

Project Management Plan and Monthly Progress Report		
Report Number	1	
Reporting Period: Fiscal/Project Year Start	2018-2019	
Reporting Period's Month/Year	May 2018	
GSE Grant Agreement Number		
GSE Grant Agreement		
Project Organization or Substation		
Project Title		
Project Performance Period Start Date (mm/dd/yyyy)		
Project Performance Period End Date (mm/dd/yyyy)		
Project Status/Summary		
Project Location (Stage 2p Codes)		
Revised Community Stage 2p Codes		
Substation Business POC		
Substation Business Address		
Substation Project Manager/Lead (name)		
Is this work being performed by a subcontractor?		
Number of customers (i.e., meters) served by the utility performing the project		
Number of customers (i.e., meters) that are expected to see benefits from the project		
Substation Category of Substation		
Substation Category of Work		
Project Description		
Project Benefits (Impact)		
Project Benefits Description		
Major Accomplishments During Reporting Period		
Planned Work for Next Reporting Period		
Notes/Remarks		

MILESTONE TABLE				
Milestone	Milestone Title	Completion Date		Status
		Planned	Actual	
PM1-1	Project Start (e.g., Award Contract)	3/1/2018	3/1/2018	Completed
PM1-2	Design Complete			On Track
PM1-3	Design Complete			On Track
PM1-4	Design Complete (including 2017 & 2018 Projects)			On Track
PM1-5	Construction Materials Procurement			On Track
PM1-6	Construction Materials Procurement			On Track
PM1-7	Construction Materials Procurement			On Track
PM1-8	Construction Materials Procurement			On Track
PM1-9	Construction Materials Procurement			On Track
PM1-10	Construction Materials Procurement			On Track

BUILD METRICS INFORMATION ABOUT PROJECT ACTIVITIES				
Metric (Substation Size, etc.)	Type (Substation Size, etc.)	Goal Value	Progress	
			Value (During Reporting Period)	Comparison Value for Project Duration
Value of new distribution lines (feet) by capacity (2018 only) by Type (feet)				
Value of distribution lines with other upgrades (Specify on "Type" field used with upgrade)				
Number of substations with upgraded equipment				
Number of other monitoring/metering devices installed				

RISK MANAGEMENT LOG				
Risk	Impact	Probability	Mitigation Strategy	
Weather and regulatory approvals may delay implementation of project.				
Utility staff may have limited availability of equipment causing project delays.				
Weather or other factors may cause equipment delays.				
Construction cost increases.				
Construction cost increases.				
Construction cost increases.				

I certify that these expenditures were made according to the terms and conditions in the matching fund grant award and to the best of my knowledge and belief, this report is correct and complete. I further certify that a copy of this RFR has been provided to GCEnergy@energy.nv.gov. Attached are copies of all reports submitted to the federal funding organizations related to the expenditures included in this report.

Signature - NREA		6/15/2018
GEOFFICE USE ONLY		
Fiscal Review	Date of Approval:	
Programmatic Review	Date of Approval:	

