DIRECT TESTIMONY OF CICELY M. HART
VICE PRESIDENT – CUSTOMER DELIVERY REGION SUPPORT
DUKE ENERGY BUSINESS SERVICES, LLC
ON BEHALF OF DUKE ENERGY INDIANA, LLC
CAUSE NO. 44720 TDSIC-9 BEFORE THE
INDIANA UTILITY REGULATORY COMMISSION

I. INTRODUCTION

Q. PLEASE STATE YOUR NAME AND CURRENT BUSINESS ADDRESS.

A. My name is Cicely M. Hart, and my business address is 1000 East Main Street, Plainfield, Indiana.

Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?

A. I am employed as Vice President – Customer Delivery Region Support by Duke Energy Business Services, LLC, a service company subsidiary of Duke Energy Corporation, and a non-utility affiliate of Duke Energy Indiana, LLC ("Duke Energy Indiana" or "Company").

Q. PLEASE BRIEFLY DESCRIBE YOUR EDUCATIONAL AND PROFESSIONAL BACKGROUND.

A. I received a Bachelor of Science Degree in Electrical Engineering from Purdue University and a Master's Degree in Business Administration from Indiana Wesleyan University. I began my career at Cinergy Corp. as a System Protection Engineer in 2001 and have held a variety of positions of increasing responsibility across Duke Energy in the areas of transmission and distribution engineering. I was appointed Midwest Vice President for Customer Delivery Engineering in

March 2018 and currently lead the Region Support organization. I am a registered Professional Engineer in both Indiana and Ohio.

Q. PLEASE BRIEFLY DESCRIBE YOUR DUTIES AND RESPONSIBILITIES AS VICE PRESIDENT – CUSTOMER DELIVERY REGION SUPPORT.

A. My current team's responsibilities include distribution engineering and, for subdivision and complex customer projects, geospatial information systems for customer and reliability projects in Duke Energy's Midwest service territory. My team designs projects in compliance with state and federal requirements, including corporate standards, work methods and safe work practices. I am also accountable for reliability improvement metrics and project management.

Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS PROCEEDING?

A. My testimony will (1) provide an overall update on Duke Energy Indiana's request for relief in this proceeding, including a summary of the overall request for recovery; (2) confirm that Duke Energy Indiana's requests in this proceeding are in compliance with the TDSIC statute; and (3) provide information related to the in-service investment for the Distribution System Circuit Improvements portion of the Transmission and Distribution Infrastructure Improvement Plan ("T&D Plan").

II. OVERVIEW AND ADDITIONAL BACKGROUND INFORMATION

Q. DOES THIS FILING COMPLY WITH THE TDSIC STATUTE?

A. Yes. In Cause No. 44720, the Commission approved Duke Energy Indiana's 7-year T&D Plan under Indiana Code § 8-1-39-10 ("Section 10") and cost recovery pursuant to Indiana Code § 8-1-39-9 ("Section 9"). In this proceeding, Duke Energy Indiana is seeking cost recovery pursuant to Section 9 using the rate recovery mechanism approved by the Commission in Cause No. 44720 and the recent retail rate case in Cause No. 45253.

Q. ARE YOU AWARE OF ANY AMENDMENTS TO THE TDSIC STATUTE?

A. Yes. The TDSIC statute was amended during the 2019 legislative session, via House Bill 1470, to allow a utility to add new projects in its Section 9 plan update filings and to include projects that are based on planning criteria and inspections, as well as other changes. House Bill 1470 was signed by Governor Holcomb on April 24, 2019.

Q. DO YOU BELIEVE THESE CHANGES IMPACT THE COST RECOVERY SOUGHT IN THIS PROCEEDING?

A. Not directly. Duke Energy Indiana believes all of its currently approved TDSIC projects were appropriately within the TDSIC statute. However, the amendment makes it more explicit that programs such as our Ground Line Treatment/Pole Replacement programs are appropriately included.

Q. PLEASE PROVIDE A HIGH-LEVEL OVERVIEW OF THE TESTIMONY BEING PRESENTED IN THIS PROCEEDING.

A. My testimony provides an overview of the updated cost Duke Energy Indiana is requesting for recovery associated with the T&D projects placed in-service by the end of calendar year 2020. I will also provide support and detail regarding the scope, engineering, capital costs, and operation and maintenance ("O&M") costs of the Distribution System Circuit Improvement portion of the T&D Plan placed in-service during 2020. Petitioner's witness Mr. Martin D. Dickey will provide similar support and detail regarding the Distribution Substation, Transmission Substation, and Transmission Line portions of the T&D Plan. The testimony of Petitioner's witness Ms. Maria T. Diaz will explain the ratemaking used and sponsor new rates using actual costs for projects in-service by the end of 2020 and forecasted costs from the Company's T&D Plan as filed in Cause No. 44720 TDSIC-8 ("TDSIC-8") and pending before the Commission.

Q. DO YOU HAVE ANY PRELIMINARY ITEMS YOU'D LIKE TO ADDRESS ABOUT THE COMPANY'S EXHIBITS?

A. Yes. Similar to past testimony, many of the exhibits are organized by FERC account. FERC accounts are important for the Company's T&D plan because there are different ratemaking impacts based on whether costs are charged to a Distribution function FERC account or a Transmission function FERC account, so many of our exhibits will present totals for each FERC function.

Q. DURING 2020 WERE YOU DIRECTLY RESPONSIBLE FOR THE DISTRIBUTION SYSTEM CIRCUIT IMPROVEMENT PORTION OF THE T&D PLAN?

A. Yes. I had leadership responsibility for the Distribution System Circuit Improvement portion of the T&D Plan except for the distribution system circuit under-build which is physically attached to our Transmission infrastructure. These projects align with the Transmission business responsibilities, thus are managed by our Transmission team led by Mr. Martin D. Dickey. Although my team has personal responsibility for the Distribution System Circuit Improvement portion of the T&D Plan, I am also providing our policy testimony regarding the entirety of the T&D Plan. Mr. Dickey has management responsibility for the Distribution Substation, Transmission Substation, and Transmission Line portions of the T&D Plan, and he will provide detailed testimony on those portions of the T&D Plan.

Q. CAN YOU PROVIDE A HIGH-LEVEL OVERVIEW OF THE COMPANY'S PERFORMANCE ON THE TDSIC PROGRAM FOR 2020?

A. Yes. After the first five years of the T&D Plan execution, Duke Energy Indiana is on track to deliver the customer value proposed, with the completed improvements, at the cost approved by the Commission and as agreed to in the Cause No. 44720 Settlement Agreement ("TDSIC Settlement"). As of December 31, 2020, for all T&D projects placed in-service during 2020, actual capital costs incurred for the entire T&D Plan were approximately 5% lower than estimated in our TDSIC-8 Plan, including use of contingency and under-run. O&M costs associated with the calendar year 2020 in-service projects were 3% over our TDSIC-8 Plan. Refer to Petitioner's Exhibit 1-A (CMH).

Q. ARE EACH OF THE PROJECTS IDENTIFIED IN YOUR T&D PLAN ELIGIBLE PROJECTS UNDER INDIANA CODE § 8-1-39-2?

A. Yes. Each of the projects undertaken has been for the purpose of safety, reliability, or system modernization. The projects being implemented are per the plan approved by the Commission and as previously confirmed to meet the requirements of Indiana Code § 8-1-39-2.

Q. ARE ANY OF THE PROJECTS ALREADY IN DUKE ENERGY INDIANA'S RATE BASE?

A. Yes, the T&D plan improvements completed as of the end of 2020 were included in Duke Energy Indiana's rate base with the recent retail rate case in Cause No. 45253. The pre-filed direct testimony of Maria T. Diaz discusses Rider 65 ratemaking and the recent retail rate case wherein the in-service T&D plan projects were moved into base rates.

Q. ARE ANY PROJECTS DUPLICATED WITHIN THE TRANSMISSION AND DISTRIBUTION PLAN?

A. No. Each project is unique within the T&D Plan and there are no duplicates.

Q. CAN YOU COMMENT BRIEFLY ON THE CADENCE OF DUKE ENERGY INDIANA'S TDSIC RECOVERY FILINGS?

A. Yes. In this filing, Duke Energy Indiana is submitting its request for rate recovery associated with the costs that continue to be tracked in this rider related to the projects placed into service from January 1, 2019 through December 31, 2020 (and additional costs for projects placed in-service in prior years). In the Fall of

2021, Duke Energy will file its TDSIC-10 filing which will provide a full plan update to its T&D Plan through 2022. Duke Energy Indiana plans to follow this schedule for the remainder of the T&D Plan (*i.e.*, Spring filing is for rate recovery for projects placed in-service during the prior calendar year period, and the Fall filing is for plan updates).

Q. WHAT IS THE MANAGEMENT AND OVERSIGHT STRUCTURE FOR THE TDSIC PROGRAM AT DUKE ENERGY INDIANA?

A. Duke Energy Indiana continues to apply and follow a similar management system as described in our previous filings.

Q. DOES DUKE ENERGY INDIANA USE ANY INDUSTRY BEST PRACTICES IN MANAGING SUCH A LARGE PORTFOLIO OF WORK?

A. Yes. Duke Energy Indiana continues to apply Association for the Advancement of Cost Engineering ("AACE") standards and our own Duke Energy Project Management Center of Excellence ("PMCoE") guidelines for managing our seven-year T&D Plan. AACE is recognized internationally as the technical authority in cost and schedule management for programs, projects, products, assets, and services.

Q. CAN YOU PLEASE EXPLAIN THE DIFFERENCE BETWEEN DISCRETE PROJECT AND INSPECTION-BASED PROJECT ESTIMATES INCLUDED IN THE APPROVED T&D PLAN?

A. Yes. As described in previous filings, it is important to re-emphasize the difference in how "discrete" projects and "inspection-based" projects are

estimated due to the risk of cost variances. All projects other than inspection-based projects are considered a discrete project.

Within the Transmission and Distribution Improvement Plans, there are two types of discrete projects, Reliability and Distribution Automation/IVVC. Our reliability-based projects involve repair or replacement of existing aging assets. Often, we used our Transmission Asset Management data or our Geospatial Information System ("GIS") to identify the location and number of projects or units. Typically, the GIS identified projects are subject to less unit variance. If there is a variance, it is normally driven by the accuracy level of the GIS. The second type, Distribution Automation/ IVVC, involves the installation of new assets.

Within the Transmission and Distribution Improvement Plans, there are three types of inspection-based projects. These include Ground Line Treatment ("GLT"), Surface Mounted Equipment Inspections ("SMEI"), and Capacitor Changeouts. Different from the discrete projects, the volume of units is directly related to the condition of the equipment within the area being inspected.

Q. IS THERE AN ESTIMATING ACCURACY DIFFERENCE BETWEEN DISCRETE PROJECTS VERSUS INSPECTION-BASED PROJECTS?

A. Yes. As described in previous filings, per the plan agreed to in the TDSIC Settlement and approved by the Commission, discrete projects are mostly AACE Class 2 and Class 3 for the upcoming year, and inspection-based projects are Class 4 for the upcoming year. However, due to the nature of the inspection-

based projects and unit cost estimates based on historical averages, Duke Energy Indiana considers these estimates equivalent to an AACE Class 3.

The following is a refresher of the AACE Estimate Class Estimates:

- Class 2 - Engineering 30% to 70% complete, detailed unit cost, -15% to +20% estimating accuracy.
- Class 3 – Engineering 10% to 40% complete, semi-detailed unit cost, -20% to +30% estimating accuracy.
- Class 4 – Engineering 1% to 15% complete, parametric models from historical cost estimates, -30% to +50% estimating accuracy.

III. OVERALL T&D PLAN ACHIEVEMENT

Q. CAN YOU PLEASE DESCRIBE THE OVERALL PROGRESS ON THE ENTIRE T&D PLAN FOR 2020?

A. Yes. Duke Energy Indiana executed the 2020 T&D Plan within scope, schedule and budget. The additional capital investment in calendar year 2020 for in-service projects for the T&D Plan was $174.3 million, compared to the $208.3 million estimate for 2020 filed in our TDSIC-8 plan update. At the end of the fifth year of the seven-year T&D Plan, our cumulative investment in-service plan is $910.5 million, compared to the 2020 cumulative cap of $928.1 million per the TDSIC Settlement, or 1.9% under cap. For more details on cost recovery and the cumulative cap, see Petitioner's Exhibits 1-B (CMH), 1-C (CMH) and the testimony of Maria T. Diaz. Further, Petitioner's witness Mr. Martin D. Dickey will provide support and detail regarding the Distribution Substation,

Transmission Substation, and Transmission Line portions of the T&D Plan. Through the five years, we remain on track to deliver equal or greater customer value for the seven-year capital cost of $1.408 billion.

Q. DOES DUKE ENERGY INDIANA PROJECT IT WILL BE ABLE TO COMPLETE ITS SEVEN-YEAR PLAN ON TIME AND WITHIN THE APPROVED SETTLEMENT CAP?

A. Yes, we have refined the T&D Plan to account for changes in labor and material costs and, at this time, we have confidence that we will deliver on our updated T&D Plan commitment. In our updated T&D Plan reflected in Petitioner's Exhibit 1-A in TDSIC-8 and included with the TDSIC-9 Petition as Attachment 1, we are on track to deliver equal or greater customer value for the seven-year capital cost of $1.408 billion. We often move projects from year to year and to or from the alternate list, as our priorities adjust. This will continue year after year as we continue to optimize our T&D Plan. Additionally, as we manage cost increases, our contingency has decreased with the TDSIC Settlement cumulative caps. As expected with a seven-year project life cycle, the approved contingency has been fully allocated or accounted for within the estimate refinement process over the remaining years of the plan for estimate uncertainty and execution risks. More information regarding the purpose and use of contingency is provided later in my testimony in Section VI.

Q. PLEASE EXPLAIN THE OVERALL DUKE ENERGY INDIANA STRATEGY TO ASSURE PLAN PERFORMANCE ON TDSIC.

A. As described in our TDSIC-8 submission, our history and experience demonstrate that to maximize the customer benefits, place all assets in service, and meet our approved settlement cap, our annual work plan must be slightly over-ramped to achieve the in-service target approved in the TDSIC Settlement. This also translates to a corresponding capital overspend to achieve our annual settlement cap due to inherent actual spend versus in-service lag primarily associated with project close out and invoice timing. To accomplish our commitments, our plan must also allow for adjustments associated with both anticipated and unanticipated project delays. These adjustments require changes to our annual plan spending levels to allow for these project delays. Examples may include things like storms that impact our local service area, off-system storm deployments, vendor material delays, postponed or shifting planned outage schedules, resource challenges, technology changes, and standards changes. In conclusion, all these factors must be considered as part of our project management and TDSIC oversight strategy to assure we are maximizing plan performance and benefits to our customers.

Q. BRIEFLY TOUCH ON ANY SIGNIFICANT ITEMS THAT HAVE IMPACTED COMPLETION OF THE 2020 WORK PLAN.

A. There are two items that merit some discussion for Distribution: the COVID Pandemic and 2020's historic storm season. First, Duke Energy, like the rest of the nation, had workforce limitations due to COVID-19. This was especially impactful in the last quarter of 2020, as Indiana's case count rose, and Duke

Energy had several internal and contract crews that contracted the virus. This was further exacerbated by the crews released to off-system storms, increasing their exposure to the virus. Policies were further adjusted whereby when one crew member was ill or showing symptoms, the entire crew was quarantined causing work delays and impacting final completion of the plan for certain work streams.

The second item was major storm support for storms during the most active Atlantic hurricane season with the highest number of named storms on record. Additionally, we had a large number of on-system storms. As part of our Company's responsibility to our customers, we deployed resources several times to assist in storm restoration, leading to a reallocation of 5.3% of Distribution's total labor hours. While these factors have impacted the 2020 investments, we have made necessary schedule adjustments for 2021 and 2022 to keep the 7-year plan intact.

IV. DISTRIBUTION SYSTEM CIRCUIT IN-SERVICE INVESTMENTS

Q. HAS DUKE ENERGY INDIANA PROVIDED THE IN-SERVICE COST FOR DISTRIBUTION SYSTEM CIRCUIT PROJECTS COMPLETED IN THE T&D PLAN DURING 2020?

A. Yes. The in-service cost information can be found in Petitioner's Exhibit 1-B (CMH) at an aggregate level. A more detailed level view of updated costs estimates for the Distribution System Circuit Improvements are provided as Petitioner's Confidential Exhibit 1-D (CMH). Finally, the most detailed cost

breakdown level of cost information for every project in the Distribution System Circuit Improvement portion of the Plan has been provided as Petitioner's Confidential Exhibit 1-E (CMH).

Q. WERE ALL PROJECTS COMPLETED IN 2020 WITHIN THE T&D WORK PLAN APPROVED BY THE COMMISSION?

A. Yes. We are executing the T&D Plan as approved by the Indiana Utility Regulatory Commission. We are executing the T&D Plan as agreed to in the TDSIC Settlement and as approved by the Commission. While there have been some standards improvements, movement between years, and priority changes, the overall scope and intent of the T&D Plan has not changed.

Q. WERE ALL PROJECTS WITHIN THE 2020 DISTRIBUTION SYSTEM CIRCUIT IMPROVEMENT PLAN COMPLETED AS PLANNED?

A. No. As reasonable and expected, some individual work orders within projects have been advanced or delayed based on typical conditions (*i.e.,* customer requests, outage delays, weather, difficult access, etc.); however, the majority of the work was completed in 2020. Long duration cable-based projects scheduled for the fourth quarter were the most impacted by delays previously discussed in the above testimony. These projects either completed in first quarter of 2021 or have been carried forward to future months due to scheduling delays. Overall, projects for the Distribution System Circuit Improvement plan are on track per the plan update provided in the TDSIC-8 filing.

Q. ARE ANY COSTS FROM IN-SERVICE PROJECTS PRIOR TO 2020 INCLUDED IN THE TDSIC-9 RECOVERY FILING?

A. Yes. In 2020, nineteen projects have work orders that have received further charges or credits primarily due to normal business accounting rules associated with invoicing timing, reconciliation, etc. This is expected and will continue throughout the life of the TDSIC work plan. See Petitioner's Exhibit 1-C (CMH), and Confidential Exhibits 1-F (CHM) and 1-G (CMH).

Q. WAS ANY APPROVED FUTURE DISTRIBUTION SYSTEM CIRCUIT IMPROVEMENT SCOPE ADVANCED INTO 2020 FROM FUTURE YEARS?

A. Yes. Per the flexibility established by the Settlement Agreement, Duke Energy Indiana has moved units from within approved projects between years.

V. DISTRIBUTION SYSTEM CIRCUIT PROJECT COST VARIANCES

Q. PLEASE BRIEFLY TOUCH ON THE COMPANY'S ACTUAL 2020 DISTRIBUTION SYSTEM CIRCUIT IN-SERVICE INVESTMENTS COMPARED TO THE UPDATED FORECAST PROVIDED IN TDSIC-8.

A. At year-end 2020, the actual total investment for projects in service minus costs for carryover projects was $71.7 million. The forecast associated with the set of projects that were in-service between January 1 and December 31, 2020 is $77.3 million, for a total variance for Distribution System Circuit projects of 7% under forecast. See Petitioner's Exhibit 1-A (CMH).

Q. WERE THERE ANY OVERALL FACTORS THAT DROVE VARIANCES WITHIN THE DISTRIBUTION SYSTEM CIRCUIT PLAN FOR 2020?

A. Yes. At an individual project level, there are multiple factors that can drive cost variances, such as outage constraints, labor costs, and material availability. In 2020 Duke Energy Indiana worked to enhance contract strategies with our external crews, specifically we reduced approval of time and equipment hours, and overtime hours. Additionally, enhanced material processes improved accuracy and material stewardship leading to increased efficiency and less downtime for crews.

Q. HAS DUKE ENERGY INDIANA SPECIFICALLY IDENTIFIED THE VARIANCES FOR 2020 DISTRIBUTION SYSTEM CIRCUIT IMPROVEMENT PROJECTS?

A. Yes. Even though the distribution system circuit improvement overall portfolio of projects were under our estimates for 2020, there were individual projects that have larger variances. Variance explanations are provided in Petitioner's Confidential Exhibit 1-D (CMH).

Q. FOR THIS FILING, WHICH PROJECT TYPES CONTAINED LARGER VARIANCES IN THE DISTRIBUTION SYSTEM CIRCUIT IMPROVEMENT PORTFOLIO?

A. There are four items worthy of mentioning for this filing: 1) Deteriorated Conductor, 2) GLT, 3) Line Sensor Stand Alone, and 4) End of Line Voltage

Sensors. For the filing, all of these projects were under their filed estimates. See Petitioner's Confidential Exhibit 1-D (CMH).

Q. PLEASE EXPLAIN WHAT DROVE VARIANCES IN THESE PROJECTS.

A. The underspend on these projects is driven primary by labor. As mentioned above the enhanced contract strategies with external crews reduced approval of time and equipment hours and overtime hours. Improved material processes increased accuracy and material stewardship leading to compounded efficiency and less downtime for crews. See Petitioner's Confidential Exhibit 1-D (CMH).

VI. CONTINGENCY AND CAPS

Q. PLEASE EXPLAIN THE PURPOSE OF CONTINGENCY AND WHY IT IS IMPORTANT.

A. By AACE definition, contingency is an amount added to an estimate to allow for items, conditions, or events for which the state, occurrence, or effect is uncertain and that experience shows will likely result, in aggregate, in additional costs. Duke Energy is using contingency to manage estimate uncertainty and risk that may result in a cost increase.

Q. WHY IS IT APPROPRIATE TO USE CONTINGENCY AND UNDER-RUN FOR PROJECT OVERAGES?

A. Per the approved T&D Plan, contingency was included in the total project category estimates as per AACE recommended practices. Contingency is added to the base cost estimates of the project to cover estimate uncertainty and risk. Duke Energy Indiana is applying its contingency to projects with larger variances.

