



MTEP26 Project Information – Louisiana

Slide 20

Updated 9/8/2026

3rd South Subregional Planning Meeting

Friday, September 4, 2026

Purpose & Key Takeaway

Purpose

Review and discuss recommended MTEP26 projects

Key Takeaways

- The [MTEP Portal](#) was used to gather information and develop SPM materials. All data was pulled on August 19, 2026. To view all MTEP project details, please visit the [MTEP Portal](#).
- Additionally, quarterly status reports are available on the [MTEP website](#) under *Project Tracking and Monitoring*.

Louisiana Region Overview

*Snapshot of MTEP26 Appendix A
projects recommended for Board
approval*



The details of the Louisiana projects and their costs are shown below:

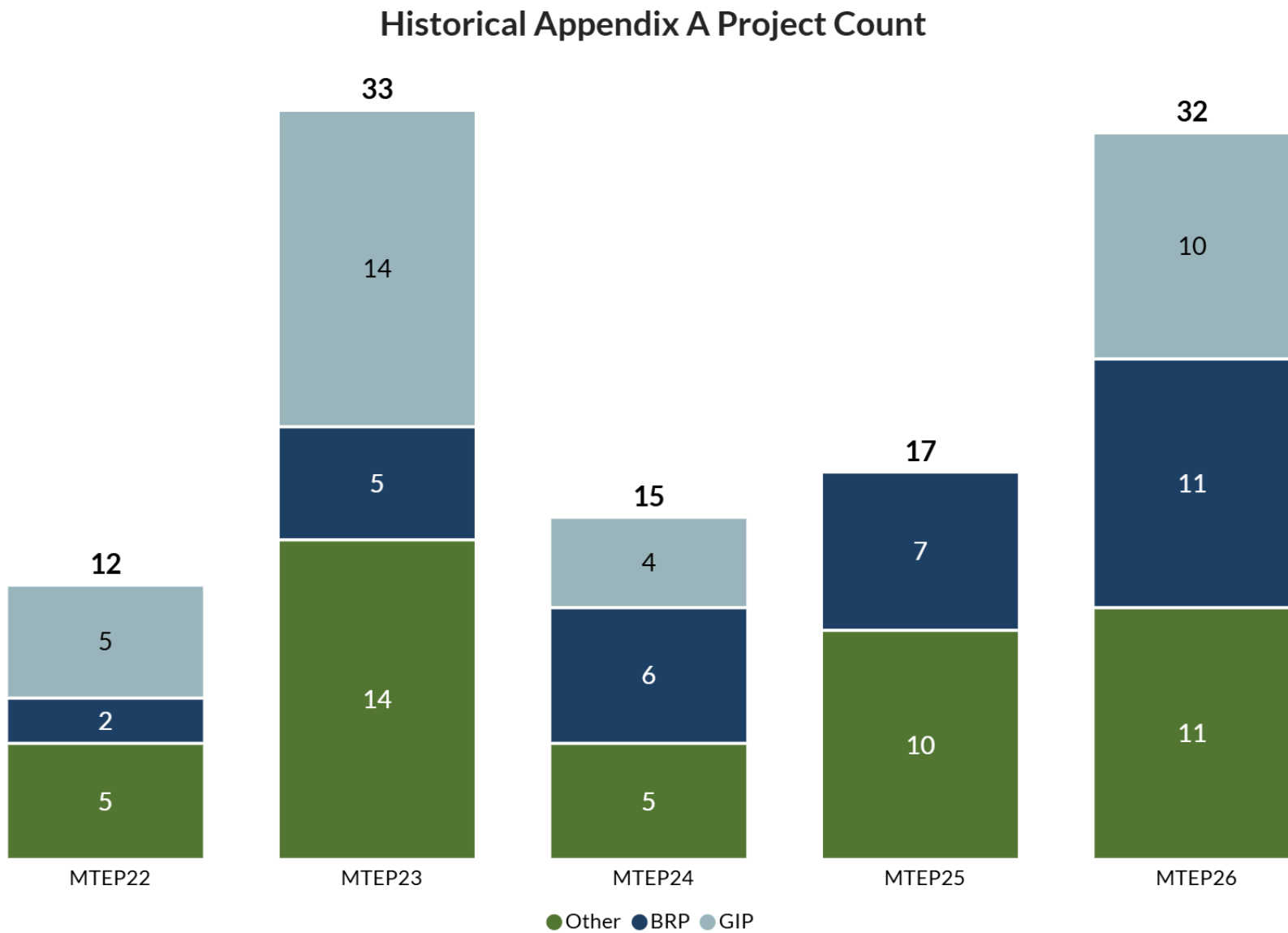
- Entergy Services, LLC (EES-LA): 32 submitted projects at an estimated cost of \$4.5 billion
- 1803 Electric Cooperative, Inc. (LATO): 14 submitted projects at an estimated cost of \$155 million
- CLECO Power, LLC (CLEC): 3 submitted projects at an estimated cost of \$117 million
- Lafayette Utilities System (LAFA) & City of Alexandria, LA (COA) did not submit projects for consideration in MTEP26

Entergy Services, LLC (EES-LA)

Update on Current Cycle Projects since SPM2

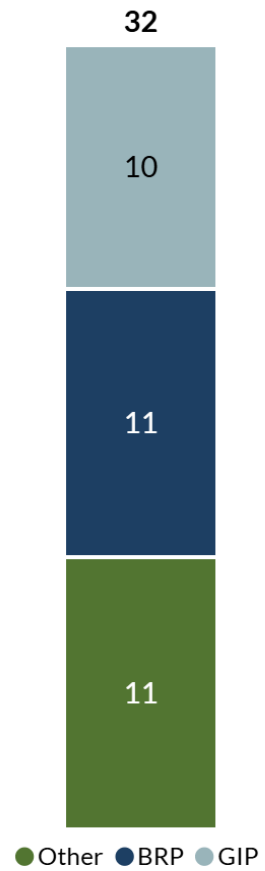
MTEP Project ID	Project Name	Project Type	Project Change
50942	Holiday to Billeaud 69kV Upgrade	BRP	Need Date from 12/15/2030 to 12/15/2028
50779	Riddle 230 kV Station and Line Upgrade	Other – Load Growth	Expected ISD from 6/1/2026 to 5/18/2026 Planning Status from M2 - Appendix A Approved to M4 – Project in Service
51311	DEMCO Juban Trails 500-230 kV Station	Other – Load Growth	Planning Status from M1 – Proposed to Withdrawn

EES - LA Historical Appendix A data, including recommended MTEP26



ENTERGY SERVICES, LLC.

