

CEI South
Electric TDSIC Plan Projects

Maximo Work Order Number	Grade/Power Plant Number	ABM	OC	City	TDSIC Program	Maximo Short Description	Previous Planned Year as of 4/26/21	Current Planned Year	Planned Year Variance Commentary	Original Settlement Estimate	Previous Final Capital Estimate as of 4/26/2021	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	17585401156305	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	underground Cable replace in Shady Hills	2018	2018							OK				-8%	Y		
13633201	17585401156271	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 800 Amp Live Front SWGR PMH-9	2019	2019							OK				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						OK	Switchgear was determined to be "dead front" not "in-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	17585401156286	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2019	2019							OK				2%	Y		
13703453	17585401156274	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						OK	Switchgear was determined to be "dead front" not "in-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	17585401156283	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Replace 600 Amp Live Front SWGR PMH-9	2018	2018							OK				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						OK	Switchgear was determined to be "dead front" not "in-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	18385401156240	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Sugar Mill Creek Apt Phase I - Cable Repl	2018	2018							OK				-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	17585401156280	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable REPL in Dale Haven Estates Ph II	2018	2018							OK				4%	Y		
13739266	17585401156287	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Cable Replacements and Looping	Underground Cable REPL in Dale Haven Estates Ph III	2018	2018							OK				2%	Y		
13506116	18385401156218	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	700' of 1PH underground to back feed Artesian Well	2018	2018							OK				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 800 Amp Live Front SWGR PMH-9	2018	2018	Project cancelled in Period 2						OK	Switchgear was determined to be "dead front" not "in-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	18385401156219	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Underground Cable Replacements and Looping	Lakewood Place Cable REPL	2018	2018							OK				-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	17585401156230	Elec System Improve - Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable replace in Christmas Lake Phase 2	2018	2018							OK				-14%	Y		
13506079	17585401156229	Elec System Improve - Distr TDSIC	Rockport	Rockport	Underground Cable Replacements and Looping	Hodges SUBD Hwy 161 Richmond City	2018	2018							OK				12%	Y		
13519181	17585401156231	Elec System Improve - Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable replace in Christmas Lake Phase 3	2018	2018							OK				-16%	Y		
13616706	17585401156227	Elec System Improve - Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable replace in Christmas Lake Phase 5	2018	2018							OK				-15%	Y		
13685494	17585401156225	Elec System Improve - Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable REPL in Christmas Lake Phase 1	2018	2018							OK				-5%	Y		
13736293	17585401156228	Elec System Improve - Distr TDSIC	Rockport	Santa Clause	Underground Cable Replacements and Looping	Underground Cable REPL in Christmas Lake Phase 4	2018	2018							OK				-13%	Y		
13503439	17585401156220	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Civic circuits 1 2 3 underground Phase I	2018	2018							OK				13%	Y		
13503442	18385401156233	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Mulberry circuits 1 2 3 underground Phase I	2018	2018							OK				-14%	Y		
13504053	17585401156304	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	Replace Net Trans CM-22 City County Building Civic 2	2018	2018							OK				14%	Y		
13614242	17585401156292	Elec System Improve - Distr TDSIC	Evansville	Evansville	Underground Network Upgrades	replace Net Trans CM-22 300A Station N2	2018	2018							OK				13%	Y		
13950611		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Underground Replacements	Convert Ex-Inline switch to a GOAB D2433	2018	2018	Project cancelled in Period 2						OK	Switch was determined to be a GOAB Switch, replaced outside of the TDSIC program				0%	Cancelled	