With the use of the approved contingency and under-run, Duke Energy Indiana remains within 20% maximum variance for all projects that were placed in-service in 2020.

Q. HOW HAS DUKE ENERGY INDIANA APPLIED THE CONTINGENCY AND UNDER-RUN TO THE DISTRIBUTION SYSTEM CIRCUIT IMPROVEMENT PROJECTS THAT WENT IN-SERVICE IN 2020?

A. In previous years, contingency and under-run was applied to projects with increases greater than 20% to bring them to within 20% as required for Class 2 estimating standards. In 2020, distribution projects were either met or were under their projected estimates. Please see Petitioner's Confidential Exhibit 1-D (CMH).

Q. CAN YOU EXPLAIN HOW THE VARIANCES, CONTINGENCY, AND YEARLY CAPS AS AGREED TO IN THE SETTLEMENT OPERATE TOGETHER?

A. Yes. Our methodology and approach stated in prior TDSIC filings remains consistent and unchanged. Due to the Settlement Agreement cumulative caps by year, Duke Energy Indiana cannot request recovery of any more costs than what was agreed to by year in the Settlement Agreement. The following example was given in our settlement testimony in Cause No. 44720: "For example, if Duke Energy Indiana spent only $81.8 million in 2016, then in 2017 Duke Energy Indiana could spend $213.7 million plus $10 million carried forward from 2016; conversely, if Duke Energy Indiana spent $111.8 million in 2016, then Duke Energy Indiana would only put through the TDSIC Rider 80% of the capital

associated with $91.8 million for 2016, and retain the ability to move $20 million into a future year of the Plan as long as the cumulative capital cost as adjusted is not exceeded in any year. In addition, the Settling Parties agree that Duke Energy Indiana should have the flexibility to move projects from one year to another within the 7-year Plan." See Cause No. 44720, Petitioner's Exhibit 9 at p. 9.

Contingency dollars are used for estimate uncertainty and risk and are allocated to projects when needed. Given the annual / cumulative caps, any unutilized project variances between actual annual costs and the caps will be carried to subsequent years and used to offset future negative project variances or pull forward additional projects from the alternate list.

Q. HAVE YOU ESTIMATED THE AMOUNT OF 2020 UNUTILIZED COSTS UNDER THE SETTLEMENT CAP THAT WILL BE CARRIED FORWARD TO 2021 AND BEYOND?

A. Yes, based on 2020 actual in-service cost, $17.6 million of unused cap will be carried over to future years. This amount is the difference between the approved cumulative 2020 Settlement cap of $928.1 million and the 2020 cumulative in-service investments of $910.5 million. See Petitioner's Exhibit 1-B (CMH).

VII. PROJECT OPERATION & MAINTENANCE EXPENSE

Q. PLEASE EXPLAIN WHAT O&M EXPENDITURES HAVE BEEN APPROVED TO BE INCLUDED IN THE T&D PLAN.

A. Our methodology for recoverable O&M has not changed from what was included in previous filings. In Cause No. 44720 and subsequent filings, Duke Energy

Indiana included project related O&M expenditures in its estimated T&D Plan. These are O&M expenses that are directly related to T&D capital projects. We did not include, for instance, stand-alone O&M projects that were not caused by or directly related to a T&D Plan capital project. The TDSIC Settlement provided for recovery of this type of project-related O&M as did the IURC Order in the recent retail rate case in Cause No. 45253.

Q. HAVE THERE BEEN ANY SIGNIFICANT CHANGES TO THE ESTIMATED O&M THAT WAS SUBMITTED TO THE COMMISSION IN CAUSE NO. 44720 TDSIC-6?

A. No.

VIII. SETTLEMENT AGREEMENT REPORTING OBLIGATIONS

Q. HAS DUKE ENERGY INDIANA PROVIDED THE REQUIRED IVVC REPORT AS DETAILED IN THE SETTLEMENT AGREEMENT?

A. Yes. Duke Energy Indiana began reporting in the Fall of 2020 in TDSIC-8. See Cause No. 44720 TDSIC-8 Direct Testimony of Cicely M. Hart, pp. 27-28.

IX. 7-YEAR DISTRIBUTION SYSTEM CIRCUIT IMPROVEMENT PLAN

Q. HAS DUKE ENERGY INDIANA PROVIDED A COMPREHENSIVE LIST OF EACH PROJECT AND THEIR RESPECTIVE VARIANCES?

A. Yes. Duke Energy Indiana provided that document as part of its workpapers. See Petitioner's Confidential Exhibit 1-E (CMH) and Confidential Workpaper 1-CMH.

Q. HAS DUKE ENERGY INDIANA PROVIDED A BLACK & VEATCH RISK PROFILE UPDATE?

A. Yes. Duke Energy Indiana provided Black & Veatch analysis as part of TDSIC-8. See Cause No. 44720 TDSIC-8 Direct Testimony of Cicely M. Hart, pp. 20-21 and Petitioner's Exhibit 1-E (CMH).

X. DUKE ENERGY INDIANA HAS MET STATUTORY REQUIREMENTS

Q. HAS DUKE ENERGY INDIANA PROVIDED AN UPDATE TO ITS 7-YEAR PLAN AS REQUIRED BY INDIANA CODE § 8-1-39-9?

A. Yes. The updated T&D Plan was provided in the TDSIC-8 filing on October 28, 2020 and is pending before the Commission. Additionally, the attached exhibits reflect our progress update on that plan to date. Our next full T&D Plan update will be included in our TDSIC-10 filing planned for the Fall of 2021.

Q. DOES THE PUBLIC CONVENIENCE AND NECESSITY REQUIRE THE DISTRIBUTION IMPROVEMENTS INCLUDED IN DUKE ENERGY INDIANA'S UPDATED PLAN?

A. Yes. The eligible improvements will serve the public convenience and necessity as described in Duke Energy Indiana's case-in-chief in Cause No. 44720. There has been no change in scope from the approved plan.

Q. ARE THE IN-SERVICE COSTS OF THE ELIGIBLE IMPROVEMENTS INCLUDED IN THE T&D PLAN JUSTIFIED BY THE INCREMENTAL BENEFITS ATTRIBUTABLE TO THE PLAN?

A. Yes. The estimated costs are per the plan agreed to in the Settlement and as approved by the Indiana Utility Regulatory Commission. We are within the range of initial cost estimates and as we complete our workplan, the expected benefits immediately flow to our customers.

XI. CONCLUSION

Q. WERE PETITIONER'S EXHIBITS 1-A (CMH) THROUGH 1-C (CMH) AND CONFIDENTIAL EXHIBITS 1-D (CMH) THROUGH 1-G (CMH) PREPARED BY YOU OR AT YOUR DIRECTION?

A. Yes, they were.

Q. DOES THIS CONCLUDE YOUR PREFILED TESTIMONY?

A. Yes, it does.

PETITIONER'S EXHIBIT 1-A (CMH)
IURC Cause No. 44720 TDSIC-9

Summary of Actuals vs. Estimates by Functional Category
In-service 1/1/20 - 12/31/20

		Capital						O&M			
Function	**Project Category**	**Actuals (In-Service Investments)[1]**	**Filed TDSIC-8 Plan (In-Service Investments)2**	**Contingency and Under-Run Applied[3]**	**Filed TDSIC-8 Plan with Contingency and Under-Run Applied**	**Actual vs. Filed TDSIC-8 Plan Variance**	**% Variance**	**Actuals (In-Service Investments)**	**Filed TDSIC-8 Plan (In-Service Investments)2**	**Actual vs. Filed TDSIC-8 Plan Variance**	**% Variance**
Distribution	Distribution System Circuit Improvements	71,685,689	77,260,653	-	77,260,653	5,574,964	7%	9,716,449	9,128,799	(587,650)	-6%
	Distribution System Substation Improvements	41,861,022	43,883,867	-	43,883,867	2,022,845	5%	20,480	45,239	24,760	55%
Distribution Total		**113,546,711**	**121,144,520**	**-**	**121,144,520**	**7,597,809**	**6%**	**9,736,928**	**9,174,038**	**(562,890)**	**-6%**
Transmission	Transmission System Line Improvements	25,252,047	24,641,398	13,577	24,654,974	(597,072)	-2%	888,150	1,126,589	238,440	21%
	Transmission System Substation Improvements	33,090,401	34,210,611	-	34,210,611	1,120,210	3%	1,185	(0)	(1,185)	0%
Transmission Total		**58,342,448**	**58,852,009**	**13,577**	**58,865,585**	**523,137**	**1%**	**889,335**	**1,126,589**	**237,255**	**21%**
Total		**171,889,159**	**179,996,529**	**13,577**	**180,010,105**	**8,120,947**	**5%**	**10,626,263**	**10,300,628**	**(325,635)**	**-3%**

1. 2020 actuals do not include carryover for projects placed in service in prior years, with costs carried into 2020.
2. Only includes projects from TDSIC-8 Plan that went into service in 2020 and excludes Contingency.
3. Contingency and Under-Run applied to capital Actuals exceeding the filed TDSIC-8 Plan by more than 20%; application of Contingency and Under-Run bring variance to 20%. Contingency and Under-Run applied at the Filing Project level.

PETITIONER'S EXHIBIT 1-B (CMH)
IURC Cause No. 44720 TDSIC-9

Cumulative Summary by Functional Category
1/1/16 - 12/31/20

		Capital						O&M				
Function	**Project Category**	**2016 (TDSIC-2) In-Service Investments**	**2017 (TDSIC-4) In-Service Investments**	**2018 (TDSIC-6) In-Service Investments**	**2019 In-Service Investments**	**2020 (TDSIC-9) Actual In-Service Investments[1]**	**Cumulative In-Service Investments through 2020**	**2016 (TDSIC-2) In-Service Investments**	**2017 (TDSIC-4) In-Service Investments**	**2018 (TDSIC-6) In-Service Investments**	**2019 In-Service Investments**	**2020 (TDSIC-9) Actual In-Service Investments[1]**
Distribution	Distribution System Circuit Improvements	46,721,064	86,123,335	80,350,572	112,916,236	70,927,760	397,038,967	10,297,458	13,552,192	12,713,389	11,985,172	9,912,622
	Distribution System Substation Improvements	2,925,014	33,087,571	47,455,999	35,771,702	42,614,949	161,855,234	26,798	89,369	(61,935)	8	20,480
Distribution Total		**49,646,078**	**119,210,906**	**127,806,571**	**148,687,938**	**113,542,709**	**558,894,202**	**10,324,256**	**13,641,560**	**12,651,455**	**11,985,179**	**9,933,102**
Transmission	Transmission System Line Improvements	21,819,113	57,776,645	60,666,842	50,886,697	27,275,617	218,424,914	1,028,201	4,434,411	2,897,625	1,569,605	879,894
	Transmission System Substation Improvements	9,056,871	19,020,468	52,765,342	18,881,933	33,453,852	133,178,466	203,580	229,980	7,714	3,666	1,185
Transmission Total		**30,875,984**	**76,797,113**	**113,432,183**	**69,768,630**	**60,729,469**	**351,603,379**	**1,231,781**	**4,664,391**	**2,905,339**	**1,573,271**	**881,079**
Total		**80,522,062**	**196,008,019**	**241,238,754**	**218,456,568**	**174,272,177**	**910,497,581**	**11,556,037**	**18,305,951**	**15,556,794**	**13,558,451**	**10,814,181**
	Cumulative Settlement CAP						**928,100,000**					

1. 2020 Actual Recovery includes project in service carryover dollars from prior years.

PETITIONER'S EXHIBIT 1-C (CMH)
IURC Cause No. 44720 TDSIC-9

Summary by Functional Category
2020 Recovery for Projects In-service by 12/31/20

		Capital					O&M				
Function	**Project Category**	**Filed TDSIC-8 Plan Update**	**Filed TDSIC-8 Plan (In-Service Investments)1**	**2020 Actuals (In-Service Investments)**	**Prior Year In-Service Investments' Current Year Carryover Value**	**Total Recovery TDSIC-9**	**Filed TDSIC-8 Plan Update**	**Filed TDSIC-8 Plan (In-Service Investments)1**	**2020 Actuals (Related to In-Service Investments)**	**Prior Year In-Service Investments' Current Year Carryover Value**	**Total Recovery TDSIC-9**
Distribution	Distribution System Circuit Improvements	93,567,524	76,578,028	71,685,689	(757,929)	70,927,760	10,315,116	9,375,835	9,716,449	196,174	9,912,622
	Distribution System Substation Improvements	48,118,335	46,147,184	41,861,022	753,927	42,614,949	188,469	45,239	20,480	-	20,480
Distribution Total		**141,685,859**	**122,725,213**	**113,546,711**	**(4,002)**	**113,542,709**	**10,503,585**	**9,421,075**	**9,736,928**	**196,174**	**9,933,102**
Transmission	Transmission System Line Improvements	31,634,003	25,986,927	25,252,047	2,023,570	27,275,617	955,518	679,889	888,150	(8,256)	879,894
	Transmission System Substation Improvements	34,990,730	43,662,469	33,090,401	363,451	33,453,852	2,562	2,562	1,185	-	1,185
Transmission Total		**66,624,733**	**69,649,396**	**58,342,448**	**2,387,021**	**60,729,469**	**958,080**	**682,451**	**889,335**	**(8,256)**	**881,079**
Total		**208,310,593**	**192,374,609**	**171,889,159**	**2,383,019**	**174,272,177**	**11,461,664**	**10,103,526**	**10,626,263**	**187,918**	**10,814,181**

1. Only includes projects from TDSIC-8 Plan that were placed in service in 2020 and estimated carryover for projects placed in service in prior years, also included in the TDSIC-8 Plan, and excludes Contingency.

PETITIONER'S EXHIBIT 1-D (CMH)
IURC Cause No. 44720 TDSIC-9

Summary by Functional Category - D Line by Project Category
In-service 1/1/20 - 12/31/20

		Capital						
Project Category	**Distribution Line Details**	**Actuals (In-Service Investments)**	**Filed TDSIC-8 Plan (In-Service Investments)[1]**	**Contingency and Under-Run Applied[2]**	**Filed TDSIC-8 Plan with Contingency and Under-Run Applied**	**Actual vs. Filed TDSIC-8 Plan Variance**	**% Variance**	**Comments**
Distribution System Circuit Improvements	34.5 kV Automation						-7%	
	Capacitor Changeout						0%	
	Capacitor Cutout/Oil to Vacuum Switch Replacement				0		0%	
	Declared Circuits						11%	
	Deteriorated Conductor						25%	The underspend is driven primary by labor. Enhanced contract strategies with external crews reduced approval of T&E hours and overtime hours. Additionally, enhanced material processes improved accuracy and material stewardship leading to increased efficiency and less downtime for crews.
	General Switchgear Replacement						14%	
	Ground Line Pole Replacement (GLT)						24%	The underspend is driven primary by labor. Enhanced contract strategies with external crews reduced approval of T&E hours and overtime hours. Additionally, enhanced material processes improved accuracy and material stewardship leading to increased efficiency and less downtime for crews.
	Hydraulic Recloser Replacement						8%	
	Limited Access Road Crossing Upgrade						30%	Amount of overage is immaterial.
	Line Sensors (Stand Alone)						15%	The underspend is driven primary by labor. Enhanced contract strategies with external crews reduced approval of T&E hours and overtime hours. Additionally, enhanced material processes improved accuracy and material stewardship leading to increased efficiency and less downtime for crews.
	Live Front Transformer Replacement						5%	
	Recloser Controls Upgrades / Replacement						-1%	
	Sectionalization						2%	
	Self-Healing Teams						-15%	
	Surface Mounted Equipment Follow-up (SMEI)						6%	
	Three Phase Switch Replacement				0		0%	
	Ungrounded 34.5 KV Delta Capacitor Bank Oil Switch				0		0%	
	Underground Cable Replacement						11%	
	Underground Cable Injection				0		0%	
	Capacitor Automation (Non-IVVC and IVVC)						9%	
	Circuit Conditioning Capacitor						-1%	
	Circuit Conditioning Regulator						-2%	
	Circuit Conditioning Reconductor						4%	
	Line Voltage Regulator Controls Replacement						10%	

	End of Line Voltage sensors	[redacted]	[redacted]		[redacted]	[redacted]	35%	2020 was the first year for this scope of work and does not have the benefit of historical values. The average underspend on material was $2,800 per work order, leading to a 28% underspend from the estimate. Enhanced material processes improved accuracy and material stewardship leading to increased efficiency and less downtime for crews. Additionally, enhanced contract strategies with external crews reduced approval of T&E hours and overtime hours.
	Dist System Costs Assoc with Trans Line Improvements						-6%	
Grand Total		**71,685,689**	**77,260,653**	**0**	**77,260,653**	**5,574,964**	**7%**	

		O&M					
Project Category	*Distribution Line Details	Actuals (In-Service Investments)	Filed TDSIC-8 Plan (In-Service Investments)[1]		Actual vs. Filed TDSIC-8 Plan Variance	% Variance	Comments
Distribution System Circuit Improvements	34.5 kV Automation	[redacted]	[redacted]	[redacted]	[redacted]	-55%	Amount of overage is immaterial.
	Capacitor Changeout	[redacted]	[redacted]	[redacted]	[redacted]	64%	O&M was estimated as a percentage of Capital spend. The percentage was based on a historical percentage provided by Engineering and Finance. However, since it is an inspection-based project, the O&M actually charged to the project can vary depending upon what is found in the field, thereby causing a variance between actual O&M compared to estimated O&M. Line also includes Capacitor Inspections that are performed annually. Majority of variance is drvien by lower actual costs associated with performance of inspections
	Declared Circuits	[redacted]	[redacted]	[redacted]	[redacted]	22%	Amount of underspend is immaterial.
	Deteriorated Conductor	[redacted]	[redacted]	[redacted]	[redacted]	-114%	Amount of overage is immaterial.
	General Switchgear Replacement	[redacted]	[redacted]	[redacted]	[redacted]	55%	Amount of underspend is immaterial.
	Ground Line Pole Replacement (GLT)	[redacted]	[redacted]	[redacted]	[redacted]	-125%	While the number of units completed decreased, the number of inspections remained constant, therefore, the cost of inspections per unit increased significantly, leading to the increase in actual O&M.
	Hydraulic Recloser Replacement	[redacted]	[redacted]	[redacted]	[redacted]	-3%	
	Limited Access Road Crossing Upgrade	[redacted]	[redacted]	[redacted]	[redacted]	75%	Amount of underspend is immaterial.
	Line Sensors (Stand Alone)	[redacted]	[redacted]	[redacted]	[redacted]	62%	Amount of underspend is immaterial.
	Live Front Transformer Replacement	[redacted]	[redacted]	[redacted]	[redacted]	97%	Amount of underspend is immaterial.
	Recloser Controls Upgrades / Replacement	[redacted]	[redacted]	[redacted]	[redacted]	62%	Amount of underspend is immaterial.
	Sectionalization	[redacted]	[redacted]	[redacted]	[redacted]	-8%	
	Self-Healing Teams	[redacted]	[redacted]	[redacted]	[redacted]	47%	Several of the large projects included more reconductor than typical self-healing projects. Reconductor has significantly less O&M associated with it than traditional self-healing scope, leading to the underspend.
	Surface Mounted Equipment Follow-up (SMEI)	[redacted]	[redacted]	[redacted]	[redacted]	46%	Amount of underspend is immaterial.
	Three Phase Switch Replacement	[redacted]		[redacted]	[redacted]	0%	
	Ungrounded 34.5 KV Delta Capacitor Bank Oil Switch	[redacted]		[redacted]	[redacted]	0%	
	Underground Cable Replacement	[redacted]	[redacted]	[redacted]	[redacted]	75%	Amount of underspend is immaterial.
	Capacitor Automation (Non-IVVC and IVVC)	[redacted]	[redacted]	[redacted]	[redacted]	45%	Work processes were improved to coordinate work, in more detail, between replacing cells and switches which led to a reduction in Cap Automation O&M expendatures
	Circuit Conditioning Capacitor	[redacted]	[redacted]	[redacted]	[redacted]	2%	
	Circuit Conditioning Regulator	[redacted]	[redacted]	[redacted]	[redacted]	16%	Amount of underspend is immaterial.
	Circuit Conditioning Reconductor	[redacted]	[redacted]	[redacted]	[redacted]	17%	Amount of underspend is immaterial.
	Line Voltage Regulator Controls Replacement	[redacted]	[redacted]	[redacted]	[redacted]	37%	Amount of underspend is immaterial.
	End of Line Voltage sensors	[redacted]	[redacted]	[redacted]	[redacted]	12%	
	Dist System Costs Assoc with Trans Line Improvements	[redacted]	[redacted]	[redacted]	[redacted]	-22%	Amount of overage is immaterial
	GIS Project	[redacted]	[redacted]	[redacted]	[redacted]	-13%	
Grand Total		9,716,449	9,128,799		-99,959	-1%	

1. Only includes projects from TDSIC-8 Plan that did go into service in 2020 and excludes Contingency.
2. Contingency and Under-Run applied to capital Actuals exceeding the filed TDSIC-8 Plan by more than 20%; application of Contingency and Under-Run bring variance to 20%. Contingency and Under-Run only applied at the Filing Project level.