MTEP26 Projects

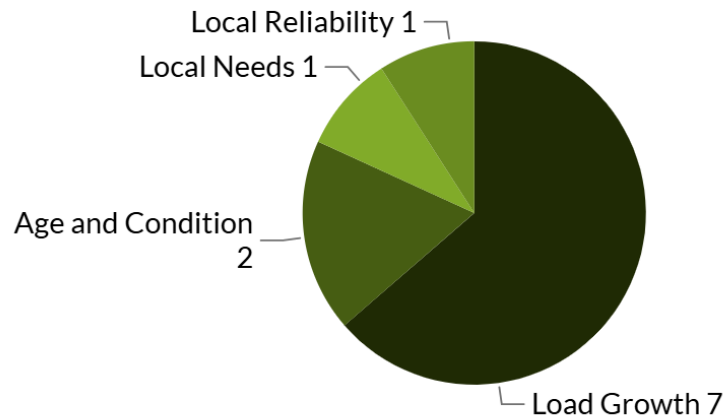


32
Total Projects

\$4,481M
Investment

Breakdown of Other Project Types

By Project Count



Line Miles by Voltage Level

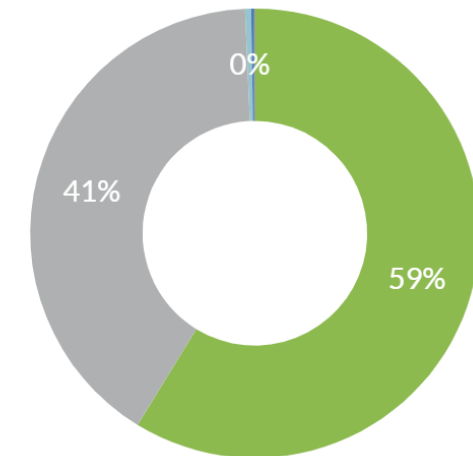
● ≤161 kV ● 500 kV



Project Facility Types

As a Percentage of Cost

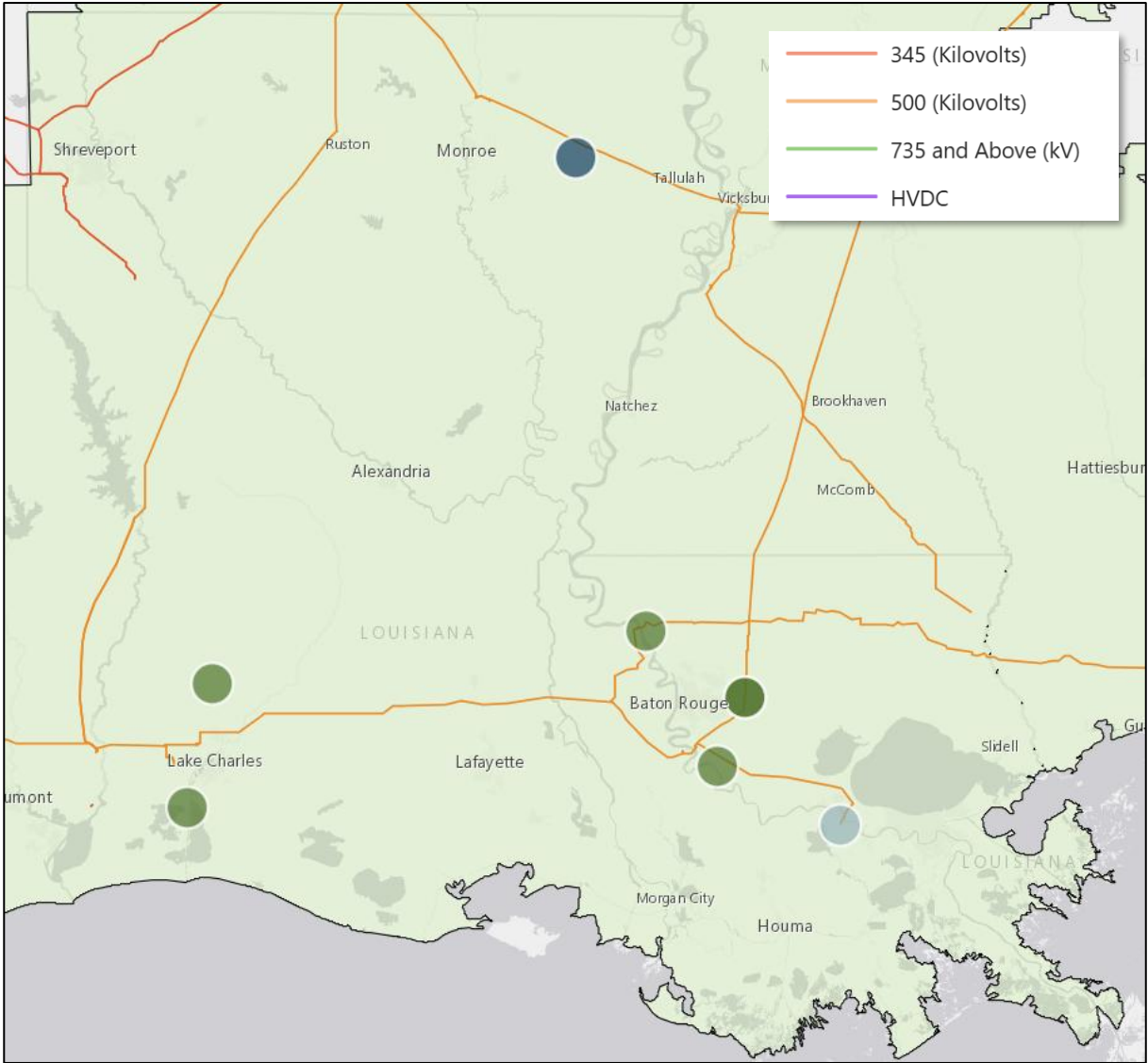
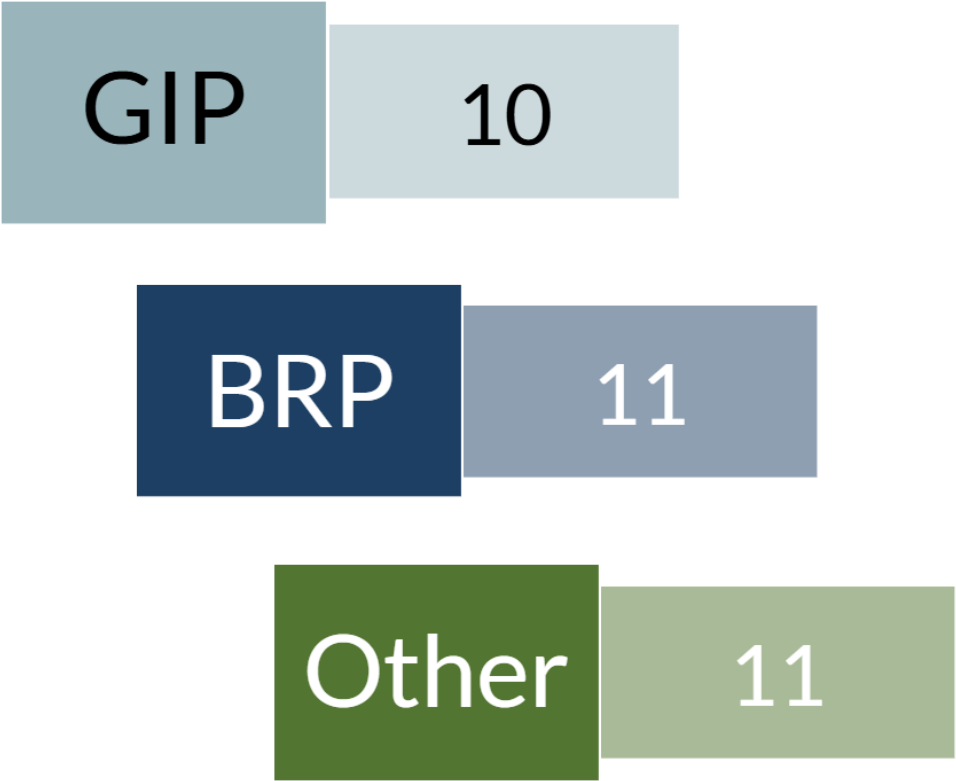
● Line New ● Substation ● Transformer ● Line Upgrade ● Voltage Device



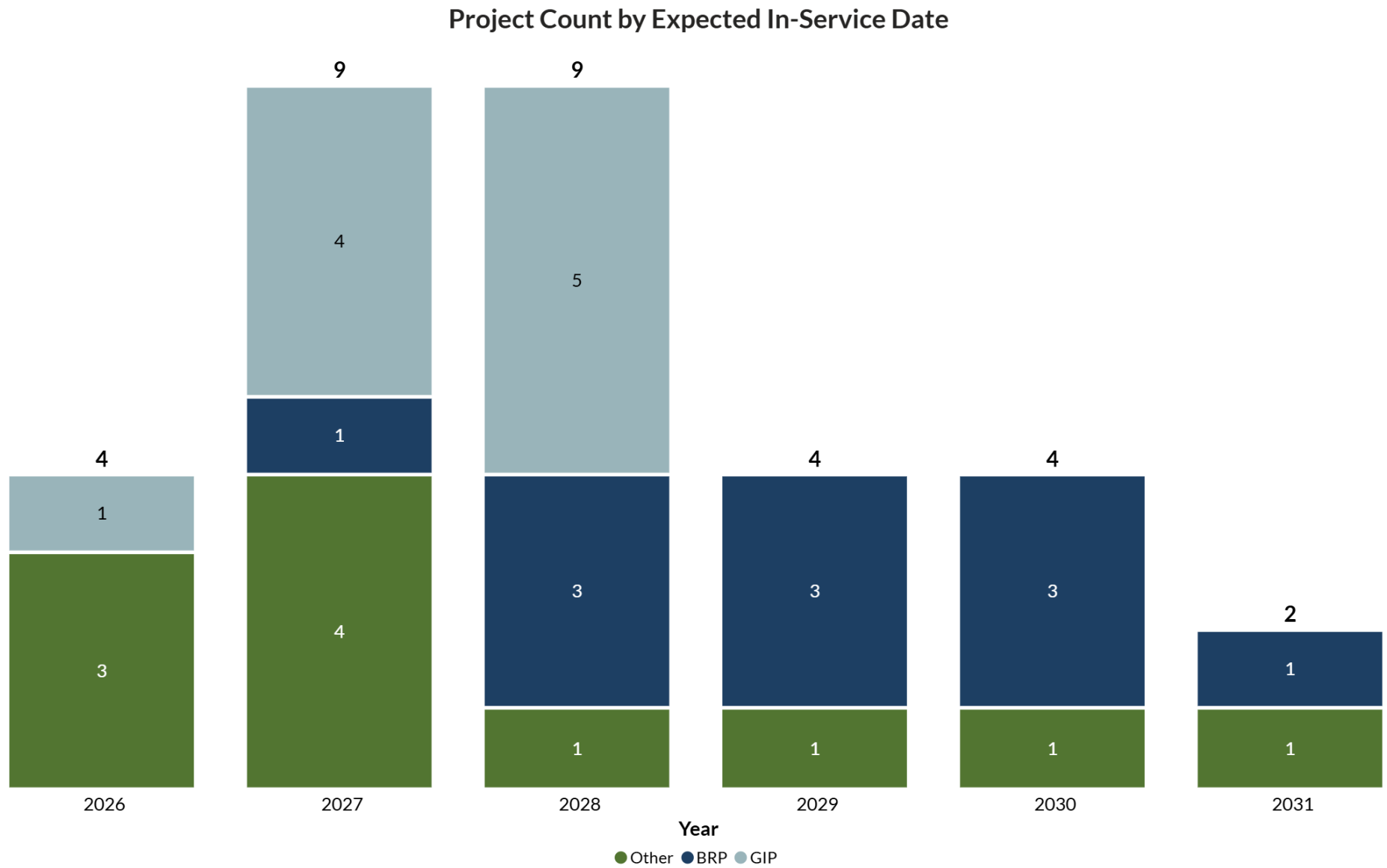
EES - LA MTEP26 Project Type Breakdown

ENTERGY SERVICES, LLC.

