDSIC	Boonville	Boonville	System Protection Relay Upgrades	Arc Flash Relay PROT Boonville PIO	PSP	PSP						0%					100%	N	
13965844		Elec Substation -Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL- NE 138kV Bus PROT UPGRADE	PSP	PSP						0%					100%	N	
13965846		Elec Substation -Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL- Northwest 69kV Bus PROT UPGRADE	2023	2023						0%					100%	N	
13966193		Elec Substation -Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-Smythe Y25-1 Y25-2 Y42	PSP	PSP						0%					100%	N	
13965782		Elec Substation -Trans TDSIC	Rockport	Rockport	System Protection Relay Upgrades	Newtonville Y70 Y69-1 Y56-2 Y56-1	PSP	PSP						0%					100%	N	
13751982		Elec Substation -Distr TDSIC	Boonville	Newburgh	Transmission Line Looping	Broadview Sub Reconfigure 69 kV SW & Substation Feed	PSP	PSP						0%					100%	N	
13970225	100847136	Elec Substation -Distr TDSIC	Mt. Vernon	Mt. Vernon	Substation Transformer Replacements	WADESVILLE T1 - H888044	2023	2023						0%					98%	N	Pre-construction costs
13970227		Elec Substation -Trans TDSIC	Francisco	Winslow	Substation Circuit Breaker Replacements	WINSLOW SWITCHING STATION 377 - 4749484	2023	2023	Project suspended in Period 9					0%	Project is suspended as it will be more cost effective to replace this breaker with 477 breaker at the same time in a future year			0%	Suspended		
13752003	19202701E58011	Elec System Improve -Trans TDSIC	Evansville	Evansville	Transmission Line Looping	Y42 Loop for Eastland Sub to Y58 (0.6 mi) (Incl w_ OPGW plan)	PSP	PSP						0%					100%	N	Pre-construction costs prior to project being moved back into PSP to keep annual planned budgets aligned. Costs will be moved to the project outside of TDSIC
13970252	19202701E58014	Elec System Improve -Trans TDSIC	Mt. Vernon	Mt. Vernon	Transmission Line Looping	Y32 Loop for Perry Twp. Sub (Incl w_ OPGW plan)	2021	2021						0%					-29%	Y	Actual labor was higher than estimate due to extensive erosion control measures needed for right of way maintenance and right of way restoration on the hilly terrain. Actual labor and material costs were also higher due to the addition of double circuits to support peak loads
13751965	18202701E58019	Elec System Improve -Trans TDSIC	Francisco	Winslow	Transmission Line Rebuilds	Y36 Winslow to SR61-E 8005 (with OPGW)(4.6 miles)	2019	2019						0%					-5%	Y	Labor and material were higher than estimate due to adding 18 transmission poles and more traffic control due to longer construction duration
13751967	18202701E58018	Elec System Improve -Trans TDSIC	Francisco	Winslow	Transmission Line Rebuilds	Y36 Lynnville to SR61-E 8005 (with OPGW)(4.98 miles)	2019	2019						0%					12%	Y	Actual labor and material costs were lower than estimated due to competitive bid results were lower than preliminary Engineering estimates
13752008		Elec System Improve -Trans TDSIC	Francisco	Stendel	Transmission Line Rebuilds	Z84 Pole Replacement Duff-Dubois (2.7 mi)	PSP	PSP						0%					100%	N	
13752000		Elec System Improve -Trans TDSIC	Francisco	Stendel	Transmission Line Rebuilds	Z84 Pole Replacement Duff-PL (19.6 mi)	PSP	PSP						0%					100%	N	
13616903		Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	UG Cable REPL in Andrea Court SUBD	PSP	PSP						0%					100%	N	
14034057		Elec System Improve -Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Carter Heights SUBD Cable REPL	PSP	PSP						0%					100%	N	
13993915		Elec System Improve -Distr TDSIC	Boonville	Boonville	Underground Cable Replacements and Looping	Cedar Hill Cable REPL	PSP	PSP						0%					100%	N	
14034107		Elec System Improve -Distr TDSIC	Boonville	Boonville	Underground Cable Replacements and Looping	Old Purdu Sub Urd Cable Repl	PSP	PSP						0%					100%	N	
13993896		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Airport Industrial Park Cable REPL Phase I	PSP	PSP						0%					100%	N	
14034253		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Char Mar Estates Cable Repl	PSP	PSP	Project was cancelled					100%	Project was completed outside of the TDSIC program			100%	Cancelled		
14034049		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Eastside Industrial Cable REPL	PSP	PSP						0%					100%	N	
13617019		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	UG Cable REPL in Jasper	PSP	PSP						0%					100%	N	
13995612		Elec System Improve -Distr TDSIC	Evansville	Newburgh	Underground Cable Replacements and Looping	Kenosha Hills Cable REPL Phase I	PSP	PSP						0%					100%	N	
14034067		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Key West SUBD Cable REPL	PSP	PSP						0%					100%	N	

CEI South Electric TDSIC Plan Projects																					
Maximo Work Order Number	Oracle/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 10/31/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Filed Estimate as of 10/31/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (11/1/21 - 4/30/22)	Actual \$ Since TDSIC Inception (thru 4/30/22)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13617026		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Lakeside Terrace Estates Cable REPL	PSP	PSP						0%					100%	N	
14034071		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Lant Manor Cable REPL Phase I	PSP	PSP						0%					100%	N	
13995620		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Locust Industrial Cable REPL	PSP	PSP						0%					100%	N	
13995653		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Oak Hill Terrace Etc. Cable REPL Phase I	PSP	PSP						0%					100%	N	
13995654		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Oak Meadows Cable REPL Phase I	PSP	PSP						0%					100%	N	
13995657		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Oak View Place Cable REPL	PSP	PSP						0%					100%	N	
13727601	19585401E56223	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	St. Joseph Cable REPL Phase I	2019	2019						0%					-21%	Y	The variance is due to higher labor cost. The project was pulled forward mid-year from PSP due to recent outages, and there was no opportunity to adjust labor cost from the Level 4 to a Level 2 estimate and apply lessons learned
13727604	19585401E56227	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Solarbron Pointe Cable REPL Ph I	PSP	PSP	Project was cancelled in Period 10					0%	Project was completed outside of the TDSIC program				0%	Cancelled	
13990994	19585401E56234	Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Solarbron Pointe Cable REPL Ph II	PSP	PSP	Project was cancelled					100%	Project was completed outside of the TDSIC program				100%	Cancelled	
13995717		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	University Shopping Cable REPL Phase I	PSP	PSP						0%					100%	N	
13975765		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Westwood Hills Cable REPL	PSP	PSP						0%					100%	N	
13995727		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Windsong Cable REPL	PSP	PSP						0%					100%	N	
13993919		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Charles Lawrence Cable REPL	PSP	PSP						0%					100%	N	
13810748		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Country Club Est Cable REPL Phase II	PSP	PSP						0%					100%	N	
14034063		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Harbortown SUBD Cable REPL	PSP	PSP						0%					100%	N	
14034234		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Hidden Valley Sub Cable Repl	PSP	PSP						0%					100%	N	
13727555		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Midway Acres Cable REPL	PSP	PSP						0%					100%	N	
14034100		Elec System Improve -Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Southwind Apartments Cable REPL	PSP	PSP						0%					100%	N	
14034179		Elec System Improve -Distr TDSIC	Rockport	Rockport	Underground Cable Replacements and Looping	Lincoln State Park Ph I	PSP	PSP						0%					100%	N	
14034180		Elec System Improve -Distr TDSIC	Rockport	Rockport	Underground Cable Replacements and Looping	Lincoln State Park Ph II	PSP	PSP						0%					100%	N	
13617125		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Mulberry CKT 1 2 3 UG Phase VI	PSP	PSP						0%					100%	N	
13960671		Elec System Improve -Distr TDSIC	Evansville	Evansville	Underslung Replacements	Convert Ex inline switch to a GOAB D1287, D1283	PSP	PSP						0%					100%	N	