PETITIONER'S EXHIBIT 1-E (CMH)
IURC Cause No. 44720 TDSIC-9

Details by Functional Category - D Line by Project Category by Project
Investments for Projects Placed In-Service during 2020

			Captial						O&M			
			Actual	Estimate			Variance		Actual	Estimate	Variance	
Distribution Line Details	Project ID CB	Project Short Descr CB	TDSIC-9 Recovery Value for Investments Placed In-Service During 2020	Filed TDSIC-8 Plan (In-Service Investments)[1]	Contingency and Under-Run Applied[2]	Filed TDSIC-8 Plan with Contingency and Under-Run Applied	Actual vs. Filed TDSIC-8 Plan Variance	% Variance	Recovery Value for Investments Placed In-Service During 2020	Filed TDSIC-8 Plan (Related to In-Service Investments)1	Actual vs. Filed TDSIC-8 Plan Variance	% Variance
34.5 kV Automation	MX8459611	TDSIC 34 5kV AUTOMATION PROJECT UNG						4%		-	-	
	MX1668698	34.5kV Automation Worthington 3466			-			1%				18%
	MX0193105	34.5kV Automation Dresser 3401						6%				3%
	MX8381756	TDSIC 34 5kV AUTOMATION PROJECT UNG						1%				3%
	MX8710566	TDSIC 34 5kV AUTOMATION PROJECT UNG						-2%				3%
	MX5316243	TDSIC 34 5kV AUTOMATION PROJECT UNG						39%		-		
	MX8381797	TDSIC 34 5kV AUTOMATION PROJECT UNG		-		-				-		
34.5 kV Automation Total								-7%				-55%
Capacitor Changeout	CAPIN	Capacitor Inst/Rem						100%				95%
	IS5RCR	Capacitor Changeout - TDSIC			-	-						
	ICAPINSX	Capacitor Inspections				-	-					
	MX2864821	TDSIC-CAPACITOR BANK REPLACE - HMI-				-					-	
Capacitor Changeout Total								0%				64%
Capacitor Cutout/Oil to Vacuum Switch Replacement	IS5OTV	Capacitor Oil to Vac Sw Rpl TDSIC				-					-	
Capacitor Cutout/Oil to Vacuum Switch Replacement Total				-		-			-	-	-	
Declared Circuits	MX2303587	Declared Circuit-Spencer 230kv (250						-2%			-	0%
	MX8631458	TDSIC-PROACTIVE REPLACEMENT (MATERI						-1%			-	0%
	MX8631466	TDSIC-PROACTIVE REPLACEMENT (MATERI						0%			-	0%
	MX8631214	TDSIC-PROACTIVE REPLACEMENT (MATERI			-		-	0%		-	-	
	I5D631487	S5DEC 8631487 Dillman Rd						30%				23%
	MX8631252	TDSIC-PROACTIVE REPLACEMENT (MATERI						-1%				-4%
	MX8631488	TDSIC-PROACTIVE REPLACEMENT (MATERI					-	0%			-	0%
	MX8631492	TDSIC-PROACTIVE REPLACEMENT (MATERI						31%				79%
Declared Circuits Total								11%				22%
Deteriorated Conductor	MX8620512	TDSIC-PROACTIVE REPLACEMENT SECTION						2%				3%
	MX8620509	TDSIC-PROACTIVE REPLACEMENT SECTION						-1%				-5%
	MX8620521	TDSIC-PROACTIVE REPLACEMENT SECTION						25%		-		
	MX8620513	TDSIC-PROACTIVE REPLACEMENT SECTION						36%				7%
Deteriorated Conductor Total								25%				-114%
General Switchgear Replacement	ISWGINSX	OM Switchgear UG Insp				-	-					
	MX6622778	TDSIC REPLACMENT SWITCHGEAR						2%		-	-	
	MX6622815	TDSIC REPLACMENT SWITCHGEAR						-4%		-	-	
	MX4232070	TDSIC SWITCHGEAR REPLACEMENT SG-1,						29%		-	-	
	MX4231914	TDSIC SWITCHGEAR REPLACEMENT SG-2,						4%		-	-	
	I5G641603	SWG 8641603 #2 Smith Rd 1235						6%				100%
	I5G641604	SWG 8641604 Smith Rd 1235						-24%				100%
	MX4231179	TDSIC GEN SWITCHGEAR REPLACEMENT CA						28%				100%
	MX4226005	TDSIC SWITCHGEAR REPLACEMENT						35%				100%
	MX5511387	SG #3 Whitehall Pike (601) 1261						9%				100%
	I5G641597	SWG 8641597 Morse Res 1223						21%				76%
	MX3217194	TDSIC SWITCHGEAR REPLACEMENT						32%				100%
	MX4231349	TDSIC GEN SWITCHGEAR REPLACEMENT SP						32%				100%

	MX4232170	TDSIC SWITCHGEAR REPLACEMENT SG-3,						16%				100%
General Switchgear Replacement Total								**14%**				**55%**
Ground Line Pole Replacement (GLT)	GLPRDIN	Pole Repl Gnd Line-D						100%				100%
	IS5RLP	Pole Inspect Based Pole Repl-TDSIC				-						
	IPOLINSX	OM Pole Inspections				-	-					
	IS5PLEIR	IK-Emergency Pole Repl. Insp Based				-						
	IS5PLOTH	Oth UOP Replace Pol Insp FU TDSIC				-						
	IS5POLRN	Pole Reinforcements TDSIC				-						
Ground Line Pole Replacement (GLT) Total								**24%**				**-125%**
Hydraulic Recloser Replacement	RCLIN	Recloser Inst/Rem						100%				93%
	IS5RRR	Electronic Reclose Replc-TDSIC				-						
	MX8642352	TDSIC HYDRAULIC RECLOSER REPLACED W				-					-	
	MX8642335	HYDRAULIC RECLOSER REPLACED WITH IN				-					-	
	MX8642200	MXCONV-Hydraulic Recloser Changeout				-						
	MX8642336	TDSIC HYDRAULIC RECLOSER REPLACED W				-						
	MX8642334	TDSIC HYDRAULIC RECLOSER REPLACED W				-					-	
	MX8642230	Hydraulic Recloser Changeout (ELECT				-					-	
	MX5539062	Hydraulic Recloser Changeout ELLETT				-						
	MX8642349	TDSIC HYDRAULIC RECLOSER REPLACED W				-					-	
	MX8642350	TDSIC HYDRAULIC RECLOSER REPLACED W				-						
Hydraulic Recloser Replacement Total								**8%**				**-3%**
Limited Access Road Crossing Upgrade	MX8628979	TDSIC INTERSTATE ACCESS ROAD CROSSS						100%				100%
	MX8630897	TDSIC INTERSTATE ACCESS ROAD CROSSS						19%				100%
	MX8628981	TDSIC INTERSTATE ACCESS ROAD CROSSS						21%				88%
	MX8628982	TDSIC INTERSTATE ACCESS ROAD CROSSS						65%				83%
	MX8628983	TDSIC INTERSTATE ACCESS ROAD CROSSS						56%				61%
	MX8630901	TDSIC INTERSTATE ACCESS ROAD CROSSS						-48%				97%
	MX8631320	TDSIC INTERSTATE ACCESS ROAD CROSSS						42%				17%
Limited Access Road Crossing Upgrade Total								**30%**				**75%**
Line Sensors (Stand Alone)	LINESENIN	Line Sensor Inst for 1PH - 3PH						15%				62%
Line Sensors (Stand Alone) Total								**15%**				**62%**
Live Front Transformer Replacement	LVFRTIN	Upgrade Live Front Transformers						228%			-	
	IS5RTR	Live Front Transformers Rplc-TDSIC			-	-					-	
	MX8634932	MXCONV-LIVE FRONT TRANSFORMER REPLA						9%			-	0%
	I5R618666	RTR 8618666 NC 138 12KV 1221					-	0%		-	-	
	MX8637814	MXCONV-LIVE FRONT TRANSFORMER REPLA						2%			-	0%
	I5R624859	RTR 8624859 Clifty Creek					-	0%		-	-	
	MX8634888	MXCONV-LIVE FRONT TRANSFORMER REPLA						3%		-	-	
	MX8634889	MXCONV-LIVE FRONT TRANSFORMER REPLA						1%		-	-	
	I5R624874	S5RTR 8624874 Meadow Park						41%				101%
	I5R624876	S5RTR 8624876 Meadow Park						70%				101%
	I5R624877	S5RTR 8624877 Meadow Park			-			19%				101%
	MX8638421	MXCONV-LIVE FRONT TRANSFORMER REPLA						0%				100%
Live Front Transformer Replacement Total								**5%**				**97%**
Recloser Controls Upgrades / Replacement	MX8634548	TDSIC - ELECTRONIC RECLOSER REPLAC						1%			-	0%
	MX8634549	TDSIC - ELECTRONIC RECLOSER REPLAC			-			-2%			-	0%
	I5E634531	ER 8634531 BLM Smith Rd 1232						4%			-	0%
	MX5339045	ELECTRONIC RECLOSER REPLACEMENT~MAR						-9%				100%
Recloser Controls Upgrades / Replacement Total								**-1%**				**62%**
Sectionalization	MX8822564	MXCONV-TH MARGARET AVE 591~1204~CIR						-2%			-	0%
	I5R168975	S5RFS 9168975 1404 New Al						3%				-12%
	MX8647828	TDSIC INSTALL SECTIONALIZING DEVICE						12%			-	0%
	I5R504276	CS 7504276 Hartleyville 1261						0%			-	0%

	MX8647547	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	1%	[redacted]	[redacted]	-	0%
	MX8647647	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	3%	[redacted]	[redacted]	-	0%
	MX9168894	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	9%		-	-	
	MX8647739	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	-4%	[redacted]	[redacted]	-	0%
	MX8647751	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	2%	[redacted]	[redacted]	-	0%
	MX8647870	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	31%	[redacted]	[redacted]	-	0%
	MX8647919	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	0%	[redacted]	[redacted]	-	0%
	MX8647922	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	2%		-	-	
	I5R647525	CS 8647525 Cloverdale North	[redacted]		[redacted]	3%	[redacted]	[redacted]	-	0%
	I5R647548	CS 8647548 Kok Judson Pike 1296	[redacted]		[redacted]	-2%	[redacted]	[redacted]	-	0%
	MX8647921	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	12%	[redacted]	[redacted]	-	0%
	MX8647531	TDSIC Circuit Sect.	[redacted]		[redacted]	2%	[redacted]	[redacted]	-	0%
	I5R647498	CS 8647498 Batesville North 1210	[redacted]		[redacted]	1%	[redacted]	[redacted]	-	0%
	MX8647759	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	-1%	[redacted]	[redacted]	-	0%
	MX8647797	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	-1%	[redacted]	[redacted]	-	0%
	MX7504345	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	3%	[redacted]	[redacted]	[redacted]	3%
	MX8647918	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	-35%		-	-	
	MX8647802	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	5%	[redacted]	[redacted]	-	0%
	I5R647646	CS 8647646 Barnard 1201	[redacted]		[redacted]	1%	[redacted]	[redacted]	-	0%
	MX8647764	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	18%		-	-	
	MX8647663	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		-	0%		-	-	
	MX8647668	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	4%	[redacted]	[redacted]	-	0%
	MX8647669	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	0%	[redacted]	[redacted]	-	0%
	MX5806094	CIRCUIT SECTIONALIZATION~WESTFIELD	[redacted]		-	0%		-	-	
	MX8647833	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	9%	[redacted]	[redacted]	-	0%
	MX8647849	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	-2%		-	-	
	MX8647812	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	7%	[redacted]	-	[redacted]	
	MX8647763	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	7%	[redacted]	[redacted]	-	0%
	MX8647699	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	3%	[redacted]	[redacted]	[redacted]	-4%
	MX8647564	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	-3%	[redacted]	[redacted]	-	0%
	MX8647639	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	-1%	[redacted]	[redacted]	-	0%
	I5R647558	CS 8647558 NM 9th St 1223	[redacted]		[redacted]	3%	[redacted]	[redacted]	-	0%
	MX8647561	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	-2%	[redacted]	[redacted]	-	0%
	MX8647869	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	1%	[redacted]	[redacted]	-	0%
	MX8647887	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	3%	[redacted]	[redacted]	-	0%
	MX8647648	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	7%	[redacted]	[redacted]	-	0%
	MX8647640	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	I5R647509	CS 8647509 Brookville 1203	[redacted]		[redacted]	-4%	[redacted]	[redacted]	-	0%
	MX8647553	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	-1%	[redacted]	[redacted]	-	0%
	MX8647889	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	-1%	[redacted]	[redacted]	-	0%
	MX8647740	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8647830	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	0%	[redacted]	[redacted]	[redacted]	-3%
	MX8647670	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	1%		-	-	
	MX8723633	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		-	0%		-	-	
	MX8647554	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	-39%	[redacted]	[redacted]	[redacted]	-407%
	MX8647826	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8647749	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	2%	[redacted]	[redacted]	-	0%
	MX8647724	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	0%	[redacted]	[redacted]	-	0%
	I5R647545	CS 8647545 Washington St	[redacted]		[redacted]	22%	[redacted]	[redacted]	[redacted]	68%
	MX8647676	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	-524%	[redacted]	[redacted]	[redacted]	-1007%
	MX8647731	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	-4%	[redacted]	[redacted]	[redacted]	61%
	MX8647695	TDSIC INSTALL SECTIONALIZING DEVICE	[redacted]		[redacted]	27%	[redacted]	[redacted]	[redacted]	73%
	MX8647645	MXCONV-CIRCUIT SECTIONALIZATION~BAI	[redacted]		[redacted]	34%	[redacted]	[redacted]	[redacted]	85%

	I5R647522	CS 8647522 Clinton 1202						6%				46%
	I5R647526	CS 8647526 Conn 12th St 1231						30%				99%
	I5R647530	CS 8647530 Conn Southeast 1205						-1388%				-83491%
	MX8647588	TDSIC INSTALL SECTIONALIZING DEVICE						-9%				100%
	MX8647589	TDSIC INSTALL SECTIONALIZING DEVICE						18%				-256%
	MX8647666	TDSIC INSTALL SECTIONALIZING DEVICE						-7%				100%
	MX8647667	TDSIC INSTALL SECTIONALIZING DEVICE						48%				72%
	MX8647686	TDSIC INSTALL SECTIONALIZING DEVICE						-48%				21%
	MX8647689	TDSIC INSTALL SECTIONALIZING DEVICE						13%				-421%
	MX8647744	TDSIC INSTALL SECTIONALIZING DEVICE						-21%				36%
	MX8647748	TDSIC INSTALL SECTIONALIZING DEVICE						-14%				59%
	MX8647777	TDSIC INSTALL SECTIONALIZING DEVICE						13%				42%
	MX8647798	TDSIC INSTALL SECTIONALIZING DEVICE						44%				83%
	MX8647813	TDSIC INSTALL SECTIONALIZING DEVICE						5%				-73%
	MX8647814	TDSIC INSTALL SECTIONALIZING DEVICE						-9%				-31%
	MX8647837	TDSIC INSTALL SECTIONALIZING DEVICE						1%				-5%
	MX8647883	TDSIC INSTALL SECTIONALIZING DEVICE						58%				-27%
	MX8647884	TDSIC INSTALL SECTIONALIZING DEVICE						-26%				75%
	MX8647902	TDSIC INSTALL SECTIONALIZING DEVICE						4%				71%
	MX8883711	TDSIC INSTALL SECTIONALIZING DEVICE						10%				-88%
	MX8647691	TDSIC INSTALL SECTIONALIZING DEVICE				-						
	I5R647566	CS 8647566 Industrial Par				-					-	
Sectionalization Total								**2%**				**-8%**
Self-Healing Teams	MX8251688	MXCONV-SHT # 28~ DISTRIBUTION AUTOM						2%			-	0%
	MX8615359	TDSIC INSTALL OF SELF HEALING NEWTW						3%				2%
	MX4476534	Self-Healing Team 31 :: Carmel						-23%			-	0%
	MX4476899	Self-Healing Team 41 :: Bloomfield						21%		-	-	
	MX8615360	TDSIC INSTALL OF SELF HEALING NEWTW						-28%				74%
	MX4476757	Self-Healing Team 40 :: Bedford Fre						-19%				81%
	MX8615356	TDSIC INSTALL OF SELF HEALING NEWTW						-29%				71%
	MX8615361	TDSIC INSTALL OF SELF HEALING NEWTW						-14%				55%
Self-Healing Teams Total								**-15%**				**47%**
Surface Mounted Equipment Follow-up (SMEI)	SMFUIN	SMEI Indiana						100%				98%
	IS5SMF	Line Pat SMEI Insp Repl-TDSIC				-						
	IPADINSX	OM Padmount Inspections				-	-					
	IS5D1PH	1 PH Transformer Replace Dry-TDISC				-						
	IS5D3PH	3 PH Transformer Replace Dry-TDISC				-						
	IS5O1PH	1 PH Transformer Replac Leak-TDISC				-						
	IS5O3PH	3 PH Transformer Replac Leak-TDISC				-						
	MX5790438	TDSIC SMEI 2019 NON PRIORITY REPLAC				-					-	
Surface Mounted Equipment Follow-up (SMEI) Total								**6%**				**46%**
Three Phase Switch Replacement	MX3707521	TDSIC REPLACEMENT OF 3 PH SWITCHES				-					-	
	MX8621252	TDSIC REPLACEMENT OF 3 PH SWITCHES				-						
	MX8621279	TDSIC REPLACEMENT OF 3 PH SWITCHES				-					-	
	MX8620059	TDSIC REPLACEMENT OF 3 PH SWITCHES				-					-	
Three Phase Switch Replacement Total				-		-				-		
Ungrounded 34.5 KV Delta Capacitor Bank Oil Switch	MX2175580	TDSIC-REPLACE UNGROUNDED 34.5kV DE				-					-	
	MX2175255	TDSIC-REPLACE UNGROUNDED 34.5kV DE				-						
Ungrounded 34.5 KV Delta Capacitor Bank Oil Switch Total				-		-				-		
Underground Cable Replacement	MX2372869	UG Primary Cable Replacement; Mark						1%			-	0%
	I5R415621	UGC 8415621 Rogers 1203 2						1%				0%
	MX4008659	TDSIC REPLACEMENT OF PRIMARY UG 1/0						-18%		-	-	
	I5R670516	UGC 11670516 Hyde Park Subd						-21%			-	0%

	MX8594806	UG Primary Cable Replacement; Sprin				-8%			-	0%
	MX1720117	TDSIC REPLACEMENT OF PRIMARY UG 1/0				4%		-	-	
	MX8462058	UG Primary Cable Replacement; Sprin				-5%		-	-	
	MX5215941	TDSIC REPLACEMENT OF PRIMARY UG 1/0				-11%		-	-	
	MX7026360	UG Primary Cable Replacement; Lake				-7%		-	-	
	MX2260994	UG Primary Cable Replacement; Sweet			-	0%		-	-	
	MX7337186	UG Primary Cable Replacement; Union			-	0%		-	-	
	MX8461915	UG Primary Cable Replacement; Willo				0%		-	-	
	MX8707538	UG Primary Cable Replacement; Carri				-2%		-	-	
	MX8842843	UG Primary Cable Replacement; Long				19%		-	-	
	MX8462083	UG Primary Cable Replacement; Green				1%			-	0%
	MX6735540	UG Primary Cable Replacement; Stard				-2%			-	0%
	MX1567031	TDSIC REPLACEMENT OF PRIMARY UG 1/0				-24%			-	0%
	MX2487730	UG Primary Cable Replacement; Pleas				-11%			-	0%
	MX8708398	UG Primary Cable Replacement; Golf				-11%			-	0%
	MX8707871	UG Primary Cable Replacement; Brook				-20%		-	-	
	MX9367515	UG Primary Cable Replacement; Jacks				-6%		-	-	
	MX0138746	UG Primary Cable Replacement; Valco				3%		-	-	
	MX6275272	UG Primary Cable Replacement; Pleas				-11%		-	-	
	MX2453054	UG Primary Cable Replacement; River			-	0%			-	0%
	MX8853617	UG Primary Cable Replacement; Cargi				1%			-	0%
	MX2676189	UG Primary Cable Replacement; Pleas			-	0%		-	-	
	MX6735790	UG Primary Cable Replacement; Myren				-10%		-	-	
	MX6735720	UG Primary Cable Replacement; Bill				-74%			-	0%
	MX8595112	UG Primary Cable Replacement; Hornu	-		-			-		
	MX6391562	UG Primary Cable Replacement; Twyck				17%				100%
	MX0710670	TDSIC REPLACEMENT OF PRIMARY UG 1/0				26%				100%
	MX8853698	UG Primary Cable Replacement; Deer				39%				100%
	MX0709592	UG Primary Cable Replacement; Camel				2%				100%
	MX0079204	UG Primary Cable Replacement; Honey				33%				100%
	MX0814608	UG Primary Cable Replacement; Brarw				45%				100%
	MX0815000	UG Primary Cable Replacement; Woodf				23%				100%
	MX1719759	TDSIC REPLACEMENT OF PRIMARY UG 1/0				77%				6%
	MX2040590	UG Primary Cable Replacement; Pole				61%				100%
	MX2521421	UG Primary Cable Replacement; Pole				26%				99%
	MX6276186	UG Primary Cable Replacement; El Do				38%				97%
	MX6428175	UG Primary Cable Replacement; Unive				-8%				100%
	MX6573039	UG Primary Cable Replacement; West				18%				100%
	MX6755392	UG Primary Cable Replacement; Winsl				69%				100%
	MX6755451	UG Primary Cable Replacement; Fall				32%				100%
	MX6787158	UG Primary Cable Replacement; Norm				27%				100%
	MX6787204	UG Primary Cable Replacement; Polo				15%				100%
	MX7690989	UG Primary Cable Replacement; Winds				4670563794%		-	-	
	MX8134215	TDSIC REPLACEMENT OF PRIMARY UG 1/0				36%				100%
	MX8416570	MXCONV-CABLE REPLACEMENT - BLOOMING				73%				100%
	MX8461963	UG Primary Cable Replacement; Green				12%				100%
	MX8503956	UG Primary Cable Replacement; Hawth				-37%				100%
	MX8504080	UG Primary Cable Replacement; Star				-58%				100%
	MX8504178	UG Primary Cable Replacement; Elk P				35%				100%
	MX8594374	UG Primary Cable Replacement; Elm A				37%				100%
	MX8594702	UG Primary Cable Replacement; Briar				-66%				100%
	MX8708626	TDSIC REPLACEMENT OF PRIMARY UG 1/0				0%				100%
	MX9367190	UG Primary Cable Replacement; Cryst				83%				100%

