

CEI South
Electric TDSIC Plan Projects

Mining Work Order Number	Order/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/30/2023	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Final Capital Estimate as of 4/30/2023	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (1/1/21 - 3/31/23)	Actual \$ Since TDSIC Inception (thru 10/31/23)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)	Actual Variance Commentary
1388787		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Outer Lincoln AVE Ckt - CAP UPGRADE	2023	2023						0K					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					0K	Project cancelled due to CVR project in 2019/2020 on the same circuit			0K	Cancelled		
1388800		Elec System Improve - Distr TDSIC	Evansville	Evansville	Distribution Capacitor Replacements	Villa Drive Ckt - CAP UPGRADE	2023	2023						0K					100%	N	
1395365	21202701E16014	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	REPLACE HEIDELBACH OCB 2127	2022	2022						0K					85%	N	Pre-construction costs
1395386	21202701E16014	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	REPLACE HEIDELBACH OCB 2277	2022	2022						0K					85%	N	Pre-construction costs
1403295	20202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	REPLACE NORTHEAST 138KV OCB 2126	2021	2021						0K					-9%	Y	
1403296	20202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	REPLACE NORTHEAST 138KV OCB 2188	2021	2021						0K					-9%	Y	
1403304	20202701E18017	Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	REPLACE NORTHEAST 138KV OCB 2288	2021	2021						0K					-9%	Y	
13970256	21202701E16012	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Replacement of YANKEETOWN 124V circuit Breaker 1	2022	2022						0K					80%	N	Pre-construction costs
13970259	21202701E16012	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Replacement of YANKEETOWN 124V circuit Breaker 2	2022	2022						0K					80%	N	Pre-construction costs
1396098	21202701E16016	Elec Substation - Distr TDSIC	Rockport	Rockport	System Protection Relay Upgrade	Rockport 124V PRED-CONTR Upgrade	2022	2022						0K					93%	N	Pre-construction costs
1396094	21202701E16016	Elec Substation - Distr TDSIC	Rockport	Rockport	Substation Circuit Breaker Replacements	ROCKPORT 388 - 4859684	2022	2022						0K					93%	N	Pre-construction costs
1396096	21202701E16016	Elec Substation - Distr TDSIC	Rockport	Rockport	Substation Transformer Replacements	ROCKPORT T2 - POP-16752	2022	2022						0K					93%	N	Pre-construction costs
13966201		Elec Substation - Trans TDSIC	Rockport	Holland	Substation Circuit Breaker Replacements	SAINT HENRY 177 - 4859702	2023	2023						0K					100%	N	
13966203		Elec Substation - Trans TDSIC	Rockport	Holland	Substation Circuit Breaker Replacements	SAINT HENRY 277 - 4859704	2023	2023						0K					100%	N	
13966103	21202701E16015	Elec Substation - Distr TDSIC	ML Vernon	ML Vernon	Substation Circuit Breaker Replacements	SAINT PHILLIPS 188 - 4859313	2022	2022						0K					91%	N	Pre-construction costs
13966105	21202701E16015	Elec Substation - Distr TDSIC	ML Vernon	ML Vernon	Substation Circuit Breaker Replacements	SAINT PHILLIPS 288 - 4859314	2022	2022						0K					91%	N	Pre-construction costs
13966106	21202701E16015	Elec Substation - Distr TDSIC	ML Vernon	ML Vernon	Substation Transformer Replacements	SAINT PHILLIPS T1 - A6080	2022	2022						-53%	Originally a Class 4 system, updated to Class 2. Engineering estimated project based on current design and construction standards. New transformer requires relocation and de-weight 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						0K					30%	N	Construction In-progress
13966154	20202701E16022	Elec Substation - Distr TDSIC	Evansville	Haubstadt	Substation Circuit Breaker Replacements	SAINT WENDELL 288 - 4859706	2021	2021						0K					30%	N	Construction In-progress
13966155	20202701E16022	Elec Substation - Distr TDSIC	Evansville	Haubstadt	Substation Circuit Breaker Replacements	SAINT WENDELL 388 - 4859707	2021	2021						0K					30%	N	Construction In-progress
13966156	20202701E16022	Elec Substation - Distr TDSIC	Evansville	Haubstadt	Substation Transformer Replacements	SAINT WENDELL T1 - A5735	2021	2021						0K					30%	N	Construction In-progress
13966158	21202701E16023	Elec Substation - Distr TDSIC	Rockport	Dale	Substation Circuit Breaker Replacements	SANTA CLAUS 188 - 4853575	2022	2022						0K					78%	N	Pre-construction costs