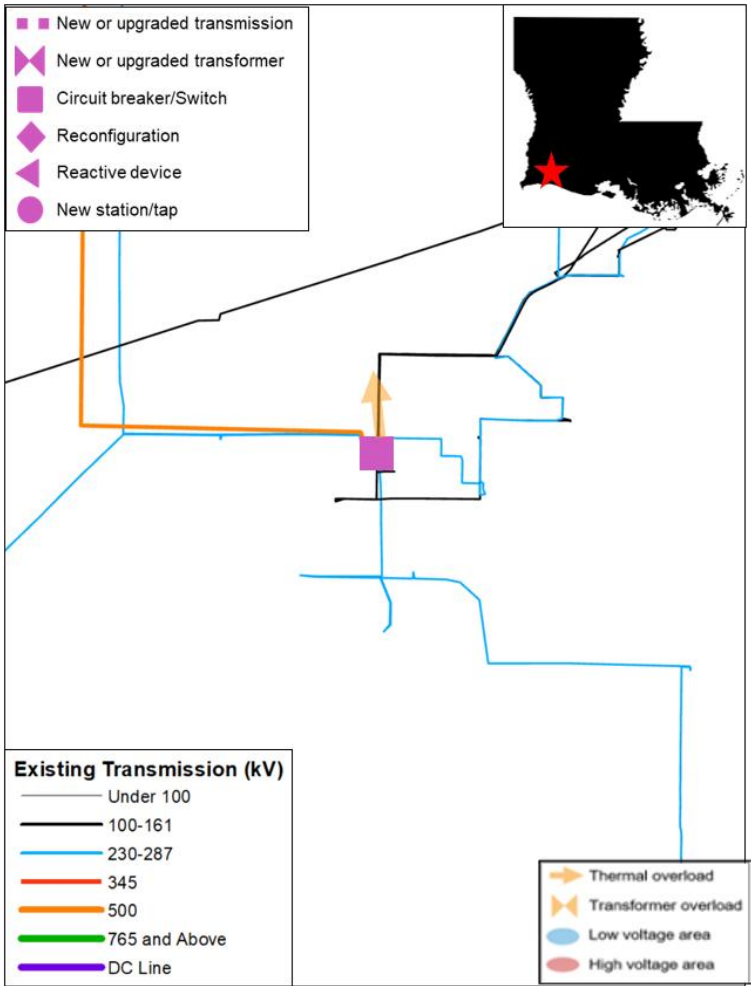
MTEP26 Summary



EES - LA MTEP26 ISD Breakdown

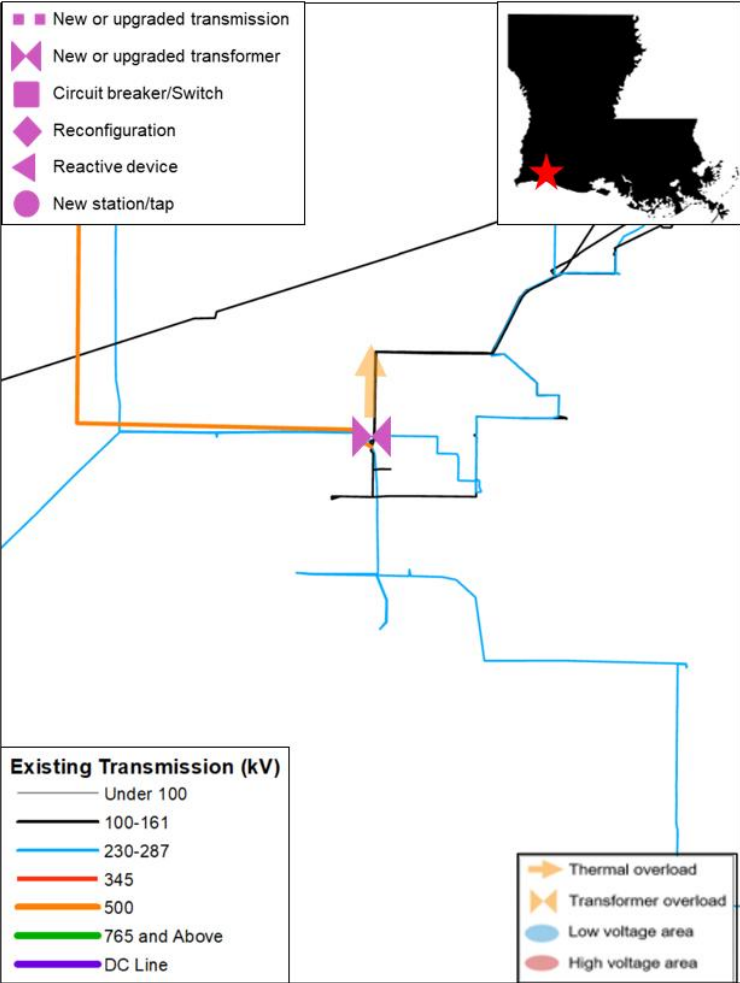


As already presented and justified, the following BRP is being recommended for Board approval



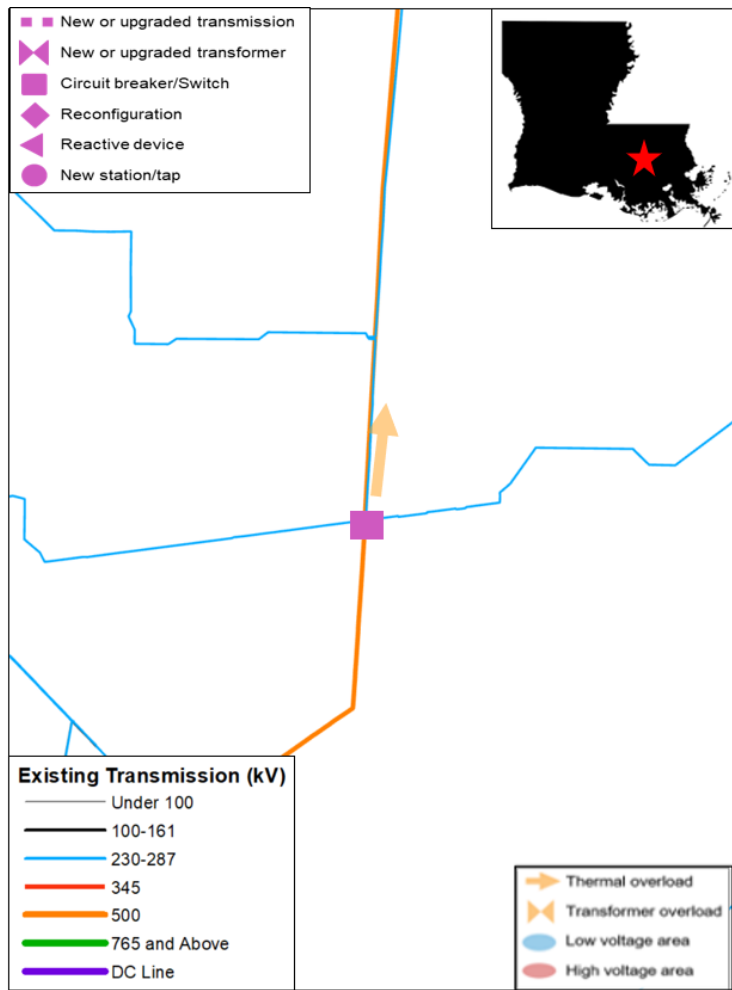
MTEP Project ID	50934
Project Name	Carlyss 230 kV SPOF
Project Type	BRP
Project Description	Install a second battery bank at Carlyss 230 kV station. The primary 1 relay needs to be on a separate DC panel than primary 2/backup relay. The breakers for the AT must have trip coil #1 and trip coil #2 fed from separate DC panels and the DC panels must be fed from separate battery sets. The DC panels cannot be wired in series or in parallel to one another.
Current Cost	\$0.7 M
Expected ISD	06/01/2028
Target Appendix	A

As already presented and justified, the following BRP is being recommended for Board approval



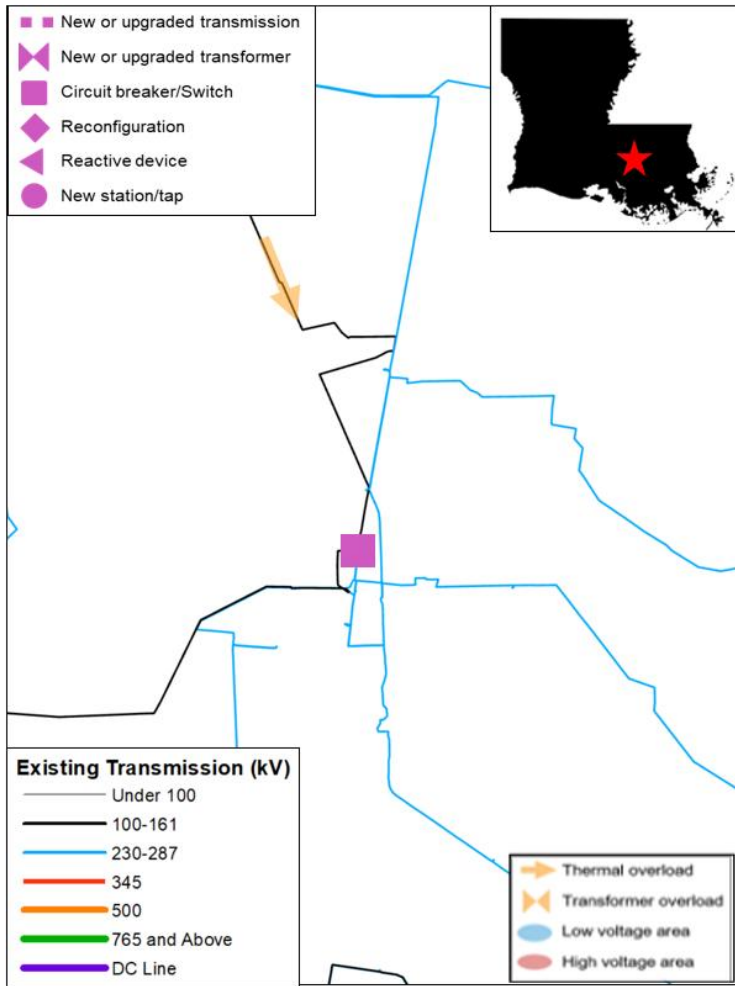
MTEP Project ID	50936
Project Name	Carlyss 230-138 kV Autotransformer Upgrade
Project Type	BRP
Project Description	Upgrade Carlyss 230/138 kV Autotransformer
Current Cost	\$19.5 M
Expected ISD	12/15/2030
Target Appendix	A

As already presented and justified, the following BRP is being recommended for Board approval



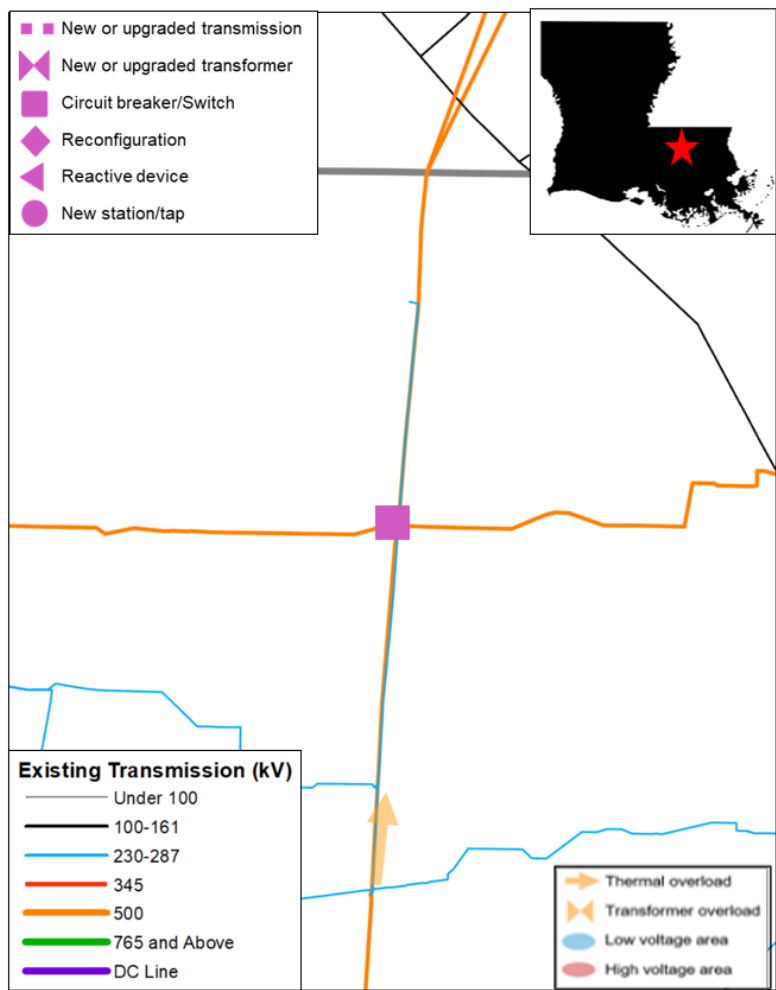
MTEP Project ID	50937
Project Name	Coly 500 kV GIS Bus replacement
Project Type	BRP
Project Description	Replace current obsolete 500 kV GIS with new GIS.
Current Cost	\$75.7 M
Expected ISD	06/01/2029
Target Appendix	A