ATTACHMENT NO. 3

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY
d/b/a CENTERPOINT ENERGY INDIANA SOUTH
CEI SOUTH
TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
ANNUAL REVENUE REQUIREMENT THROUGH APRIL 30, 2022

Line	Description	A Transmission	B Distribution	C Total Amount	D Reference	
	<u>Return on New Capital Investment:</u>					
1	Gross New Capital Investment - As of End of Period	\$ 64,421,031	\$ 160,607,230	\$ 225,028,260	Schedule 2, Line 9, Col. G	
2	Accumulated Depreciation - As of End of Period	\$ 2,442,208	\$ (4,015,183)	\$ (1,572,975)	Schedule 2, Line 18, Col. G	
3	Net New Capital Investment - As of End of Period	\$ 66,863,238	\$ 156,592,047	\$ 223,455,285	Line 1 + Line 2	
4	New Capital Investment CWIP - As of End of Period	\$ 64,097,646	\$ 39,240,191	\$ 103,337,837	Schedule 2, Line 21, Col. G	
5	PISCC Deferred Balance - As of End of Period	\$ 3,412,421	\$ 7,248,479	\$ 10,660,900	Schedule 3, Line 20, Col. G	
6	Total New Capital Investment - As of End of Period	\$ 134,373,305	\$ 203,080,716	\$ 337,454,021	Line 3 + Line 4 + Line 5	
7	Pre-Tax Rate of Return	7.63%	7.63%	7.63%	Schedule 4, Page 1, Line 17	
8	Annualized Return on New Capital Investment	\$ 10,252,683	\$ 15,495,059	\$ 25,747,742	Line 6 x Line 7	
	<u>Incremental Expenses</u>					
9	Property Tax Expense - Annualized	\$ 534,015	\$ 1,078,169	\$ 1,612,185	(Line 1 x 0.62%) + (Line 4 x 0.21%)	(A)
10	Depreciation Expense - Annualized	\$ 1,452,278	\$ 4,899,968	\$ 6,352,246	Schedule 5, Line 8	
11	Amortization Expense - Plan Development Costs	\$ -	\$ -	\$ -	Schedule 6, Line 11	
12	Amortization Expense - Deferred Depreciation	\$ 22,997	\$ 101,811	\$ 124,808	Schedule 7, Line 9	
13	Amortization Expense - Deferred PISCC	\$ 72,290	\$ 223,865	\$ 296,155	Schedule 3, Line 23	
14	Total Incremental Expenses	\$ 2,081,580	\$ 6,303,814	\$ 8,385,394	Sum Lines 9-13	
15	Annual Revenue Requirement - TDSIC	\$ 12,334,264	\$ 21,798,872	\$ 34,133,136	Line 8 + Line 14	
16	Recoverable TDSIC (80%)	\$ 9,867,411	\$ 17,439,098	\$ 27,306,509	Line 15 x 80%	(B)
17	To Be Deferred (20%)	\$ 2,466,853	\$ 4,359,774	\$ 6,826,627	Line 15 x 20%	(B)

Notes:

(A) The annualized level of property taxes is calculated using an estimated CEI South rate of 2.08% multiplied by the tax basis of the: (1) plant, estimated to be 30% of the gross new capital investment amount, and (2) CWIP, estimated to be 10% of the new capital investment CWIP amount.

(B) For accounting purposes only, the collection of 80% of the revenue requirement will cover in order of priority the full return on the investments [Line 8 - \$25,747,742], including the full equity and debt return, and then eligible operating expenses [Line 16 less Line 8 - \$1,558,767]. The collection priority will not impact the total amount authorized by the Commission for immediate recovery in the TDSIC [Line 16 - \$27,306,509], nor the amount deferred and authorized for future recovery in a base rate proceeding [Line 17 - \$6,826,627].

Line	CWIP Balance	Balance at 4/30/2022
19	Transmission	\$ 64,097,646
20	Distribution	\$ 39,240,191
21	Total CWIP Balance	\$ 103,337,837
		To Schedule 1, Line 4

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY
d/b/a CENTERPOINT ENERGY INDIANA SOUTH
CEI SOUTH
TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
POST IN-SERVICE CARRYING COSTS (PISCC)

Line	Description	Reference	A	B	C	D	E	F	G
1	PISCC Rate - Monthly	Schedule 4, Page 2, Line 5 / 12		0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
2	Debt - PISCC Rate - Monthly	Schedule 4, Page 2, Lines 1,3-4 / 12		0.11%	0.11%	0.11%	0.11%	0.11%	0.11%
3	Equity - PISCC Rate - Monthly	Schedule 4, Page 2, Line 2 / 12		0.39%	0.39%	0.39%	0.39%	0.39%	0.39%
4	Transmission Amortization Rate - Monthly (A)	Schedule 7, Line 5 / 12		0.17%	0.17%	0.17%	0.17%	0.17%	0.17%
5	Distribution Amortization Rate - Monthly (A)	Schedule 7, Line 6 / 12		0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
PISCC Cumulative Deferred Balance - DEBT			Balance at						Balance at
6	Transmission	(B)	10/31/2021	11/30/2021	12/31/2021	1/31/2022	2/28/2022	3/31/2022	4/30/2022
7	Distribution	(B)	\$ 824,716	\$ 826,122	\$ 827,530	\$ 829,841	\$ 832,144	\$ 834,474	\$ 836,805
8	PISCC Deferred Balance	(B)	\$ 1,671,117	\$ 1,682,555	\$ 1,697,942	\$ 1,717,410	\$ 1,737,327	\$ 1,759,702	\$ 1,783,304
		(B)	\$ 2,495,833	\$ 2,508,677	\$ 2,525,472	\$ 2,547,251	\$ 2,569,470	\$ 2,594,176	\$ 2,620,109
PISCC Cumulative Deferred Balance - EQUITY			Balance at						Balance at
9	Transmission	(B)	10/31/2021	11/30/2021	12/31/2021	1/31/2022	2/28/2022	3/31/2022	4/30/2022
10	Distribution	(B)	\$ 2,663,892	\$ 2,668,722	\$ 2,673,555	\$ 2,681,492	\$ 2,689,398	\$ 2,697,400	\$ 2,705,403
11	PISCC Deferred Balance	(B)	\$ 5,442,890	\$ 5,482,166	\$ 5,535,001	\$ 5,601,850	\$ 5,670,241	\$ 5,747,074	\$ 5,828,121
		(B)	\$ 8,106,782	\$ 8,150,888	\$ 8,208,556	\$ 8,283,342	\$ 8,359,640	\$ 8,444,474	\$ 8,533,524
PISCC Cumulative Deferred Balance - DEBT + EQUITY			Balance at						Balance at
12	Transmission	Line 6 + Line 9	10/31/2021	11/30/2021	12/31/2021	1/31/2022	2/28/2022	3/31/2022	4/30/2022
13	Distribution	Line 7 + Line 10	\$ 3,488,608	\$ 3,494,844	\$ 3,501,085	\$ 3,511,333	\$ 3,521,542	\$ 3,531,873	\$ 3,542,207
14	PISCC Deferred Balance	Sum Lines 12-13	\$ 7,114,007	\$ 7,164,721	\$ 7,232,943	\$ 7,319,260	\$ 7,407,568	\$ 7,506,776	\$ 7,611,426
			\$ 10,602,615	\$ 10,659,565	\$ 10,734,027	\$ 10,830,593	\$ 10,929,110	\$ 11,038,650	\$ 11,153,633
Amortization of PISCC									
15	Less: Amortization of PISCC - Transmission		\$ (96,170)	\$ (101,773)	\$ (107,376)	\$ (112,978)	\$ (118,581)	\$ (124,184)	\$ (129,787)
16	Less: Amortization of PISCC - Distribution		\$ (269,526)	\$ (285,096)	\$ (300,666)	\$ (316,236)	\$ (331,806)	\$ (347,376)	\$ (362,947)
17	Less: Amortization of PISCC	(C)	\$ (365,696)	\$ (386,869)	\$ (408,042)	\$ (429,215)	\$ (450,387)	\$ (471,560)	\$ (492,733)
Total PISCC Deferred Balance									
18	Transmission	Line 12 + Line 15	\$ 3,392,438	\$ 3,393,072	\$ 3,393,709	\$ 3,398,355	\$ 3,402,961	\$ 3,407,690	\$ 3,412,421
19	Distribution	Line 13 + Line 16	\$ 6,844,481	\$ 6,879,625	\$ 6,932,276	\$ 7,003,024	\$ 7,075,761	\$ 7,159,400	\$ 7,248,479
20	Total PISCC Deferred Balance	Line 14 + Line 17	\$ 10,236,919	\$ 10,272,696	\$ 10,325,986	\$ 10,401,378	\$ 10,478,723	\$ 10,567,089	\$ 10,660,900
			To Schedule 1, Line 5						
Annualized Amortization Expense									
21	Transmission	Line 4 x Line 12 x 12							\$ 72,290
22	Distribution	Line 5 x Line 13 x 12							\$ 223,865
23	Total Amortization Expense	Sum Lines 21-22							\$ 296,155
			To Schedule 1, Line 13						