Underground Cable Replacement Total			[redacted]			[redacted]	**11%**	[redacted]					**75%**
Underground Cable Injection	IS5UCINJ	Res Cable Injection - TDSIC	[redacted]			-	[redacted]				-		
	I5U651401	UG 8651401 URD 132-2624	[redacted]			-	[redacted]				-		
Underground Cable Injection Total			[redacted]	**-**		**-**	[redacted]	**-**	**-**	**-**			
Capacitor Automation (Non-IVVC and IVVC)	CAPAUTOIN	Capacitor Automation - Indiana		[redacted]		[redacted]	100%		[redacted]				100%
	IS5CAPAT	Capacitor Automation - TDSIC	[redacted]			-	[redacted]	[redacted]		[redacted]			
	MX8269326	MXCONV-CAPACITOR AUTOMATION - DANVI	[redacted]	-		-	[redacted]	[redacted]	-	[redacted]			
Capacitor Automation (Non-IVVC and IVVC) Total			[redacted]			[redacted]	**9%**	[redacted]					**45%**
Circuit Conditioning Capacitor	MX9169448	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	0%	[redacted]			-		0%
	I5C169440	CAP 9169440 Dillman Rd 1242	[redacted]			[redacted]	-	0%	[redacted]			-	0%
	I5C990970	CAP 8990970 New Castle "I	[redacted]			[redacted]	[redacted]	11%	[redacted]			-	0%
	MX9169472	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	-	0%	[redacted]			-	0%
	I5C169439	CAT 9169439 BLM Dillman R	[redacted]			[redacted]	[redacted]	0%	[redacted]			-	0%
	MX9169509	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	-5%	[redacted]			-	0%
	MX1288531	CIRCUIT CONDITIONING CAPACITOR~CLIN	[redacted]			[redacted]	[redacted]	3%	[redacted]			-	0%
	MX9169452	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	2%	[redacted]			-	0%
	I5C169476	S5CAP 9169476 Seymour Air	[redacted]			[redacted]	[redacted]	1%	[redacted]			[redacted]	0%
	MX8251017	MXCONV-CIRCUIT CONDITIONING CAPACIT	[redacted]			[redacted]	[redacted]	-1%	[redacted]			-	0%
	I5C383905	CAP 8383905 Honey Creek 1278	[redacted]			[redacted]	-	0%				-	
	MX9169510	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	0%	[redacted]			-	0%
	MX9169496	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	0%		-		-	
	MX9169514	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	-7%	[redacted]			-	0%
	MX9169504	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	-	0%	[redacted]			-	0%
	MX9169547	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	-	0%	[redacted]			-	0%
	MX1818862	CIRCUIT CONDITIONING CAPACITOR~GREE	[redacted]			[redacted]	[redacted]	-1%	[redacted]			-	0%
	MX1819231	CIRCUIT CONDITIONING CAPACITOR~CAYU	[redacted]			[redacted]	-	0%		-		-	
	MX5221066	CIRCUIT CONDITIONING CAPACITOR~BLOO	[redacted]			[redacted]	[redacted]	-1%	[redacted]			-	0%
	MX9169533	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	-2%	[redacted]			-	0%
	MX9169538	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	-	0%	[redacted]			-	0%
	MX9169495	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	-	0%		-		-	
	MX9169544	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	-	0%		-		-	
	MX9169527	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	2%	[redacted]			[redacted]	-10%
	MX9169536	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	0%	[redacted]			[redacted]	-25%
	MX1819160	CIRCUIT CONDITIONING CAPACITOR~BROO	-	-		-	-		[redacted]			-	0%
	MX9169540	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	-1%	[redacted]			-	0%
	MX9169497	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	-1%	[redacted]	-		[redacted]	
	MX9169507	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	-1%		-		-	
	MX9169525	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	7%	[redacted]			-	0%
	MX9169518	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	-	0%		-		-	
	MX9169502	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	0%	[redacted]			-	0%
	MX1818968	MXCONV-CIRCUIT CONDITIONING CAPACIT	[redacted]			[redacted]	[redacted]	1%	[redacted]			-	0%
	MX1818930	CIRCUIT CONDITIONING CAPACITOR~GREE	[redacted]			[redacted]	-	0%	[redacted]			-	0%
	MX1818899	CIRCUIT CONDITIONING CAPACITOR~GREE	[redacted]			[redacted]	[redacted]	0%	[redacted]			-	0%
	MX1819199	CIRCUIT CONDITIONING CAPACITOR~BROO	[redacted]			[redacted]	-	0%	[redacted]			-	0%
	MX1819076	CIRCUIT CONDITIONING CAPACITOR~BROO	[redacted]			[redacted]	[redacted]	0%	[redacted]			-	0%
	MX9169489	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	0%	[redacted]			-	0%
	MX1818478	CIRCUIT CONDITIONING CAPACITOR~GREE	[redacted]			[redacted]	[redacted]	0%	[redacted]			-	0%
	MX9169534	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	7%	[redacted]			[redacted]	39%
	MX9169512	TDSIC ANALYZING CIRCUIT CAP AND IMP	[redacted]			[redacted]	[redacted]	-2%	[redacted]			[redacted]	89%
	MX1818419	CIRCUIT CONDITIONING CAPACITOR~GREE	[redacted]			[redacted]	[redacted]	-34%	[redacted]			[redacted]	90%
	I5C169468	CAP 9169468 Lapel 1204	[redacted]			[redacted]	[redacted]	2%	[redacted]			[redacted]	79%
	MX1818317	CIRCUIT CONDITIONING CAPACITOR~GREE	[redacted]			[redacted]	[redacted]	3%	[redacted]			[redacted]	79%
	MX1818516	CIRCUIT CONDITIONING CAPACITOR~GREE	[redacted]			[redacted]	[redacted]	-132%	[redacted]			[redacted]	58%

	MX1818544	CIRCUIT CONDITIONING CAPACITOR~GREE							12%			99%
	MX1818617	CIRCUIT CONDITIONING CAPACITOR~NORT							5%			51%
	MX1818736	CIRCUIT CONDITIONING CAPACITOR~NORT							4%			-7%
	MX1818883	CIRCUIT CONDITIONING CAPACITOR~GREE							16%			100%
	MX1819000	CIRCUIT CONDITIONING CAPACITOR~BROO							15%			-14%
	MX1819042	CIRCUIT CONDITIONING CAPACITOR~BROO							100%			-122%
	MX9169471	TDSIC ANALYZING CIRCUIT CAP AND IMP							16%			68%
	MX9169492	TDSIC ANALYZING CIRCUIT CAP AND IMP							-3%			63%
	MX9169493	TDSIC ANALYZING CIRCUIT CAP AND IMP							-21%			-79%
	MX9169494	TDSIC ANALYZING CIRCUIT CAP AND IMP							-27%			-73%
	MX9169511	TDSIC ANALYZING CIRCUIT CAP AND IMP							100%			100%
	MX9169541	TDSIC ANALYZING CIRCUIT CAP AND IMP							-3%			-23%
	MX2821518	CIRCUIT CONDITIONING CAPACITOR ~BLO				-						
Circuit Conditioning Capacitor Total									**-1%**			**2%**
Circuit Conditioning Regulator	I5R169790	REG 9169790 Nashville 1211							0%		-	0%
	I5R169771	REG 9169771 Col South 1271							-11%		-	0%
	MX9169789	TDSIC ANALYZING CIRCUIT REG AND IMP							0%		-	0%
	MX9169807	TDSIC ANALYZING CIRCUIT REG AND IMP							4%		-	0%
	I5R169788	S5REG 9169788 Lapel 1204							6%		-	0%
	MX9169793	TDSIC ANALYZING CIRCUIT REG AND IMP							0%		-	0%
	I5R169786	REG 9169786 Lapel 1202							5%		-	0%
	I5R169782	REG 9169782 Kok Toby Pike 1266							-4%	-	-	
	I5R169802	RG 9169802~TH SOUTH POLE							-100%		-	
	MX1288918	(WO ACTIVE) CIRCUIT CONDITIONING~CL							-2%		-	0%
	MX9169814	TDSIC ANALYZING CIRCUIT REG AND IMP							4%		-	0%
	I5R169794	S5REG 9169794 Seymour Air							-1%			-5%
	MX9169822	TDSIC ANALYZING CIRCUIT REG AND IMP					-		0%		-	0%
	MX1805741	CIRCUIT CONDITIONING REGULATOR~GREE							-5%		-	0%
	MX9169851	TDSIC ANALYZING CIRCUIT REG AND IMP							3%			83%
	MX1805675	CIRCUIT CONDITIONING REGULATOR~GREE							-7%			73%
	MX1805699	CIRCUIT CONDITIONING REGULATOR~GREE							-5%			77%
	MX1805781	CIRCUIT CONDITIONING~REGULATOR~BROO							23%			81%
	MX1805809	MXCONV-(WO ACTIVE) CIRCUIT CONDITIO							31%			78%
	MX9169777	MXCONV-CIRCUIT CONDITIONING REGULAT							-41%			97%
	MX9169778	TDSIC ANALYZING CIRCUIT REG AND IMP							-24%			100%
	MX9169812	TDSIC ANALYZING CIRCUIT REG AND IMP							25%			72%
	MX9169813	TDSIC ANALYZING CIRCUIT REG AND IMP							-9%			14%
Circuit Conditioning Regulator Total									**-2%**			**16%**
Circuit Conditioning Reconductor	I5R170178	S5REC 9170178 Seymour Air							27%		-	0%
	MX5196591	TDSIC ANALYZING CIRCUIT CONDUCTOR A							-9%	-	-	
	MX2363165	MXCONV-CIRCUIT CONDITIONING RECONDU							2%			-2%
	MXA060102	CIRCUIT CONDITIONING RECONDUCTOR~SE							1%		-	0%
	MX9170193	TDSIC ANALYZING CIRCUIT CONDUCTOR A							3%		-	0%
	I5C170186	REC 9170186 TH South 1202							-11%			-69%
	MX0883702	CIRCUIT CONDITIONING~CLINTON 69~12							1%			-4%
	MX9170240	TDSIC ANALYZING CIRCUIT CONDUCTOR A							19%			25%
	MX9170222	TDSIC ANALYZING CIRCUIT CONDUCTOR A	-	-		-	-				-	-	
	MX9170237	TDSIC ANALYZING CIRCUIT CONDUCTOR A							61%			92%
	MX8159813	TDSIC ANALYZING CIRCUIT CONDUCTOR A							19%			70%
	MX9170196	TDSIC ANALYZING CIRCUIT CONDUCTOR A							2%			49%
	MX9170209	TDSIC ANALYZING CIRCUIT CONDUCTOR A							0%			34%
	MX9170214	CIRCUIT CONDITIONING RECONDUCTOR~GR							-17%			39%
	MX9170234	TDSIC ANALYZING CIRCUIT CONDUCTOR A							-5%			-11%

	MX9170238	TDSIC ANALYZING CIRCUIT CONDUCTOR A	[redacted]		[redacted]	-3%	[redacted]			-118%
	MX9170245	TDSIC ANALYZING CIRCUIT CONDUCTOR A	[redacted]		[redacted]	86%	[redacted]			58%
Circuit Conditioning Reconductor Total			[redacted]		[redacted]	**4%**	[redacted]			**17%**
Line Voltage Regulator Controls Replacement	MX8622525	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		[redacted]	31%		0	-	
	MX8622527	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		-	0%			-	
	I5L621525	LVR 8621525 Dillman Rd 1242	[redacted]		[redacted]	0%	[redacted]	[redacted]	-	0%
	MX8621546	MXCONV-LINE VOLTAGE REGULATOR CONTR	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8621531	MXCONV-LINE VOLTAGE REGULATOR CONTR	[redacted]		-	0%		-	-	
	I5L621532	LVR 8621532 Dillman Rd 1243	[redacted]		-	0%	-	-	-	
	I5L621523	LVR 8621523 Dillman Rd 1242	[redacted]		[redacted]	-28%	[redacted]		[redacted]	
	I5L621530	LVR 8621530 Dillman Rd 1243	[redacted]		-	0%		-	-	
	MX8622053	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8622050	MXCONV-LINE VOLTAGE REGULATOR CONTR	[redacted]		[redacted]	1%		-	-	
	I5L621529	LVR 8621529 Dillman Rd 1243	[redacted]		-	0%			-	
	I5L621570	LVR 8621570 Princeton 1204	[redacted]		[redacted]	51%		[redacted]	[redacted]	100%
	MX8622052	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8621544	MXCONV-LINE VOLTAGE REGULATOR CONTR	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8622054	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		[redacted]	20%	[redacted]	[redacted]	-	0%
	MX8623044	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8623043	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		[redacted]	24%		-	-	
	MX8622528	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8622274	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		-	0%		-	-	
	MX8623045	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		[redacted]	84%	[redacted]	[redacted]	-	0%
	MX8622288	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8622289	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8622290	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8622258	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		-	0%		-	-	
	MX8622259	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8622260	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8622261	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8622293	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		[redacted]	14%		-	-	
	MX8622295	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		[redacted]	5%		-	-	
	MX8622529	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		-	0%		-	-	
	MX8622273	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		[redacted]	0%	[redacted]	[redacted]	-	0%
	MX8622272	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		[redacted]	10%	[redacted]	[redacted]	[redacted]	95%
	MX8622291	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		[redacted]	5%		[redacted]	[redacted]	100%
	MX8622292	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		[redacted]	2%		[redacted]	[redacted]	100%
	MX6245313	(REG) LINE VOLTAGE REGULATOR CONTRO	[redacted]		[redacted]	27%	[redacted]	[redacted]	[redacted]	84%
	MX4637102	MXINPG-(GE) (RETROFIT) LINE VOLTAGE	[redacted]		[redacted]	31%	[redacted]	[redacted]	[redacted]	81%
	MX5041752	LINE VOLTAGE REGULATOR CONTROL REPL	[redacted]		[redacted]	39%		[redacted]	[redacted]	100%
	MX8622275	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		[redacted]	-39%	[redacted]	[redacted]	[redacted]	81%
	MX8622294	TDSIC REPLACE ANALOG VOLTAGE REG CO	[redacted]		[redacted]	-281%		[redacted]	[redacted]	100%
Line Voltage Regulator Controls Replacement Total			[redacted]		[redacted]	**10%**	[redacted]	[redacted]	[redacted]	**37%**
Line Voltage Sensors	MX8646907	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8646766	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	3%		-	-	
	MX8646692	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-2%		-	-	
	MX6360346	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	8%	[redacted]	[redacted]	-	0%
	MX2856441	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-11%	[redacted]	[redacted]	-	0%
	MX8646875	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX2854618	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-2%	[redacted]	[redacted]	-	0%
	MX6358304	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8646544	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	14%		-	-	
	MX8646917	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		-	0%	[redacted]	[redacted]	-	0%

	MX8646878	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%		-	-	
	MX8646767	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%	[redacted]	[redacted]	-	0%
	MX6357069	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	-	0%		-	-	
	MX8646689	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%		-	-	
	MX8646690	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	[redacted]	0%		-	-	
	MX8646877	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%		-	-	
	MX8821187	MXCONV-END LINE VOLTAGE SENSORS~LAP	[redacted]		[redacted]	-	0%	[redacted]	[redacted]	-	0%
	I5V646548	VLS 8646548 New Castle 1222	[redacted]		[redacted]	-	0%		-	-	
	I5V646505	VLS 8646505 Cincinnati St 1218	[redacted]		[redacted]	-	0%		-	-	
	I5V646582	VLS 8646582 Lafayette 1203	[redacted]		[redacted]	-	0%		-	-	
	MX8736001	MXCONV-END LINE VOLTAGE SENSORS~CLA	[redacted]		[redacted]	[redacted]	-2%		-	-	
	MX8736114	MXCONV-END LINE VOLTAGE SENSORS~CLA	[redacted]		[redacted]	[redacted]	1%	[redacted]	[redacted]	-	0%
	MX8646747	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%		-	-	
	MX8646772	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	[redacted]	12%		-	-	
	MX8646773	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	[redacted]	2%	[redacted]	[redacted]	-	0%
	MX8646588	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%	[redacted]	[redacted]	-	0%
	MX8646797	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%	[redacted]	[redacted]	-	0%
	MX8646793	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%	[redacted]	[redacted]	-	0%
	MX8646884	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%	[redacted]	[redacted]	-	0%
	MX8646796	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%	[redacted]	[redacted]	-	0%
	MX8646458	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	[redacted]	13%		-	-	
	MX8646683	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%	[redacted]	[redacted]	[redacted]	100%
	MX8646585	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	[redacted]	6%	[redacted]	[redacted]	-	0%
	MX9423371	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%		-	-	
	MX6358359	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	-	0%		-	-	
	MX6357263	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	[redacted]	-7%	[redacted]	[redacted]	-	0%
	MX9304978	MXCONV-END LINE VOLTAGE SENSORS~VIN	[redacted]		[redacted]	[redacted]	-1%	[redacted]	[redacted]	-	0%
	MX8646769	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%		-	-	
	MX6357296	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	[redacted]	-1%	[redacted]	[redacted]	-	0%
	MX8646625	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	[redacted]	9%		-	-	
	MX8646686	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%		-	-	
	I5V646540	VLS 8646540 Hanover 1233	[redacted]		[redacted]	[redacted]	5%	[redacted]	[redacted]	-	0%
	I5V425959	VLS 9425959 East 25th St 1242	[redacted]		[redacted]	[redacted]	17%	[redacted]	[redacted]	-	0%
	I5V646614	VLS 8646614 Oakland City	[redacted]		[redacted]	[redacted]	16%	[redacted]	[redacted]	-	0%
	MX8646644	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	[redacted]	10%		-	-	
	MX6358988	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	[redacted]	11%		-	-	
	MX2852810	END LINE VOLTAGE SENSORS~SEYMOUR 13	[redacted]		[redacted]	[redacted]	-3%		-	-	
	MX8646902	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	[redacted]	-5%	-	-	-	
	MX8646587	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%	[redacted]	[redacted]	-	0%
	MX8646527	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	[redacted]	-1%		-	-	
	MX6357024	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	[redacted]	1%		-	-	
	I5V646447	VLS 8646447 Hillenbrand 1203	[redacted]		[redacted]	[redacted]	-1%	[redacted]	[redacted]	-	0%
	I5V646626	VLS 8646626 Rossville 1205	[redacted]		[redacted]	-	0%		-	-	
	I5V646445	VLS 8646445 Hillenbrand 1201	[redacted]		[redacted]	[redacted]	1%	[redacted]	[redacted]	-	0%
	I5V646572	VLS 8646572 Highland Park 1216	[redacted]		[redacted]	[redacted]	3%		-	-	
	MX8646905	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%		-	-	
	MX8646455	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	[redacted]	1%	[redacted]	[redacted]	-	0%
	MX2856817	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	[redacted]	3%		-	-	
	MX8646618	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-	0%	[redacted]	[redacted]	-	0%
	MX8646783	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	[redacted]	-11%	[redacted]	[redacted]	[redacted]	-336%
	MX6357236	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	-	0%	[redacted]	[redacted]	-	0%
	MX8646918	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	[redacted]	-4%	[redacted]	[redacted]	[redacted]	-12%
	MX8646910	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	[redacted]	5%	[redacted]	[redacted]	[redacted]	-54060%