Project Management Plan and Monthly Progress Report		
Report Number		
Reporting Period: Fiscal/Financial Year/Year	2024	
Reporting Period's Month/Year	May	
DOE Grant Agreement Number	DE-CD0000029	
Project ID Number	Renew Power	
Project Organization or Suborganization	DOE/EE	
Project Title	Systemic System Enhancement	
Project Performance Period Start Date (month/year)	3/1/2024	
Project Performance Period End Date (month/year)	3/31/2025	
Project Start/Entry	Renew	
Project Location (Single Zip Code)	88001, 88017	
Beneficial Community (Single Zip Code)	88001, 88017	
Subaward Business POC	Ken Massey	
Subaward Business Address	2215 Main St. Adams, NE 68801	
Subaward Project Manager/Lead (name)	Ken Massey	
Is this work being performed by a subawardee	yes	
Number of customers (i.e., meters) served by the entity performing the project	744	
Number of customers (i.e., meters) that are expected to see benefits from the project	744	
Is a Utility Category of Subawardee	Distribution Provider	
Is a Utility Category of Work	Hardening of Power Lines, Facilities, Substations, or Other Systems Monitoring and Control Technologies Reenergizing of Power Lines with Low-imp. Advanced Conductors Rehabilitation of Power Lines	
Project Description	Implement a system hardening and modernization project across the electric distribution system to improve reliability, reduce wildfire ignition risk, and enhance operational stability. The project includes deployment of Advanced Metering Infrastructure (AMI) to service locations, upgrades to aging substation equipment, and installation and hardening of approximately 100 miles of 25 kV distribution line. Distribution system assets will receive focus to all of the most critical and difficult-to-reach areas and incorporate smart conductors and hardened structures designed to improve durability and resilience. Substation upgrades will replace aging transformers, breakers, switches, and supporting infrastructure to improve capacity and operational flexibility. Additional smart and cyber resilient system hardening, improved outage detection, and enhanced power quality activity. Together, these activities modernize critical infrastructure and strengthen the distribution system's ability to withstand adverse weather and wildfire-related risks.	
Project Benefit Topics	Hardening Infrastructure Reducing Restoration Time Reducing Aging Infrastructure Adding System Reconfiguration capability	
Project Benefit Description	The project will present initial strategies to reducing wildfire-related fuel risks through distribution line relocation and system hardening. Replacement of aging meters, substations, and distribution equipment and system capacity activity will reduce equipment failure. Replacement of AMI and upgrade substation equipment will reduce restoration time by enabling faster outage detection, fault isolation, and service restoration. These improvements will also enhance operational flexibility, improve situational awareness during disruptive events, and reducing time spent restoring service for customers.	
Major Accomplishments During Reporting Period	Planning and Material Quotes have started	
Planned Work for Next Reporting Period	Procuring Materials	
Notes of Risk		

MILESTONE TABLE				
Milestones	Milestone Title	Completion Date		Status
		Planned	Actual	
M1-1	Project Kick-off, Award Contract	3/1/2024	3/1/2024	Completed
M1-2	Planning Complete			On Schedule
M1-3	Design Complete			On Schedule
M1-4	Regulatory Approval Obtained (including NEPA & Regional Permits)			On Schedule
M1-5	Equipment Material Purchase			On Schedule
M1-6	Construction - Substation Upgrade			On Schedule
M1-7	Construction - Distribution Line Complete (partial installation under way)			On Schedule
M1-8	Construction - Substation 100% Complete			On Schedule
M1-9	Construction - Distribution 100% Complete			On Schedule

KPIs/METRICS (Information about project activities)				
Metric Activity / Item Title	Type (if/when due: 200)	Goal Value	Progress	
			Value During Reporting Period	Comparison Value for Project Duration
Miles of new distribution line (Specify capacity (200 miles) in Type field)		Three miles of new 25 kV distribution line constructed to relocate existing assets from densely wooded, high-risk fire area and improve system reliability and wildfire resilience.	None at this time.	
Miles of distribution lines with other upgrades (Specify in "Type" field what new upgrades)		Conduct 25 kV distribution line upgrades with major conductors, hardened pole structures, improved hardware, and weather-resistant design to increase capacity, stability, and reduce wildfire ignition risk.	None at this time.	
Number of substations with upgraded equipment		Substation upgrades include replacement of aging transformers, breakers, switches, and supporting infrastructure to improve system capacity, operational flexibility, and reliability during high-load and emergency events.	None at this time.	
Number of other monitoring/controlling devices installed		Full deployment of Advanced Metering Infrastructure (AMI) smart meters enabling real-time system monitoring, operational outage management, power quality monitoring, and enhanced operational control.	None at this time.	

RISK MANAGEMENT LOG			
Risk	likelihood	impact	Mitigation Strategy
Procurement and regulatory approvals may delay implementation of project.			
Supply chain issues may impact availability of equipment needed project delays.			
Weather or other factors delay implementation.			
Construction cost overruns.			
Not available risk as needed.			
Provide additional explanation of Risk Impacts and Mitigation Strategies (if needed).			