(A) Based on Amortization Life of Plant as of December 31, 2016. Annual depreciation rate is 1 divided by Number of Years, as shown on Attachment CMB-1, Schedule 7.

(B) Calculated as the PISCC rates (lines 2 & 3) multiplied by the monthly PISCC eligible balances. PISCC eligible balances are based on the gross plant placed in-service not yet captured for recovery in the TDSIC.

(C) Balance at October 31, 2021 in total ties to TDSIC-10, Attachment AMB-1, Schedule 3, Line 17. The allocation between Transmission and Distribution has been revised to include both debt and equity.

Amortization of approximately \$21,173 per month beginning in November 2021 is based on annualized amortization expense of \$254,073 from TDSIC-9.

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY
d/b/a CENTERPOINT ENERGY INDIANA SOUTH
CEI SOUTH
TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
PRE-TAX RATE OF RETURN AT APRIL 30, 2022

Line	After-Tax (A)	A Amount (\$000's)	B Weighting	C Cost	D = B x C WACC
1	Debt	\$ 891,593	34.75%	3.40%	1.18%
2	Equity	\$ 1,191,217	46.43%	10.40%	4.83%
3	Cost Free Capital	\$ 471,234	18.37%	0.00%	0.00%
4	Other	\$ 11,689	0.46%	4.52%	0.02%
5	Total	\$ 2,565,733			6.03% (B)

To Schedule 10, Line 2

Pre-Tax Equity Component Calculation

6	After-Tax Cost of Equity per Line 2	4.83%	Line 2, Col. D
7	One	100.00%	
8	Less State Taxes	4.900%	
9	Federal Taxable	95.10%	Line 7 - Line 8
10	One Less Federal Income Tax	79.00%	1 - 21%
11	Effective Gross-Up Factor	75.13%	Line 9 x Line 10
12	Pre-Tax Equity	6.43%	Line 6 / Line 11

Forecast - Adjusted ROR (fixed ROE)**Pre-Tax**

13	Debt	1.18%	from Line 1
14	Equity	6.43%	from Line 12
15	Cost Free Capital	0.00%	from Line 3
16	Other	0.02%	from Line 4
17	Total Pre-Tax Rate of Return	7.63%	Sum Lines 13-16

To Schedule 1, Line 7

(A) All data in Lines 1 through 5 represent the actual balances as of April 30, 2022.

(B) Proof

	Equity	Debt and Other	Total	
18	Total New Capital Investment	\$ 337,454,021	\$ 337,454,021	from Schedule 1, Line 6
19	Pre-Tax Return	6.43%	1.20%	from Lines 13-16
20	Return	\$ 21,694,724	\$ 4,049,448	Line 18 x Line 19
21	State Tax	\$ 1,063,041		4.900% x Line 20
22	Federal Taxable Return	\$ 20,631,683	\$ 4,049,448	Line 20 - Line 21
23	Federal Tax	\$ 4,332,653		Line 22 x 21%
24	After Tax Return \$	\$ 16,299,029	\$ 4,049,448	\$ 20,348,477 Line 20 - Lines 21 and 23

25 After Tax Return % 6.03% Line 24 / Line 18
equals Line 5

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY
d/b/a CENTERPOINT ENERGY INDIANA SOUTH
CEI SOUTH
TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
AFTER TAX PISCC RATE AT OCTOBER 31, 2021

<u>Line</u>	<u>After-Tax (A)</u>	<u>A</u> <u>Amount (\$000's)</u>	<u>B</u> <u>Weighting</u>	<u>C</u> <u>Cost</u>	<u>D = B x C</u> <u>WACC</u>
1	Debt	\$ 987,168	36.31%	3.49%	1.27%
2	Equity	\$ 1,219,773	44.87%	10.40%	4.67%
3	Cost Free Capital	\$ 474,623	17.46%	0.00%	0.00%
4	Other	\$ 36,913	1.36%	6.49%	0.09%
5	Total	\$ 2,718,477			6.03%

(A) All data in Lines 1 through 5 represent the actual balances as of October 31, 2021 (as presented in TDSIC-10 filing on CMB-1, Sch 4, Pg 1).

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY
d/b/a CENTERPOINT ENERGY INDIANA SOUTH
CEI SOUTH
TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
ANNUALIZED DEPRECIATION EXPENSE ON NEW CAPITAL INVESTMENT

Line	Description	Balance at 4/30/2022	Reference
<u>Depreciable In-Service Balance</u>			
1	Transmission	\$ 64,421,031	Schedule 2, Line 7, Col. G
2	Distribution	\$ 160,607,230	Schedule 2, Line 8, Col. G
3	Total	\$ 225,028,260	Sum Lines 1-2
<u>Monthly Depreciation Rates</u>			
4	Transmission	0.19%	(A)
5	Distribution	0.25%	(A)
<u>Annualized Depreciation Expense</u>			
6	Transmission	\$ 1,452,278	Line 1 x Line 4 x 12
7	Distribution	\$ 4,899,968	Line 2 x Line 5 x 12
8	Total Annualized Depreciation Expense	\$ 6,352,246	Sum Lines 6-7
To Schedule 1, Line 10			

(A) Current average of authorized depreciation rates. Supporting work papers will show a detailed calculation of depreciation rates by class of plant.