As already presented and justified, the following BRP is being recommended for Board approval



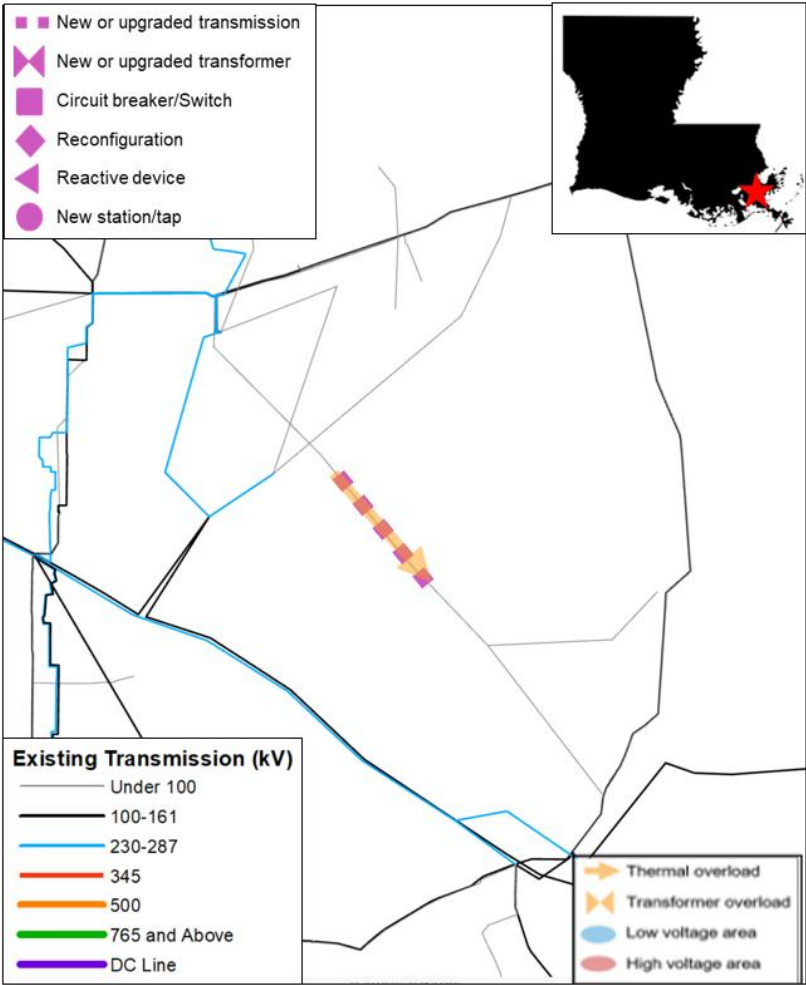
MTEP Project ID	50939
Project Name	Jaguar 230 kV GIS Replacement
Project Type	BRP
Project Description	Replace current obsolete GIS bus with an open air 230 kV bus. Ensure the following scope is addressed to mitigate P5 contingency: - Install a second battery bank at Jaguar 230 kV station - The primary 1 relay needs to be on a separate DC panel than primary 2/backup relay - The breakers for the AT must have trip coil #1 and trip coil #2 fed from separate DC panels and the DC panels must be fed from separate battery sets The DC panels cannot be wired in series or in parallel to one another. Additional scope to ensure redundancy of the relays and its components will be identified by relay design.
Current Cost	\$37.6 M
Expected ISD	02/28/2029
Target Appendix	A

As already presented and justified, the following BRP is being recommended for Board approval



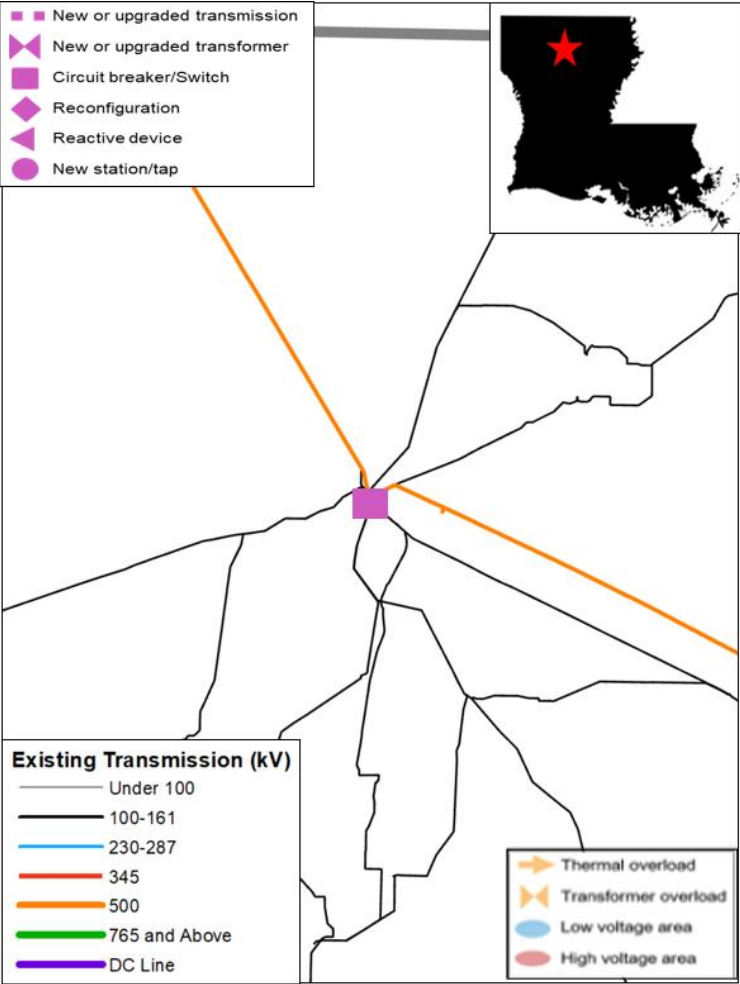
MTEP Project ID	50940
Project Name	McKnight 500 kV GIS Replacement
Project Type	BRP
Project Description	Replace current obsolete GIS bus with an open air 500 kV bus.
Current Cost	\$59.7 M
Expected ISD	12/31/2027
Target Appendix	A

As already presented and justified, the following BRP is being recommended for Board approval



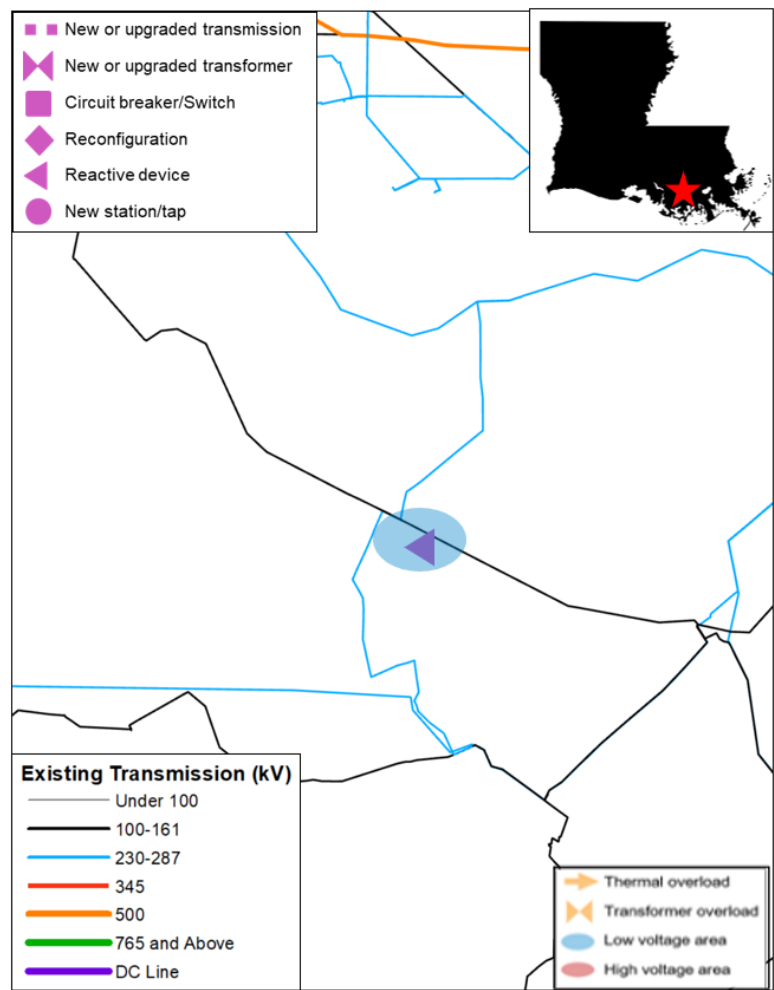
MTEP Project ID	50942
Project Name	Holiday to Billeaud 69 kV Upgrade
Project Type	BRP
Project Description	Upgrade Holiday to Billeaud 69 kV line.
Current Cost	\$8.0 M
Expected ISD	12/15/2030
Target Appendix	A

As already presented and justified, the following BRP is being recommended for Board approval



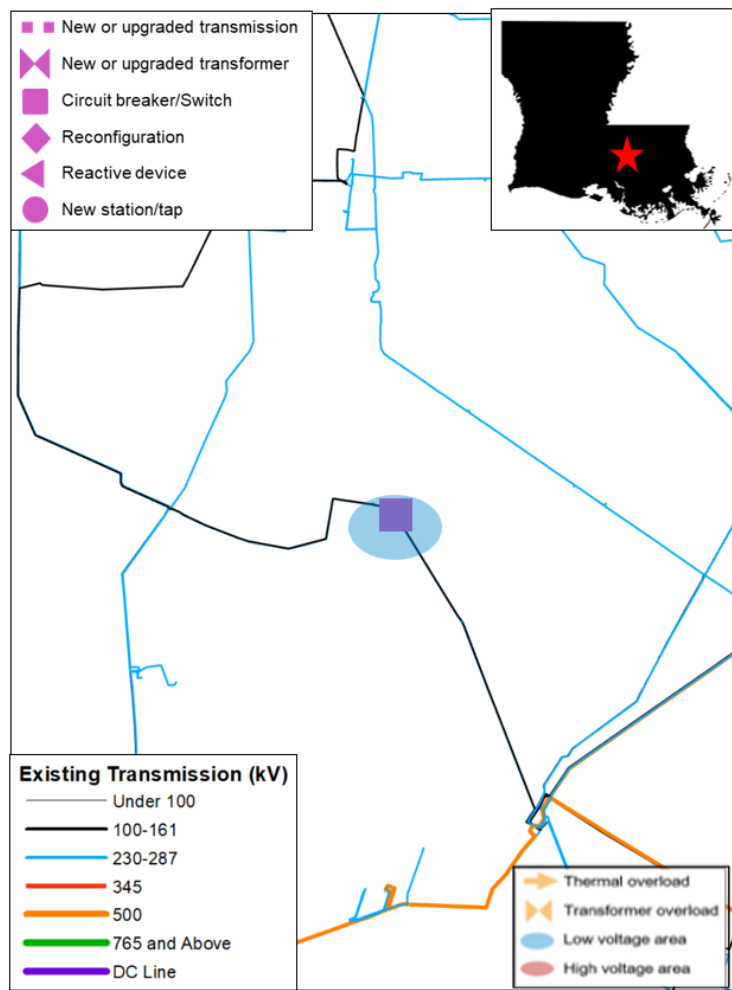
MTEP Project ID	50945
Project Name	Sterlington 500 kV GIS Replacement
Project Type	BRP
Project Description	Replace the Sterlington 500 kV GIS with open air station.
Current Cost	\$75.2 M
Expected ISD	06/01/2030
Target Appendix	A