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1390615		Elec System Improve - Distr TDSIC	Boonville	Newburgh	Understudy Replacements	Convert to inline switch to a GOAB 02178	2018	2018	Project cancelled in Period 2					0%	Switch was determined to be a GOAB Switch, replace outside of the TDSIC program			0%	Cancelled		
1390618		Elec System Improve - Distr TDSIC	Evansville	Evansville	Understudy Replacements	Convert to inline switch to a GOAB 01066	2018	2018	Project cancelled in Period 2					0%	Switch was determined to be a GOAB Switch, replace outside of the TDSIC program			0%	Cancelled		
1380599		Elec System Improve - Distr TDSIC	Boonville	Rockport	Understudy Replacements	convert d1755 to a GOAB - TENNYSOON-FOLSOMVILLE	2018	2018	Project cancelled in Period 2					0%	Switch was determined to be a GOAB Switch, replace outside of the TDSIC program			0%	Cancelled		
13505847	1758540156398	Elec System Improve - Distr TDSIC	Evansville	Evansville	Understudy Replacements	convert d1432 to a GOAB-KATZVILLE 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	1758540156388	Elec System Improve - Distr TDSIC	Evansville	Evansville	Understudy Replacements	convert d1282 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	1758540156395	Elec System Improve - Distr TDSIC	Evansville	Evansville	Understudy Replacements	convert d1410 to a GOAB-NORTH PARK-KATZVILLE 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	1758550156330	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	Understudy 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	585477001	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 multi-unit projects			0%	Cancelled		
13625686	1520270113013	Elec Substation - Trans TDSIC	Boonville	Newburgh	System Protection Relay Upgrades	Relay replacement-Galley 281-1	2019	2019						0%				29%	Y	Engineering completed internally leading to cost savings. Construction costs were also less due to using internal labor	
14153364	1758540156300	Elec System Improve - Distr TDSIC	Evansville	Evansville	4W Conversions	First Ave & Lightfoot circuit CONV (lightfoot 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	
13905613	1720270116602	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL-Mohr Rd T1 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	
13905636	1720270116603	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL-Mohr Rd T1 388 288	2018	2018						0%				2%	Y		
14034549	1720270116605	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay replacement-East Ind.488	2018	2018						0%				5%	Y		
14035074	1720270116605	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	
14312343	1720270116600	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay Replacement Fair Rd 488	2018	2018						0%				7%	Y		
13519166	1858560156212	Elec System Improve - Distr TDSIC	Boonville	Rockport	12KV Circuit Rebuilds and Looping	TENNYSOON circuit 3PH replace copper Ph II	2019	2019						0%				-8%	Y		
13506028	1858540156221	Elec System Improve - Distr TDSIC	Evansville	Newburgh	12KV Circuit Rebuilds and Looping	Extend the Venetian circuit N.30 Oak Grove Rd	2019	2019						0%				-16%	Y		
13518825	1858540156261	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	BACLINE RD circuit 3PH replace copper conduct	2019	2019						0%				-32%	Y	Actual cost of material was higher than estimate	
13518876	1858540156260	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	Relocate OH 1PH for accessibility	2019	2019						0%				-12%	Y		
13518968	1858540156217	Elec System Improve - Distr TDSIC	Evansville	Evansville	12KV Circuit Rebuilds and Looping	BROADWAY 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 location. These both led to lower productivity which resulted in higher labor costs	
13519148	1858540156220	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	1858550156220	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	1858540156220	Elec System Improve - Distr TDSIC	Francisco	Winslow	12KV Circuit Rebuilds and Looping	WINDLOW circuit 3PH replace copper Ph I	2019	2019						0%				-13%	Y		
13505896	1858550156221	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	Red Geranium-Replace underground PH I	2019	2019						0%				11%	Y		
13519107	1858550156220	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	1858550156222	Elec System Improve - Distr TDSIC	Mt. Vernon	Mt. Vernon	12KV Circuit Rebuilds and Looping	3 PH circuit Tie between Murns 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	1858550156214	Elec System Improve - Distr TDSIC	Mt. Vernon	Evansville	12KV Circuit Rebuilds and Looping	UNION TOWNSHIP circuit 3PH replace 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	