Distribution lines

Project Management Plan and Monthly Progress Report		
Report Number		
Reporting Period: Fiscal/Financial Year Month	2025	
Reporting Period's Month Name	May	
CDE Grant Agreement Number		
Project ID Number	CE-00000009	
Project Organization or Substation	City of Boulder	
Project Title	Substation 3 Rebuild	
Project Performance Period Start Date (mm/dd/yyyy)	4/1/2024	
Project Performance Period End Date (mm/dd/yyyy)	3/31/2025	
Project Status/Summary	Normal	
Project Location (Single Zip Code)	80505	
Rebuild Community (Single Zip Code)	80502, 80505, 80506, 80508	
Subaward Business POC	Gray Finkelshteyn	
Subaward Business Address	801 California Ave., Boulder City, CO 80502	
Subaward Project Manager/Lead (name)	Gray Finkelshteyn	
Is this work being performed by a subawardee?	yes	
Number of customers (i.e., meters) served by the entity performing the project	8,200	
Number of customers (i.e., meters) that are expected to see benefits from the project	8000	
Sub-award Category of Subawardee	* Distribution Provider * Electric Grid Operator * Electric Grid Operator * Electric Storage Operator * Fuel Provider * Transmission Operator/Owner * Other (as approved by CDE)	
Sub-award Category of Work	* Hardening of Power Lines, Facilities, Substations, or Other Systems * Monitoring and Control Technologies	
Project Description	Rebuild and modernize Substation 3 by converting the facility from an outdated 4 kV configuration to a modern 12 kV platform. Project work includes engineering and design, procurement and installation of new power transformers, 12 kV and 15 kV circuit breakers, motor-control systems, switchgear construction, and full testing and commissioning. Construction activities include foundation preparation, equipment installation, grounding systems, cable routing, and structural assembly. The project requires detailed coordination with various equipment designed to improve reliability, increase capacity, and enhance operational flexibility. Upon completion, Substation 3 will serve as a robust distribution system, ensuring the reliability of existing power service, future load growth, and integration of distributed energy resources.	
Project Benefits/Tenets	* Powering Vital Outages* Powering Critical Outages* Reducing Restoration Time* Reducing Aging Infrastructure	
Project Benefits Description	The Substation 3 rebuild will prevent initial outages by replacing aging and below-grade infrastructure with modern, reliable equipment. New investments, breakers, and control systems will reduce the risk of cascading outages by improving fault protection and system isolation capabilities. Modernized monitoring and control technologies will reduce restoration times by enabling faster detection, isolation, and recovery from outage events. Overall, the project replaces aging infrastructure and strengthens the reliability and resilience of a critical distribution system facility.	
Major Accomplishments During Reporting Period	During this reporting period, the City of Boulder City continued to advance the Substation #3 Rebuild project (CDEPDP-003) with the engineering phase coming to 85% completion.	
Planned Work for Next Reporting Period	During the next reporting period, the City of Boulder City anticipates continued progress on the Substation #3 Rebuild project (CDEPDP-003). Work is expected to advance across reviewing engineering, construction, and installation activities as the project moves toward completion.	
Notes of Risk		

MILESTONE TABLE				
Milestone	Milestone Title	Completion Date		Status
		Planned	Actual	
PM1.1	Project Start (e.g., Award Contract)	5/1/2024	5/1/2024	Completed
PM1.2	Project Complete	5/1/2024	5/1/2024	Completed
PM1.3	Design Complete	5/1/2024	5/1/2024	Completed
PM1.4	Equipment Material Ordered (including MTO's & Transport Permits)	5/1/2024	5/1/2024	Completed
PM1.5	Equipment Material Purchased	5/1/2024	5/1/2024	Completed
PM1.6	Construction Mobilization			In-Progress
PM1.7	Construction - Foundation Work, Conductor Installation, Breaker Installation			In-Progress
PM1.8	Construction - Transformer Installation			In-Progress
PM1.9	Project Complete - Close Out			In-Progress

Distribution Data

BUILD METRICS (Information about project activities)				
Metric (Include from Risk Register)	Type (Refer to Risk ID)	Goal Value	Progress	
			Value During Reporting Period	Completion Value for Project Duration
Number of substations with approved equipment	Applies to new installations, 12 kV and 15 kV systems, motor-control, and switchgear construction	1	1	1
Number of substations with site upgrade (specific to "Type" Risk and what was upgraded)	Voltage conversion from 4 kV to 12 kV and switchgear replacement, modernization	1	1	1
Number of other production or control devices installed	Equipment material procurement, installation, performance, and commissioning	10+	10	10
Percentage of system upgrades (or new systems) subject to safety-related system (e.g., "Type" Risk ID: SCADA, SCADA, inventory management, and/or equipment or other)	SCADA	1	1	1