	I5V646506	VLS 8646506 Cincinnati St 1219	[redacted]		[redacted]	1%		-	-	
	MX6359797	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	1%		-	-	
	MX8646674	MXCONV-END LINE VOLTAGE SENSORS~TH	[redacted]		[redacted]	-1%	[redacted]	[redacted]	-	0%
	I5V646580	VLS 8646580 Webster St 1233	[redacted]		[redacted]	0%		-	-	
	I5V646467	VLS 8646467 Northwest 1271	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX8646782	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-5%	[redacted]	[redacted]	-	0%
	MX8646911	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-67%	[redacted]	-	[redacted]	
	MX8646744	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-5%	[redacted]	[redacted]	[redacted]	-147%
	MX8646623	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	0%	[redacted]	[redacted]	-	0%
	MX8646639	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		-	0%	[redacted]	[redacted]	-	0%
	MX9302724	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-36%	[redacted]	-	[redacted]	
	MX8646742	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-1%	[redacted]	-	[redacted]	
	MX6356464	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	-2%	[redacted]	[redacted]	-	0%
	MX6356439	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	0%		-	-	
	MX6358832	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	-36%	[redacted]	-	[redacted]	
	MX8646784	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-2%	[redacted]	-	[redacted]	
	I5V426387	VLS 9426387 East 25th St 1244	[redacted]		[redacted]	55%	[redacted]	[redacted]	[redacted]	58%
	I5V646517	VLS 8646517 N Central 1215	[redacted]		[redacted]	54%	[redacted]	[redacted]	[redacted]	94%
	I5V646519	VLS 8646519 N Central 1217	[redacted]		[redacted]	50%		[redacted]	[redacted]	100%
	I5V646502	VLS 8646502 Cincinnati St 1215	[redacted]		[redacted]	43%		[redacted]	[redacted]	100%
	I5V646565	VLS 8646565 Highland Park 1203	[redacted]		[redacted]	28%	[redacted]	[redacted]	[redacted]	56%
	I5V646465	VLS 8646465 Dunn St 1226	[redacted]		[redacted]	46%	[redacted]	[redacted]	[redacted]	0%
	I5V646522	VLS 8646522 Concord Rd 1252	[redacted]		[redacted]	40%		[redacted]	[redacted]	100%
	I5V646472	VLS 8646472 Rogers St 1202	[redacted]		[redacted]	36%	[redacted]	[redacted]	[redacted]	58%
	MX8646596	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	46%	[redacted]	[redacted]	[redacted]	62%
	MX8646607	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	59%		[redacted]	[redacted]	100%
	MX8646609	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	46%	[redacted]	[redacted]	[redacted]	48%
	MX6707454	MXCONV-END LINE VOLTAGE SENSORS~SPI	[redacted]		[redacted]	43%	[redacted]	[redacted]	[redacted]	56%
	MX8646450	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	51%	[redacted]	[redacted]	[redacted]	83%
	MX8646737	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	32%	[redacted]	[redacted]	[redacted]	15%
	MX8646928	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	46%	[redacted]	[redacted]	[redacted]	89%
	MX8646736	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	32%	[redacted]	[redacted]	[redacted]	-10%
	MX8646629	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	62%	[redacted]	[redacted]	[redacted]	95%
	MX8646872	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	58%	[redacted]	[redacted]	[redacted]	91%
	MX8646494	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-44%		[redacted]	[redacted]	100%
	MX8646687	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	46%		[redacted]	[redacted]	100%
	MX8646893	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	61%	[redacted]	[redacted]	[redacted]	86%
	MX8646770	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	53%	[redacted]	[redacted]	[redacted]	56%
	MX8646771	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	59%	[redacted]	[redacted]	[redacted]	82%
	MX8646916	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	45%	[redacted]	[redacted]	[redacted]	60%
	MX8646790	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	73%	[redacted]	[redacted]	[redacted]	87%
	MX3029231	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	-17%		[redacted]	[redacted]	100%
	MX8646920	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	79%		[redacted]	[redacted]	100%
	MX8646453	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	78%	[redacted]	[redacted]	[redacted]	67%
	MX4503155	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	54%	[redacted]	[redacted]	[redacted]	86%
	MX6359607	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	10%		[redacted]	[redacted]	100%
	MX8646880	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	59%		[redacted]	[redacted]	100%
	MX8646730	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	44%	[redacted]	[redacted]	[redacted]	90%
	MX8646787	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	49%	[redacted]	[redacted]	[redacted]	54%
	MX8735525	MXCONV-END LINE VOLTAGE SENSORS~CHA	[redacted]		[redacted]	48%	[redacted]	[redacted]	[redacted]	50%
	MX8646762	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	62%	[redacted]	[redacted]	[redacted]	85%
	MX6357570	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	50%		[redacted]	[redacted]	100%
	MX6359198	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	53%	[redacted]	[redacted]	[redacted]	52%

	I5V646656	VLS 8646656 TH 29th St. 1216	[redacted]		[redacted]	55%	[redacted]	78%
	MX6356285	NEW-MXCONV-END LINE VOLTAGE SENSORS	[redacted]		[redacted]	53%	[redacted]	100%
	MX8646743	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	57%	[redacted]	82%
	MX6358416	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	60%	[redacted]	98%
	MX8646746	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	51%	[redacted]	100%
	MX8646937	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	48%	[redacted]	-39%
	MX8646901	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	53%	[redacted]	-21%
	MX8646592	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	58%	[redacted]	100%
	MX8646763	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	63%	[redacted]	100%
	MX6356332	NEW-MXCONV-END LINE VOLTAGE SENSORS	[redacted]		[redacted]	63%	[redacted]	100%
	MX6356351	NEW-MXCONV-END LINE VOLTAGE SENSORS	[redacted]		[redacted]	69%	[redacted]	100%
	MX6359691	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	65%	[redacted]	100%
	MX6356310	NEW-MXCONV-END LINE VOLTAGE SENSORS	[redacted]		[redacted]	65%	[redacted]	100%
	MX8646934	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	63%	[redacted]	95%
	MX6357207	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	54%	[redacted]	-78%
	MX6356243	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	60%	[redacted]	97%
	MX6356418	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	62%	[redacted]	100%
	I5V646573	VLS 8646573 Highland Park 1222	[redacted]		[redacted]	67%	[redacted]	100%
	I5V646577	VLS 8646577 Southeast 1283	[redacted]		[redacted]	50%	[redacted]	100%
	I5V646579	VLS 8646579 Webster St 1232	[redacted]		[redacted]	58%	[redacted]	100%
	I5V426280	VLS 9426280 East 25th St 1243	[redacted]		[redacted]	46%	[redacted]	94%
	I5V646446	VLS 8646446 Hillenbrand 1202	[redacted]		[redacted]	38%	[redacted]	74%
	I5V646469	VLS 8646469 Northwest 1273	[redacted]		[redacted]	56%	[redacted]	94%
	I5V646518	VLS 8646518 N Central 1216	[redacted]		[redacted]	46%	[redacted]	68%
	I5V646581	VLS 8646581 Webster St 1235	[redacted]		[redacted]	57%	[redacted]	100%
	MX2853965	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	32%	[redacted]	100%
	MX2854927	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	51%	[redacted]	62%
	MX6357133	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	64%	[redacted]	-110%
	MX6357620	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	56%	[redacted]	100%
	MX6358773	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	43%	[redacted]	89%
	MX6358903	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	33%	[redacted]	100%
	MX6359130	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	55%	[redacted]	62%
	MX6359171	NEW- MXCONV-END LINE VOLTAGE SENSOR	[redacted]		[redacted]	59%	[redacted]	82%
	MX8646444	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	53%	[redacted]	81%
	MX8646451	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	59%	[redacted]	35%
	MX8646454	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	33%	[redacted]	100%
	MX8646470	MXCONV-END LINE VOLTAGE SENSORS~BLO	[redacted]		[redacted]	58%	[redacted]	100%
	MX8646578	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	35%	[redacted]	100%
	MX8646637	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	49%	[redacted]	-42%
	MX8646663	MXCONV-END LINE VOLTAGE SENSORS~TH	[redacted]		[redacted]	59%	[redacted]	100%
	MX8646691	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	60%	[redacted]	100%
	MX8646732	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	55%	[redacted]	-26%
	MX8646774	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	55%	[redacted]	-306%
	MX8646775	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	52%	[redacted]	43%
	MX8646869	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	4%	[redacted]	37%
	MX8646882	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	30%	[redacted]	39%
	MX8646895	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	50%	[redacted]	69%
	MX8646912	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	49%	[redacted]	-9%
	MX8646913	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	52%	[redacted]	100%
	MX8646914	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	54%	[redacted]	90%
	MX8646919	TDSIC INSTALL VOLTAGE LINE SENSORS	[redacted]		[redacted]	39%	[redacted]	29%
	MX8666668	MXCONV-END LINE VOLTAGE SENSORS~KEN	[redacted]		[redacted]	48%	[redacted]	69%
	MX8679316	MXCONV-END LINE VOLTAGE SENSORS~KEN	[redacted]		[redacted]	53%	[redacted]	63%

	MX8679729	MXCONV-END LINE VOLTAGE SENSORS~CHA					50%				100%
	MX8680646	MXCONV-END LINE VOLTAGE SENSORS~CLA					52%				58%
	MX8737042	MXCONV-END LINE VOLTAGE SENSORS~ CL					57%				69%
Line Voltage Sensors Total							**35%**				**12%**
Dist System Costs Assoc with Trans Line Improvements	T1743DL1	Jeffvl138 14kV UG Exits DL - TIN174					4%			-	0%
	MX3737341	Staunton 3-phase StSv Dist-TDISC-TI				-	0%		-	-	
	MX6851332	69125 Underbuild Line Ident# 892.43					-41%			-	0%
	INGLPR466	GLT 2017 6920 P2 Line 932.41 UB			-					-	
	T1802DL1	Brazil 12kV UB DL - TIN1802					-18%				-2%
	MX9870227	BLM Dillman D-Line - TIN2093					6%			-	0%
	MX2425130	DL Switching - W Laf Rlbty Upg TDSI					30%		-	-	
	MX7534477	13845 Underbuild Line Ident# 891.41			-					-	
	MX3840314	Brkvl Little Cdr DL TDSIC-TIN2113					-23%		-	-	
	MX5740656	Seymour Airport RD TDSIC - TIN2067					1%			-	0%
	MX5818886	Cayuga 69 TDSIC - TIN2073 - Mobile				-	0%		-	-	
	MX1671679	Kok Toby Pk_Rpl Swi_Add Telecom DL				-	0%		-	-	
	MX6127040	Greenword North Temp Service - TIN1			-					-	
	MX2488556	GLT 6977 P1 Dist UB Line ID 807.06					2%			-	0%
	MX5351841	TH Margaret Ave Rlbty Upg					-5%		-	-	
	MX6264326	Cayuga 69 TDSIC - Tie Switch 1202/1					55%			-	0%
	MX1997948	Brazil Circuit Exits DLWork - TIN18					-3%		-	-	
	MX2272767	TI 6920 Pt 3 Rbld Cnrsvl_Glenwood -					-8%				-33%
	T2118DL1	69170 McGrawsville UB - TIN2118					-4%				-50%
	INGLPR416	6GLT 2017 923 P2 Line 823.63 UB					-5%		-	-	
	MX6566136	GLT 69154 P1 Dist UB Line ID 829 50				-	0%			-	0%
	MX6316865	GLT 6977 UB Ident# 807.80					-14%				-114%
	MX9076969	69154 Underbuild Line Ident# 829.50		-	-				-		
	MX9076447	6952 Underbuild Line Ident# 813.44					-69%				-603%
	INGLPR490	GLT 69156 Line #813.7 Dist UB (2)					-48%			-	0%
	INGLPR411	GLT 2017 6923 P2 Line 823.66 Dist U					78%				98%
	INGLPR409	GLT 2017 6923 P2 Line 823.62 Dist					10%		-	-	
	INGLPR461	GLT 2017 6920 P2 Line 857.43 Dist					41%				88%
	MX3228025	Allendale Rlbty Upg TDSIC - TIN 207					17%				-120%
	MX5068147	Odon Rlbty DLine Work - TIN2095					26%				-41%
	MX6300376	6985 HE FREEMAN JCT To SPENCER SUB			-						
	MX7075927	Thorntown Rlbty Upg - TIN2084					46%				-35%
	MX3770059	Greendale 138kV Grd Sw-UB-TDISC-AMI					-48%			-	
	INGLPR367	GLT SP17 P2 69192 Line#807.51			-					-	
	MX0883765	Delphi Wells DL Mobile - TIN2082					-2%				2%
	T2087DL1	Replace 3 Distibution Poles - TIN20					-4%				-28%
	INGLPR462	GLT 2017 6920 P2 Line 932.42			-					-	
	MX3859728	Greenwood Relocate 12kV 2020 work-T			-						
	MX9906997	Customer Complaint Repeat Outage In			-						
Dist System Costs Assoc with Trans Line Improvements Total							**-6%**				**-22%**
GIS MAPPING	IGISMAP	GIS Systm Updates for TDSIC GridMod			-	-					-13%
GIS MAPPING Total			-	-	-	-					**-13%**
Grand Total			**71,685,689**	**77,260,653**	**-**	**77,260,653**	**5,574,964**	**7%**	**9,716,449**	**9,128,799**	**(587,650)**	**-6%**

1. Only includes projects from TDSIC-8 Plan that did go into service in 2020 and excludes Contingency.
2. Contingency and Under-Run applied to capital Actuals exceeding the filed TDSIC-8 Plan by more than 20%; application of Contingency and Under-Run bring variance to 20%. Contingency and Under-Run only applied at the Filing Project level.

Summary by Functional Category - D Line Carryover by Project Category
In-service 1/1/19 - 12/31/19

		Capital							
		Actual			Estimate		Variance		
Project Category	Distribution Line Details	Actuals for 2019 In-Service Investments	2019 In-Service Investments' Current Year Carryover Value	2019 Total Actuals	2019 In-Service Investments' Current Year Carryover Estimate	Total Filed TDSIC-8 Plan	2019 In-Service Investment Variance from TDSIC-8	2019 In-Service Investment Variance from TDSIC-8 %	Comments
Distribution System Circuit Improvements	34.5 kV Automation							0%	
	Capacitor Changeout						-	0%	
	Capacitor Cutout/Oil to Vacuum Switch Replacement				-		-	0%	
	Declared Circuits							2%	
	Deteriorated Conductor							0%	
	General Switchgear Replacement							1%	
	Ground Line Pole Replacement (GLT)		-		-		-	0%	
	Hydraulic Recloser Replacement				-		-	0%	
	Limited Access Road Crossing Upgrade							0%	
	Line Sensors (Stand Alone)		-		-		-	0%	
	Live Front Transformer Replacement							20%	Amount of underspend is immaterial.
	Recloser Controls Upgrades / Replacement							0%	
	Sectionalization							0%	
	Self-Healing Teams							0%	
	Surface Mounted Equipment Follow-up (SMEI)		-		-		-	0%	
	Three Phase Switch Replacement							2%	
	Transformer Retrofit		-		-	-		0%	
	Ungrounded 34 5 KV Delta Capacitor Bank Oil Switch							1%	
	Underground Cable Replacement							1%	
	Underground Cable Injection							0%	
	Capacitor Automation (Non-IVVC and IVVC)		-		-		-	0%	
	Circuit Conditioning Capacitor							17%	Financial estimates for 5 projects were estimate as 2019 completion. Dates were changed to 2020 projects in actuals, leading to a shortfall between the estimates from TDSIC-8 and the 2019 actuals. This issue was isolated to 2019. This would not have any rate impacts as the actuals files have been been consistently accurate.
	Circuit Conditioning Regulator							31%	Financial estimates for 6 projects were estimate as 2019 completion. Dates were changed to 2020 projects in actuals, leading to a shortfall between the estimates from TDSIC-8 and the 2019 actuals. This issue was isolated to 2019. This would not have any rate impacts as the actuals files have been been consistently accurate.
	Circuit Conditioning Reconductor							2%	

	Line Voltage Regulator Controls Replacement	[redacted]						23%	Financial estimates for 6 projects were estimate as 2019 completion. Dates were changed to 2020 projects in actuals, leading to a shortfall between the estimates from TDSIC-8 and the 2019 actuals. This issue was isolated to 2019. This would not have any rate impacts as the actuals files have been been consistently accurate.
	Dist System Costs Assoc with Trans Line Improvements							16%	Primary driver for this variance was a reclassification of projects from D-line to D-sub. The classifications were corrected between TDSIC-8 and TDSIC-9. These reclasses would not have any rate impact. True variance in carryover is minimal.
Grand Total		**108,138,404**	**-589,154**	**107,459,726**	**-208,288**	**110,415,460**	**2,955,734**	**3%**	

PETITIONER'S EXHIBIT 1-F (CMH)
IURC Cause No. 44720 TDSIC-9

		O&M							
		Actual			Estimate		Variance		
Project Category	***Distribution Line Details**	**Actuals for 2019 In-Service Investments**	**2019 In-Service Investments' Current Year Carryover Value**	**2019 Total Actuals**	**2019 In-Service Investments' Current Year Carryover Estimate**	**Total Filed TDSIC-8 Plan**	**2019 In-Service Investment Variance from TDSIC-8**	**2019 In-Service Investment Variance from TDSIC-8 %**	**Comments**
Distribution System Circuit Improvements	34.5 kV Automation						-	0%	
	Capacitor Changeout		-		-			1%	
	Capacitor Cutout/Oil to Vacuum Switch Replacement		-		-		-	0%	
	Declared Circuits						-	0%	
	Deteriorated Conductor							0%	
	General Switchgear Replacement		-				-	0%	
	Ground Line Pole Replacement (GLT)							0%	
	Hydraulic Recloser Replacement		-				-	0%	
	Limited Access Road Crossing Upgrade						-	0%	
	Line Sensors (Stand Alone)		-				-	0%	
	Live Front Transformer Replacement							-3%	
	Recloser Controls Upgrades / Replacement		-		-		-	0%	
	Sectionalization						-	0%	
	Self-Healing Teams						-	0%	
	Surface Mounted Equipment Follow-up (SMEI)							0%	
	Three Phase Switch Replacement						-	0%	
	Ungrounded 34 5 KV Delta Capacitor Bank Oil Switch						-	0%	
	Underground Cable Replacement						-	0%	
	Underground Cable Injection							0%	
	Capacitor Automation (Non-IVVC and IVVC)		-				-	0%	
	Circuit Conditioning Capacitor							5%	
	Circuit Conditioning Regulator							3%	
	Circuit Conditioning Reconductor							0%	
	Line Voltage Regulator Controls Replacement							14%	
	Dist System Costs Assoc with Trans Line Improvements							20%	Primary driver for this variance was a reclassification of projects from D-line to D-sub. The classifications were corrected between TDSIC-8 and TDSIC-9. These reclasses would not have any rate impact. True variance in carryover is minimal.
	GIS MAPPING		-		-		-	0%	
Grand Total		**11,455,247**	**211,097**	**11,666,344**	**218,652**	**11,776,524**	**110,180**	**1%**	

Details by Functional Category - D Line by Project Category by Project
Investments for Projects In-service by 12/31/19

			Captial						O&M					
			Actual			Estimate	Variance		Actual			Estimate	Variance	
Distribution Line Details	Project ID CB	Project Short Descr CB	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative In-Service Value	Filed TDSIC-8 Plan (In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative Value (Related to In-Service Investments)	Filed TDSIC-8 Plan (Related to In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance
34.5 kV Automation	I5A695185	DA 8695185 Spencer 3423 2					0	0%					-	0%
	I5A695119	DA 8695119 Cloverdale 3423					0	0%					-	0%
	I5A381788	DA 8381788 Border St.2018						-1%		-			-	0%
	MX8459904	TDSIC 34.5kV AUTOMATION PROJECT UNG		-			0	0%		-			-	0%
	MX1717343	34.5kV Automation Wheatland East 34					0	0%		-			-	0%
34.5 kV Automation Total								0%					-	0%
Capacitor Changeout	CAPIN	Capacitor Inst/Rem		-				100%		-				100%
	ISSRCR	Capacitor Changeout - TDSIC		-						-				
	ICAPINSX	Capacitor Inspections		-			0			-				
	MX9263010	TDSIC-CAPACITOR BANK REPLACE, 206-4		-						-				
	MX8735724	TDSIC-CAPACITOR BANK REPLACE, 273-6								-			-	
	MX1512415	MXCONV-CAPACITOR INSPECT - OFF SR 7		-						-				
	MX7997266	TDSIC-CAPACITOR BANK REPLACE					0						-	
		TBC - TDSIC-CAPACITOR BANK REPLACE												
	MX9919426	TDSIC-CAPACITOR BANK REPLACE, 509-5								-			-	
	MX2553200	TDSIC-CAPACITOR BANK REPLACE, 472-1		-						-			-	
	MX0050833	TDSIC-CAPACITOR BANK REPLACE, 552-8		-						-			-	
	MX1689488	TDSIC-CAPACITOR BANK REPLACE, 450-8								-			-	
Capacitor Changeout Total								0%		-				26%
Capacitor Cutout/Oil to Vacuum Switch Replacement	OTVSRIN	Cap Oil to Vac Switch Repl IN		-				101%		-				100%
	ISSOTV	Capacitor Oil to Vac Sw Rpl TDSIC		-						-				
Capacitor Cutout/Oil to Vacuum Switch Replacement Total				-				8%		-				-68%
Declared Circuits	I5D631245	DC 8631245 Dunn St 1228 2018		-			0	0%		-			-	0%
	I5D631228	DC 8631228 SPEED 1201 - 1		-			0	0%		-			-	0%
	I5D631226	DC 8631226 HE Yorkville 1202					0	0%		-			-	0%
	I5D631244	DC 8631244 Rockport Rd Su						-2%		-			-	0%
	MX2475689	TDSIC-PROACTIVE REPLACEMENT (MATERI						37%		-			-	0%
	I5D631231	DC 8631231 Connersville 1		-			0	0%		-			-	0%
	I5D631239	DC 8631239 Madison 2nd St						0%					-	0%
	MX8631250	MXCONV-DECLARED CIRCUIT - PARAGON 1					0	0%		-			-	
	I5D631247	DC 8631247 Staunton 1225						2%					-	0%
	MX8631240	TDSIC-PROACTIVE REPLACEMENT (MATERI		-			0	0%		-			-	0%
	MX8631255	TDSIC-PROACTIVE REPLACEMENT (MATERI					0	0%		-			-	
	MX8631227	TDSIC-PROACTIVE REPLACEMENT (MATERI						-1%					-	0%
	I5D631218	DC 8631218 Cumberland Ave					0	0%		-			-	0%
	I5D631217	DC 8631217 S Main St 1290					0	0%		-			-	
	MX8631460	TDSIC-PROACTIVE REPLACEMENT (MATERI						6%					-	0%
	MX8631459	TDSIC-PROACTIVE REPLACEMENT (MATERI						0%		-			-	
	I5D631253	DC 8631253 Dugger 1201						6%					-	0%
	MX8631491	TDSIC-PROACTIVE REPLACEMENT (MATERI						0%		-			-	0%
	MX8631215	MXCONV-DECLARED CIRCUIT - WESTFIELD						23%		-			-	0%
	MX8631224	TDSIC-PROACTIVE REPLACEMENT (MATERI					0	0%					-	0%
	I5D631490	DC 8631490 Smith Rd 69 12						0%					-	0%
	I5D631238	DC 8631238 St Paul 1202					0	0%		-			-	0%
	MX8631234	TDSIC-PROACTIVE REPLACEMENT (MATERI						1%					-	0%
	MX8631463	TDSIC-PROACTIVE REPLACEMENT (MATERI						-1%					-	0%
Declared Circuits Total								2%					-	0%
Deteriorated Conductor	I5D619852	DET 8619852 Towne Rd 1236						0%		-			-	0%
	I5D619895	DET 8619895 Mad Michigan		-			0	0%		-			-	0%
	I5D616047	DET 8616047 Webster St 1231						1%		-			-	0%
	I5D619850	DET 8619850 Highland Park						0%					-	0%
	I5D619855	DET 8619855 Cumberland Ave 1277						0%		-			-	0%
	I5D619858	DET 8619858 Jeff Town Ctr 1423						0%		-			-	0%
	MX7217394	TDSIC-PROACTIVE REPLACEMENT SECTION						0%					-	0%