13501024	1858540156214	Elec System Improve - Distr TDSIC	Rockport	Stendel	12KV Circuit Rebuilds and Looping	Lake Heinrich Village SUBD - all feed	2019	2019						0%				-2%	Y		
13503764	1858540156214	Elec System Improve - Distr TDSIC	Evansville	Evansville	4W Conversions	Bennighoff Ave circuit Conversion (Auburn Sub) PH I	2019	2019						0%				-19%	Y		
13505815	1858540156216	Elec System Improve - Distr TDSIC	Evansville	Evansville	4W Conversions	Fares Ave circuit Conversion (Auburn Sub)	2019	2019						0%				-6%	Y		
13519120	1858540156264	Elec System Improve - Distr TDSIC	Evansville	Evansville	4W 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 location. These both led to lower productivity which resulted in higher labor costs	
13516136	1858540156231	Elec System Improve - Distr TDSIC	Evansville	Evansville	4W 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 location resulting in higher labor cost. 1500' of 3PH was reinductored 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	1858540156265	Elec System Improve - Distr TDSIC	Evansville	Evansville	4W Conversions	Bayard Park circuit Conversion (Auburn Sub) PH II	2019	2019						0%				-20%	Y	Additional labor was required due to heavy traffic through project site and the need for hydrovac or hand digging based on the location	
13997149	1858540156266	Elec System Improve - Distr TDSIC	Evansville	Evansville	4W 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 location. The 45' project overlapped this area resulting in multiple mobilizations. These led to lower productivity which resulted in higher labor costs	
13997171	1858540156215	Elec System Improve - Distr TDSIC	Evansville	Evansville	4W Conversions	Bennighoff Ave circuit Conversion (Auburn Sub) PH I	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 location	

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13997187	185840156216	Elec System Improve - Distr TDSIC		Evansville	44V Conversions	Banfield Ave circuit Conversion (Auburn Sub) PHII	2019	2019						0%					-12%	Y	
14080650	17202701318044	Elec Substation - Distr TDSIC		Evansville	44V 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 work, as well as labor due to resource constraints. Required relay work at Angel Mounds and Heidebach 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	185840156232	Elec System Improve - Distr TDSIC		Evansville	44V 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 hydroexcavating or hand digging based on the location. These both led to lower productivity which resulted in higher labor costs
14013043	185840156267	Elec System Improve - Distr TDSIC		Evansville	44V 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 hydroexcavating or hand digging based on the location
13997129		Elec System Improve - Distr TDSIC		Evansville	Distribution Automation	2019-Distribution Automation #1: Division Street and Governor circuits	2022	2022						0%					100%	N	
13997136		Elec System Improve - Distr TDSIC		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	155840156242	Elec System Improve - Distr TDSIC		Evansville	Distribution Automation	2019-Distribution Automation #3: Theater Drive and Lynch Rd circuits	2019	2019						0%					-18%	Y	
13997201	155840156248	Elec System Improve - Distr TDSIC		Evansville	Distribution Automation	2019-Distribution Automation #5: MT Auburn and Barker circuits	2019	2019						0%					-15%	Y	
14160813	185840156227	Elec System Improve - Distr TDSIC		Boonville	Distribution Capacitor Replacements	Bowling Alley circuit - capacitor upgrade	2019	2019						0%					1%	Y	
13501017	175840156273	Elec System Improve - Distr TDSIC		Evansville	Distribution Capacitor Replacements	Ellenwood 2 circuit - capacitor upgrade	2019	2019						0%					14%	Y	
13501060	185840156234	Elec System Improve - Distr TDSIC		Evansville	Distribution Capacitor Replacements	Highland circuit - capacitor upgrade	2019	2019						0%					29%	Y	Labor was less due to utilization of in-house crews
13501226	185840156233	Elec System Improve - Distr TDSIC		Evansville	Distribution Capacitor Replacements	Krausville Road circuit - capacitor upgrade	2019	2019						0%					22%	Y	Labor was less due to utilization of in-house crews
13501755	185840156274	Elec System Improve - Distr TDSIC		Evansville	Distribution Capacitor Replacements	McCutchanville circuit - capacitor upgrade	2019	2019						0%					-21%	Y	Actual cost of material was higher than estimate
13501795	185840156262	Elec System Improve - Distr TDSIC		Evansville	Distribution Capacitor Replacements	Midswell 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