13966163	21202701E16023	Elec Substation - Distr TDSIC	Rockport	Dale	Substation Circuit Breaker Replacements	SANTA CLAUS 288 - 4853573	2022	2022						0K					78%	N	Pre-construction costs
1375183	20202701E18015	Elec Substation - Trans TDSIC	Evansville	Evansville	Transmission Line Looping	Scott Sub New 271 Line Terminal	2021	2021						0K					58%	Y	Actual labor was less than estimate due to utilization of in-house crews
1397090		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	STRINGTOWN T2 - 1252610101	2023	2023	Project suspended in Period 9					0K	Project is suspended to keep planned annual budgets and caps within required parameters in order to move Mulberry 11 (Maximo #13965745) from PSP to 2023				0%	Suspended	
13970132		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SUNBEAM 388 - 4858862	2023	2023						0K					100%	N	
13970141		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SUNBEAM 488 - 4858837	2023	2023						0K					100%	N	
13970162		Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SUNBEAM T1 - C46879-2-1	2023	2023						0K					100%	N	
13970162	19202701E16031	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SUNBEAM T2 - 1252866	2021	2021						0K					-26%	Y	Actual material and labor was more than estimate due to new MOABs, 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 - 4862092	2021	2021						0K					-11%	Y	
13970190	20202701E16019	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	TEKOPPEL T1 - M1624348	2021	2021						0K					-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 - U83022-1	2021	2021						0K					-11%	Y	Actual labor was more than estimated due to soil remediation needed to install transformer foundations
13751984	21202701E18011	Elec Substation - Trans TDSIC	Franklin	FL Branch	Transmission Line Looping	Toyota Sub New 271 Line Terminal	2022	2022						0K					90%	N	Pre-construction costs
13964287	19202701E16023	Elec Substation - Distr TDSIC	Evansville	Evansville	Supervisory Control and Data Acquisition Upgrades	UD Network SCADA-Distribution Ckt	2021	2021						0K					5%	Y	
13752064		Elec System Improve - Trans TDSIC	Boonville	Boonville	Transmission Line Rebuilds	Y8&Y77 Cable to Iynsville Motor (4.8 mi) (No OPGW required)	2023	2023						0K					100%	N	
13752010		Elec System Improve - Trans TDSIC	Evansville	Evansville	Transmission Line Rebuilds	285-2 Grimm to Angel Mounds (1.2)	2023	2023						0K					100%	N	
13751991		Elec System Improve - Trans TDSIC	Franklin	Oakland City	Transmission Line Rebuilds	Y35 Rebuild Kings - Oakland City (13.2 mi) w_OPGW	2023	2023						0K					100%	N	
14039102	1802701E18017	Elec System Improve - Trans TDSIC	Franklin	Dale	Transmission Line Rebuilds	Y67-2 Rebuild DuBois-Huntingburg (1.5 mi) w_OPGW	2019	2019						0K					-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
13722491		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Highridge SUBD Cable REPL	2023	2023						0K					100%	N	
13722635		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Tanglewood SUBD Cable REPL Phase I	2023	2023						0K					100%	N	
13614247		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Cable Replacements and Looping	Village Lane Apartments Cable REPL	2023	2023						0K					100%	N	
13727431		Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Brookshire Estates Cable REPL Phase I	2023	2023						0K					100%	N	

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13727440		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR P&H 9	2023	2023						OK				100%	N	
13519178		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underground Cable Replacements and Looping	Carriage House II Apt Cable REPL	2023	2023						OK				100%	N	
13727464		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underground Cable Replacements and Looping	Eastland Estates Cable REPL Phase I	2023	2023						OK				100%	N	
13616732		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underground Cable Replacements and Looping	UG Cable REPL In Mater Dei Periwinkle	2023	2023						OK				100%	N	
13727552		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underground Cable Replacements and Looping	McCutough Cable REPL	2023	2023						OK				100%	N	
13727581		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underground Cable Replacements and Looping	North Lake Village Phase I Cable REPL	2023	2023						OK				100%	N	
13727582		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underground Cable Replacements and Looping	Orchard Knoll Estates Cable REPL Phase I	2023	2023						OK				100%	N	