As already presented and justified, the following BRP is being recommended for Board approval



MTEP Project ID	50946
Project Name	Thibodaux 230 kV Reactive Support
Project Type	BRP
Project Description	Install a 61.1 MVAR Capacitor bank at Thibodaux 230 kV station
Current Cost	\$3.8 M
Expected ISD	05/01/2029
Target Appendix	A

As already presented and justified, the following BRP is being recommended for Board approval



MTEP Project ID	50947
Project Name	Tiger 230 kV SPOF
Project Type	BRP
Project Description	Install a second battery bank at Tiger 230 kV station. The primary 1 relay needs to be on a separate DC panel than primary 2/backup relay. The breakers for the AT must have trip coil #1 and trip coil #2 fed from separate DC panels and the DC panels must be fed from separate battery sets. The DC panels cannot be wired in series or in parallel to one another.
Current Cost	\$2.9 M
Expected ISD	09/14/2028
Target Appendix	A

BRP Project Summary

MTEP Project ID	Project Name	Expected ISD	Current Cost
<u>50713</u>	<u>Mount Olive to Cargas 500 kV Project and Load Addition</u>	<u>12/31/2028</u>	<u>\$270.5 M</u>
50934	Carlyss 230 kV SPOF	06/01/2028	\$0.7 M
50936	Carlyss 230-138 kV Autotransformer Upgrade	12/15/2030	\$19.5 M
50937	Coly 500 kV GIS Bus replacement	06/01/2029	\$75.7 M
50939	Jaguar 230 kV GIS Replacement	02/28/2029	\$37.6 M
50940	McKnight 500 kV GIS Replacement	12/31/2027	\$59.7 M
50942	Holiday to Billeaud 69 kV Upgrade	12/15/2030	\$8.0 M
50945	Sterlington 500 kV GIS Replacement	06/01/2030	\$75.2 M
50946	Thibodaux 230 kV Reactive Support	05/01/2029	\$3.8 M
50947	Tiger 230 kV SPOF	09/14/2028	\$2.9 M
51264	El Dorado to Smalling 500 kV Project	01/01/2031	\$900 M

Bold MTEP Project IDs indicate submission through the Expedited Project Review (EPR) process.
Bold and Underlined MTEP Project IDs indicate the project is Appendix A approved via the EPR process.

Unlabeled

Other Projects

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
<u>50740</u>	<u>Indian Bayou 230 kV Station</u>	<u>Load Growth</u>	<u>09/01/2027</u>	<u>\$68.1 M</u>
50744	Juban Trails (DEMCO) 230 kV Station	Load Growth	09/01/2027	\$55.0 M
<u>50779</u>	<u>Riddle 230 kV Station and Line Upgrade</u>	<u>Load Growth</u>	<u>05/18/2026</u>	<u>\$27.7 M</u>
50929	2027 ELL Asset Renewal	Age and Condition	12/31/2027	\$84.0 M
50944	SLEMCO Dassas (Scott Area) 138 kV Station	Load Growth	10/15/2028	\$10.9 M
51262	West Fork Creek 500-230 kV Station	Load Growth	08/01/2030	\$1100.0 M
51263	West Fork Creek to St Landry 500 kV Project	Local Reliability	12/01/2031	\$1487.0 M
<u>51301</u>	<u>Crown 230 kV Station - Jeff Davis Electric Co-op, Inc.</u>	<u>Local Needs</u>	<u>09/30/2026</u>	<u>\$0.1 M</u>
51311	DEMCO Juban Trails 500-230 kV Station	Load Growth	03/31/2029	\$0.1 M (Withdrawn)
51352	Midbend 230 kV Station	Load Growth	11/01/2026	\$28.0 M

Entergy New Orleans Other Projects

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
50931*	2027 Entergy New Orleans Asset Renewal	Age and Condition	12/31/2027	\$8.3 M

Bold MTEP Project IDs indicate submission through the Expedited Project Review (EPR) process.
Bold and Underlined MTEP Project IDs indicate the project is Appendix A approved via the EPR process.
 * Denotes an Entergy New Orleans project

Generator Interconnection Projects (GIPs)

MTEP Project ID	Project Name	Expected ISD	Current Cost
51111	J1851 115 kV Interconnection on Beekman to Crossett North 115 kV	11/15/2026	\$5.5 M
51118	J1870 GIA Interconnection at Independence 230 kV	05/21/2028	\$11.8 M
51125	E0014 GIA at Smalling 230 kV	08/04/2028	\$14.0 M
51170	J2228 115 kV Interconnection at Red Gum 115 kV	03/15/2028	\$7.5 M
51171	J1904 138 kV Interconnection at Richard 138 kV	11/08/2028	\$7.7 M
51172	J2292 230 kV Interconnection at Goos Ferry 230 kV	09/01/2027	\$0.1 M
51173	J2302 New 500 kV Switching stationPoint of Interconnection	10/11/2027	\$64.0 M
51187	J2317 115 kV interconnection on Sterlington - Bastrop 115 kV	11/01/2027	\$13.9 M
51200	J2249 GIA at Bayou Cove 138 kV	11/14/2027	\$17.0 M
51327	E0029 GIA Interconnection at Waterford 500 kV	08/04/2028	\$17.3 M

1803 Electric Cooperative, Inc. (LATO)

Update on Current Cycle Projects since SPM2

MTEP Project ID	Project Name	Project Type	Project Change
51058	1803 – 2026 Age and Condition Program	Other – Age and Condition	Expected ISD from 12/31/2026 to 4/1/2027
51063	ANGIE 230/69KV SUBSTATION – 230KV LINE BREAKER ADDITIONS	Other – Local Reliability	Expected ISD from 12/31/2027 to 12/31/2028
51064	HOLTON 115/69KV SUBSTATION – 115KV LINE BREAKER ADDITIONS AND 69KV BUS TIE BREAKER ADDITION	Other – Local Reliability	Expected ISD from 6/1/2028 to 12/31/2028
51065	TALISHEEK 230KV LINE BREAKER ADDITIONS AND 69KV BUS TIE BREAKER ADDITION	Other – Local Reliability	Expected ISD from 6/1/2029 to 12/1/2029
51070	EAST MANDEVILLE 230/69KV SUBSTATION	Other – Local Reliability	Expected ISD from 12/1/2028 to 12/1/2029
50746	1803 – 2025 Age and Condition Program	Other – Age and Condition	Expected ISD from 12/31/2026 to 12/31/2029