RISK MANAGEMENT LOG				
Risk	Risk Management Log		External Impact	Mitigation Strategy
	Identified	Assessed		
Planning and regulatory approval may delay implementation of project	Low	Low	Delays in environmental review or permitting could affect project schedule and sequencing of construction activities	Early initiation of permitting and regulatory coordination, parallel identification of permitting requirements, and proactive communication with regulatory agencies
Design/Construction may impact inventory of equipment during project period	Low	Low	Inventory shortages or delays	Proactive communication with equipment suppliers, early procurement, and alternative sourcing strategies
Weather or other factors may impact construction	Low	Low	Delays in project start and completion	Weather monitoring, flexible scheduling, and contingency planning
Cost escalation may impact project	Medium	Medium	Delays in project start and completion	Cost control measures, regular communication with suppliers, and contingency planning
Provide additional explanation of Risk Impact and Mitigation Strategies (if needed)				

Project Management Plan and Monthly Progress Report	
Report Number	
Reporting Period's Fiscal Year Month	0000
Reporting Period's Month Day	000
CDE Grant Agreement Number	
CDE Grant Agreement Title	
Project Organization or Suborganization	
Project Title	
Project Performance Period Start Date (mm/dd/yyyy)	
Project Performance Period End Date (mm/dd/yyyy)	
Project Status/Type	
Project Location (Single Zip Code)	
Benefit Community (Single Zip Code)	
Subaward Business POC	
Subaward Business Address	
Subaward Project Manager/Lead (name)	
Is this work being performed by a subaward?	
Number of customers (i.e., meters) served by the utility performing the project	
Number of customers (i.e., meters) that are expected to see benefits from the project	
All electrical categories of subawards	
All electrical categories of utility	

Milestone	Milestone Title	Completion Date		Status
		Planned	Actual	
PM1-1	Project Initiation (e.g., Award Contract)	2/1/2020	2/1/2020	Completed
PM1-2	Planning Complete	3/31/2020	3/31/2020	In Progress
PM1-3	Design Complete	5/31/2020	5/31/2020	On Schedule
PM1-4	Procurement Complete (including RFP's & Request Proposals)	6/30/2020	6/30/2020	On Schedule
PM1-5	Construction Material Procurement	7/31/2020	7/31/2020	On Schedule
PM1-6	Construction Equipment Procurement	8/31/2020	8/31/2020	On Schedule
PM1-7	Construction Installation (70% Complete (define relative number here))	11/30/2020	11/30/2020	On Schedule
PM1-8	Construction Installation (100% Complete)	12/31/2020	12/31/2020	On Schedule
PM1-9	Project Completion (Change Order)	1/31/2021	1/31/2021	On Schedule

BUILD METRICS (Information about project attributes)				
Metric (define Metric here)	Type (define Metric here)	Goal Value	Progress	
			Value During Reporting Period	Completion Value for Project Closure
Hours of distribution lines with other upgrades (specify in "Type" field what was upgraded)	Replacement of overhead hydraulic conductors with aluminum conductors		25	25
Number of other protection or control devices installed	Installation of vacuum-type electronic switches with advanced protection coordination, and non-voltage sensitive in high-voltage areas	25	25	25
Number of other monitoring/telemetry devices installed	Installation of weather stations at substations and integration of resources with SCADA for real-time monitoring, analysis, and operational decision support	25	25	25
Percentage of system impacted into new software system (specify software system in "Type" field: EMS, SCADA, SCADA, inventory management, work order management, or other)	SCADA integration for distribution resources and weather monitoring, analysis, and operational decision support, and improved outage response	100%	100%	100%

RISK MANAGEMENT LOG					
Risk	Risk Management Log		Potential Impact	Mitigation Strategy	
	Identified	Assessed		Identified	Assessed
Planning and regulatory approvals may delay implementation of project	High	High	No Potential Impact	No planning or approvals needed	
Supply chain issues may impact availability of equipment during project delays	High	High	Medium Potential	Early equipment procurement	
Weather or other factors may impact construction	High	High	Low	Weather monitoring and contingency planning	
Cost overruns may impact project budget	High	High	Low	Regular cost reporting and budget adjustments	
Provide additional mitigation of Risk Impact and Mitigation Strategies (if needed)					