13727586		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underground Cable Replacements and Looping	Peach Blossom SURO Cable REPL	2023	2023						OK				100%	N	
13727611		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underground Cable Replacements and Looping	Spring Street Cable REPL	2023	2023						OK				100%	N	
13727666		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underground Cable Replacements and Looping	Town and Country Est Cable REPL Phase I	2023	2023						OK				100%	N	
13727667		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underground Cable Replacements and Looping	University Heights Cable REPL Phase I	2023	2023						OK				100%	N	
13617099		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underground Cable Replacements and Looping	UG Cable REPL In Walling SURO	2023	2023						OK				100%	N	
13617508		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underground Cable Replacements and Looping	Willshire Cable REPL	2023	2023						OK				100%	N	
13617463		Elec System Improve - Distr TDSIC		Frankco	FL Branch	Underground Cable Replacements and Looping	CH 1800N Lincoln City - Able Rd	2023	2023						OK				100%	N	
13506085		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underground Network Upgrades	Repl Net Trans CM-22 3000A Station N25	2023	2023						OK				100%	N	
13617466		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underground Network Upgrades	Repl Net Trans CM-22 3000A Station N24	2023	2023						OK				100%	N	
13563765		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underslung Replacements	Convert & inline switch to a GOAD D2615	2023	2023						OK				100%	N	
13563269		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underslung Replacements	Convert & inline switch to a GOAD D1131	2023	2023						OK				100%	N	
13563364		Elec System Improve - Distr TDSIC		Evanville	Evanville	Underslung Replacements	Convert & inline switch to a GOAD D1587	2023	2023						OK				100%	N	
13563366		Elec System Improve - Distr TDSIC		Frankco	Windsor	Underslung Replacements	Convert & inline switch to a GOAD D1693	2023	2023						OK				100%	N	
14159739		Elec Pole Replacement - Distr TDSIC		Various	Various	Wood Pole Replacements	2023 wood pole replacements	2023	2023	Project cancelled in Period 3					OK	Cancelled due to Supreme Court decision on multi-unit projects			0%	Cancelled	
14039080	17202701E58018	Elec System Improve - Trans TDSIC		Evanville	Evanville	East West Transmission Line	East to West 138KV Transmission Line	2019-2022	2019-2022						OK				40%	N	Construction in-progress
14094225	17585501E56238	Elec System Improve - Distr TDSIC		Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Indiana Port Mt Vernon Cable Repl	2019	2019						OK				-7%	Y	
14094226	17585501E56240	Elec System Improve - Distr TDSIC		Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Notion Rd and Alderson Ln-Cable Repl	2018	2018						OK				-2%	Y	
14033064	18585401E56244	Elec System Improve - Distr TDSIC		Evanville	Evanville	12KV Circuit Rebuilds and Looping	LODGE AWC OCT 3PH repl copper Phase I	2019	2019						OK				10%	Y	Actual cost of material was less than estimated
14312336	18202701E15625	Elec Substation - Distr TDSIC		Evanville	Evanville	System Protection Relay Upgrades	Relay Replacement Slaughter 688	2019	2019						OK				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
14312341	18202701E15628	Elec Substation - Distr TDSIC		Evanville	Evanville	System Protection Relay Upgrades	Relay Replacement Oak Grove Road 288 288	2019	2019						OK				-9%	Y	
13965709		Elec Substation - Distr TDSIC		Evanville	Evanville	Substation Control and Data Acquisition Upgrades	Underground Network SCADA-Distribution Mulberry	2022	2022						OK				100%	N	
13970222		Elec Substation - Distr TDSIC		Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	WADESVILLE 188 - 4895196	2023	2023						OK				100%	N	
13970223		Elec Substation - Distr TDSIC		Mt. Vernon	Mt. Vernon	Substation Circuit Breaker Replacements	WADESVILLE 288 - 4895241	2023	2023						OK				100%	N	
14033019		Elec System Improve - Distr TDSIC		Boonville	Newburgh	12KV Circuit Rebuilds and Looping	Green Springs OCT - Repl copper conductor	PSP	PSP						OK				100%	N	
13726527		Elec System Improve - Distr TDSIC		Boonville	Newburgh	12KV Circuit Rebuilds and Looping	HERITAGE OCT 3PH replace copper	PSP	PSP						OK				100%	N	