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY
d/b/a CENTERPOINT ENERGY INDIANA SOUTH
CEI SOUTH
TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
AMORTIZATION OF PLAN DEVELOPMENT COSTS

Line	Description	Transmission	Distribution	Total	Reference
1	Total Plan Development Costs (A)	\$ 1,516,155	\$2,282,529	\$3,798,684	
2	Amortization Period (in years)	3	3	3	
3	Annual Amortization	\$ 505,385	\$ 760,843	\$ 1,266,228	Line 1 / Line 2
	(B)	40%	60%		
4	Amount Recovered in TDSIC-1	\$ 252,693	\$ 380,421	\$ 633,114	
5	Amount Recovered in TDSIC-2	\$ 252,693	\$ 380,421	\$ 633,114	
6	Amount Recovered in TDSIC-3	\$ 252,693	\$ 380,421	\$ 633,114	
7	Amount Recovered in TDSIC-4	\$ 252,693	\$ 380,421	\$ 633,114	
8	Amount Recovered in TDSIC-5	\$ 252,693	\$ 380,421	\$ 633,114	
9	Amount Recovered in TDSIC-6	\$ 252,693	\$ 380,421	\$ 633,114	
10	Total Recovered (C)	\$ 1,516,155	\$2,282,529	\$3,798,684	Sum of Lines 4-9
11	Remaining Balance to be Recovered	\$ -	\$ -	\$ -	Line 1 - Line 10

To Schedule 1, Line 11

Notes:

(A) Per Cause No. 44910, TDSIC-1 Petitioner's Exhibit No. 1 (Witness Hoover Direct Testimony)

(B) Percentage split between Transmission and Distribution based on total capital spend in the TDSIC Plan per Cause No. 44910- Petitioner's Exhibit No. 10, Attachment LKW-1

(C) The total Amortization of Plan Development Costs of \$3,798,684 have been fully amortized and recovered from TDSIC-1 through TDSIC-6.

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY
d/b/a CENTERPOINT ENERGY INDIANA SOUTH
CEI SOUTH
TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
AMORTIZATION OF DEFERRED DEPRECIATION

		A	B	C	D	E	F	G
Line	Description	Balance at 10/31/2021	11/30/2021	12/31/2021	1/31/2022	2/28/2022	3/31/2022	Balance at 4/30/2022
	<u>Deferred Depreciation Balance (A)</u>							
1	Transmission	\$ 1,106,472	\$ 1,108,897	\$ 1,111,323	\$ 1,115,239	\$ 1,119,055	\$ 1,122,599	\$ 1,126,836
2	Distribution	\$ 3,227,486	\$ 3,250,021	\$ 3,281,428	\$ 3,322,203	\$ 3,363,908	\$ 3,411,571	\$ 3,461,577
3	Less: Amortization of Deferrals (B)	\$ (153,901)	\$ (162,711)	\$ (171,521)	\$ (180,331)	\$ (189,141)	\$ (197,952)	\$ (206,762)
4	Total Deferred Depreciation Balance	\$ 4,180,057	\$ 4,196,206	\$ 4,221,230	\$ 4,257,110	\$ 4,293,821	\$ 4,336,219	\$ 4,381,652
	<u>Depreciation Rates (C)</u>							
5	Transmission							2.04%
6	Distribution							2.94%
	<u>Deferred Depreciation Amortization Expense</u>							
7	Transmission						Line 1 x Line 5	\$ 22,997
8	Distribution						Line 2 x Line 6	\$ 101,811
9	Deferred Depreciation Amortization Expense						Sum Lines 7-8	\$ 124,808

To Schedule 1, Line 12

(A) Calculated by taking the gross new plant investment, less retirements, placed in-service but not yet included in TDSIC recovery.

(B) Captures actual recorded amortization expense for PISCC during period.

(C) Based on Amortization Life of Plant as of December 31, 2016. Annual depreciation rate is 1 divided by Number of Years.

Transmission - 49 years

Distribution - 34 years

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY
d/b/a CENTERPOINT ENERGY INDIANA SOUTH
CEI SOUTH
TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
DEFERRED REVENUE REQUIREMENT (20%)

Line	Description	Amount (A)	Reference
1	TDSIC-1 - through 04/30/2017 (B)	\$ 186,995	TDSIC-1, JCS-1, Sch 8, Line 1
2	TDSIC-2 - through 10/31/2017	\$ 450,914	TDSIC-2, JCS-1, Sch 8, Line 2
3	TDSIC-3 - through 04/30/2018	\$ 715,582	TDSIC-3, JCS-1, Sch 8, Line 3
4	TDSIC-4 - through 10/31/2018	\$ 1,002,934	TDSIC-4, JCS-1, Sch 8, Line 4
5	TDSIC-5 - through 04/30/2019	\$ 1,358,066	TDSIC-5, JCS-1, Sch 8, Line 5
6	TDSIC-6 - through 10/31/2019	\$ 1,877,927	TDSIC-6, JCS-1, Sch 8, Line 6
7	TDSIC-7 - through 04/30/2020	\$ 2,009,835	TDSIC-7, AMB-1, Sch 8, Line 7
8	TDSIC-8 - through 10/31/2020	\$ 2,501,262	TDSIC-8, AMB-1, Sch 8, Line 8
9	TDSIC-9 - through 4/30/2021	\$ 2,631,412	TDSIC-9, BAF-1, Sch 8, Line 9
10	TDSIC-10 - through 10/31/2021	\$ 3,128,726	TDSIC-10, CMB-1, Sch 8, Line 10
11	TDSIC-11 - through 04/30/2022	\$ 3,297,655	(C)
11	Total Deferred Revenue Requirement	\$ 15,863,653	Sum Lines 1 - 10

Notes:

- (A) Pending results from 2% TDSIC Annual Retail Revenue Cap Test from Attachment CMB-1, Schedule 9, additional information may be provided for TDSIC Deferred in Excess of 2% Cap.
- (B) TDSIC-1 Deferral Adjusted for Tax Reform Beginning January 2018. (\$193,084 - \$6,089 = \$186,995).
- (C) Attachment MAR-1, Schedule 4, Line 25, Sum of November 2022 - April 2023

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY
d/b/a CENTERPOINT ENERGY INDIANA SOUTH
CEI SOUTH
TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
2% TDSIC ANNUAL RETAIL REVENUE CAP TEST

Line	Description	Total Amount	Reference
1	Current TDSIC Recoverable	\$ 27,306,509	Schedule 1, Line 16
2	Prior TDSIC Recoverable	\$ 24,153,790	TDSIC-10, CMB-1, Schedule 1, Line 16
3	Increase in TDSIC Recoverable	\$ 3,152,719	Line 1 - Line 2
4	Total Retail Revenues	\$ 633,772,135	12 Months Ended As of End of Period
5	TDSIC Cap	2%	[Ind. Code § 8-1-39-14(a)]
6	TDSIC Cap - 2% of Retail Revenues	\$ 12,675,443	Line 4 x Line 5
7	Does Increase in TDSIC Exceed 2% Cap?	No	If Line 3 > Line 6, Yes; If not, No
<u>If Yes:</u>			
8	TDSIC Cap - 2% of Retail Revenues	\$ -	If Yes - Line 6; If No, \$0
9	Plus: Prior TDSIC Recoverable	\$ -	If Yes - Line 2; If No, \$0
10	Total TDSIC Recoverable	\$ -	Line 8 + Line 9
11	Current TDSIC Recoverable	\$ -	If Yes - Line 1; If No, \$0
12	TDSIC Deferred in Excess of 2% Cap	\$ -	Line 11 - Line 10
<u>If No:</u>			
13	Current TDSIC Recoverable	\$ 27,306,509	If No, Line 1; If Yes, \$0

**SOUTHERN INDIANA GAS AND ELECTRIC COMPANY
d/b/a CENTERPOINT ENERGY INDIANA SOUTH
CEI SOUTH
TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
NOI ADJUSTED FOR FAC EARNINGS TEST**