PETITIONER'S EXHIBIT 1-G (CMH)
IURC Cause No. 44720 TDSIC-9

Details by Functional Category - D Line by Project Category by Project
Investments for Projects In-service by 12/31/19

			Captial						O&M					
			Actual			Estimate	Variance		Actual			Estimate	Variance	
Distribution Line Details	**Project ID CB**	**Project Short Descr CB**	**Prior Year Project Recovery Value**	**Prior Year In-Service Investments' Current Year Carryover Value**	**Total Cumulative In-Service Value**	**Filed TDSIC-8 Plan (In-Service Investments)[1]**	**Actual vs. Filed TDSIC-8 Plan Variance**	**% Variance**	**Prior Year Project Recovery Value**	**Prior Year In-Service Investments' Current Year Carryover Value**	**Total Cumulative Value (Related to In-Service Investments)**	**Filed TDSIC-8 Plan (Related to In-Service Investments)[1]**	**Actual vs. Filed TDSIC-8 Plan Variance**	**% Variance**
	MX8458359	TDSIC-PROACTIVE REPLACEMENT SECTION						0%					-	0%
	I5D619857	DET 8619857 Fishers 1237						-1%						0%
	I5D619015	DET 8619015 Kokomo Southe						0%					-	0%
	I5D620507	DET 8620507 Russiaville 1265						0%					-	0%
	I5D619859	DET 8619859 Conn 30th St 1225						1%					-	0%
	I5D619856	DET 8619856 Maple St 1286					0	0%					-	0%
Deteriorated Conductor Total								**0%**						**0%**
General Switchgear Replacement	ISWGINSX	OM Switchgear UG Insp		-			0			-				
	I5G054720	SWG 8054720 Clarksville 1438		-			0	0%		-			-	0%
	I5G025921	SWG 11025921 HE Woodside						0%		-			-	0%
	MX9341564	General Switchgear Replacement SG-5						0%					-	
	MX6600503	TDSIC REPLACMENT SWITCHGEAR					0	0%		-			-	0%
	I5G054721	SWG 8054721 Clarksville 1438					0	0%		-			-	0%
	I5G025408	SWG 11025408 Green Valley Rd		-			0	0%		-			-	0%
	MX6622856	TDSIC REPLACMENT SWITCHGEAR						0%		-			-	
	I5G641614	SWG 8641614 Morse Res 1223						-2%		-			-	0%
	MX9341570	General Switchgear Replacement SG-1						0%		-			-	
	MX9341571	General Switchgear Replacement SG-9						6%		-			-	
	I5G641583	SWG 8641583 Cumberland Av						0%		-			-	0%
	I5G641581	SW 8641581 Cumberland Ave						1%		-			-	
	MX3341304	TDSIC SWITCHGEAR REPLACEMENT						4%		-			-	
	MX8054732	MXCONV-GENERALSWITCHGEARREPLACEM						2%		-			-	
General Switchgear Replacement Total								**1%**						**-12%**
Ground Line Pole Replacement (GLT)	GLPRDIN	Pole Repl Gnd Line-D		-				100%		-				97%
		Ground Line Insp-D		-			0							
	IS5RLP	Pole Inspect Based Pole Repl-TDSIC		-										
	IPOLINSX	OM Pole Inspections		-			0			-				
	IS5PLEIR	IK-Emergency Pole Repl. Insp Based		-						-				
	IS5PLOTH	Oth UOP Replace Pol Insp FU TDSIC		-						-				
	IS5POLRN	Pole Reinforcements TDSIC		-						-				
Ground Line Pole Replacement (GLT) Total				**-**				**-6%**						**-79%**
Hydraulic Recloser Replacement	RCLIN	Recloser Inst/Rem		-				100%		-				100%
	IS5RRR	Electronic Reclose Replc-TDSIC		-						-				
Hydraulic Recloser Replacement Total				**-**				**-41%**		**-**				**34%**
Limited Access Road Crossing Upgrade	I5L628196	LAR 8628196 I-65 & Eisenhower						3%		-			-	0%
	8628037E	OM 8628037 I-74 & SR 1		-			0			-			-	0%
	8628042E	OM 8628042 I-465 & 96th St		-			0			-			-	0%
	MX8628199	TDSIC INTERSTATE ACCESS ROAD CROSSS						100%					-	0%
	I5L672177	LAR 8672177 I-74 & Pumpkin						1%		-			-	0%
	MX8630899	TDSIC INTERSTATE ACCESS ROAD CROSSS					0	0%		-			-	0%
	MX8631319	TDSIC INTERSTATE ACCESS ROAD CROSSS						0%		-			-	0%
	MX8628976	TDSIC INTERSTATE ACCESS ROAD CROSSS					0	0%		-			-	0%
	8628198E	OM I-65 & SR 25		-			0						-	0%
	MX8628974	TDSIC INTERSTATE ACCESS ROAD CROSSS					0	0%					-	0%
	MX8628977	TDSIC INTERSTATE ACCESS ROAD CROSSS						-2%		-			-	0%
	8628038E	OM 8628038 I-74 & Peppertown Rd		-			0			-			-	0%
Limited Access Road Crossing Upgrade Total								**0%**					**-**	**0%**
Line Sensors (Stand Alone)	LINESENIN	Line Sensor Inst for 1PH - 3PH		-				100%		-				100%
	IS5LSI	Line Sensors Installations-1P TDSIC		-										
Line Sensors (Stand Alone) Total				**-**				**-138%**						**-79%**
Live Front Transformer Replacement	LVFRTIN	Upgrade Live Front Transformers						157%		-				100%
	IS5RTR	Live Front Transformers Rplc-TDSIC		-						-				
	I5R554135	RTR 10554135 Col E 25 St 1242		-			0	0%		-			-	0%
	I5R554172	RTR 10554172 E 25 St 1242		-						-				

Details by Functional Category - D Line by Project Category by Project
Investments for Projects In-service by 12/31/19

			Captial						O&M					
			Actual			Estimate	Variance		Actual			Estimate	Variance	
Distribution Line Details	Project ID CB	Project Short Descr CB	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative In-Service Value	Filed TDSIC-8 Plan (In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative Value (Related to In-Service Investments)	Filed TDSIC-8 Plan (Related to In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance
	I5R638425	RTR 8638425 BLM Rogers St						-255%		-			-	
	I5R624868	RTR 8624868 Dunn St 1228		-			0	0%		-			-	0%
	MX8624869	RTR 8624869 Dunn St 1228		-			0	0%		-			-	0%
	MX8221143	LIVE FRONT TRANSFORMER REPLACEMENT					0	0%		-			-	0%
	MX1209630	TDSIC Transformer Live Front Replac						0%		-			-	
	MX8637803	MXCONV-LIVE FRONT TRANSFORMER REPL					0	0%		-			-	0%
	MX7729558	LIVE FRONT TRANSFORMER REPLACEMENT						0%		-			-	0%
	MX8624873	MXCONV-LIVE FRONT TRANSFORMER REP						0%		-			-	0%
	MX8624842	MXCONV-LIVE FRONT TRANSFORMER REPL					0	0%		-			-	
	MX8624846	MXCONV-LIVE FRONT TRANSFORMER REPL					0	0%		-			-	
	MX8634937	RTR 8634937 Hillenbrand 1203						0%		-			-	
	MX8624849	MXCONV-LIVE FRONT TRANSFORMER REPL					0	0%		-			-	
	MX8221420	MXCONV-LIVE FRONT TRANSFORMER REPL					0	0%		-			-	0%
	MX0554876	MXCONV-LIVE FRONT TRANSFORMER REPL						0%		-			-	0%
	MX8637800	MXCONV-LIVE FRONT TRANSFORMER REPL						0%		-			-	
	MX8618645	MXCONV-LIVE FRONT TRANSFORMER REPL						0%		-			-	0%
	MX8637801	MXCONV-LIVE FRONT TRANSFORMER REPL						0%		-			-	
	MX4071438	TDSIC UGGRADE LIVE FRONT TX TO DEAD						100%						
	I5R634911	TBC-RTR 8634911 Dunn St 1228					0						-	
		RTR 8634911 Dunn St 1228												
Live Front Transformer Replacement Total								**19%**						**-17%**
Recloser Controls Upgrades / Replacement	I5E486583	RC 7486583 Bean Blossom 1201		-			0	0%		-			-	0%
	I5E486450	ER 7486450 South Main St 1292		-			0	0%		-			-	0%
	I5E634534	ER 8634534 Clark Maritime		-			0	0%		-			-	0%
	MX8634542	TDSIC - ELECTRONIC RECLOSER REPLAC						0%		-			-	0%
	MX8634539	MXCONV-ELECTRONIC RECLOSER REPLACE						0%		-			-	0%
	I5E634541	ES5R 8634541 Jeffersonvillle						0%		-			-	0%
	MX8634540	MXCONV-ELECTRONIC RECLOSER REPLACE						0%		-			-	0%
	MX8634533	TDSIC - ELECTRONIC RECLOSER REPLAC						0%		-			-	0%
Recloser Controls Upgrades / Replacement Total								**0%**		**-**			**-**	**0%**
Sectionalization	I5R867428	CS 8647428 West Lafayette 1225						46%						64%
	I5R647343	CS 8647343 Batesville Hil						0%		-			-	0%
	I5R647381	CS 8647381 Nashville 1211						0%		-			-	0%
	I5R100991	CS 6100991 Bloomfield 1203		-			0	0%		-			-	0%
	I5R647549	CS 8647549 Judson Pike 1297		-			0	0%		-			-	0%
	I5R647341	CS 8647341 Austin 1203 in		-			0	0%		-			-	0%
	I5R647357	CS 8647357 Columbus South					0	0%		-			-	0%
	I5R647404	CS 8647404 Shelbyville SW		-			0	0%		-			-	0%
	I5R168985	S5RFS 9168985 1461 New Al						0%		-			-	0%
	I5R647358	CS 8647358 Concord Rd 1251		-			0	0%		-			-	0%
	I5R647351	cs 8647351 Brownstown 120		-			0	0%		-			-	0%
	I5R647569	CS 8647569 TH 13th St 1243		-			0	0%		-			-	0%
	MX9964889	CIRCUIT SECTIONALIZATION~KOKOMO WE		-			0	0%		-			-	0%
	I5R647344	CS 8647344 Batesville Hil		-			0	0%		-			-	0%
	I5R647512	SC 8647512 Carthage 1201						0%		-			-	0%
	I5R647365	CS 8647365 Connersville						0%		-			-	0%
	I5R647356	CS 8647356 Col South 1272		-			0	0%		-			-	0%
	I5R647375	CS 8647375 Hanover 34/12		-			0	0%		-			-	0%
	I5R647336	CS 8647336 Allendale 1283					0	0%					-	0%
	I5R647379	CS 8647379 Laf South 1232		-			0	0%		-			-	0%
	I5R647405	CS 8647405 Shelbyville SW		-			0	0%		-			-	0%
	I5R281788	CS 9281788 TH Deming St 1223					0	0%		-			-	0%
	I5R281762	CS 9281762 TH Deming St 1222						-23%		-			-	0%
	I5R281854	CS 9281854 TH 29th St 1216		-			0	0%		-			-	0%

Details by Functional Category - D Line by Project Category by Project
Investments for Projects In-service by 12/31/19

			Captial						O&M					
			Actual			Estimate	Variance		Actual			Estimate	Variance	
Distribution Line Details	Project ID CB	Project Short Descr CB	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative In-Service Value	Filed TDSIC-8 Plan (In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative Value (Related to In-Service Investments)	Filed TDSIC-8 Plan (Related to In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance
	I5R168801	CS 9168801 TH 29TH St 1211		-			0	0%		-			-	0%
	I5R647398	CS 8647398 Seymour 138 12						1%		-			-	0%
	MX8647559	TDSIC INSTALL SECTIONALIZING DEVICE						0%		-			-	0%
	MX8647560	TDSIC INSTALL SECTIONALIZING DEVICE						-17%		-			-	0%
	I5R647359	CS 8647359 Concord Re 1253		-			0	0%		-			-	0%
	I5R647349	CS 8647349 Brownsburg 120		-			0	0%		-			-	0%
	I5R647430	CS 8647430 Westfield 1276		-			0	0%		-			-	0%
	I5R647416	CS 8647416 TH 6th St 1288		-			0	0%		-			-	0%
	MX8647492	TDSIC INSTALL SECTIONALIZING DEVICE		-			0	0%		-			-	0%
	I5R647570	CS 864757o TH 13th St.1244		-			0	0%		-			-	0%
	I5R281797	CS 9281797 TH Deming St 1201		-			0	0%		-			-	0%
	I5R647591	CS 8647591 Whitesville 1202						0%					-	0%
	MX8647499	TDSIC INSTALL SECTIONALIZING DEVICE		-			0	0%		-			-	0%
	MX8647500	TDSIC INSTALL SECTIONALIZING DEVICE		-			0	0%		-			-	
	I5R647556	CS 8647556 Morristown 1201		-			0	0%		-			-	
	MX8647890	TDSIC INSTALL SECTIONALIZING DEVICE		-			0	0%		-			-	0%
	I5R647394	CS 8647394 Rossville 1201						0%		-			-	0%
	MX8647933	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%		-			-	0%
	MX8647585	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%		-			-	0%
	I5R647395	CS 8647395 Rossville 1205					0	0%		-			-	0%
	MX8647532	TDSIC Circuit Sectionalization						1%		-			-	0%
	MX8647533	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%		-			-	
	I5R647362	CS 8647362 Concord Rd 1256					0	0%		-			-	0%
	I5R647342	CS 8647342 Hillenbrand 1201					0	0%		-			-	0%
	I5R647334	S5RFS 8647334 Allendale.					0	0%		-			-	0%
	I5R647335	S5RFS 8647335 Allendale.					0	0%		-			-	0%
	MX8647579	TDSIC INSTALL SECTIONALIZING DEVICE						30%					-	0%
	MX8647578	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%					-	0%
	I5R281729	CS 9281729 TH Deming St 1221					0	0%		-			-	0%
	MX8647847	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%		-			-	0%
	MX8647642	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%		-			-	0%
	MX8647583	TDSIC INSTALL SECTIONALIZING DEVICE						-170%						-97%
	MX8647520	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%		-			-	0%
	I5R647552	S5RFS 8647552 1240 Madiso		-			0						-	0%
	I5R647571	CS 8647571 TH 13th St 124					0	0%		-			-	
	MX8647582	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%					-	0%
	MX1912329	Customer Complaint MXCONV-CIRCUIT S						-2%					-	0%
	MX8647796	TDSIC INSTALL SECTIONALIZING DEVICE						7%						0%
	MX8647577	TDSIC INSTALL SECTIONALIZING DEVICE						0%					-	0%
	I5R647514	CS 8647514 Cayuga 1202					0	0%		-			-	0%
	MX8492190	TDSIC INSTALL SECTIONALIZING DEVICE						0%		-			-	0%
	MX8647493	TDSIC INSTALL SECTIONALIZING DEVICE						0%					-	0%
	MX8647801	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%		-			-	0%
	I5R647337	CS 8647337 Allendale 1284					0	0%		-			-	0%
	MX8647694	TDSIC INSTALL SECTIONALIZING DEVICE						0%					-	0%
	MX8647829	TDSIC INSTALL SECTIONALIZING DEVICE						0%					-	0%
	MX8647825	TDSIC INSTALL SECTIONALIZING DEVICE						0%					-	0%
	MX8647848	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%		-			-	0%
	MX8647584	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%		-			-	0%
	MX8647937	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%		-			-	
	I5R647523	CS 8647523 SECTIONALIZATI					0	0%		-			-	0%
	I5R168976	S5RFS 9168976 1407 New Al						3%		-			-	0%
	MX8647767	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%		-			-	
	MX8647936	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%		-			-	

Details by Functional Category - D Line by Project Category by Project
Investments for Projects In-service by 12/31/19

			Captial						O&M					
			Actual			Estimate	Variance		Actual			Estimate	Variance	
Distribution Line Details	Project ID CB	Project Short Descr CB	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative In-Service Value	Filed TDSIC-8 Plan (In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative Value (Related to In-Service Investments)	Filed TDSIC-8 Plan (Related to In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance
	MX8647580	TDSIC INSTALL SECTIONALIZING DEVICE						0%					-	0%
	MX8647581	TDSIC INSTALL SECTIONALIZING DEVICE						0%					-	0%
	MX8647827	TDSIC INSTALL SECTIONALIZING DEVICE						0%					-	0%
	I5R647376	CS 8647376 Toby Pike 1266						26%		-			-	0%
	I5R647563	CS 8647563 Russiaville 1266					0	0%		-			-	0%
	I5R647551	CS 8647551 Mackey 1221					0	0%		-			-	0%
	I5R647574	S5RSF 8647574 Sandcut.						0%					-	0%
	8647368E	eMax #8647368-Circuit Sec		-			0			-			-	0%
	I5R647542	CS 8647542 Washington St						-1%		-			-	0%
	I5R647378	CS 8647378 Toby Pike 1268						0%		-			-	0%
	MX8647893	TDSIC INSTALL SECTIONALIZING DEVICE						0%					-	0%
	I5R647384	CS 8647384 New Goshen 1203						0%		-			-	0%
	MX8647765	TDSIC INSTALL SECTIONALIZING DEVICE						0%					-	0%
	MX8647517	TDSIC INSTALL SECTIONALIZING DEVICE						0%					-	0%
	MX8647865	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%		-			-	0%
	MX8647546	TDSIC INSTALL SECTIONALIZING DEVICE						-1%		-			-	
	MX8647920	TDSIC INSTALL SECTIONALIZING DEVICE					0	0%		-			-	0%
	MX8647698	TDSIC INSTALL SECTIONALIZING DEVICE						3%					-	0%
	MX8647738	TDSIC INSTALL SECTIONALIZING DEVICE						0%					-	0%
	MX8647518	MXCONV-CIRCUIT SECTIONALIZATION~CHI					0	0%		-			-	0%
	MX8647693	TDSIC INSTALL SECTIONALIZING DEVICE						0%					-	0%
	MX2782198	CIRCUIT SECTIONALIZATION~NEW ALBANY					0	0%		-			-	0%
	I5R281834	CS 9281834 TH 29th St 1213						5%		-			-	0%
	I5R647519	CS 8647519 CHIPPEWA 1287					0	0%					-	0%
	I5R647590	CS 8647590 Staunton 3405						0%					-	0%
	I5R647550	CS 8647550 Kok Judson Pike 1298					0	0%					-	0%
	I5R647539	S5RFS 8647539 Fishers 123						1%		-			-	0%
	I5R647537	S5RFS 8647537 Fishers~1233						0%		-			-	0%
	I5R647543	CS 8647543 Washington St		-				0%		-			-	0%
	MX9168861	TDSIC INSTALL SECTIONALIZING DEVICE		-				0%		-			-	0%
	I5R647377	CS 8647377 Toby Pike 1267		-				0%		-			-	0%
	MX8647864	TDSIC INSTALL SECTIONALIZING DEVICE						0%					-	0%
	MX8647822	TDSIC INSTALL SECTIONALIZING DEVICE		-				0%		-			-	0%
	I5R647540	CS 8647540 Geist 1261		-				4%		-			-	0%
	I5R647538	CS 8647538 Fishers 1236		-			0	0%		-			-	
	I5R647557	CS 8647557 NM 9th St 1221						1%					-	0%
	I5R647524	CS 8647524 Cloverdale 1221						0%					-	0%
	MX8647576	TDSIC INSTALL SECTIONALIZING DEVICE						0%					-	0%
	I5R168835	CS 9168835 TH 25th St 1231					0	0%					-	0%
	I5R647415	CS 8647415 TH 6th St 1287		-			0	0%		-			-	0%
	MX8647516	TDSIC INSTALL SECTIONALIZING DEVICE		-				4%		-			-	0%
	MX8647521	TDSIC INSTALL SECTIONALIZING DEVICE		-				-85%		-				139%
	MX8647832	TDSIC INSTALL SECTIONALIZING DEVICE		-				3%		-			-	0%
	I5R168848	CS 9168848 TH 25th St 1232		-			0	0%		-			-	0%
	I5R647501	CS 8647501 Meadow Park 1281		-			0	0%		-			-	0%
	MX8647575	TDSIC INSTALL SECTIONALIZING DEVICE		-				-2%		-			-	0%
Sectionalization Total								**0%**						**0%**
Self-Healing Teams	MX2310410	SOG- SHT # 28~ DISTRIBUTION AUTOMAT		-			0	0%		-			-	0%
	MX7240533	SHT # 25~DISTRIBUTION AUTOMATION~BL		-						-				
	MX7450745	SOG-SHT # 29~ DISTRIBUTION AUTOMATI		-			0	0%		-			-	0%
	MX2310563	TDSIC INSTALL OF SELF HEALING NEWTW					0	0%					-	0%
	I5D615357	SH 8615357 Avon East 1202						0%					-	0%
	I5D614961	SH 8614961 Princeton 1206		-			0	0%		-			-	0%
	I5D251734	DA 8251734 Webster 1231		-			0	0%		-			-	0%