13501923	185840156230	Elec System Improve - Distr TDSIC		Evansville	Distribution Capacitor Replacements	St. Joseph AVE circuit - capacitor upgrade	2019	2019						0%					12%	Y	
13518801	185840156226	Elec System Improve - Distr TDSIC		Evansville	Distribution Capacitor Replacements	Barber AVE circuit - capacitor upgrade	2019	2019						0%					14%	Y	
13518826	185840156254	Elec System Improve - Distr TDSIC		Evansville	Distribution Capacitor Replacements	Baseline Road circuit - capacitor upgrade	2019	2019						0%					-14%	Y	
13518986	185840156256	Elec System Improve - Distr TDSIC		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	185840156257	Elec System Improve - Distr TDSIC		Evansville	Distribution Capacitor Replacements	Epworth circuit - capacitor upgrade	2019	2019						0%					8%	Y	
13519136	185840156255	Elec System Improve - Distr TDSIC		Evansville	Distribution Capacitor Replacements	HWY 57 circuit - capacitor upgrade	2019	2019						0%					-11%	Y	
13519144	185840156263	Elec System Improve - Distr TDSIC		Evansville	Distribution Capacitor Replacements	Mary 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	185840156253	Elec System Improve - Distr TDSIC		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	18202701318021	Elec Substation - Trans TDSIC		Rockport	Instrument Transformer Replacements	Newtownville 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	ML Vernon	ML Vernon	Substation Arrestor Replacements	Replace arresters MT VERNON MAIN transformer 2 towards Forecath-Brown	2019	2019	Project cancelled in Period 3					0%	The 41V circuits are being converted to 12kV and the transformers will be retired. This will cause the arresters change out to no be needed				0%	Cancelled	
14080678		Elec Substation - Trans TDSIC	ML Vernon	ML Vernon	Substation Arrestor Replacements	Replace arresters MT VERNON MAIN-12 Highside-Portcath-Brown	2019	2019	Project cancelled in Period 3					0%	The 41V circuits are being converted to 12kV and the transformers will be retired. This will cause the arresters change out to no be needed				0%	Cancelled	
13964151	15202701318029	Elec Substation - Distr TDSIC	ML Vernon	ML Vernon	System Protection Relay Upgrades	AutoSec - 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	18202701318038	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Circuit Breaker Replacements	Broadview Sub SWGS #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	18202701318039	Elec Substation - Trans TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	LYNNVILLE 377 - 4859348	2019	2019						0%					-46%	Y	Labor and material costs were higher than estimate due to remodeling of conduits requiring new cable trench
13965603	18202701318039	Elec Substation - Trans TDSIC	Boonville	Boonville	Substation Circuit Breaker Replacements	LYNNVILLE 477 - 4859349	2019	2019						0%					-40%	Y	Labor and material costs were higher than estimate due to remodeling of conduits requiring new cable trench
13965908		Elec Substation - Trans TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	OHIO RIVER STATION 216 - 4859358	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	
13966366	18202701318035	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SLAUGHTER AVENUE 100 - 4859358	2019	2019						0%					20%	Y	Labor came in under on bids due to efficiencies of handling multiple projects together at the same location. Material costs were also slightly less than estimated

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Maximo Work Order Number	Order/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 Final 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 (New 10/31/21)	Actual \$ Variance	Actual % Variance	Project Complete (Y or N)?	Actual Variance Commentary
13966167	18202701116013	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SLAUGHTER AVENUE 388 - 4858079	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	18202701116015	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SLAUGHTER AVENUE 488 - 4858073	2019	2019							0%				20%	Y	Labor came in under on bids due to efficiencies of handling multiple projects together at the same location. Material costs were also slightly less than estimated.
13966187	18202701116015	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SLAUGHTER AVENUE 588 - 4858078	2019	2019							0%				20%	Y	Labor came in under on bids due to efficiencies of handling multiple projects together at the same location. Material costs were also slightly less than estimated.