Project Management Plan and Monthly Progress Report	
Report Number	
Reporting Period: Fiscal/Project Year/Item	2024
Reporting Period's Month/Day	March
CDE Grant Agreement Number DE-000000009	
Project ID Number	DE000000009
Project Organization or Suborganization	DE000000009
Project Title	Perkins to Railroad Valley
Project Performance Period Start Date (month/year)	10/2023
Project Performance Period End Date (month/year)	09/2025
Project Status/Category	Perkins
Project Location (State Zip Code)	80301
Beneficiary Community (State Zip Code)	80314
Subaward Business POC	Kevin Robinson
Subaward Business Address	9000 Grand Avenue Blvd., Elko, Nevada 89001
Subaward Project Manager/Lead (name)	John Burton
Is this work being performed by a subawardee?	yes
Number of customers (i.e., meters) served by the entity performing the project	449
Number of customers (i.e., meters) that are expected to see benefits from the project	449
Is a Utility Company of Subawardee?	* Distribution Provider * Electric Gas Operator * Transmission Owner/Operator * Other (as approved by CDE)
Is a Utility Company of Work?	* Feederline of Power Lines, Facilities, Substations, or Other Systems * Utility Pole Management
Project Description	
Strengthen a critical radial distribution feeder serving residential, agricultural, commercial customers, and the Duckwater Shoshone Tribe to replacing damaged and aging distribution poles to increase system high-voltage. The project focuses on pole replacement identified through a 2024 three-year pole loading study and includes installation of ducts for new steel poles to locations subject to severe weather, wildfire risk, and limited access. Work will occur along the feeder from Perkins Substation through Railroad Valley, including Central Summit, Railroad Valley Grade, and adjacent segments. Project activities include removal of aging pole structures, installation of new hardened poles, and replacement of associated hardware and materials as needed to restore, improve design and improve reliability. Assess need replacement and coordination with future upgrades where required. Materials will be purchased by Railroad Valley Tribe, with future equipment needed. The project is designed to address known distribution deficiencies and improve long-term feeder reliability without unnecessarily new distribution lines or substations.	
Project Benefits Summary	
The project will provide critical upgrades to replacing distribution deficient and aging poles with hardened ducts for steel structures designed to withstand wildfire, storm, and environmental stresses. Eliminating weak pole structures reduces the likelihood of the failure, conductor drops, and system-wide outages and improves safety. Replaced poles and hardware will improve system reliability and safety of the system and safety of the community and the environment. Replacement of aging infrastructure improves feeder reliability and safety for customers served by this long radial line, including critical services and third communities. Overall, the project strengthens system reliability, reduces outage risk, and improves long-term performance of the distribution system in areas with limited access and challenging terrain.	
Major Accomplishments During Reporting Period	
Planned Work for Next Reporting Period	
Notes of Work	

MILESTONE TABLE				
Milestone	Milestone Title	Completion Date		Status
		Planned	Actual	
M1-1	Project Start-Up, Award Contract	01/2024	01/2024	Completed
M1-2	Planning Committee	01/2024	01/2024	On-Schedule
M1-3	Design Committee	01/2024	01/2024	On-Schedule
M1-4	Design Review Committee (including M1-1 & Required Permit)	01/2024	01/2024	On-Schedule
M1-5	Design Review Committee	01/2024	01/2024	On-Schedule
M1-6	Construction - Installation	01/2024	01/2024	On-Schedule
M1-7	Construction - Installation (with Compliance)	01/2024	01/2024	On-Schedule
M1-8	Construction - Installation (with Compliance)	01/2024	01/2024	On-Schedule
M1-9	Project Completion - Closed Out	01/2024	01/2024	On-Schedule

BUILD METRICS (Information about project attributes)				
Metric	Metric Description	Goal Value	Progress	
			Value During Reporting Period	Completion Value for Project Duration
Number of distribution poles replaced	Replacement of damaged and aging steel poles with ductile steel or steel poles along the radial distribution feeder from Perkins Substation through Railroad Valley to improve reliability and reduce wildfire and storm-related outages.			
Number of distribution poles inspected	Inspection of existing distribution poles identified through a 2024 three-year pole loading study to determine condition, structural integrity, and replacement priority by service area and high-voltage areas.			
Number of distribution poles with other upgrades (specific to "Type" field value was upgraded)	Replacement of pole-mounted hardware and inspection of existing distribution poles to improve reliability, enhance performance, and protection of the feeder serving remote and third communities.			
Value of distribution lines with other upgrades (specific to "Type" field value was upgraded)	Distribution line hardening along the Perkins to Railroad Valley Feeder including installation of steel or ductile steel poles and associated hardware and materials without reconstruction.			