14033027		Elec System Improve - Distr TDSIC		Boonville	Newburgh	12KV Circuit Rebuilds and Looping	Hwy 662 OCT 3PH repl copper Phase I	PSP	PSP						OK				100%	N	
13726031		Elec System Improve - Distr TDSIC		Boonville	Boonville	12KV Circuit Rebuilds and Looping	JENNER ROAD OCT 3PH replace copper	PSP	PSP						OK				100%	N	
13726864		Elec System Improve - Distr TDSIC		Boonville	Boonville	12KV Circuit Rebuilds and Looping	QANDALE SCHOOL 3PH repl copper Phase I	PSP	PSP						OK				100%	N	
13726873		Elec System Improve - Distr TDSIC		Boonville	Boonville	12KV Circuit Rebuilds and Looping	PELZER OCT 3PH repl copper Phase II	PSP	PSP						OK				100%	N	
13614502	19585401E56713	Elec System Improve - Distr TDSIC		Evanville	Evanville	12KV Circuit Rebuilds and Looping	CONCORD BLVD OCT 3PH repl copper	PSP	PSP						OK				100%	N	
13726523		Elec System Improve - Distr TDSIC		Evanville	Evanville	12KV Circuit Rebuilds and Looping	HIDDEN ROAD OCT 3PH replace copper	PSP	PSP						OK				100%	N	

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14033030	19585401E56230			Evansville	12KV Circuit Rebuilds and Looping	Convert 3PH to 3PH along Schunk Rd	PSP	PSP							0%				100%	N	Pre-construction costs prior to project being moved back into PSP to keep annual planned budgets aligned
14033028				Evansville	12KV Circuit Rebuilds and Looping	HORNVILLE CKT 3PH replace copper	PSP	PSP							0%				100%	N	
13726533				Evansville	12KV Circuit Rebuilds and Looping	KRATZVILLE RD 3PH repl copper Phase II	PSP	PSP							0%				100%	N	
13613116	19585401E56232			Evansville	12KV Circuit Rebuilds and Looping	Extend Ohio Township CKT to Epworth Rd	2020	2020							0%				1%	Y	
14033067	19585401E56235			Evansville	12KV Circuit Rebuilds and Looping	POLLACK AVE CKT 3PH repl copper Phase I	PSP	PSP	Project was cancelled						100%	Project was completed outside of the TDSIC program			100%	Cancelled	
14033133				Evansville	12KV Circuit Rebuilds and Looping	THOMPSON AVE CKT 3PH repl copper Phase I	PSP	PSP							0%				100%	N	
13615581	18585401E56289			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 TDSIC program			100%	Cancelled	
14033159	19585401E56238			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 TDSIC program			100%	Cancelled	Pre-construction costs prior to project being moved back into PSP to keep annual planned budgets aligned
13726890				Evansville	12KV Circuit Rebuilds and Looping	WADESVILLE CKT 3PH repl copper Phase I	PSP	PSP							0%				100%	N	
13726521				Frankisco	12KV Circuit Rebuilds and Looping	HAUBSTADT CKT 3PH replace copper	PSP	PSP							0%				100%	N	
14033066				Frankisco	12KV Circuit Rebuilds and Looping	MONTGOMERY CKT 3PH replace copper	PSP	PSP							0%				100%	N	
13720968	19585501E56714			Mt. Vernon	12KV Circuit Rebuilds and Looping	Blainville CKT Repl 3PH repl copper conduit	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
14032980	19585501E56213			Mt. Vernon	12KV Circuit Rebuilds and Looping	Edson and Indian Mounds CKT The Capacity UPGRADE	PSP	PSP							0%				100%	N	
14032982	19585501E56212			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 TDSIC program			100%	Cancelled	
14033013				Mt. Vernon	12KV Circuit Rebuilds and Looping	FOND RD CKT 3PH repl copper PH I	PSP	PSP							0%				100%	N	
14033039				Mt. Vernon	12KV Circuit Rebuilds and Looping	INDIAN MOUNDS ROAD 3PH replace copper	PSP	PSP							0%				100%	N	
13561706				Mt. Vernon	12KV Circuit Rebuilds and Looping	3Phase CKT Tie along Darnell School Rd	PSP	PSP							0%				100%	N	
13519161				Mt. Vernon	12KV Circuit Rebuilds and Looping	SPRINGFIELD CKT 3PH repl copper PH II	PSP	PSP							0%				100%	N	
14033155				Mt. Vernon	12KV Circuit Rebuilds and Looping	UNIONTOWN CKT 3PH repl copper Phase I	PSP	PSP							0%				100%	N	
13726886				Mt. Vernon	12KV Circuit Rebuilds and Looping	WABASH CKT 3PH repl copper Phase I	PSP	PSP							0%				100%	N	
13726529	18585601E56330			Rockport	12KV Circuit Rebuilds and Looping	HOLLAND CKT 3PH repl copper Phase I	2019	2019							0%				-14%	Y	
13726533				Rockport	12KV Circuit Rebuilds and Looping	HOLLAND CKT 3PH repl copper Phase II	PSP	PSP							0%				100%	N	
13703653				Rockport	12KV Circuit Rebuilds and Looping	Convert ROSE HILL CKT out from USC to OH	PSP	PSP							0%				100%	N	
14391383				Rockport	12KV Circuit Rebuilds and Looping	Saint Henry PT REPLs	2023	2023							0%				100%	N	
13707042				Rockport	12KV Circuit Rebuilds and Looping	Tell City PT REPLs	2023	2023							0%				100%	N	