1803 (LATO) Historical Appendix A data, including recommended MTEP26

Historical Appendix A Project Count



1803 ELECTRIC COOPERATIVE, INC. LATO

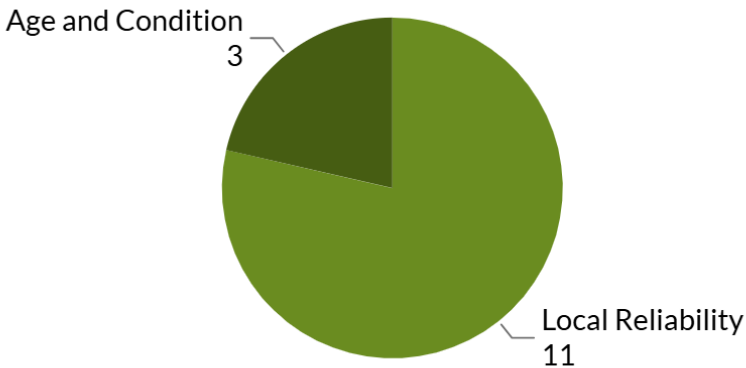
MTEP26 Projects



14
Total Projects

\$155M
Investment

Breakdown of Other Project Types By Project Count



Line Miles by Voltage Level

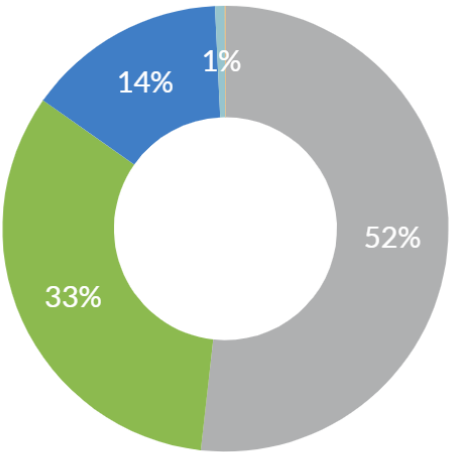
● ≤161 kV



Project Facility Types

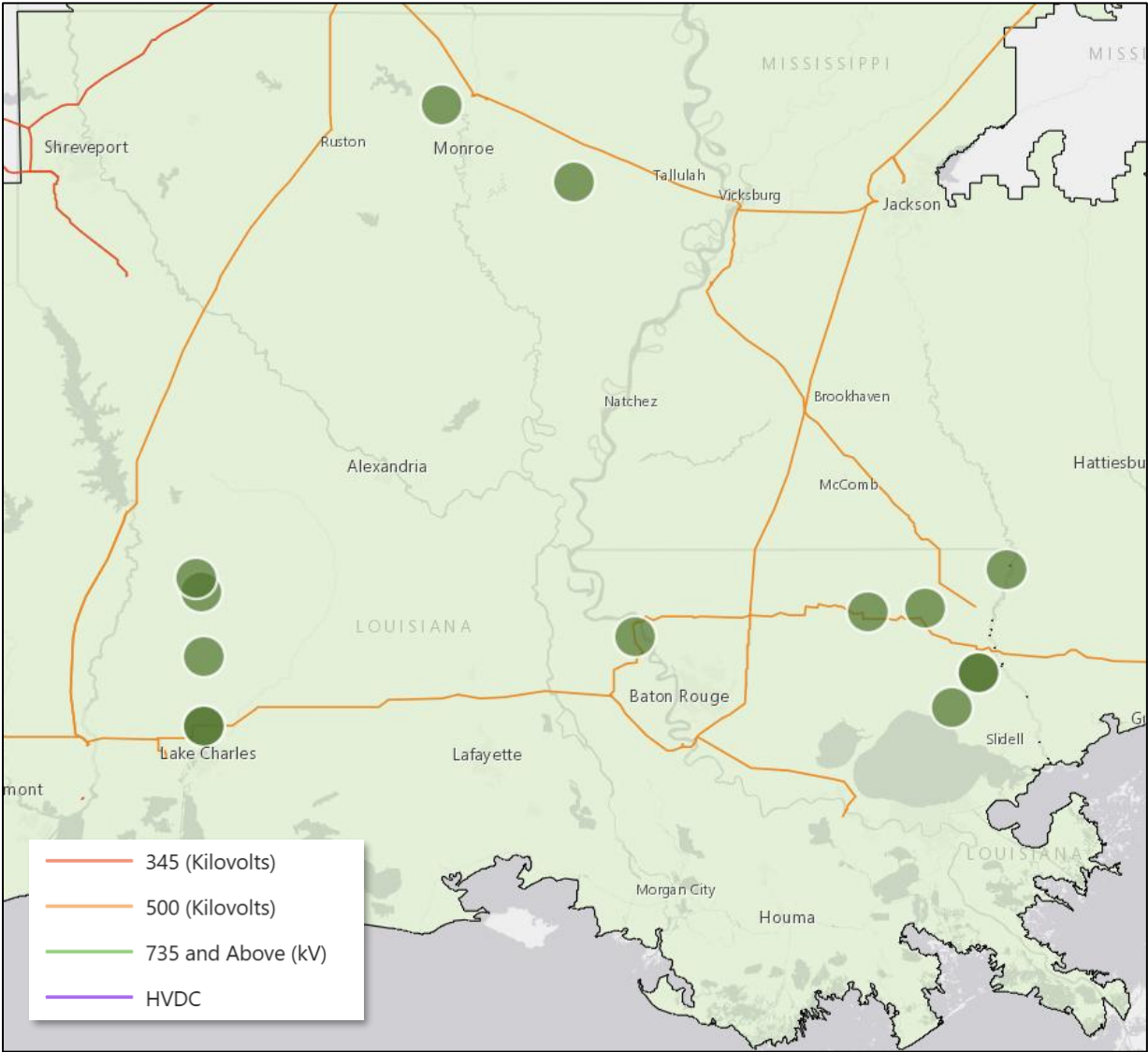
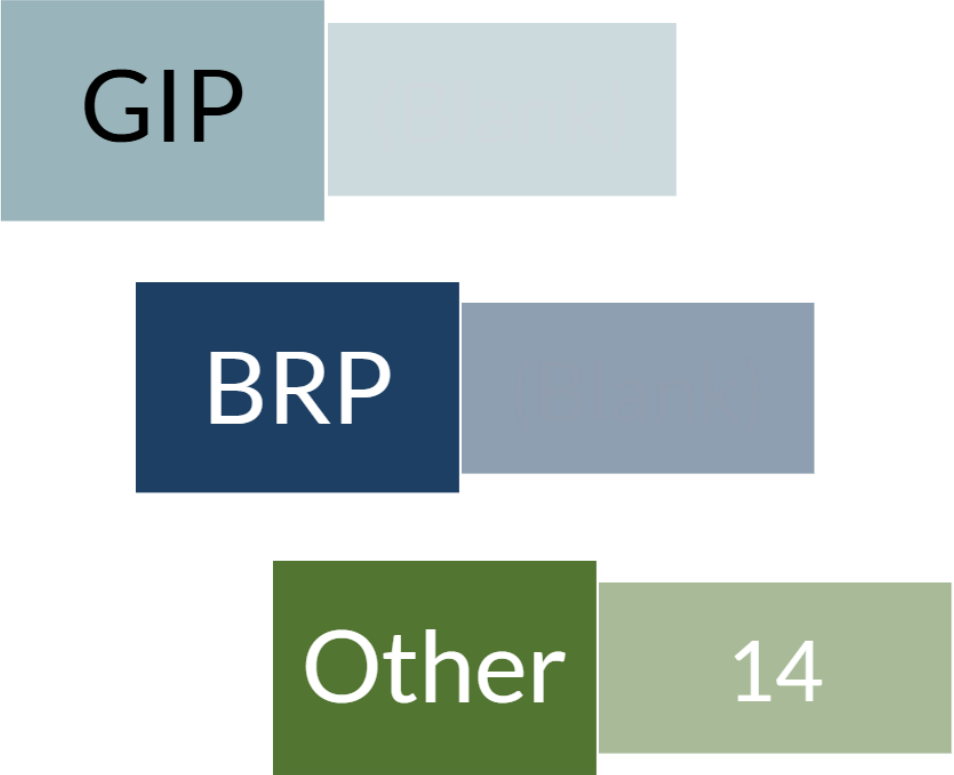
As a Percentage of Cost

● Substation ● Line New ● Line Upgrade ● Transformer ● Misc.

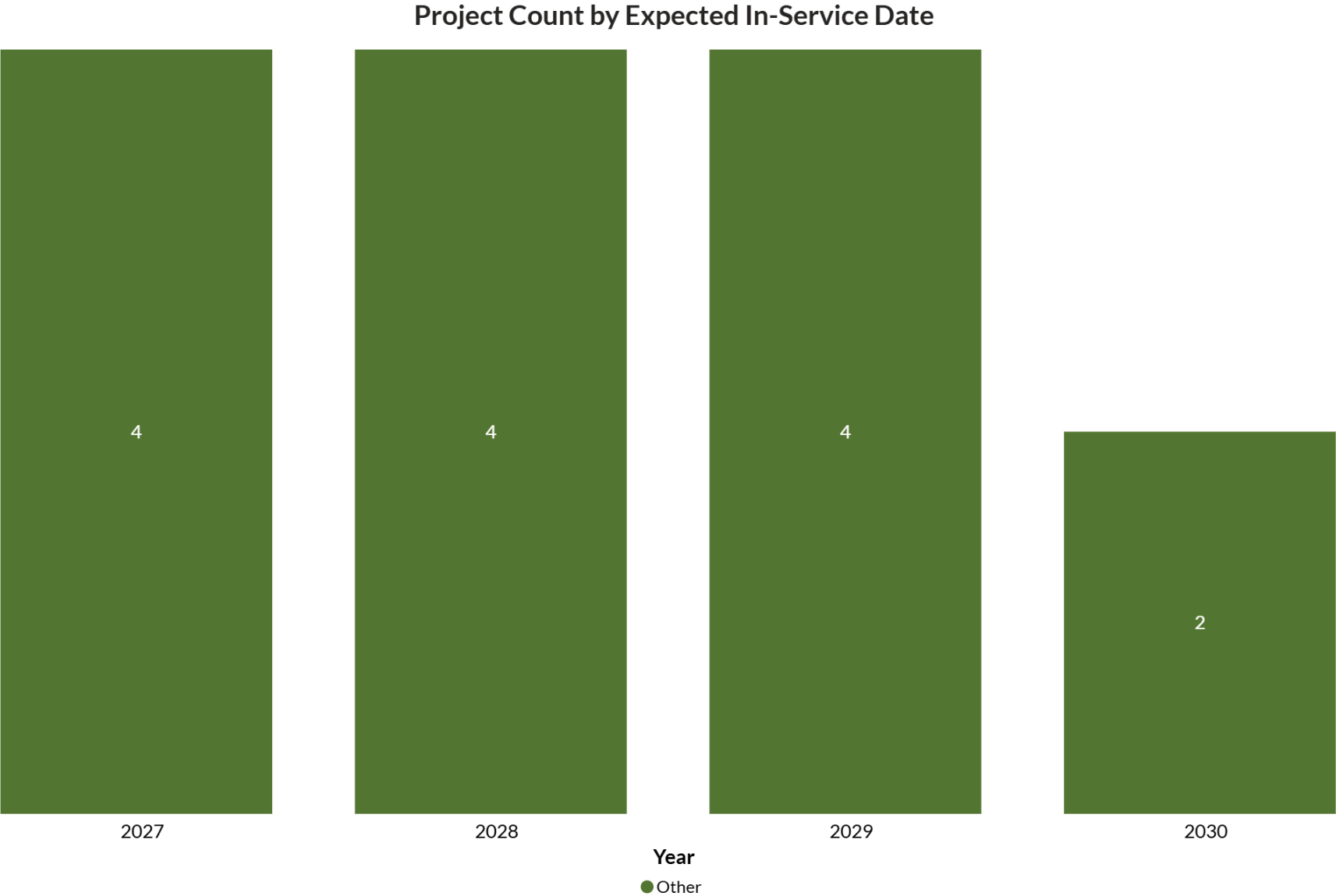


1803 (LATO) MTEP26 Project Type Breakdown

1803 ELECTRIC COOPERATIVE, INC. LATO MTEP26 Summary



1803 (LATO) MTEP26 ISD Breakdown



Other Projects

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
<u>50746</u>	<u>1803 - 2025 Age and Condition Program</u>	<u>Age and Condition</u>	<u>12/31/2029</u>	<u>\$0.7 M</u>
<u>51058</u>	<u>1803 - 2026 Age and Condition Program</u>	<u>Age and Condition</u>	<u>04/01/2027</u>	<u>\$6.1 M</u>
<u>51059</u>	<u>1803 - 2027 Age and Condition Program</u>	<u>Age and Condition</u>	<u>12/31/2027</u>	<u>\$9.8 M</u>
<u>51063</u>	<u>ANGIE 230/69KV SUBSTATION - 230KV LINE BREAKER ADDITIONS</u>	<u>Local Reliability</u>	<u>12/31/2028</u>	<u>\$1.9 M</u>
<u>51064</u>	<u>HOLTON 115/69KV SUBSTATION - 115KV LINE BREAKER ADDITIONS AND 69KV BUS TIE BREAKER ADDITION</u>	<u>Local Reliability</u>	<u>12/31/2028</u>	<u>\$2.9 M</u>
<u>51065</u>	<u>TALISHEEK 230KV LINE BREAKER ADDITIONS AND 69KV BUS TIE BREAKER ADDITION</u>	<u>Local Reliability</u>	<u>12/01/2029</u>	<u>\$4.6 M</u>
51066	MOSS BLUFF TO LONGVILLE 69KV LOOP	Local Reliability	12/31/2027	\$0.7 M
51067	LONGVILLE TO DERIDDER 69KV LOOP	Local Reliability	12/31/2027	\$0.9 M
51068	DERIDDER TO EAST LEESVILLE 69KV LOOP	Local Reliability	06/01/2028	\$1.4 M

Other Projects cont.

