

Per approved Climate Plan, the below projects were completed in FY22 and are now included in the FY24 Annual Base Rate filing.

Completed FY22 Climate Projects (Closed between 10/1/2021 and 9/30/22) to be included in the FY2024 Filing		
Department ¹	Total Projects	Capital Investment
T&D (Schedule I2)	41	\$10,602,740
Total:	41	\$10,602,740

¹⁾ **Climate Plan Department Designation**

- T&D
- Generation
- IT/OT
- Innovation

Completed FY22 T&D Projects
Schedule 12

Fiscal Year Project	Project Name / Description	Climate Plan Department Designation ¹	Capital or O&M Project	Description of Criteria Fit	Completed Project			
					Oracle Project Number	Actual In-Service Date (month / year)	Actual Project Amount (Capital Installation) ²	Notes
2022	CAP Ben & Jerry's MOLB's	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175548	Oct-21	152,326	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP VEC N. Fairfax MOLB's	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175550	Oct-21	295,978	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP Huskey Tap MOLB	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175552	Oct-21	104,437	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP VEC#11 Westford MOLB's	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175577	Oct-21	246,782	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP Ludlow Com'th MOLB's	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175554	Nov-21	312,037	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CID 55724 Cooper Ellis	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	178857	Nov-21	0	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP BenJerry MOLB-Cntrl	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175535	Jan-22	97,987	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP WEC Grnville MOLB-Cntrl	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175538	Jan-22	99,019	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP Ludlow Comm MOLB-Cntrl	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175541	Jan-22	94,957	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP VEC E Fairfax MOLB's	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175555	Jan-22	248,679	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP 162 MOLB GE TAP	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	180830	Feb-22	44,774	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP GE Tap MOLB-Cntrl	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175536	Mar-22	126,596	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP VEC 12 MOLB-Cntrl	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175542	Mar-22	109,633	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP TL 118 St. Jay MOLB's	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175580	Mar-22	251,476	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP-L47 P.26 to P.98	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Customer Demog: Rural - CAIDI: 11.8 SAIFI: 3.6 - SADI: 41.9 Total Cust Hrs Out : 5,617 - Assets Age > 40 - Yes - Asse Condition-Plant: Poor - Asset Location: Road / X-Country - Asset Type Wire: Bare).	171731	Apr-22	268,463	The primary purpose is to update and replace aged and highly deteriorating facilities and bring some of the pole plant that is currently off road to the road. This project will add significant reliability to the area by reducing the frequency and durations of outages on this line.
2022	Schilhammer Jericho	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Customer Demog: Rural - CAIDI: 18.55 - SAIFI: 4.27 - SADI: 15.83 Total Cust Hrs Out : 4315.95 - Assets Age > 40 - Yes - Asse Condition-Plant: Poor - Asset Location: Road / X-Country - Asset Type Wire: Bare).	178826	Apr-22	138,048	The primary purpose is to update and replace aged and highly deteriorating facilities and bring some of the pole plant that is currently off road to the road. This project will add significant reliability to the area by reducing the frequency and durations of outages on this line.
2022	WEST WINDSOR L9131 REBUILD	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Customer Demog: Rural - CAIDI: 11.20 - SAIFI: 2.4 - SADI: 26.88 Total Cust Hrs Out : 7,158 - Assets Age > 40 - Yes - Asset Condition-Plant: Poor - Asset Location: Road / X-Country - Asset Type Wire: Bare).	169725	May-22	313,130	The primary purpose is to update and replace aged and highly deteriorating facilities and bring some of the pole plant that is currently off road to the road. This project will add significant reliability to the area by reducing the frequency and durations of outages on this line.
2022	CAP TL118 P29 MOLB-Cntrl	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175567	May-22	93,984	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.