13956859				Rockport	12KV Circuit Rebuilds and Looping	Substation Circuit Breaker Replacements	2023	2023							0%				100%	N	
13703212				Rockport	12KV Circuit Rebuilds and Looping	REPL of VIGO Dist. Substation TMS	PSP	PSP							0%				100%	N	
14034446				Rockport	12KV Circuit Rebuilds and Looping	REPL of BERRY PLASTICS Dist. SUBSTA TRS	PSP	PSP							0%				100%	N	
14035679				Rockport	12KV Circuit Rebuilds and Looping	REPL of HEIDELBERG Trans Substation TRF	PSP	PSP							0%				100%	N	
13956745				Rockport	12KV Circuit Rebuilds and Looping	REPL of MULBERRY SUB Dist. Network TRS	2023	2023							0%				100%	N	
14034658				Rockport	12KV Circuit Rebuilds and Looping	REPL of CATO Trans Substation TRF	PSP	PSP							0%				100%	N	
14038514				Rockport	12KV Circuit Rebuilds and Looping	REPL of STENDAL Dist. Substation TRF	2023	2023							0%				100%	N	
14035592				Rockport	12KV Circuit Rebuilds and Looping	REPL of MT VERNON MAIN SUBSTA TRF 3	PSP	PSP							0%				100%	N	
14034533	19202701E3802A			Rockport	12KV Circuit Rebuilds and Looping	REPL of MONTGOMERY Trans Substation TRF 2	2020	2020							0%				10%	Y	Labor was less than estimated due to utilization of in house crews
13965803				Rockport	12KV Circuit Rebuilds and Looping	REPL of NEWTONVILLE Trans SUBSTA TRF 3	PSP	PSP							0%				100%	N	
13956804				Rockport	12KV Circuit Rebuilds and Looping	REPL of NEWTONVILLE Trans SUBSTA TRF 3	PSP	PSP							0%				100%	N	
13925633				Rockport	12KV Circuit Rebuilds and Looping	System Protection Relay Upgrades	PSP	PSP							0%				100%	N	
13963844				Rockport	12KV Circuit Rebuilds and Looping	Relay REPL-NE 138KV Bus PROT UPGRADE	PSP	PSP							0%				100%	N	
13965846				Rockport	12KV Circuit Rebuilds and Looping	Relay REPL- Northwest 69KV Bus PROT UPGRADE	2023	2023							0%				100%	N	

CEI South
Electric TDSIC Plan Projects

Mainline Work Order Number	Order/Power Plant Number	ASB	OC	City	TDSIC Program	Mainline 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 \$ (EJ/21 - 10/31/21)	Actual \$ Since TDSIC Inception (thru 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)	Actual Variance Commentary
13964193		Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement Smythe Y23-1 Y25-2 Y42	PSP	PSP							0%					100%	N	
13965782		Elec Substation - Trans TDSIC	Rockport	Rockport	System Protection Relay Upgrades	Newtonville Y70 Y58-1 Y58-2 Y56-1	PSP	PSP							0%					100%	N	
13751962		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	ML Vernon	ML Vernon	Substation Transformer Replacements	WADESVILLE T1 - H88B044	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 a 477 breaker at the same time in a future year			0%	Suspended	
13752003	192070158011	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	192070158014	Elec System Improve - Trans TDSIC	ML Vernon	ML Vernon	Transmission Line Looping	Y32 Loop for Perry Twp. Sub (incl w_OPGW plan)	2021	2021							0%					7%	N	Construction In-progress
13751965	182070158019	Elec System Improve - Trans TDSIC	Francisco	Winslow	Transmission Line Rebuilds	Y36 Winslow to SNE1-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	182070158018	Elec System Improve - Trans TDSIC	Francisco	Winslow	Transmission Line Rebuilds	Y36 Lynville to SNE1-E 8005 (with OPGW)(4.58 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	284 Pole Replacement Out-Dubois (3.7 mi)	PSP	PSP							0%					100%	N	
13752000		Elec System Improve - Trans TDSIC	Francisco	Stendel	Transmission Line Rebuilds	284 Pole Replacement Out-PL (35.6 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	
13817019		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	Leasat 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	1958540156223	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	St. Joseph Cable REPL Phase I	2019	2019							0%					-11%	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 income earned
13727604	1958540156227	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Solution Pointe Cable REPL Phase I	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	1948540156234	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Solution Pointe Cable REPL Phase I	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	
13957665		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	
13999919		Elec System Improve - Distr TDSIC	ML Vernon	ML Vernon	Underground Cable Replacements and Looping	Charles Lawrence Cable REPL	PSP	PSP							0%					100%	N	