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
51069	DERIDDER TO LUDINGTON 69KV REBUILD	Local Reliability	06/01/2028	\$5.2 M
<u>51070</u>	<u>EAST MANDEVILLE 230/69KV SUBSTATION</u>	<u>Local Reliability</u>	<u>12/01/2029</u>	<u>\$16.9 M</u>
51071	ROCKY BRANCH TO MARION 115KV LOOP	Local Reliability	06/01/2030	\$51.6 M
51073	1803/LAGT WATERLOO TO CLECO YELLOW BAYOU TRANSMISSION LOOP	Local Reliability	06/01/2030	\$47.5 M
51080	1803/LAGT/NELPCO PINEY WOODS SUBSTATION	Local Reliability	06/01/2029	\$5.1 M

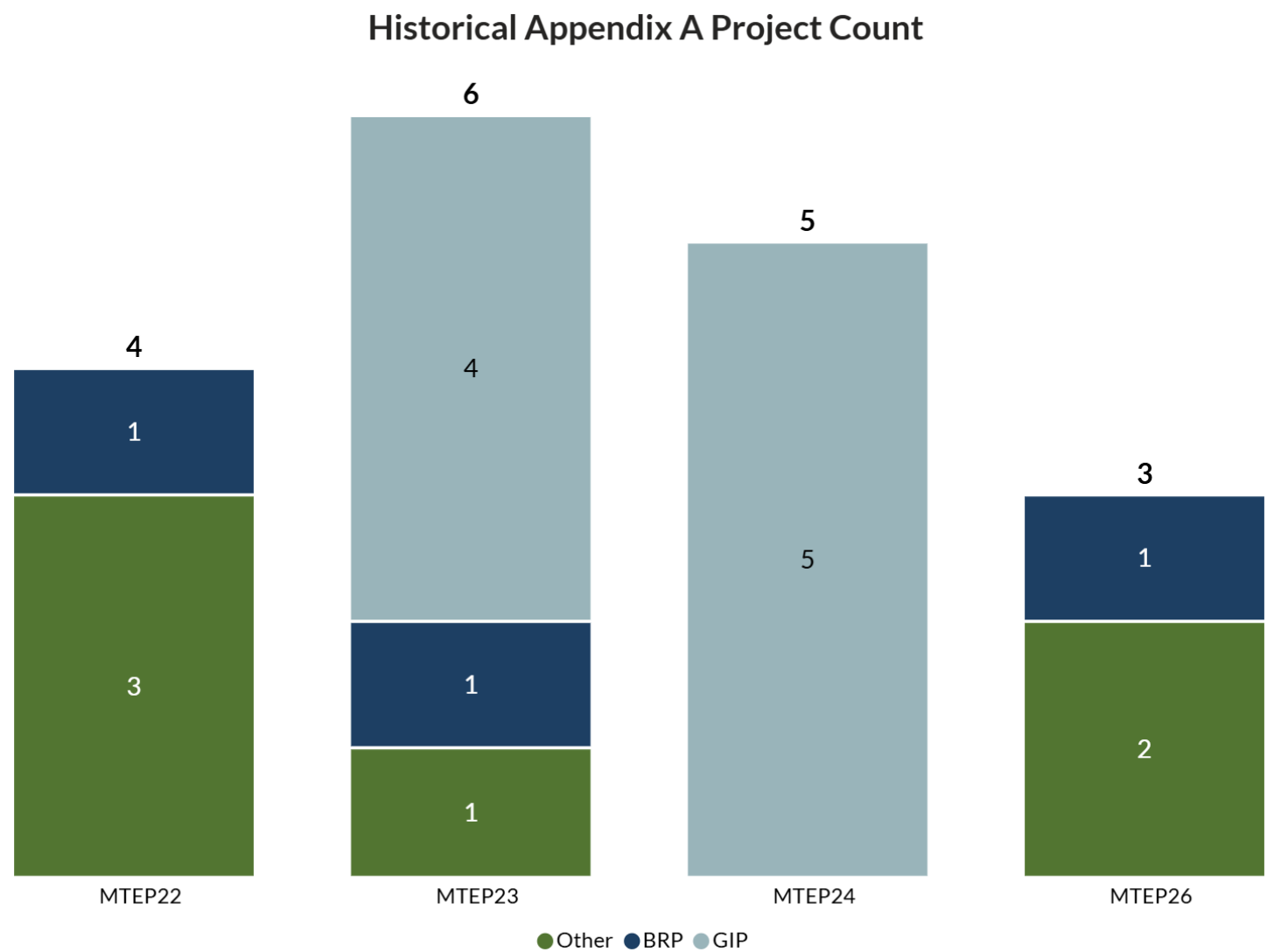
Bold MTEP Project IDs indicate submission through the Expedited Project Review (EPR) process.
Bold and Underlined MTEP Project IDs indicate the project is Appendix A approved via the EPR process.

CLECO Power, LLC (CLEC)

Update on Current Cycle Projects since SPM2

MTEP Project ID	Project Name	Project Type	Project Change
51363	Peninsula DC (MPID: 51363)	Other – Load Growth	Expected ISD from 3/1/2027 to 6/1/2027

CLECO POWER LLC CLEC Historical Appendix A data, including recommended MTEP26



CLECO POWER LLC CLEC

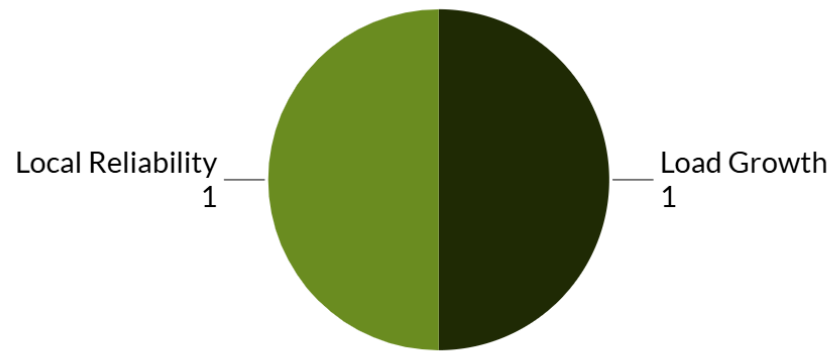
MTEP26 Projects



3
Total Projects

\$117M
Investment

Breakdown of Other Project Types By Project Count



Line Miles by Voltage Level

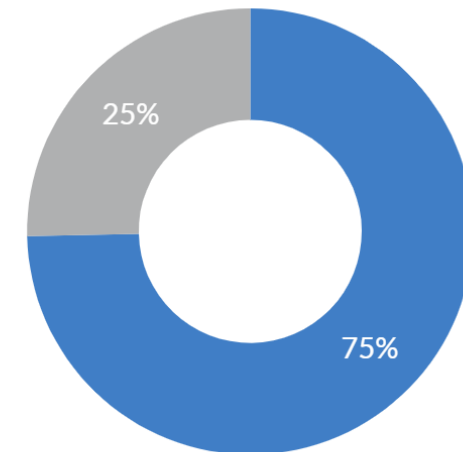
● 230 kV

100%

Project Facility Types

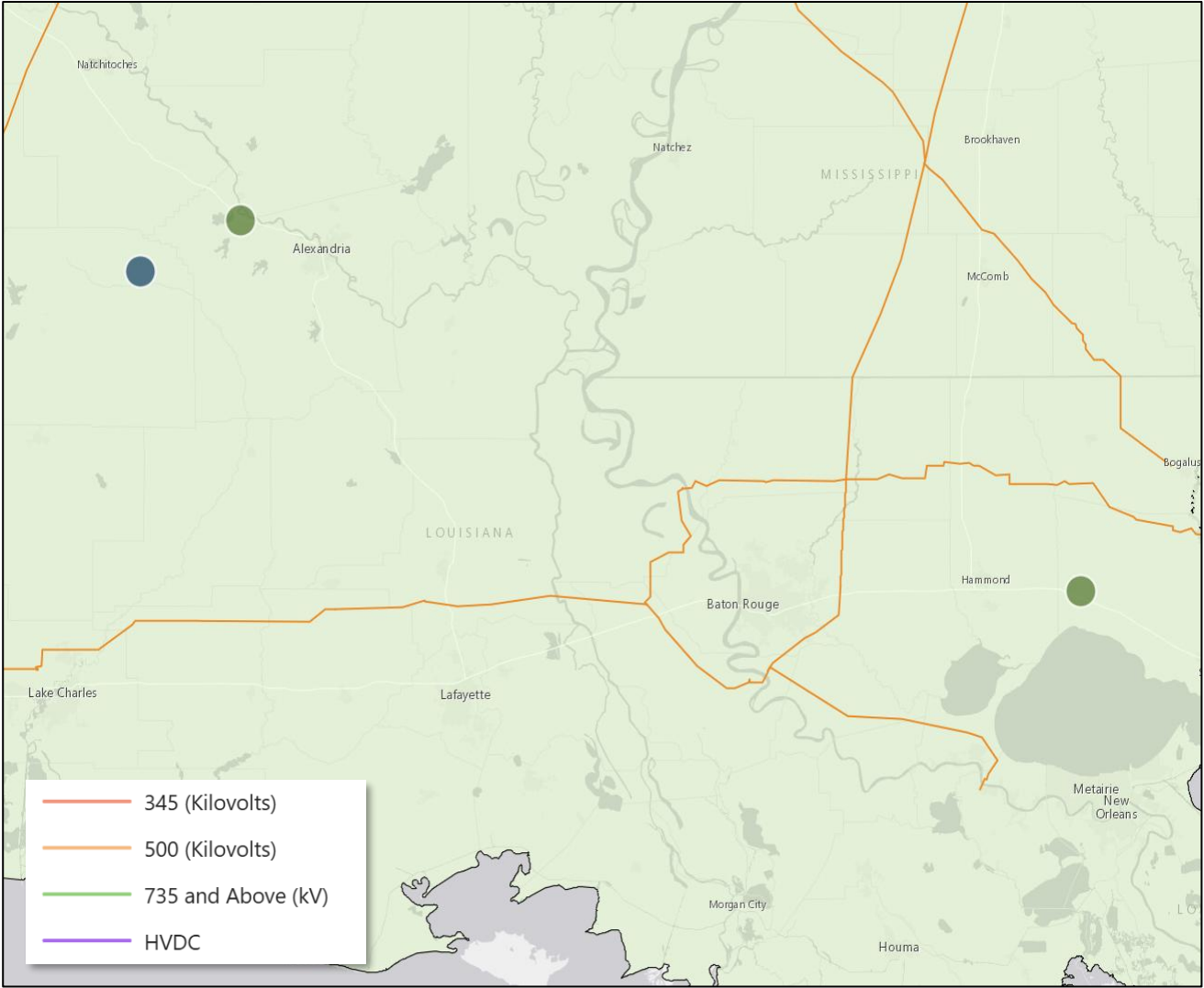
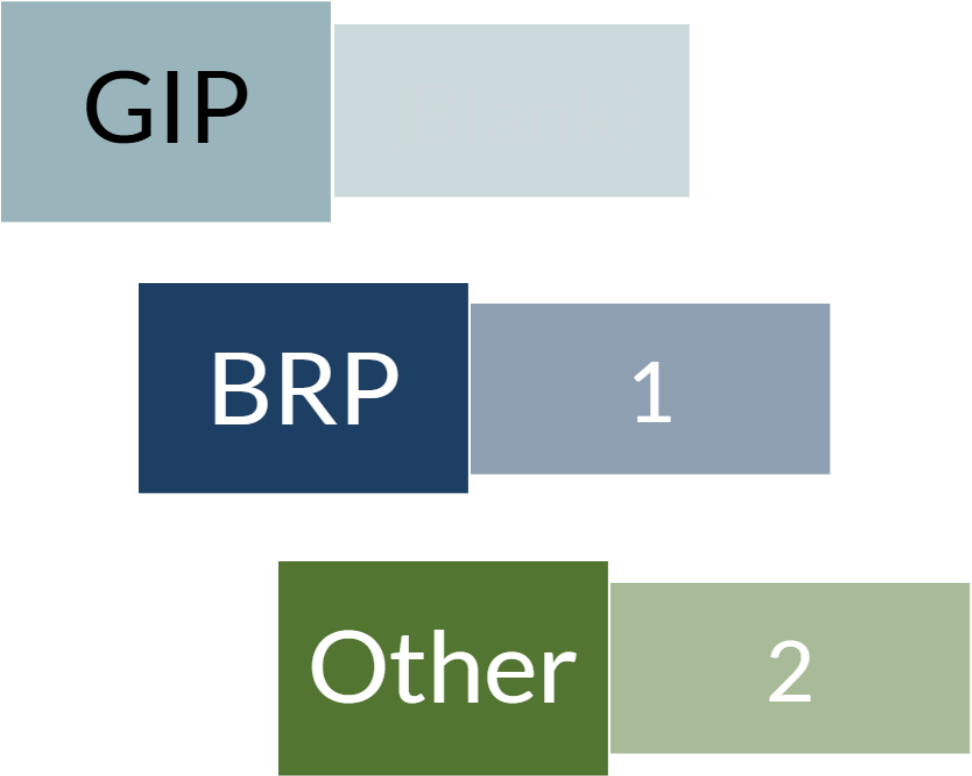
As a Percentage of Cost