Line	Description	Total Amount	Reference
1	Total New Capital Investment - As of End of Period	\$ 337,454,021	From Schedule 1, Line 6
2	After-Tax Rate of Return	6.03%	From Schedule 4, Page 1, Line 5
3	NOI Adjustment for FAC Earnings Test - TDSIC-11	\$ 20,348,477	Line 1 x Line 2

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY
 d/b/a CENTERPOINT ENERGY INDIANA SOUTH
 CEI SOUTH
 TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
 ACTUAL VARIANCES BY RATE SCHEDULE THROUGH APRIL 30, 2022

Line	Description	A	B	C	D	E	F	G	H	I	J
		Rate Schedule								Total	Reference
	Actual Recoveries (Inclusive of IURT)	RS	B	SGS	DGS / MLA	OSS	LP / BAMP	HLF	SL/OL		
1	Nov-21	\$ 676,368	\$ 12,173	\$ 51,103	\$ 344,785	\$ 30,048	\$ 62,113	\$ (3,238)	\$ 6,738	\$ 1,180,090	(A)
2	Dec-21	\$ 759,166	\$ 13,043	\$ 55,159	\$ 324,863	\$ 35,312	\$ 289,687	\$ 3,642	\$ 7,735	\$ 1,488,607	(A)
3	Jan-22	\$ 835,437	\$ 13,743	\$ 59,010	\$ 326,389	\$ 41,353	\$ 153,598	\$ 3,628	\$ 7,871	\$ 1,441,029	(A)
4	Feb-22	\$ 857,971	\$ 13,718	\$ 59,369	\$ 327,743	\$ 40,317	\$ 161,938	\$ 3,671	\$ 7,867	\$ 1,472,594	(A)
5	Mar-22	\$ 802,905	\$ 13,634	\$ 57,626	\$ 330,483	\$ 42,445	\$ 166,174	\$ 3,672	\$ 7,851	\$ 1,424,791	(A)
6	Apr-22	\$ 776,257	\$ 13,631	\$ 56,955	\$ 325,009	\$ 42,695	\$ 187,017	\$ 3,692	\$ 7,868	\$ 1,413,125	(A)
7	Total Actual Recoveries Inclusive of IURT	\$ 4,708,104	\$ 79,942	\$ 339,222	\$ 1,979,273	\$ 232,169	\$ 1,020,527	\$ 15,067	\$ 45,929	\$ 8,420,235	Sum Lines 1-6
	Actual Recoveries (Exclusive of IURT)	RS	B	SGS	DGS / MLA	OSS	LP / BAMP	HLF	SL/OL		
8	Nov-21	\$ 666,425	\$ 11,994	\$ 50,352	\$ 339,717	\$ 29,607	\$ 61,200	\$ (3,190)	\$ 6,639	\$ 1,162,743	Line 1 x 0.9853
9	Dec-21	\$ 748,006	\$ 12,851	\$ 54,349	\$ 320,087	\$ 34,793	\$ 285,429	\$ 3,589	\$ 7,621	\$ 1,466,724	Line 2 x 0.9853
10	Jan-22	\$ 823,156	\$ 13,541	\$ 58,142	\$ 321,591	\$ 40,745	\$ 151,340	\$ 3,574	\$ 7,755	\$ 1,419,846	Line 3 x 0.9853
11	Feb-22	\$ 845,359	\$ 13,516	\$ 58,496	\$ 322,925	\$ 39,724	\$ 159,557	\$ 3,617	\$ 7,752	\$ 1,450,946	Line 3 x 0.9853
12	Mar-22	\$ 791,103	\$ 13,434	\$ 56,779	\$ 325,625	\$ 41,821	\$ 163,731	\$ 3,618	\$ 7,735	\$ 1,403,846	Line 3 x 0.9853
13	Apr-22	\$ 764,846	\$ 13,431	\$ 56,118	\$ 320,232	\$ 42,067	\$ 184,268	\$ 3,638	\$ 7,752	\$ 1,392,352	Line 3 x 0.9853
14	Total Actual Recoveries Exclusive of IURT	\$ 4,638,895	\$ 78,767	\$ 334,236	\$ 1,950,178	\$ 228,756	\$ 1,005,525	\$ 14,846	\$ 45,254	\$ 8,296,457	Sum Lines 8-13
	Approved Recoveries (Exclusive of IURT)	RS	B	SGS	DGS / MLA	OSS	LP / BAMP	HLF	SL/OL		
15	Nov-21	\$ 767,147	\$ 14,370	\$ 57,452	\$ 315,202	\$ 39,635	\$ 388,174	\$ 3,710	\$ 6,863	\$ 1,592,552	(B)
16	Dec-21	\$ 813,155	\$ 14,522	\$ 59,055	\$ 293,950	\$ 43,607	\$ 378,824	\$ 3,712	\$ 6,863	\$ 1,613,688	(B)
17	Jan-22	\$ 861,382	\$ 15,056	\$ 59,886	\$ 291,624	\$ 47,379	\$ 376,280	\$ 3,684	\$ 6,863	\$ 1,662,154	(B)
18	Feb-22	\$ 791,067	\$ 14,881	\$ 58,902	\$ 328,711	\$ 51,916	\$ 381,811	\$ 3,770	\$ 6,863	\$ 1,637,922	(B)
19	Mar-22	\$ 782,432	\$ 14,771	\$ 57,625	\$ 293,977	\$ 48,713	\$ 384,600	\$ 3,780	\$ 6,863	\$ 1,592,760	(B)
20	Apr-22	\$ 737,598	\$ 14,683	\$ 56,502	\$ 279,911	\$ 40,047	\$ 402,186	\$ 3,736	\$ 6,863	\$ 1,541,525	(B)
21	Total Approved Recoveries Exclusive of IURT	\$ 4,752,780	\$ 88,283	\$ 349,422	\$ 1,803,375	\$ 271,298	\$ 2,311,875	\$ 22,392	\$ 41,175	\$ 9,640,601	Sum Lines 15-20
22	Total Variance (C)	\$ 113,885	\$ 9,516	\$ 15,186	\$ (146,803)	\$ 42,542	\$ 1,306,350	\$ 7,546	\$ (4,079)	\$ 1,344,143	Line 21 - Line 14
	Under/(Over) Recovery										

(A) Actual Recoveries represent billed TDSIC revenues from the company's customer billing system by month and by rate schedule.

(B) Based on prior TDSIC approvals.

(C) To Attachment MAR-1, Schedule 2

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY
d/b/a CENTERPOINT ENERGY INDIANA SOUTH
CEI SOUTH
TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
ALLOCATION AND RATE DERIVATION

Line No.		A	B	C	D	E	F	G	H
1	Transmission Revenue Requirement	\$	9,867,411	Attachment CMB-1, Schedule 1, Line 16					
	</								

[1] EADIT Credit split between Transmission and Distribution for LP for determination of the TVD Component and ultimate BAMP rates and charges. Transmission and Distribution percentages based on the total TDSIC Plan approved in this proceeding - 40% Transmission, 60% Distribution.

[2] Variance recovery split between Distribution and Transmission based on the split of Revenue Requirement from TDSIC period being recovered. Applies only to Rate LP for determination of the TVD Component and ultimate BAMP rates and charges.

TDSIC-9 Split for use in TDSIC-11 Variance

Distribution Revenue Requirement	\$ 14,593,489	67.49%
Transmission Revenue Requirement	\$ 7,031,030	32.51%
Total	\$ 21,624,519	100.00%

(A) Represents revenue requirement over cumulative Rate RS, B, SGS cap of \$5.50 per customer per month.