13966189	18202701116015	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 handling multiple projects together at the same location. Material costs were also slightly less than estimated.
13966194	18202701116022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SMYTH SUBSTATION 188 - 4852161	2019	2019							0%				12%	Y	
13966195	18202701116022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SMYTH SUBSTATION 288 - 4858833	2019	2019							0%				12%	Y	
13966196	18202701116022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SMYTH SUBSTATION 388 - 4858825	2019	2019							0%				12%	Y	
14078807	18202701116022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SMYTH SUBSTATION 100 - 4859714	2019	2019							0%				12%	Y	
14038806	18202701116022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Circuit Breaker Replacements	SMYTH SUBSTATION 488 - 4858824	2019	2019							0%				12%	Y	
13964188	18202701116018	Elec Substation - Distr TDSIC	Boonville	Newburgh	Substation Transformer Replacements	BROADVIEW T1 - CDS751-5-1	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	18202701116016	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	18202701116015	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 handling multiple projects together at the same location. Material costs were also slightly less than estimated.
13966191	18202701116015	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 handling multiple projects together at the same location. Material costs were also slightly less than estimated.
13966198	18202701116022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SMYTH SUBSTATION T1 - UB52338-1	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	18202701116022	Elec Substation - Distr TDSIC	Evansville	Evansville	Substation Transformer Replacements	SMYTH 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.
13684601	17202701116014	Elec Substation - Distr TDSIC	Rockport	Rockport	Supervisory Control and Data Acquisition Upgrades	Distribution SCADA - Grandview	2018	2018							0%				19%	Y	
14034485	19202701118015	Elec Substation - Trans TDSIC	Boonville	Newburgh	System Protection Relay Upgrades	Relay replacement-Culley 69KV Sub Transfer	2019	2019							0%				-11%	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	19202701118014	Elec Substation - Trans TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Relay REPL-Northeast 281-2	2019	2019							0%				12%	Y	
14034903	19202701118012	Elec Substation - Distr TDSIC	Evansville	Evansville	System Protection Relay Upgrades	Fairview 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	19202701118012	Elec Substation - Trans TDSIC	Fort Branch	Holland	System Protection Relay Upgrades	Relay REPL-Duff 284-3 278-1	2019	2019							0%				-16%	Y	
14034454	19202701118011	Elec Substation - Trans TDSIC	Francisco	Wintrow	System Protection Relay Upgrades	Relay replacement-Cato 284-3 Y39	2019	2019							0%				-0%	Y	
13964351	18202701116029	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 loads (not the entire working) and we will have a switchgear replacement in the future planned work.			0%	Cancelled	
13966088	18202701118020	Elec Substation - Trans TDSIC	Evansville	Evansville	Transmission Capacitor Replacements	Pigeon Creek capacitor Bank - install 33.6 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%	AutoSect - Garvin Y51-2 requires an Auto-sectionalizing controls package due to project (Maximo # 3751962) Garvin Substation Mod for Loop Feeds, where we installed 69KV breakers for each terminal entering the substation. The 69KV breakers allow for each individual 69KV line segment from Garvin substation to be isolated.			0%	Cancelled	
13751940	19202701116027	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	182027011158013	Elec System Improve - Trans TDSIC	Boonville	Boonville	Transmission Line Looping	Y56 Loop-Boonville & Boonville-Pioneer Sub-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	18202701116019	Elec Substation - Distr TDSIC	Evansville	Evansville	Transmission Line Looping	Berry Plastic Sub MCO 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	182027011158014	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	182027011158021	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 Heidebach-Angel Mounds) for field efficiencies.
13751997	182027011158012	Elec System Improve - Trans TDSIC	Boonville	Boonville	Transmission Line Rebuilds	Y68 Rebuild Lynville Meter to Lynville (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	172027011158023	Elec System Improve - Trans TDSIC	Evansville	Evansville	Transmission Line Rebuilds	285 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 Maximo Work Order 14351119.
13503369	18545401156243	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 backpay 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.