RISK MANAGEMENT LOG				
Risk	Likelihood	Impact	Potential Impact	Mitigation Strategy
Planning and regulatory approvals may delay implementation of project.				
Utility/tribe/contractor may impact availability of equipment/valuing project delays.				
Weather or other factors may impact construction.				
Cost escalation may be realized.				
Provide additional explanation of Risk Impact and Mitigation Strategies (if needed)				

Distribution Data

Project Management Plan and Monthly Progress Report		
Report Number		
Reporting Period: Fiscal/Project Year Start	2024	
Reporting Period's Month/Day	March	
ODJ Grant Agreement Number	24-CO000029	
Project ID Number	24R-River Water Electric Cooperative	
Project Organization or Subcontractor	WEC	
Project Title	Undergrounding Line Daybreak City	
Project Performance Period Start Date (month/year)	11/20/2023	
Project Performance Period End Date (month/year)	11/30/2024	
Project Start/Finishing	7/24/2024	
Project Location (Single Zip Code)	88832	
Beneficial Community (Single Zip Code)	88831, 88832	
Subaward Business POC	Mica Christensen	
Subaward Business Address	125 North Main Street, Ste 2000	
Subaward Project Manager/Lead (name)	Mica Christensen	
Is this work being performed by a subcontractor?	yes	
Number of customers (i.e., meters) served by the utility performing the project	8,260	
Number of customers (i.e., meters) that are expected to see benefits from the project	816	
Subcontractor(s) Category of Subcontractor: Enter the name and address of subcontractor that did not receive your rate in a Subaward in 2024 project. Do not include any other contractor or third parties approved by ODJ.	Distribution Provider Electric Grid Operator Transmission Owner/Operator	
Subcontractor(s) Category of Utility: Enter the name and address of utility that did not receive your rate in a Subaward in 2024 project. Do not include any other contractor or third parties approved by ODJ.	Hardening of Power Lines, Facilities, Substations, or Other Systems Replacement of Old Overhead Conductors & Underground Cables Undergrounding of Electrical Equipment	
Project Description	Replace an aging 34.5 kV overhead distribution line serving the Duck Valley Indian Reservation and Mountain City with underground high-voltage cables. The project includes engineering and route planning, right-of-way and easement acquisition, material procurement, and construction of an underground distribution line along an accessible corridor. Installation activities include trenching or placing conduit in rock conditions, placement of underground cables, termination and grounding in accordance with IEEE specifications and manufacturer and standards for the agencies, including NESC and the American Public Works. Following reenergization of the underground line, the existing overhead line will be fully de-energized, removed, and stored, with associated cleanup of poles and hardware. The project is designed to continue critical load back capacity while obtaining separation of the distribution line in wildfire, wind, and severe weather risks. Final as-built documentation will be completed upon project closure.	
Project Benefit Topics	* Planning Risk Changes * Planning Capacity Changes * Reducing Restoration Time * Reducing Aging Infrastructure	
Project Benefit Description	The project will prevent future outages by undergrounding a critical 34.5 kV distribution line, eliminating overhead exposure and significantly reducing risk from wildfire, storm, and damage, vegetation contact, and severe weather. Replacing aging overhead infrastructure while maintaining back-feed capacity will reduce the likelihood of cascading outages affecting the Duck Valley Indian Reservation, Mountain City, and surrounding communities. Undergrounding the line has the potential to improve storm damage, wildfire risk, restoration, improving long-term system resilience, enhancing public safety, and ensuring reliable service to critical community and infrastructure.	
Major Accomplishments During Reporting Period	Getting the grant award.	
Planned Work for Next Reporting Period	Work on planning phases to be able to bid to secure contractor to help with easements.	
Notes of Risk		