Details by Functional Category - D Line by Project Category by Project
Investments for Projects In-service by 12/31/19

			Captial						O&M					
			Actual			Estimate	Variance		Actual			Estimate	Variance	
Distribution Line Details	Project ID CB	Project Short Descr CB	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative In-Service Value	Filed TDSIC-8 Plan (In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative Value (Related to In-Service Investments)	Filed TDSIC-8 Plan (Related to In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance
	I5D615929	SH 8615929 Huntington North 1232		-			0	0%		-			-	0%
	MX2310502	SOG-SHT # 29~ DISTRIBUTION AUTOMATI		-			0	0%		-			-	0%
	MX2320976	TDSIC INSTALL OF SELF HEALING NEWTW		-			0	0%		-			-	0%
	MX2310619	SOG-SHT # 30~ DISTRIBUTION AUTOMATI		-			0	0%		-			-	0%
	MX8614959	TDSIC INSTALL OF SELF HEALING NEWTW		-				0%		-			-	0%
	MX8615540	TDSIC INSTALL OF SELF HEALING NEWTW		-				-1%		-			-	0%
	MX1746465	SELF-HEALING TEAM 39~BRAZIL~1201		-				0%		-			-	0%
	I5D614730	DA 8614730 Concord Rd 1251		-			0	0%		-			-	0%
	MX8615363	TDSIC INSTALL OF SELF HEALING NEWTW		-				0%		-			-	0%
	I5D615935	SH 8615935 Carmel 146th St		-			0	0%		-			-	0%
Self-Healing Teams Total								**0%**					**-**	**0%**
Surface Mounted Equipment Follow-up (SMEI)	SMFUIN	SMEI Indiana		-				103%		-				100%
	IS5SMF	Line Pat SMEI Insp Repl-TDSIC		-						-				
	IPADINSX	OM Padmount Inspections		-			0			-				
	IS5D1PH	1 PH Transformer Replace Dry-TDISC												
	IS5D3PH	3 PH Transformer Replace Dry-TDISC		-						-				
	IS5O1PH	1 PH Transformer Replac Leak-TDISC		-						-				
	IS5O3PH	3 PH Transformer Replac Leak-TDISC		-						-				
Surface Mounted Equipment Follow-up (SMEI) Total								**-4%**						**50%**
Three Phase Switch Replacement	I5D620043	SW 8620043 16th St Jct #1		-						-				
	I5D621802	SW 8621802 Dana Town #1		-			0	0%		-			-	0%
	I5D621029	S5DLS 8621029 - 3PH SWITC		-				-10%		-			-	0%
	I5D620054	SW 8620054 Forsythe 1201.		-						-				
	MX8621811	TDSIC REPLACEMENT OF 3 PH SWITCHES		-				0%		-			-	0%
	MX8621810	MXCONV-3 PHASE SWITCH REPLACEMENT		-				0%		-			-	0%
	MX8621030	TDSIC REPLACEMENT OF 3 PH SWITCHES		-				21%		-			-	0%
	I5D621784	SW 8621784 - 3 PH SWITCH					0	0%					-	0%
	I5D621267	SW 8621267 Hospital #2R 2						-3%					-	0%
	MX8621251	TDSIC REPLACEMENT OF 3 PH SWITCHES					0	0%					-	0%
	I5D621803	SW 8621803 Judson Dr 2019		-				29%		-			-	
	MX8621031	TDSIC REPLACEMENT OF 3 PH SWITCHES		-			0	0%		-			-	0%
	MX8621275	MXCONV-3 PHASE SWITCH REPLACEMENT		-				0%		-			-	0%
	MX8621278	TDSIC REPLACEMENT OF 3 PH SWITCHES		-			0	0%		-			-	0%
	MX8621812	TDSIC REPLACEMENT OF 3 PH SWITCHES		-			0	0%		-			-	0%
	I5D620045	SW 8620045 6th Street JCT					0	0%					-	0%
	MX8621002	TDSIC REPLACEMENT OF 3 PH SWITCHES					0	0%					-	
	MX8621793	MXCONV-3 PHASE SWITCH REPLACEMENT											-	
	MX8621033	TDSIC REPLACEMENT OF 3 PH SWITCHES		-			0	0%		-			-	0%
	I5D621015	S5DLS 8621015 Walnut St.		-				2%		-			-	
	MX8621259	TDSIC REPLACEMENT OF 3 PH SWITCHES		-			0	0%		-			-	0%
	MX8620062	TDSIC REPLACEMENT OF 3 PH SWITCHES		-			0	0%		-			-	0%
	MX8620063	TDSIC REPLACEMENT OF 3 PH SWITCHES					0	0%					-	0%
Three Phase Switch Replacement Total								**-11%**						**0%**
Transformer Retrofit	CSPIN5	Transformer retrofit IN		-		0				-			-	
Transformer Retrofit Total				**-**		**-**			**-**	**-**	**-**	**-**	**-**	
Ungrounded 34.5 KV Delta Capacitor Bank Oil Switch	MX8723589	TDSIC-REPLACE UNGROUNDED 34.5kV DE					0	0%					-	
	MX2230451	TDSIC-REPLACE UNGROUNDED 34.5kV DE						3%					-	0%
	MX2230769	TDSIC-REPLACE UNGROUNDED 34.5kV DE						3%					-	0%
Ungrounded 34.5 KV Delta Capacitor Bank Oil Switch Total								**1%**					**-**	**0%**
Underground Cable Replacement	I5R379149	UGC 9379149 Fodrea Community		-				69%		-			-	0%
	I5R989692	UGC 9989692 Clinton St		-				20%		-			-	0%
	I5R506770	UG 10506770 Audobon Park		-				0%		-			-	0%
	I5R610595	UGC 10610595 Lafayette Shadeland		-			0	0%		-			-	0%
	I5R080123	UG 11080123 10200 E 1200		-			0	0%		-			-	0%

Details by Functional Category - D Line by Project Category by Project
Investments for Projects In-service by 12/31/19

			Captial						O&M					
			Actual			Estimate	Variance		Actual			Estimate	Variance	
Distribution Line Details	Project ID CB	Project Short Descr CB	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative In-Service Value	Filed TDSIC-8 Plan (In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative Value (Related to In-Service Investments)	Filed TDSIC-8 Plan (Related to In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance
	I5R168037	UG 11168037 Peppermill Ap		-				-4%		-			-	0%
	I5R850745	UGC 20850745 Blue Slopes						3%					-	0%
	I5R554962	UGC 11554962 1085 Market		-				0%		-			-	0%
	I5R022249	S5RUC 21022249 Varsity Vi		-			0	0%		-			-	0%
	MX6533004	UG Primary Cable Replacement; River					0	0%					-	0%
	I5R602906	UGC 20602906 Charles Young		-				-10%		-			-	0%
	MX9047240	TDSIC REPLACEMENT OF PRIMARY UG 1/0		-			0	0%		-			-	0%
	MX9121371	TDSIC-REPLACEMENT OF PRIMARY UG LAR		-				0%		-			-	0%
	I5R822476	UG 10822476 Russel Arnold						8%					-	0%
	MX1021920	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	0%
	MX9495242	TDSIC-REPLACEMENT OF PRIMARY UG LAR		-				0%		-			-	0%
	MX9367385	TDSIC-REPLACEMENT OF PRIMARY UG LAR					0	0%					-	0%
	MX9809601	TDSIC REPLACEMENT OF PRIMARY UG 1/0		-				3%		-			-	0%
	MX0226325	TDSIC REPLACEMENT OF PRIMARY UG 1/0		-				4%		-			-	0%
	MX9778485	TDSIC REPLACEMENT OF PRIMARY UG 1/0		-				12%		-			-	0%
	MX9726079	TDSIC REPLACEMENT OF PRIMARY UG 1/0						3%					-	0%
	MX9875641	TDSIC REPLACEMENT OF PRIMARY UG 1/0						1%					-	0%
	MX9948984	TDSIC REPLACEMENT OF PRIMARY UG 1/0						8%					-	0%
	MX0178627	TDSIC REPLACEMENT OF PRIMARY UG 1/0		-				1%		-			-	0%
	MX0338995	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	0%
	MX0344840	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	0%
	MX8975395	TDSIC-REPLACEMENT OF PRIMARY UG LAR					0	0%					-	
	MX0416247	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	
	MX9791977	TDSIC REPLACEMENT OF PRIMARY UG 1/0						-2%					-	
	MX9936775	TDSIC-REPLACEMENT OF PRIMARY UG LAR		-				1%		-			-	
	MX0573996	TDSIC REPLACEMENT OF PRIMARY UG 1/0		-				0%		-			-	
	MX0755800	TDSIC REPLACEMENT OF PRIMARY UG 1/0						4%					-	
	MX2631051	UG Primary Cable Replacement; Pole						0%					-	
	MX9850063	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX1183913	TDSIC REPLACEMENT OF PRIMARY UG 1/0		-				0%		-			-	
	MX0437307	TDSIC REPLACEMENT OF PRIMARY UG 1/0		-			0	0%		-			-	
	I5R472310	UGC 10472310 Southern View					0	0%					-	0%
	I5R082678	UG 10082678 380 Graystone		-				-5%		-			-	0%
	MX1584837	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	0%
	MX6428664	UG Primary Cable Replacement; Wal-M					0	0%					-	0%
	MX6428799	UG Primary Cable Replacement; Golfv					0	0%					-	0%
	MX6275842	UG Primary Cable Replacement; Woodv						-2%					-	0%
	MX6274435	UG Primary Cable Replacement; The W		-			0	0%		-			-	0%
	MX6276024	UG Primary Cable Replacement; Middl		-			0	0%		-			-	0%
	MX2372798	UG Primary Cable Replacement; North						2%					-	0%
	I5R042228	UGC 8042228 BLM Rogers St						1%						0%
	MX2261310	UG Primary Cable Replacement; Pole		-			0	0%		-			-	0%
	MX2261396	UG Primary Cable Replacement; 715 S					0	0%					-	0%
	I5R349268	UGC 8349268 Meadow Park 1283						0%					-	0%
	MX2452780	UG Primary Cable Replacement; Jacly					0	0%					-	0%
	I5R415758	UGC 8415758 Dunn St 1228						-17%					-	0%
	MX1204631	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	0%
	I5R785024	UGC 20785024 321 E. 14th						0%						0%
	I5R415812	UGC 8415812 Dunn St 1226						-13%					-	0%
	I5R415586	UGC 8145586 Rogers St 120						-4%					-	0%
	MX9061869	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	0%
	MX8886997	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	0%
	I5R250090	UGC 9250090 Pole 609-242						0%					-	0%
	I5R722955	UGC 9722955 Franklin Comm						1%					-	0%

PETITIONER'S EXHIBIT 1-G (CMH)
IURC Cause No. 44720 TDSIC-9

Details by Functional Category - D Line by Project Category by Project
Investments for Projects In-service by 12/31/19

			Captial						O&M					
			Actual			Estimate	Variance		Actual			Estimate	Variance	
Distribution Line Details	Project ID CB	Project Short Descr CB	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative In-Service Value	Filed TDSIC-8 Plan (In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative Value (Related to In-Service Investments)	Filed TDSIC-8 Plan (Related to In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance
	MX9169015	TDSIC REPLACEMENT OF PRIMARY UG 1/0						-15%					-	0%
	MX9900970	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	0%
	MX2631299	UG Primary Cable Replacement; Colon						0%					-	
	MX2487519	UG Primary Cable Replacement; Water					0	0%					-	
	MX9318485	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX0415759	TDSIC REPLACEMENT OF PRIMARY UG 1/0						2%	0		-		-	
	MX8476244	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX6276822	UG Primary Cable Replacement; Bickn					0	0%					-	
	MX9725991	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	0%
	MX0225466	TDSIC REPLACEMENT OF PRIMARY UG 1/0						2%					-	
	I5R346000	UGC 8346000 Hope 1261 2018						0%					-	
	MX9778712	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX2487613	UG Primary Cable Replacement; Knebe						0%					-	
	MX1349430	TDSIC REPLACEMENT OF PRIMARY UG 1/0						-9%					-	
	MX2630993	UG Primary Cable Replacement; North						0%					-	
	MX1566002	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX1624810	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	
	MX9977233	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	
	MX6532751	UG Primary Cable Replacement; Pole					0	0%					-	
	MX0573667	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	
	MX1739907	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	
	MX6276269	UG Primary Cable Replacement; Pole					0	0%					-	
	MX1090973	TDSIC-REPLACEMENT OF PRIMARY UG LAR					0	0%					-	
	MX2452722	UG Primary Cable Replacement; Mason					0	0%					-	
	MX2360613	UG Primary Cable Replacement; Jeffe						0%					-	
	MX1764021	TDSIC REPLACEMENT OF PRIMARY UG 1/0						1%					-	
	MX9148693	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	
	MX1367640	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX9875775	TDSIC REPLACEMENT OF PRIMARY UG 1/0						1%					-	
	MX0339681	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX2487558	UG Primary Cable Replacement; Schoo						0%					-	
	MX6428324	UG Primary Cable Replacement; Georg					0	0%					-	
	MX2631126	UG Primary Cable Replacement; Villa						1%					-	
	MX9193196	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	
	MX2245649	TDSIC REPLACEMENT OF PRIMARY UG 1/0						1%					-	
	MX2487459	UG Primary Cable Replacement; Ivy P						0%					-	
	I5R789102	UGC 11789102 French Lick						10%					-	0%
	MX2261333	UG Primary Cable Replacement; Britt					0	0%					-	0%
	MX2372748	UG Primary Cable Replacement; Meado					0	0%					-	0%
	MX6275725	UG Primary Cable Replacement; Minni						0%					-	0%
	MX2360496	UG Primary Cable Replacement; White						-4%					-	0%
	MX2261485	UG Primary Cable Replacement; 2642					0	0%					-	0%
	I5R210221	UG 21022190 South Mapleton						0%					-	0%
	MX2299721	UG Primary Cable Replacement; Comme					0	0%					-	0%
	MX1377331	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX6392423	UG Primary Cable Replacement; Pole						0%					-	
	MX1626492	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	
	I5R986866	UGC 9986866 323 Duke Creek						8%					-	
	I5R029027	UG 21029027 Brown Co State Park						0%					-	
	MX2165377	UG Primary Cable Replacement; Green						7%					-	0%
	MX6428451	UG Primary Cable Replacement; Fires						0%						0%
	MX1772429	MXCONV-CAPITAL-UG Primary Cable Rep						4%					-	0%
	MX7052311	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0						-	
	MX9320342	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	0%

PETITIONER'S EXHIBIT 1-G (CMH)
IURC Cause No. 44720 TDSIC-9

Details by Functional Category - D Line by Project Category by Project
Investments for Projects In-service by 12/31/19

			Captial						O&M					
			Actual			Estimate	Variance		Actual			Estimate	Variance	
Distribution Line Details	Project ID CB	Project Short Descr CB	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative In-Service Value	Filed TDSIC-8 Plan (In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative Value (Related to In-Service Investments)	Filed TDSIC-8 Plan (Related to In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance
	I5R416615	UGC 8416615 Smith Rd 1231						7%					-	0%
	MX1045334	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX1430441	TDSIC-REPLACEMENT OF PRIMARY UG LAR					0	0%					-	
	MX2025776	UG Primary Cable Replacement; Pole					0	0%					-	
	MX1204684	TDSIC REPLACEMENT OF PRIMARY UG 1/0						9%					-	
	MX1286994	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX0850704	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX0946036	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	
	MX0075867	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	
	MX7720630	TDSIC REPLACEMENT OF PRIMARY UG 1/0						1%					-	
	MX1955012	TDSIC REPLACEMENT OF PRIMARY UG 1/0						1%					-	
	MX1793866	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX2058365	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX6275000	UG Primary Cable Replacement; Clear					0	0%					-	
	MX2163008	TDSIC REPLACEMENT OF PRIMARY UG 1/0						100%						100%
	MX2025647	UG Primary Cable Replacement; Fair						0%					-	0%
	MX6735609	UG Primary Cable Replacement; Town					0	0%					-	0%
	MX6571721	UG Primary Cable Replacement; Girl					0	0%					-	0%
	I5R415678	UGC 8415678 BLM Rogers St					0	0%					-	0%
	MX0757150	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX6277082	UG Primary Cable Replacement; Good					0	0%					-	
	MX1357134	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX6532860	UG Primary Cable Replacement; Parkv						0%					-	0%
	MX0909886	TDSIC REPLACEMENT OF PRIMARY UG 1/0						-4%					-	0%
	MX6708010	UG Primary Cable Replacement; Count						0%					-	
	MX6392651	UG Primary Cable Replacement; Hicko					0	0%					-	
	MX6572763	UG Primary Cable Replacement; Fox R						0%					-	
	MX2200596	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX0246077	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%					-	
	MX2452641	UG Primary Cable Replacement; Timbe						-2%					-	
	MX1397494	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%		-			-	
	MX0535852	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%		-			-	
	MX2452982	UG Primary Cable Replacement; Hunte						0%		-			-	
	MX6274756	UG Primary Cable Replacement; Oak M					0	0%		-			-	
	MX6532421	UG Primary Cable Replacement; Pole					0	0%		-			-	
	MX2246833	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%		-			-	
	MX6275177	UG Primary Cable Replacement; Court					0	0%		-			-	
	MX2162478	TDSIC REPLACEMENT OF PRIMARY UG 1/0	-	-	-		0			-			-	
	MX2162771	TDSIC REPLACEMENT OF PRIMARY UG 1/0						100%		-			-	
	I5R348787	UGC 8348787 Villa InThe Woods						-4%		-			-	
	I5R335924	UGC 8335924 Cumberland Ave 1271						0%		-			-	
	MX1397509	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%		-			-	
	MX1566249	TDSIC REPLACEMENT OF PRIMARY UG 1/0						2%		-			-	
	MX1584939	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%		-			-	
	MX2194484	UG Primary Cable Replacement; Oak M						9%		-			-	0%
	MX2372623	UG Primary Cable Replacement; Water					0	0%		-			-	0%
	MX2528290	UG Primary Cable Replacement; South					0	0%		-			-	0%
	MX2676253	UG Primary Cable Replacement; Harre						0%		-			-	0%
	MX6277190	UG Primary Cable Replacement; Oakri						0%		-			-	0%
	I5R416716	UG 8416716 Allendale 1282						34%		-			-	0%
	MX9977115	TDSIC-REPLACEMENT OF PRIMARY UG LAR						0%		-			-	
	MX2528524	UG Primary Cable Replacement; Georg						0%		-			-	
	MX6277392	UG Primary Cable Replacement; Pole					0	0%		-			-	0%
	MX1976649	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%		-			-	

Details by Functional Category - D Line by Project Category by Project Investments for Projects In-service by 12/31/19

			Captial						O&M					
			Actual			Estimate	Variance		Actual			Estimate	Variance	
Distribution Line Details	Project ID CB	Project Short Descr CB	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative In-Service Value	Filed TDSIC-8 Plan (In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative Value (Related to In-Service Investments)	Filed TDSIC-8 Plan (Related to In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance
	MX2165413	UG Primary Cable Replacement; White						0%		-			-	
	MX1357052	TDSIC REPLACEMENT OF PRIMARY UG 1/0						7%		-			-	
	MX6392509	UG Primary Cable Replacement; Pole					0	0%		-			-	0%
	MX6533113	UG Primary Cable Replacement; JOHN						0%		-			-	
	MX6541007	UG Primary Cable Replacement; Cool						0%		-			-	
	MX1045953	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%		-			-	
	MX6392312	UG Primary Cable Replacement; Roche					0	0%		-			-	
	MX1566708	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%		-			-	0%
	MX6532542	UG Primary Cable Replacement; Meado						0%		-			-	
	MX6540948	UG Primary Cable Replacement; Doe C						0%		-			-	
	MX2025549	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%		-			-	
	MX2162042	TDSIC REPLACEMENT OF PRIMARY UG 1/0						100%						100%
	MX2161741	TDSIC REPLACEMENT OF PRIMARY UG 1/0	-	-	-		0		0					
	MX2162881	TDSIC REPLACEMENT OF PRIMARY UG 1/0						100%						100%
	I5R080977	UGC 11080977 Spicewood II						1%		-			-	0%
	I5R784582	UGC 20784582 Columbus Airport					0	0%		-			-	0%
	MX2165335	UG Primary Cable Replacement; Meado						0%		-			-	0%
	MX6276927	UG Primary Cable Replacement; Schwa						0%		-			-	0%
	MX6571937	UG Primary Cable Replacement; Pole					0	0%		-			-	0%
	MX2630919	UG Primary Cable Replacement; Mayfi						0%		-			-	0%
	MX1740049	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%					-	0%
	MX2194390	UG Primary Cable Replacement; Pole						4%		-			-	0%
	MX7934408	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%		-			-	0%
	MX2040697	UG Primary Cable Replacement; Limbe						0%	0	-	-		-	
	MX2631186	UG Primary Cable Replacement; Salem						0%		-			-	
	MX2194143	UG Primary Cable Replacement; Pole					0	0%		-			-	
	MX2300171	UG Primary Cable Replacement; Fewel						0%		-			-	0%
	MX1992331	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%		-			-	
	MX1566777	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%	0	-	-		-	
	MX1599423	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%		-			-	
	MX2261274	UG Primary Cable Replacement; Count						0%		-			-	
	MX2300103	UG Primary Cable Replacement; Polo						0%		-			-	0%
	MX2372701	UG Primary Cable Replacement; Pole						0%		-			-	0%
	MX6428047	UG Primary Cable Replacement; Coven						0%		-			-	0%
	MX6571833	UG Primary Cable Replacement; Jacks						9%		-			-	0%
	I5R39174	UGC 9239174 Village Green					0	0%		-			-	0%
	MX1594423	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%		-			-	
	MX1977001	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%		-			-	
	MX6428549	UG Primary Cable Replacement; Hallm						0%		-			-	
	MX2194190	UG Primary Cable Replacement; Royal					0	0%		-			-	
	MX1772454	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%		-			-	
	MX2314790	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%		-			-	
	MX6275513	UG Primary Cable Replacement; N Eme					0	0%		-			-	
	MX2360427	UG Primary Cable Replacement;Kautz						0%		-			-	
	MX4073987	TDSIC REPLACEMENT OF PRIMARY UG 1/0												
	MX6274859	UG Primary Cable Replacement; The L						0%		-			-	
	I5R209750	UGC 9209750 Cincinnati St					0	0%		-			-	0%
	MX2040472	UG Primary Cable Replacement; Wendy						0%		-			-	0%
	MX2040875	UG Primary Cable Replacement; Prest						0%		-			-	
	MX9184874	TDSIC REPLACEMENT OF PRIMARY UG 1/0					0	0%		-			-	
	MX2299622	UG Primary Cable Replacement; Vinto						0%		-			-	
	MX2194320	UG Primary Cable Replacement; North						0%		-			-	
	MX2676325	UG Primary Cable Replacement; South						0%		-			-	
	MX1720061	TDSIC REPLACEMENT OF PRIMARY UG 1/0						0%		-			-	