(B) Represents rate over cumulative Rate RS cap of \$5.50 per customer, per month, including IJRT.

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY
d/b/a CENTERPOINT ENERGY INDIANA SOUTH
CEI SOUTH
TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
PROPOSED RATES AND CHARGES

Line No.	Rate Schedule	Description	A	B	C	D	E	F	G	H	I
			Combined Rates and Charges - (Proposed)			Combined Rates and Charges - (Current) [1]			Percentage Change - Including IURT [3]		
			Rate per Customer Per Month	Rate per kWh	Rate per kW/kVa	Rate per Customer Per Month	Rate per kWh	Rate per kW/kVa	Rate per Customer Per Month	Rate per kWh	Rate per kW/kVa
1	Rate RS	Residential Service	\$ 5.50	\$ 0.002767		\$ 5.00	\$ 0.002089		10.00%	32.45%	
2	Rate B	Water Heating Service	\$ 4.43	\$ 0.002691		\$ 4.04	\$ 0.002498		9.57%	7.73%	
3	Rate SGS	Small General Service	\$ 5.50	\$ 0.003033		\$ 5.00	\$ 0.002469		10.00%	22.83%	
4	Rate DGS/MLA	Demand General Service / Municipal Levee Authority			\$ 1.555			\$ 1.407			10.48%
5	Rate OSS	Off-Season Service			\$ 1.961			\$ 1.368			43.37%
6	Rate LP	Large Power Service			\$ 2.262			\$ 2.255			0.30%
7	Rate LP - TVD	Large Power Service - Transmission Voltage Discount	[4]		\$ (1.474)			\$ (1.528)			3.50%
8	Rate BAMP	Backup, Auxiliary, and Maintenance Power Services	[5]		\$ 0.787			\$ 0.728			8.14%
9	Rate HLF	High Load Factor Service			\$ 0.284			\$ (0.039)			828.28%
10	Rate SL/OL	Street Lighting / Outdoor Lighting	\$ 0.35			\$ 0.31			14.05%		
Line No.	Rate Schedule	Description	Combined Rates and Charges, without Variance - (Proposed)			Combined Rates and Charges, without Variance - (Current) [2]			Percentage Change - Including IURT [3]		
			Rate per Customer Per Month	Rate per kWh	Rate per kW/kVa	Rate per Customer Per Month	Rate per kWh	Rate per kW/kVa	Rate per Customer Per Month	Rate per kWh	Rate per kW/kVa
11	Rate RS	Residential Service	\$ 5.50	\$ 0.002595		\$ 5.00	\$ 0.002106		10.00%	23.21%	
12	Rate B	Water Heating Service	\$ 4.43	\$ 0.000385		\$ 4.04	\$ 0.000185		9.57%	108.16%	
13	Rate SGS	Small General Service	\$ 5.50	\$ 0.002567		\$ 5.00	\$ 0.002130		10.00%	20.53%	
14	Rate DGS/MLA	Demand General Service / Municipal Levee Authority			\$ 1.657			\$ 1.429			15.94%
15	Rate OSS	Off-Season Service			\$ 1.678			\$ 1.466			14.46%
16	Rate LP	Large Power Service			\$ 1.120			\$ 0.958			16.96%
17	Rate LP - TVD	Large Power Service - Transmission Voltage Discount	[6]		\$ (0.571)			\$ (0.507)			-12.57%
18	Rate BAMP	Backup, Auxiliary, and Maintenance Power Services	[7]		\$ 0.550			\$ 0.450			22.17%
19	Rate HLF	High Load Factor Service			\$ 0.161			\$ 0.097			65.49%
20	Rate SL/OL	Street Lighting / Outdoor Lighting	\$ 0.38			\$ 0.34			11.93%		

[1] Per Cause No. 44910 TDSIC-10, Petitioner's Exhibit No. 3-R, Attachment MAR-1, Schedule 3, Lines 1 - 10

[2] Per Cause No. 44910 TDSIC-10, Petitioner's Exhibit No. 3-R, Attachment MAR-1, Schedule 3, Lines 11 - 20

[3] Calculated by subtracting current rate from proposed rate, then dividing by current rate

[4] Column C calculated from the rates and charges on Schedule 2 - Line 20 (distribution revenue requirement), Line 31 (distribution EADIT Credit), and Line 42 (distribution variance).

[5] Column C calculated from the rates and charges on Schedule 2 - Line 7 (transmission revenue requirement), Line 30 (transmission EADIT Credit), and Line 41 (transmission variance).

[6] Column C calculated from the rates and charges on Schedule 2 - Line 20 (distribution revenue requirement), and Line 31 (distribution EADIT Credit).

[7] Column C calculated from the rates and charges on Schedule 2 - Line 7 (transmission revenue requirement), and Line 30 (transmission EADIT Credit).

**SOUTHERN INDIANA GAS AND ELECTRIC COMPANY
d/b/a CENTERPOINT ENERGY INDIANA SOUTH
CEI SOUTH
TRANSMISSION, DISTRIBUTION AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
PROJECTED RECOVERIES BY MONTH**