Completed FY22 T&D Projects
Schedule 12

Fiscal Year Project	Project Name / Description	Climate Plan Department Designation ¹	Capital or O&M Project	Description of Criteria Fit	Completed Project			Notes
					Oracle Project Number	Actual In-Service Date (month/year)	Actual Project Amount (Capital Installation) ²	
2022	Lunenburg P1-25 Rebuild	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Customer Demog: Rural - CAIDI: 2.93 SAIFI: 3 - SADI: 8.8 Total Cust Hrs Out : 8,348 - Assets Age > 40 -Yes - Asse Condition- Plant: Poor - Asset Location: Road / X-Country - Asset Type Wire: Bare).	170150	Jun-22	168,299	The primary purpose is to update and replace aged and highly deteriorating facilities and bring some of the pole plant that is currently off road to the road. This project will add significant reliability to the area by reducing the frequency and durations of outages on this line.
2022	CAP Ludlow 103 MOLF's	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175576	Jun-22	295,023	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP Wilder Tap MOLF's	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175581	Jun-22	312,332	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP VT Castings MOLF's	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175582	Jun-22	242,408	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	Hendrix over Hogback	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Customer Demog: Rural - CAIDI: 11.80 - SAIFI: 1.8 - SADI: 21.25 Total Cust Hrs Out : 6775 - Assets Age > 40 -Yes - Asset Condition- Plant: Poor - Asset Location: Road / X-Country - Asset Type Wire: Bare).	177189	Jun-22	559,312	The primary purpose is to update and replace aged and highly deteriorating facilities and bring some of the pole plant that is currently off road to the road. This project will add significant reliability to the area by reducing the frequency and durations of outages on this line.
2022	Single phase West Hill	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Customer Demog: Rural - CAIDI: 11.80 - SAIFI: 1.8 - SADI: 21.25 Total Cust Hrs Out : 6775 - Assets Age > 40 -Yes - Asset Condition- Plant: Poor - Asset Location: Road / X-Country - Asset Type Wire: Bare).	182454	Jun-22	411,672	The primary purpose is to update and replace aged and highly deteriorating facilities and bring some of the pole plant that is currently off road to the road. This project will add significant reliability to the area by reducing the frequency and durations of outages on this line.
2022	Middle Rd & Galvin Hill	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Customer Demog: Rural - CAIDI: 4.67 SAIFI: 3.2 - SADI: 14.96 Total Cust Hrs Out : 7,890 - Assets Age > 40 -Yes - Asse Condition- Plant: Poor - Asset Location: Road / X-Country - Asset Type Wire: Bare).	178569	Jul-22	380,374	The primary purpose is to update and replace aged and highly deteriorating facilities and bring some of the pole plant that is currently off road to the road. This project will add significant reliability to the area by reducing the frequency and durations of outages on this line.
2022	CAP Rock of Ages MOLF-Cntrl	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175532	Aug-22	172,778	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP Agri Mark Tap MOLF-Cntrl	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175571	Aug-22	96,988	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP Mendon Tap MOLF	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175579	Aug-22	404,982	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	Plymouth line 881 p15-35	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Customer Demog: Rural - CAIDI: 4.74 SAIFI: 3 - SADI: 14.24 Total Cust Hrs Out : 3931 - Assets Age > 40 -Yes - Asset Condition- Plant: Poor - Asset Location: Road / X-Country - Asset Type Wire: Bare).	148877	Sep-22	291,188	The primary purpose is to update and replace aged and highly deteriorating facilities and bring some of the pole plant that is currently off road to the road. This project will add significant reliability to the area by reducing the frequency and durations of outages on this line.
2022	CAP Rock of Ages MOLF's	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175546	Sep-22	138,423	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP WEC W. Danville MOLF's	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175553	Sep-22	163,171	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP Ludlow 103 MOLF-Cntrl	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175561	Sep-22	88,374	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP Mendon Tap MOLF-Cntrl	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175565	Sep-22	99,735	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP Wilder Tap MOLF-Cntrl	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175568	Sep-22	81,766	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP VT Casting Tap MOLF-Cntrl	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175569	Sep-22	78,652	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.

Completed FY22 T&D Projects
Schedule 12

Fiscal Year Project	Project Name / Description	Climate Plan Department Designation ¹	Capital or O&M Project	Description of Criteria Fit	Completed Project			Notes
					Oracle Project Number	Actual In-Service Date (month/year)	Actual Project Amount (Capital Installation) ²	
2022	CAP Belden Fall MOLF's	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175575	Sep-22	268,160	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	CAP Agri mark MOLF's	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Resiliency Project, connection with other distribution utility, collocated with fiber)	175583	Sep-22	286,207	This project is part of an ongoing reliability improvement to add SCADA controlled motor operators to load break switches at critical sectionalizing points on the GMP subtransmission system. Motorizing these switches will significantly improve the operability and reliability of the system by facilitating remote fault isolation and sectionalization of the subtransmission system for disturbances and faults.
2022	REFEED L73 P80- P102	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Customer Demog: Rural - CAIDI: 6.57 SAIFI: 1.8 - SADI: 11.83 Total Cust Hrs Out : 9,558 - Assets Age > 40 Yes - Asse Condition- Plant: Poor - Asset Location: Road / X-Country - Asset Type Wire: Bare).	175860	Sep-22	504,217	The primary purpose is to update and replace aged and highly deteriorating facilities and bring some of the pole plant that is currently off road to the road. This project will add significant reliability to the area by reducing the frequency and durations of outages on this line.
2022	BRISTOL L702 REBUILD	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Customer Demog: Rural - CAIDI: 1.95 SAIFI: 8.2 - SADI: 16.03 Total Cust Hrs Out : 6,291 - Assets Age > 40 Yes - Asset Condition- Plant: Poor - Asset Location: Road / X-Country - Asset Type Wire: Bare).	176306	Sep-22	801,490	The primary purpose is to update and replace aged and highly deteriorating facilities and bring some of the pole plant that is currently off road to the road. This project will add significant reliability to the area by reducing the frequency and durations of outages on this line.
2022	L 4 Rebuild P77-100	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Customer Demog: Rural - CAIDI: 3.45 SAIFI: 1.43 - SADI: 4.93 Total Cust Hrs Out : 4,788 - Assets Age > 40 Yes - Asset Condition- Plant: Poor - Asset Location: Road / X-Country - Asset Type Wire: Bare).	176758	Sep-22	400,757	The primary purpose is to update and replace aged and highly deteriorating facilities and bring some of the pole plant that is currently off road to the road. This project will add significant reliability to the area by reducing the frequency and durations of outages on this line.
2022	Pleasant St Sub G42&G43	T&D	Capital	Prioritized project based on consideration of Climate Plan criteria (Customer Demog: Rural - CAIDI: 19.26 - SAIFI: 1.94 - SADI: 36.33 Total Cust Hrs Out : 5,228 - Assets Age > 40 Yes - Asset Condition- Plant: Poor - Asset Location: Road / X-Country - Asset Type Wire: Bare).	177616	Sep-22	1,358,125	The primary purpose is to update and replace aged and highly deteriorating facilities and bring some of the pole plant that is currently off road to the road. This project will add significant reliability to the area by reducing the frequency and durations of outages on this line.
					Total Capital:	5	10,602,740	

¹ Climate Plan Department Designation

- T&D
- Generation
- IT/OT
- Innovation

² Exhibit 2 Documentation Requirements

Capital Projects over \$2,000,000 shall be considered 'Major Projects' and require a cost-benefit analysis (see exemptions in Exhibit 2 MOU)
Capital Projects under \$2,000,000 shall be considered 'Non-Major Projects' and require a financial analysis