Details by Functional Category - D Line by Project Category by Project
Investments for Projects In-service by 12/31/19

			Captial						O&M					
			Actual			Estimate	Variance		Actual			Estimate	Variance	
Distribution Line Details	Project ID CB	Project Short Descr CB	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative In-Service Value	Filed TDSIC-8 Plan (In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative Value (Related to In-Service Investments)	Filed TDSIC-8 Plan (Related to In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance
Underground Cable Replacement Total								**1%**						**6%**
Underground Cable Injection	CABINJIN	Underground Cable Injection - IN		-				100%		-		0	-	
	IS5UCINJ	Res Cable Injection - TDSIC		-						-				
	I5U651404	UG 8651404 URD 130-3079-2								-				
	I5U651452	UG 8651452 URD 132-2832		-						-				
	I5U651398	UG 8651398 URD 132-3196		-						-				
	I5U651462	UGC 8651462 URD 550-1043								-				
	I5U358145	UG 8358145 Col 25th St 1243		-						-				
	I5U651415	CI 8651415 URD 512-1095		-						-				
	I5U361503	UG 8361503 121st St 1243		-						-				
	I5U354963	UG 8354963 URD-132-2754		-						-				
	I5U651406	CI 8651406 URD 516-1092								-				
	I5U651417	CI 8651417 URD 512-1006 2018								-				
	I5U651397	UG 8651397 URD 132-3010.									-		-	
	I5U658584	S5UCINJ 8658584 Bloomington NW		-						-			-	
	I5U651833	S5UCINJ 8651833 Smith Rd,		-						-			-	
	I5U651832	S5UCINJ 8651832 CI Bloomi		-						-			-	
	MX8657842	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8657843	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8658652	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	I5U651496	8651496 CI Harrodsburg. D		-						-			-	
	I5U651834	S5UCINJ 8651834 Bloomingt		-						-			-	
	I5U651513	UGC 8651513 URD 560-0456		-						-			-	
	I5U651831	S5UCINJ 8651831 Meadow Pa		-						-			-	
	MX8658608	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8658544	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8660018	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8659940	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8658587	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8658580	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8658547	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8659481	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8659597	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	I5U651873	S5UCINJ 8651873 Huntingto		-						-			-	
	I5U651933	S5UCINJ 8651933 CI W. Laf		-						-			-	
	I5U651936	S5UCINJ 8651936 Lafayette		-						-			-	
	I5U651841	CI 8651841 URD 512-1052		-						-			-	
	I5U651400	UG 8651400 URD 114-2962		-						-				
	MX8658699	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8660094	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	I5U651898	S5UCINj 8651898 Kokomo South Main		-						-			-	
	MX8659574	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8659995	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8659463	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8659538	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8659600	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8658686	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	I5U651853	S5UCINJ 8651853 Pike St.		-						-			-	
	MX8660160	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8659402	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8658663	MXCONV-PLANNED CABLE INJECTION URD								-			-	
	MX8659377	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8659372	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	
	MX8660121	MXCONV-PLANNED CABLE INJECTION URD		-						-			-	

Details by Functional Category - D Line by Project Category by Project
Investments for Projects In-service by 12/31/19

			Captial						O&M					
			Actual			Estimate	Variance		Actual			Estimate	Variance	
Distribution Line Details	Project ID CB	Project Short Descr CB	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative In-Service Value	Filed TDSIC-8 Plan (In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative Value (Related to In-Service Investments)	Filed TDSIC-8 Plan (Related to In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance
Underground Cable Injection Total								**0%**						
Capacitor Automation (Non-IVVC and IVVC)	CAPAUTOIN	Capacitor Automation - Indiana		-				99%		-		-		98%
	IS5CAPAT	Capacitor Automation - TDSIC		-						-				
Capacitor Automation (Non-IVVC and IVVC) Total				-				**5%**		-				**20%**
Circuit Conditioning Capacitor	I5C169400	CAP 9169400 Laf South 1236		-			0	0%		-			-	0%
	I5C169390	CAP 9169390 Concord Rd 1251		-			0	0%		-			-	0%
	I5C169411	CAP 9169411 Shelbyville 1211		-			0	0%		-			-	0%
	I5C169470	CAP 9169470 Nashville 1211		-			0	0%		-			-	0%
	I5C169396	CAP 9169396 Laf South 1231		-			0	0%		-			-	0%
	MX9169451	TDSIC ANALYZING CIRCUIT CAP AND IMP		-			0	0%		-			-	0%
	I5C169423	CAP 9169423 West Lafayette 1222		-			0	0%		-			-	0%
	I5C169399	CAP 9169399 Laf South 1232		-			0	0%		-			-	0%
	I5C169379	CAP 9169379 Hillenbrand 1201		-			0	0%		-			-	0%
	I5C169381	CAP 9169381 Hillenbrand 1203		-			0	0%						0%
	MX9169449	TDSIC ANALYZING CIRCUIT CAP AND IMP		-			0	0%		-			-	0%
	I5C169427	CAP 9169427 West Lafayette 1225						-1%		-			-	0%
	MX9169446	TDSIC ANALYZING CIRCUIT CAP AND IMP					0	0%		-			-	0%
	I5C169474	S5CAP 9169474 Seymour Air					0	0%		-			-	0%
	I5C169405	CAP 9169405 Rossville 1201						1%		-			-	0%
	I5C169391	CAP 9169391 Concord Rd 1252						0%		-			-	0%
	I5C169393	CAP 9169393 Hanover 1231					0	0%		-			-	0%
	MX9169486	TDSIC ANALYZING CIRCUIT CAP AND IMP						0%					-	0%
	MX9169478	TDSIC ANALYZING CIRCUIT CAP AND IMP						0%					-	0%
	MX9169482	TDSIC ANALYZING CIRCUIT CAP AND IMP					0	0%					-	0%
	MX9169481	TDSIC ANALYZING CIRCUIT CAP AND IMP						0%					-	0%
	I5C169487	CAP 9169487 Toad Hop 2019					0	0%					-	0%
	MX9169479	TDSIC ANALYZING CIRCUIT CAP AND IMP						0%					-	0%
	I5C169467	CAP 9169467 Lapel 1203						-1%		-			-	0%
Circuit Conditioning Capacitor Total								**0%**					-	**0%**
Circuit Conditioning Regulator	I5R383959	REG 8383959 Northwest 1271		-			0	0%		-			-	0%
	I5R169699	REG 9169699 Hillenbrand 1		-			0	0%		-			-	0%
	I5R169713	REG 9169713 Hanover 1231						5%		-			-	0%
	MX6477304	TDSIC ANALYZING CIRCUIT REG AND IMP						-15%					-	0%
	I5R169725	REG 9169725 Rossville 120		-			0	0%		-			-	0%
	I5R169787	REG 9169787 Lapel 1203						0%					-	0%
	I5R383957	REG 8383957 Meadow Park		-			0	0%		-			-	0%
	I5R169759	CCREG~BLOOMINGTON DILLMAN RD.~124						0%		-			-	0%
	I5R169765	REG 9169765 Brazil 1202		-			0	0%		-			-	0%
	I5R169697	REG 9169697 Arcadia 1204						24%		-			-	0%
	I5R169785	REG 9169785 Lapel 1201					0	0%		-			-	0%
Circuit Conditioning Regulator Total								**3%**					-	**0%**
Circuit Conditioning Reconductor	I5R417731	REC 8417731 Highland Park		-			0	0%		-			-	
	I5R170103	REC 9170103 Laf South 123		-				50%		-				40%
	I5R170078	REC 9170078 Laf South 1231		-				49%		-				3%
	I5R170110	REC 9170110 Rossville 1205						0%		-			-	0%
	9170071E	OM 9170071 Carmel 146th 1266		-			0			-			-	0%
	I5R170059	REC 9170059 Arcadia 1204						0%						0%
	I5R170169	REC 9170169 Lapel 1201						1%		-			-	0%
	I5R170170	REC 9170170 Lapel 1202						2%					-	0%
	I5R170172	REC 9170172 Lapel 1204						44%					-	0%
	I5C170147	REC 9170147 Brazil 1204						0%		-			-	0%
	I5R170153	REC 9170153 Clarks Hill 1202						0%		-			-	0%
	I5R170171	S5REC 9170171 Lapel. 1203						-11%					-	0%
	I5R170072	REC 9170072 Concord Rd 12						-5%		-			-	0%

Details by Functional Category - D Line by Project Category by Project
Investments for Projects In-service by 12/31/19

			Captial						O&M					
			Actual			Estimate	Variance		Actual			Estimate	Variance	
Distribution Line Details	Project ID CB	Project Short Descr CB	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative In-Service Value	Filed TDSIC-8 Plan (In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance	Prior Year Project Recovery Value	Prior Year In-Service Investments' Current Year Carryover Value	Total Cumulative Value (Related to In-Service Investments)	Filed TDSIC-8 Plan (Related to In-Service Investments)[1]	Actual vs. Filed TDSIC-8 Plan Variance	% Variance
	MX0918363	MXCONV-CIRCUIT CONDITIONING RECO					0	0%					-	0%
	I5R170190	REC 9170190 Toad Hop 2019					0	0%		-			-	0%
	MX0930373	MXCONV-CIRCUIT CONDITIONING RECOND						0%		-			-	0%
	8417236E	OM 8417236 State St 1207		-			0			-			-	0%
	I5R170183	REC 9170183 TH 13th St						-14%						0%
	MX0883933	CIRCUIT CONDITIONING RECONDUCTOR						0%					-	0%
	MX9170251	TDSIC ANALYZING CIRCUIT CONDUCTOR A						0%					-	0%
	I5C170146	REC 9170146 Brazil 1201						1%					-	0%
	MX9170175	TDSIC ANALYZING CIRCUIT CONDUCTOR A					0	0%		-			-	
	I5R170177	REC 9170177 Sellersburg 1201						-1%					-	0%
	I5R170139	S5REC 9170139 Allenda.						6%					-	0%
	MX0414650	TDSIC New Palestine 1202						11%					-	0%
	MX2031413	TDSIC New Palestine 1202						-2%					-	0%
	MX2031455	TDSIC New Palestine 1202						-6%					-	0%
Circuit Conditioning Reconductor Total								**2%**						**0%**
Line Voltage Regulator Controls Replacement	I5L329601	Ini		-			0	0%		-			-	
	I5L329624	S5LVR 21329624 Charlestow		-			0	0%		-			-	
	I5L378609	LVR 8378609 Bedford 1207						0%						100%
	I5L329619	S5LVR 21329619 Charlestow		-			0	0%		-			-	0%
	I5L620415	LVR 8620415 Urbana 1201					0						-	
	I5L378614	LVR 8378614 Smith Rd 1231		-			0	0%		-			-	0%
	MX8453364	MXCONV-(RETROFIT) LINE VOLTAGE REGU		-			0	0%		-			-	0%
	MX8623039	TDSIC REPLACE ANALOG VOLTAGE REG CO		-			0	0%		-			-	0%
	MX8622531	TDSIC REPLACE ANALOG VOLTAGE REG CO		-			0	0%		-			-	0%
	MX8623053	TDSIC REPLACE ANALOG VOLTAGE REG CO						-22%		-			-	0%
	MX8623054	TDSIC REPLACE ANALOG VOLTAGE REG CO		-			0	0%		-			-	0%
	MX8623055	TDSIC REPLACE ANALOG VOLTAGE REG CO						-11%		-			-	0%
	MX8623040	TDSIC REPLACE ANALOG VOLTAGE REG CO		-			0	0%		-			-	0%
	MX8623041	TDSIC REPLACE ANALOG VOLTAGE REG CO		-			0	0%		-			-	0%
	MX8134174	TDSIC REPLACE ANALOG VOLTAGE REG CO		-			0	0%		-			-	0%
	MX8620416	MXCONV-LINE VOLTAGE REGULATOR CONT		-			0	0%		-			-	0%
	MX8239508	MXINPG-LINE VOLTAGE REGULATOR CONT		-			0	0%		-			-	0%
	MX8620415	MXCONV-LINE VOLTAGE REGULATOR CONT						-2%		-			-	0%
	I5L651562	LVR 8621562 Lapel 138 (77						0%		-			-	0%
	MX8134389	MXINPG-LINE VOLTAGE REGULATOR CONT					0	0%		-			-	
	MX8235977	MXINPG-LINE VOLTAGE REGULATOR CONT					0	0%		-			-	
	I5L622262	LVR 8622262 Cayuga 1203		-			0	0%		-			-	
	I5L622263	LVR 8622263 Cayuga 1203 I		-			0	0%		-			-	
	I5L622264	LVR 8622264 Cayuga 1203 2		-			0	0%		-			-	
	MX8236090	TDSIC REPLACE ANALOG VOLTAGE REG CO					0	0%		-			-	0%
	MX8622270	TDSIC REPLACE ANALOG VOLTAGE REG CO					0	0%		-			-	0%
	MX8621538	TDSIC REPLACE ANALOG VOLTAGE REG CO					0	0%					-	0%
	MX8621537	TDSIC REPLACE ANALOG VOLTAGE REG CO					0	0%					-	0%
	MX2265127	(RETROFIT) LINE VOLTAGE REGULATOR C						5%		-			-	
	I5L621571	LVR 8621571 Princeton 1204					0	0%		-			-	
	MX8621539	TDSIC REPLACE ANALOG VOLTAGE REG CO					0	0%		-			-	0%
	I5L621526	LVR 8621526 Dillman Rd 1243					0	0%		-			-	0%
	I5L621527	LVR 8621527 Dillman Rd 1243					0	0%		-			-	0%
	I5L620404	LVR 8620404 Rossville 1205					0	0%		-			-	0%
	I5L621524	LVR 8621524 Dillman Rd 1242						-1%		-			-	0%
	MX8622526	TDSIC REPLACE ANALOG VOLTAGE REG CO						6%					-	0%
	MX8621543	TDSIC REPLACE ANALOG VOLTAGE REG CO					0	0%		-	-		-	
	MX8621545	MXCONV-LINE VOLTAGE REGULATOR CONT					0	0%	0	-	-		-	
Line Voltage Regulator Controls Replacement Total								**-1%**						**3%**

Details by Functional Category - D Line by Project Category by Project
Investments for Projects In-service by 12/31/19

			Captial						O&M					
			Actual			Estimate	Variance		Actual			Estimate	Variance	
Distribution Line Details	**Project ID CB**	**Project Short Descr CB**	**Prior Year Project Recovery Value**	**Prior Year In-Service Investments' Current Year Carryover Value**	**Total Cumulative In-Service Value**	**Filed TDSIC-8 Plan (In-Service Investments)[1]**	**Actual vs. Filed TDSIC-8 Plan Variance**	**% Variance**	**Prior Year Project Recovery Value**	**Prior Year In-Service Investments' Current Year Carryover Value**	**Total Cumulative Value (Related to In-Service Investments)**	**Filed TDSIC-8 Plan (Related to In-Service Investments)[1]**	**Actual vs. Filed TDSIC-8 Plan Variance**	**% Variance**
Dist System Costs Assoc with Trans Line Improvements	MX0677758	MX0677758		-			0	0%		-			-	0%
	MX6549774	69149 Underbuild Line Ident# 825.05		-				81%		-				100%
	T1046DL1	BLM Dunn 6991 UB DL Rebu		-			0	0%		-			-	0%
	T1734DL1	Spencer 3448 DL - 3448 Re					0	0%		-			-	0%
	INGLPR344	GLT 6960 821.01 Dist UB 2016 TDSIC		-			0	0%		-			-	0%
	T1540DL1	Bethlehem Sub DL Pole - TIN1540					0	0%		-		0	-	
	MX8321617	GLT 69116 804.79 Dist UB 2018					0						-	
	MX6850878	69162 Underbuild Line Ident# 834.50		-			0	0%		-			-	0%
	MX6548709	6928 Underbuild Line Ident# 930.46		-				51%		-				100%
	T1729DL1	AM 27177612 Covington TIN1729					0	0%		-			-	0%
	MX7817044	Bloomfield Mobile Connection - TIN1		-			0	0%		-			-	0%
	MX6850789	6945 Underbuild Line Ident# 838.43		-				81%		-				100%
	MX9341634	Flat Rock D-Line Exit Design Rewrit		-			0	0%		-			-	0%
	MX9951426	Danville 1231 Overhead Removal DL -		-			0	0%		-			-	0%
	MX0463753	69166 Rlbd Westlnd Ftntown UB TDSIC					0	0%		-			-	0%
	T1861DL2	69134 Rbld Jmstwn UB Part 2 - TIN18		-			0	0%		-		0	-	
	MX1400674	New Goshen Mobile Connections - TIN		-			0	0%		-		0	-	
	MX6323441	AM 26323441 UG Cable		-			0	0%		-		0	-	
	MX8486124	Jeffersvl Potter DL - TIN1744					0	0%		-			-	0%
	MX8473426	Arcadia DL Switching-Disconnects -		-			0	0%		-		0	-	
	MX6566006	Petersburg Rlbty Upg DL Poles - TIN		-			0	0%		-			-	0%
	MX9242111	Mitchell 69kV Mobile 8 TDSIC DL - T		-			0	0%		-		0	-	
	MX9948537	Middletown Rbty Low Side Mobile Set		-			0	0%		-			-	0%
	MX9342008	Columbus E 25th DL Switching -TIN17		-			0	0%		-		0	-	
	MX1619976	Gallagher P C Relo DL Work - AMIN07		-			0	0%		-		0	-	
	T1747DL1	N Terre Haute Rlbty Upg DL Work - T					0	0%		-		0	-	
	MX9113689	13802 Underbuild Line Ident# 828.02					0	0%		-			-	0%
	MX1560386	Urbana DL Work - TIN1821		-			0	0%		-		0	-	
	MX2171106	Laf Cinn Rlbty Upg Station Service						-23%		-		0	-	
	T1530DL1	Shrpsvl_Kok SE Rbld UB						-12%					-	0%
	I5R348787	UGC 8348787 Villa InThe Woods		-	-		0			-			-	
	INGLPR397	GLT 2017 6927 P2 Line 827.42 DIST U		-			0	0%		-			-	0%
	MX8637630	6963 Underbuild Line Ident# 876.41						13%						65%
	MX8451869	6975 Flt Rck DL UB - TIN1534						14%		-		0	-	
	MX9077096	69154 Underbuild Line Ident# 934.42					0	0%		-			-	0%
	MX9338411	Connersville 30th Street DL Switchi					0	0%		-		0	-	
	T1833DL1	Relocate 12kV - TIN1833					0	0%					-	0%
	MX1109753	Franklin Low Side Mobile TDSIC - TI					0	0%		-		0	-	
	MX1984305	Laf Cinn Rlbty Upg DL Work - TIN180					0	0%		-			-	0%
	T1818DL1	AM 22561717TH 25th St Dist Switches					0	0%		-			-	0%
	MX3768528	Westfield 69 - DL Transformer TDSIC					0	0%		-			-	0%
	T1281DL1	6919 Hillnbrnd_Anderson UB - TIN128					0	0%		-			-	0%
	MX2499745	GLT SP17 P2 6949 Line ID 825.01					0	0%		-			-	0%
	MX3719995	Laf SE Mobile Pole TDSIC-TIN2083					0	0%		-		0	-	
	MX1112735	Middlefork 6988 12kV UB Phase 2 - T					0	0%					-	0%
	MX9084533	69155 Underbuild Line Ident# 838.56					0	0%					-	0%
	MX1113535	Middlefork 6988 12kV UB Phase 3 - T						-19%					-	0%
	MX4363498	TH Spruce-Temp Mobile-DL-TIN1819					0	0%		-		0	-	
29 - Dist System Costs Assoc with Trans Line Improvements Total								**-7%**						**3%**
30-GIS MAPPING	IGISMAP	GIS Systm Updates for TDSIC GridMod		-			0			-			-	0%
30-GIS MAPPING Total			-	-		-	**0**			-			-	**0%**
Grand Total			**108,138,404**	**192,218**	**107,459,726**	**104,751,120**	**-2,708,606**	**-3%**	**11,455,247**	**2,187,635**	**11,666,344**	**10,229,969**	**(1,436,374)**	**-14%**

1. Only includes projects from TDSIC-8 Plan that did go into service in 2019 and excludes carryover estimates and Contingency.

VERIFICATION

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

Signed: Cicely M. Hart
Cicely M. Hart

Dated: April 28, 2021