13810748		Elec System Improve - Distr TDSIC	ML Vernon	ML Vernon	Underground Cable Replacements and Looping	Country Club Est Cable REPL Phase II	PSP	PSP							0%					100%	N	
14034063		Elec System Improve - Distr TDSIC	ML Vernon	ML Vernon	Underground Cable Replacements and Looping	Hubbortown SUBD Cable REPL	PSP	PSP							0%					100%	N	
14034234		Elec System Improve - Distr TDSIC	ML Vernon	ML Vernon	Underground Cable Replacements and Looping	Hidden Valley Sub Cable REPL	PSP	PSP							0%					100%	N	
13727555		Elec System Improve - Distr TDSIC	ML Vernon	ML Vernon	Underground Cable Replacements and Looping	Midway Acres Cable REPL	PSP	PSP							0%					100%	N	
14034100		Elec System Improve - Distr TDSIC	ML Vernon	ML 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	ADM	QC	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 Final Capital Estimate as of 4/30/2021	Current Capital Estimate	Estimate \$ Variance	Estimate % Variance	Estimate Variance Commentary	Actual \$ (1/1/21 - 10/31/21)	Actual \$ Since TDSIC Inception (Nov 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)	Actual Variance Commentary
14034179		Dist System Improve - Distr TDSIC	Rockport	Rockport	Underground Cable Replacements and Looping	Lincoln State Park Ph I	PSP	PSP						0%					100%	N	
14034180		Dist System Improve - Distr TDSIC	Rockport	Rockport	Underground Cable Replacements and Looping	Lincoln State Park Ph II	PSP	PSP						0%					100%	N	
13617125		Dist System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Mulberry OCT 1 2 3 UG Phase VI	PSP	PSP						0%					100%	N	
13960671		Dist System Improve - Distr TDSIC	Evansville	Evansville	Underground Replacements	Convert Ex inline switch to a GOAIR D3287, D1283	PSP	PSP						0%					100%	N	

ATTACHMENT NO. 2

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Circuit/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 S Variance	Estimate N Variance	Estimate S Variance Comments	Actual S (11/1/21-4/30/22)	Actual S Since TDSIC Inception (thru 4/30/22)	Actual S Variance	Actual N 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. Marris 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
13736630	17585401E56250	Elec System Improve - Distr TDSIC	Evansville	Evansville	12kV Circuit Rebuilds and Looping	Rustan circuit-Dbl circuit out of VIP 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	Munk 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 2225 Lexington Rd-3Phase circuit Tie	2017	2017						0%					14%	Y	
13703553	17585401E56266	Elec System Improve - Distr TDSIC	Evansville	Newburgh	12kV Circuit Rebuilds and Looping	Hay 682 circuit and Lockwood Ln circuit Tie upgrade	2017	2017						0%					-14%	Y	
13505992	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	
13818501	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%					18%	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	
13506837	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																						
Maximo Work Order Number	Order/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	
13745088	17585401E56253	Elec System Improve - Distr TDSIC	Evansville	Evansville	4MV Conversions	Cass Ave circuit CONV (Riverside Sub) Ph II	2017	2017						0%				-14%	Y			
13971295	17585401E56264	Elec System Improve - Distr TDSIC	Evansville	Evansville	4MV 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%				-35%	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			
13501772	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%				-23%	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			
13501122	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	Northcast 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	
14099189	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	
14099153	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	
13628457	16202701E58013	Elec System Improve - Trans TDSIC	Boonville	Newburgh	Optical Ground Wire	OPGW - Pelzer to F8 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 the 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 - Chisney 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- Parcel-In-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	17202701E16023	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 2699	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 A85 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	
14055093	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	