Line No.	Rate Schedule	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Annual Total	
Projected Customer Count (A)															
1	RS - Residential Service	131,619	131,899	132,062	132,157	132,237	132,289	131,619	131,899	132,062	132,157	132,237	132,289	132,044	12 Mos Avg
2	B - Water Heating Service	3,634	3,632	3,713	3,705	3,694	3,684	3,634	3,632	3,713	3,705	3,694	3,684	3,677	12 Mos Avg
3	SGS - Small General Service	10,097	10,108	10,141	10,143	10,152	10,172	10,097	10,108	10,141	10,143	10,152	10,172	10,136	
4	SL/OL - Street Lighting / Outdoor Lighting Service	25,169	25,169	25,169	25,169	25,169	25,169	25,169	25,169	25,169	25,169	25,169	25,169	25,169	
Projected Energy (kWh) (A)															
5	RS - Residential Service	96,200,896	118,985,592	149,250,310	109,673,949	117,472,980	69,996,625	87,048,600	128,161,236	165,737,733	152,369,309	102,864,566	74,484,908	1,372,246,704	
6	B - Water Heating Service	595,903	697,925	830,747	719,585	658,234	624,106	590,972	570,622	546,294	545,000	558,713	553,128	7,491,229	
7	SGS - Small General Service	5,239,031	5,849,809	6,016,390	5,650,239	5,161,729	4,716,521	4,816,156	5,749,989	6,382,211	6,000,714	5,102,295	4,744,385	65,429,469	
Projected Demand (kW)/(kVa) (A)															
8	DGS - Demand General Service / Municipal Levee Authority	256,139	230,336	237,897	235,902	228,732	246,221	251,279	268,580	265,238	301,127	286,278	286,741	3,094,470	
9	OSS - Off-Season Service	24,579	24,568	25,664	23,755	24,682	26,895	26,494	25,988	24,895	26,615	24,571	24,575	303,281	
10	LP - Large Power Service	216,531	209,276	206,485	208,604	207,361	222,675	227,581	236,968	245,168	246,158	245,478	243,718	2,716,002	
11	LP - Large Power Service - Transmission Voltage Discount	53,764	52,146	44,741	44,885	45,306	54,599	55,187	55,555	55,401	55,012	56,094	55,632	628,323	
12	BAMP - Backup, Auxiliary, and Maintenance Power Services	86,300	86,300	86,300	86,300	86,300	86,300	86,300	86,300	86,300	86,300	86,300	86,300	1,035,600	
13	HLF - High Load Factor Service	10,122	10,129	10,053	10,287	10,315	10,194	10,189	10,160	10,335	10,184	10,213	10,217	122,400	
Projected Recoveries (B)															
14	RS - Residential Service	\$ 990,085	\$ 1,054,672	\$ 1,139,306	\$ 1,030,326	\$ 1,052,346	\$ 921,263	\$ 949,777	\$ 1,057,999	\$ 1,156,395	\$ 1,122,232	\$ 994,218	\$ 920,860	\$ 12,389,478	
15	B - Water Heating Service	\$ 17,690	\$ 17,956	\$ 18,672	\$ 18,337	\$ 18,123	\$ 17,987	\$ 16,314	\$ 16,297	\$ 16,646	\$ 16,610	\$ 16,567	\$ 16,520	\$ 207,719	
16	SGS - Small General Service	\$ 71,420	\$ 73,335	\$ 74,022	\$ 72,922	\$ 71,492	\$ 70,248	\$ 67,896	\$ 70,356	\$ 72,161	\$ 71,193	\$ 68,937	\$ 68,125	\$ 852,108	
17	DGS - Demand General Service / Municipal Levee Authority	\$ 398,171	\$ 358,061	\$ 369,814	\$ 366,712	\$ 355,566	\$ 382,753	\$ 416,318	\$ 444,983	\$ 439,445	\$ 498,907	\$ 474,304	\$ 475,071	\$ 4,980,105	
18	OSS - Off-Season Service	\$ 48,205	\$ 48,184	\$ 50,334	\$ 46,590	\$ 48,408	\$ 52,748	\$ 44,454	\$ 43,605	\$ 41,772	\$ 44,658	\$ 41,228	\$ 41,234	\$ 551,421	
19	LP - Large Power Service	\$ 489,727	\$ 473,318	\$ 467,006	\$ 471,799	\$ 468,987	\$ 503,624	\$ 255,001	\$ 265,519	\$ 274,707	\$ 275,817	\$ 275,055	\$ 273,083	\$ 4,493,643	
20	LP-TVD - Large Power Service - Transmission Voltage Discount	\$ (79,274)	\$ (76,888)	\$ (65,969)	\$ (66,181)	\$ (66,802)	\$ (80,505)	\$ (31,496)	\$ (31,706)	\$ (31,618)	\$ (31,396)	\$ (32,014)	\$ (31,750)	\$ (625,599)	
21	BAMP - Backup, Auxiliary, and Maintenance Power Services	\$ 67,938	\$ 67,938	\$ 67,938	\$ 67,938	\$ 67,938	\$ 67,938	\$ 47,445	\$ 47,445	\$ 47,445	\$ 47,445	\$ 47,445	\$ 47,445	\$ 692,300	
22	HLF - High Load Factor Service	\$ 2,875	\$ 2,877	\$ 2,855	\$ 2,922	\$ 2,930	\$ 2,895	\$ 1,636	\$ 1,631	\$ 1,659	\$ 1,635	\$ 1,639	\$ 1,640	\$ 27,194	
23	SL/OL - Street Lighting / Outdoor Lighting	\$ 8,898	\$ 8,898	\$ 8,898	\$ 8,898	\$ 8,898	\$ 8,898	\$ 9,578	\$ 9,578	\$ 9,578	\$ 9,578	\$ 9,578	\$ 9,578	\$ 110,860	
24	Total Recoveries including Variances during first six months	\$ 2,015,736	\$ 2,028,351	\$ 2,132,876	\$ 2,020,263	\$ 2,027,885	\$ 1,947,851	\$ 1,776,923	\$ 1,925,707	\$ 2,028,190	\$ 2,056,679	\$ 1,896,959	\$ 1,821,808	\$ 23,679,228	
25	20% Deferred (based on Revenue Requirement piece only)	\$ 543,812	\$ 552,096	\$ 589,131	\$ 546,712	\$ 550,508	\$ 515,397	\$ 536,316	\$ 592,630	\$ 633,316	\$ 639,805	\$ 578,419	\$ 548,486	\$ 6,826,627	
		8.51%	8.57%	9.01%	8.53%	8.56%	8.23%	7.50%	8.13%	8.57%	8.69%	8.01%	7.69%		

Notes:

(A) Source: CEI South 2022 - 2031 IE Plan

(B) Proposed Rates and Charge, multiplied by Estimated Billing Determinants (A)

Proposed Rates and Charges	With Variance	Without Variance	Without Variance and EADIT Credit
Rate RS - Per Customer Per Month	\$ 5.50	\$ 5.50	\$ 5.50
Rate RS - Per kWh	\$ 0.002767	\$ 0.002595	\$ 0.004141
Rate B - Per Customer Per Month	\$ 4.43	\$ 4.43	\$ 4.43
Rate B - Per kWh	\$ 0.002691	\$ 0.000385	\$ 0.001712
Rate SGS - Per Customer Per Month	\$ 5.50	\$ 5.50	\$ 5.50
Rate SGS - Per kWh	\$ 0.003033	\$ 0.002567	\$ 0.003449
Rate DGS/MLA - Per kW/kVa	\$ 1.555	\$ 1.657	\$ 2.141
Rate OSS - Per kW/kVa	\$ 1.961	\$ 1.678	\$ 2.024
Rate LP - Transmission Per kW/kVa	\$ 0.787	\$ 0.550	\$ 0.866
Rate LP - Distribution Per kW/kVa	\$ 1.474	\$ 0.571	\$ 0.885
Rate LP-TVD - Per kW/kVa	\$ (1.474)	\$ (0.571)	\$ (0.885)
Rate BAMP - Per kW/kVa	\$ 0.787	\$ 0.550	\$ 0.866
Rate HLF - Per kW/kVa	\$ 0.284	\$ 0.161	\$ 0.538
Rate SL/OL - Per Customer Per Month	\$ 0.35	\$ 0.38	\$ 0.51

ATTACHMENT NO. 4

APPENDIX K

TRANSMISSION, DISTRIBUTION, AND STORAGE SYSTEM

IMPROVEMENT CHARGE

APPLICABILITY

The Transmission, Distribution, and Storage System Improvement Charge (“TDSIC”) shall be applicable to all Customers on the Rate Schedules set forth in the TDSIC Charges section below.

DESCRIPTION

- The TDSIC shall include, as approved by the Commission:
- (1) In Cause No. 44910, recovery of costs associated with Company’s TDSIC Plan (“TDSIC”) as provided for in Ind. Code Ch. 8-1-39 for the purposes of safety, reliability, system modernization, or economic development.
 - (2) In Cause No. 45032-S21, credits associated with the amortization of Excess Accumulated Deferred Income Tax (“EADIT Credits”) liability resulting from the Tax Cuts and Jobs Act of 2017.

Reconciliation

Company’s actual TDSIC costs and EADIT Credits shall be reconciled semi-annually with actual TDSIC recoveries, with any differences being reflected as a charge or credit in a subsequent TDSIC.

Allocation Percentages

TDSIC costs and EADIT Credits shall be allocated to the Rate Schedules based on the percentages approved in Cause No. 44910 and Cause No. 45032-S21.