● Line Upgrade ● Substation ● Line New

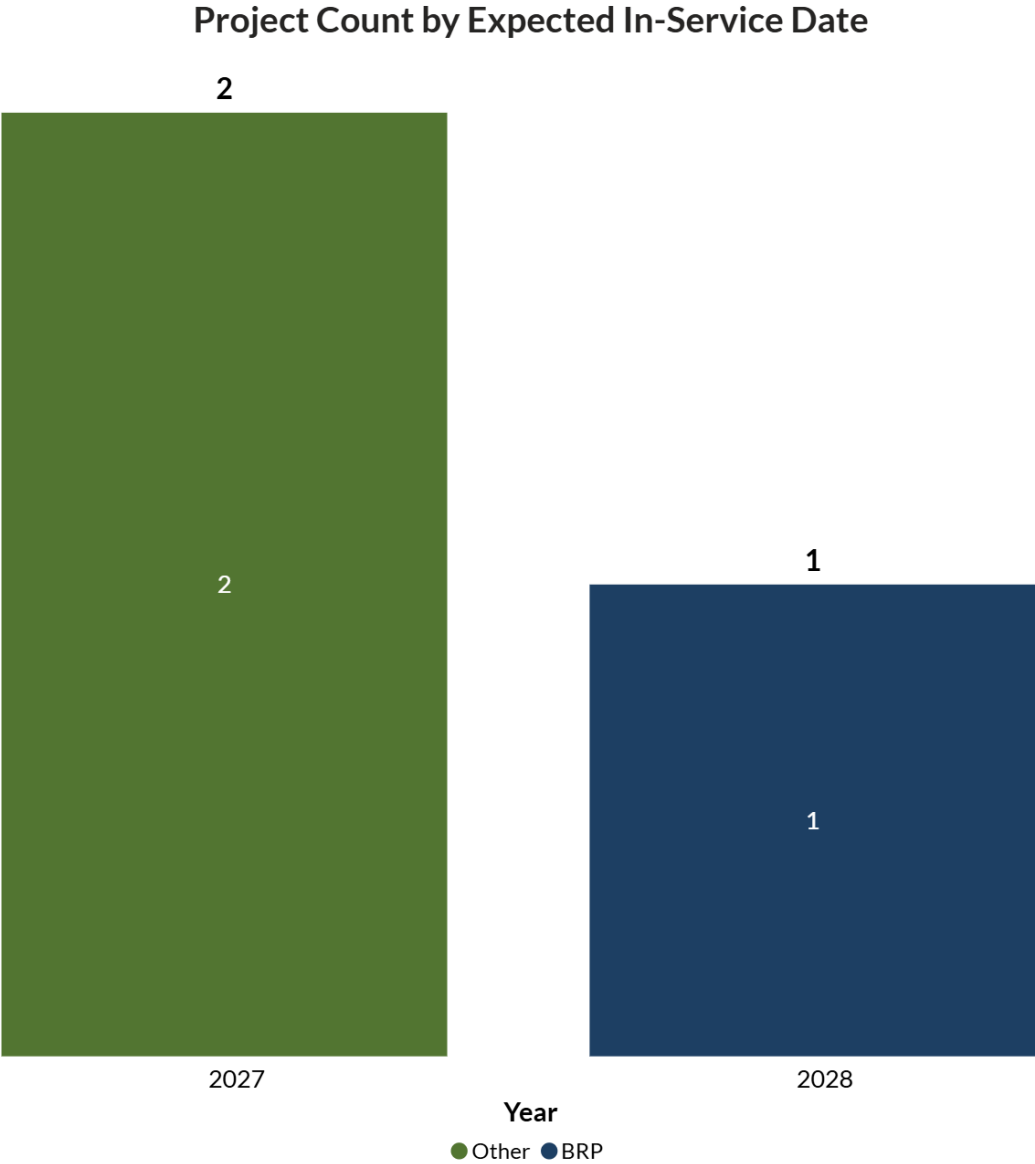


CLECO POWER LLC CLEC MTEP26 Project Type Breakdown

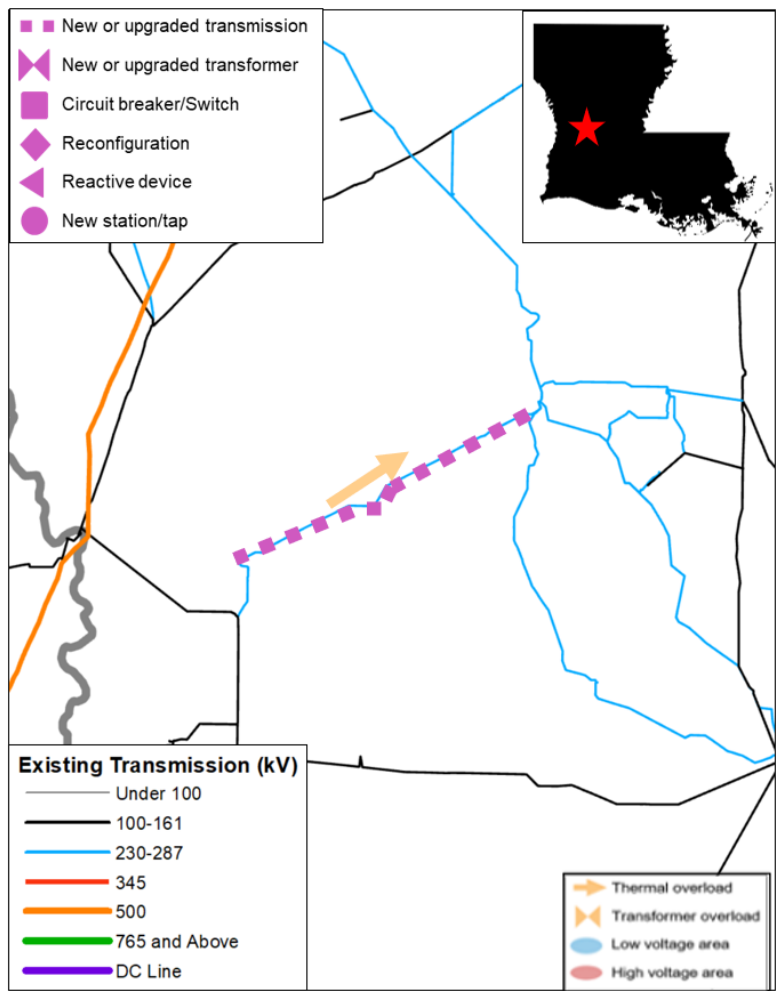
CLECO POWER LLC CLEC MTEP26 Summary



CLECO POWER LLC CLEC MTEP26 ISD Breakdown



As already presented and justified, the following BRP is being recommended for Board approval



MTEP Project ID	51182
Project Name	Rebuild Rodemacher to East Leesville
Project Type	BRP
Project Description	Reconductor Rodemacher to East Leesville to increase the line rating to above 800 MVA.
Current Cost	\$87.2 M
Expected ISD	12/01/2028
Target Appendix	A

BRP Project Summary

MTEP Project ID	Project Name	Expected ISD	Current Cost
51182	Rebuild Rodemacher to East Leesville	12/01/2028	\$87.2 M

Other Projects

MTEP Project ID	Project Name	Other Type	Expected ISD	Current Cost
51256	West Covington Substation	Local Reliability	06/01/2027	\$29.6 M
51363	Peninsula DC (MPID: 51363)	Load Growth	06/01/2027	\$0.0 M

Questions?

Nestor Martinez
Engineer – Expansion Planning

Trevor Armstrong
Manager – Expansion Planning

PlanningCoordinator@misoenergy.org



MISO is the electric grid operator for the central United States. We ensure power flows reliably and affordably across 15 states and the Canadian province of Manitoba. Additionally, MISO facilitates the buying and selling of electricity in its region and partners with its stakeholders to plan the grid of the future.

45 million people depend upon the work we do and the service we provide 24/7/365.

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