Rate Schedule	<u>Transmission</u>	<u>Distribution</u>	<u>EADIT Credit</u>
	<u>Allocation</u> <u>Percentage</u>	<u>Allocation</u> <u>Percentage</u>	<u>Allocation</u> <u>Percentage</u>
RS	42.62%	58.44%	42.67%
B	0.13%	1.12%	0.20%
SGS	1.82%	4.10%	1.16%
DGS/MLA	27.33%	22.53%	30.15%
OSS	2.12%	2.32%	2.11%
LP/BAMP	25.33%	10.59%	21.97%
HLF	0.65%	0.01%	0.93%
SL/OL	0.00%	0.89%	0.81%

TDSIC CHARGES

The TDSIC shall be applied to each customer or kW/kVa or kWh of electric usage, as applicable. The current TDSIC rates and charges by Rate Schedule are set forth below:

<u>Rate Schedule</u>	<u>\$ per Month</u>	<u>\$ per kW or kVa</u>	<u>\$ per kWh</u>
RS	\$5.00		\$0.002767
B	\$4.43		\$0.002691
SGS	\$5.00		\$0.003033
DGS/MLA		\$1.555	
OSS		\$1.961	
LP		\$2.262	
LP-TVD		\$(1.474)	
BAMP		\$0.787	
HLF		\$0.284	
SL/OL (1)	\$0.35		

(1) The TDSIC Charge for Rate Schedule SL/OL is stated in \$ per month per lighting fixture.

Southern Indiana Gas and Electric Company D/B/A
CenterPoint Energy Indiana South (CEI South)
Tariff for Electric Service
I.U.R.C. No. E-13

Sheet No. 75
~~Thirteenth~~ Revised Page 1 of 1
Cancels ~~Twelfth~~, Revised Page 1 of 1

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APPENDIX K
TRANSMISSION, DISTRIBUTION, AND STORAGE SYSTEM
IMPROVEMENT CHARGE

APPLICABILITY
The Transmission, Distribution, and Storage System Improvement Charge ("TDSIC") shall be applicable to all Customers on the Rate Schedules set forth in the TDSIC Charges section below.

DESCRIPTION
The TDSIC shall include, as approved by the Commission:
(1) In Cause No. 44910, recovery of costs associated with Company's TDSIC Plan ("TDSIC") as provided for in Ind. Code Ch. 8-1-39 for the purposes of safety, reliability, system modernization, or economic development.
(2) In Cause No. 45032-S21, credits associated with the amortization of Excess Accumulated Deferred Income Tax ("EADIT Credits") liability resulting from the Tax Cuts and Jobs Act of 2017.

Reconciliation
Company's actual TDSIC costs and EADIT Credits shall be reconciled semi-annually with actual TDSIC recoveries, with any differences being reflected as a charge or credit in a subsequent TDSIC.

Allocation Percentages
TDSIC costs and EADIT Credits shall be allocated to the Rate Schedules based on the percentages approved in Cause No. 44910 and Cause No. 45032-S21.

Rate Schedule	Transmission	Distribution	EADIT Credit
	Allocation Percentage	Allocation Percentage	Allocation Percentage
RS	42.62%	58.44%	42.67%
B	0.13%	1.12%	0.20%
SGS	1.82%	4.10%	1.16%
DGS/MLA	27.33%	22.53%	30.15%
OSS	2.12%	2.32%	2.11%
LP/BAMP	25.33%	10.59%	21.97%
HLF	0.65%	0.01%	0.93%
SL/OL	0.00%	0.89%	0.81%

TDSIC CHARGES
The TDSIC shall be applied to each customer or kW/kVa or kWh of electric usage, as applicable. The current TDSIC rates and charges by Rate Schedule are set forth below:

Rate Schedule	\$ per Month	\$ per kW or kVa	\$ per kWh
RS	\$5.00		\$0.002767
B	\$4.43		\$0.002691
SGS	\$5.00		\$0.003033
DGS/MLA		\$1.555	
OSS		\$1.961	
LP		\$2.262	
LP-TVD		\$(1.474)	
BAMP		\$0.787	
HLF		\$0.284	
SL/OL (1)	\$0.35		

(1) The TDSIC Charge for Rate Schedule SL/OL is stated in \$ per month per lighting fixture.

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ATTACHMENT NO. 5

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY
d/b/a CENTERPOINT ENERGY INDIANA SOUTH
CEI SOUTH
TRANSMISSION, DISTRIBUTION, AND STORAGE SYSTEM IMPROVEMENT CHARGE (TDSIC)
Estimated Customer Impacts and Annual Revenue Increase

			TDSIC-2			TDSIC-4			TDSIC-6			TDSIC-8			TDSIC-10			TDSIC-12			TDSIC-14		
\$ Millions			2017			2018			2019			2020			2021			2022			2023		
1	Total Annual Investment [1]		\$40.0			\$57.5			\$68.3			\$61.9			\$83.6			\$73.4			\$62.9		
2	Total Revenue Change [2]					0.64%			0.81%			1.17%			0.86%			0.84%			1.30%		
Estimated Rates & Charges [3]			Per Customer/ Month	Per kWh	Per kW/kVA	Per Customer/ Month	Per kWh	Per kW/kVA	Per Customer/ Month	Per kWh	Per kW/kVA	Per Customer/ Month	Per kWh	Per kW/kVA	Per Customer/ Month	Per kWh	Per kW/kVA	Per Customer/ Month	Per kWh	Per kW/kVA	Per Customer/ Month	Per kWh	Per kW/kVA
3	Rate RS		\$ 0.95	\$ 0.000339		\$ 2.00	\$ 0.000885		\$ 3.00	\$ 0.002320		\$ 4.00	\$ 0.003104		\$ 5.00	\$ 0.003711		\$ 6.00	\$ 0.005361		\$ 7.00	\$ 0.006955	
4	Rate B		\$ 0.57	\$ 0.000170		\$ 1.25	\$ 0.000452		\$ 2.37	\$ 0.000812		\$ 3.22	\$ 0.001044		\$ 4.10	\$ 0.001463		\$ 5.09	\$ 0.002100		\$ 6.24	\$ 0.002566	
5	Rate SGS		\$ 0.85	\$ 0.000307		\$ 1.80	\$ 0.000787		\$ 3.00	\$ 0.002065		\$ 4.00	\$ 0.002811		\$ 5.00	\$ 0.003150		\$ 6.00	\$ 0.004757		\$ 7.00	\$ 0.006461	
6	Rate DGS/MLA			\$ 0.216			\$ 0.502			\$ 0.917			\$ 1.310			\$ 1.917			\$ 2.525			\$ 3.089	
7	Rate OSS			\$ 0.253			\$ 0.586			\$ 1.021			\$ 1.473			\$ 1.821			\$ 2.376			\$ 2.908	
8	Rate LP			\$ 0.130			\$ 0.310			\$ 0.580			\$ 0.768			\$ 1.386			\$ 1.832			\$ 2.241	
9	Rate LP-TVD			\$ (0.081)			\$ (0.190)			\$ (0.354)			\$ (0.479)			\$ (0.817)			\$ (1.015)			\$ (1.243)	
10	Rate BAMP			\$ 0.048			\$ 0.120			\$ 0.226			\$ 0.289			\$ 0.569			\$ 0.817			\$ 0.998	
11	Rate HLF			\$ 0.061			\$ 0.154			\$ 0.275			\$ 0.267			\$ 0.461			\$ 0.659			\$ 0.805	
12	Rate SL/OL		\$ 0.07			\$ 0.16			\$ 0.29			\$ 0.39			\$ 0.47			\$ 0.59			\$ 0.72		

[1] Investments as shown in Petitioner's Exhibit No. 1, Attachment SRR-2.
[2] Based on Total Revenues for the projected period ended December 31, 2017.
[3] Based on Settlement cost allocations, rate design, and revenue requirement calculations.
Excludes the impact of Tax Reform Settlement Credits (Cause No. 45032-S21)