MILESTONE TABLE				
Milestone	Milestone Title	Completion Date		Status
		Planned	Actual	
PM1-1	Project Kick-off (Award Contract)	01/15/2024	01/15/2024	Completed
PM1-2	Planning Commence	01/15/2024		In-Progress
PM1-3	Design Complete	01/15/2027		On-Schedule
PM1-4	Permitting Approval Obtained (including NESC & Resource Permits)	01/15/2027		On-Schedule
PM1-5	Construction Material Procurement	01/15/2028		On-Schedule
PM1-6	Construction Mobilization Complete	01/15/2028		On-Schedule
PM1-7	Construction - Foundation Work Complete (partial installation under way)	01/15/2028		On-Schedule
PM1-8	Construction - Foundation Work Complete	01/15/2028		On-Schedule
PM1-9	Project Complete - Change Out	01/15/2031		On-Schedule

BULKY METRICS (Information about project attributes)				
Metric	Metric Definition (from BOD)	Type (Indicator (for 300))	Goal Value	Progress
				Value During Reporting Period
Value of distribution lines undergrounded	Underground installation of a 34.5 kV distribution line replacing an existing overhead line serving the Duck Valley Indian Reservation and Mountain City, reduce wildfire and weather exposure.	0.75 miles	0	0
Value of distribution lines with other upgrades (specify in "Type" field with value upgrade)	Conversion of existing overhead 34.5 kV distribution line to underground high-voltage cable, including termination and grounding in accordance with IEEE and local Electric Cooperative specifications.	0.75 miles	0	0
Value of new distribution lines	Installation of new underground 34.5 kV distribution cable along an accessible route to increase reliability and back-feed capacity while reducing aging overhead infrastructure.	0.75 miles	0	0
Number of distribution poles replaced	Removal and retirement of existing overhead distribution poles associated with the replaced 34.5 kV overhead line.	122 poles	0	0

RISK MANAGEMENT LOG				
Risk	Impact	Severity	Probability/Impact	Mitigation Strategy
Planning and regulatory approvals may delay implementation of project	Medium	High	Could substantially prevent project from happening	We continuously consult support and lead written letters from tribe representatives. We use site familiar outside entity to assist with the permitting.
Local tribes may request additional engineering design changes	Medium	Medium	Delay in contract start and completion	An cost of budget increase from tribe material will also show lead time. We can select right supplier and remove exclosures with this.
Weather conditions may impact construction	Low	Low	Delay in project start and completion	Include weather delay in project planning and work during summer months.
Unforeseen cost increases	Medium	Low	Delay in project start and completion	Discuss all project start and costs throughout will find any additional costs with contract budget.
Cost overruns may impact budget	Medium	Low		
Provide additional explanation of Risk Impact and Mitigation Strategies (if needed)				

distribution lines

[illegible]

Milestone Table				
Milestone	Milestone Title	Completion Date		Status
		Planned	Actual	
PM1.1	Project Start (e.g., Award Contract)	3/1/2024	3/1/2024	Completed
PM1.2	Planning Complete			In-Progress
PM1.3	Design Complete			In-Progress
PM1.4	Constructors Approval/Obtain (including NEPA & Resource Permit)			In-Progress
PM1.5	Equipment/Materials Procured			In-Progress
PM1.6	Construction/Installation Complete			In-Progress
PM1.7	Construction/Installation 50% Complete (define milestone name here)			In-Progress
PM1.8	Construction/Installation 100% Complete			In-Progress
PM1.9	Equipment/Construction Close-Out			In-Progress
PM1.10	Construction Complete			In-Progress

BUILD METRICS (Information about project activities)				
Work Item Type (M)	Type (activity in JMS)	Cost Value	Value Gated Property	Completion Value for Project Duration
Idea of innovation ideas of negotiation sharing	Design and realization of a system for the management of way in a home and an autonomous mobile robot	270000	0	0
Number of other production or control devices installed	Provision of external hardware and networks, controlled networking between integrated and project components, configuration and software support	11	0	0
Percentage of system integrated into new software system (partially, fully, or not at all) (e.g. ROS2, ROS2, inventory management, decision management, etc.)	ROS2 system integrated existing system, ROS2 system integrated existing system, ROS2 system integrated existing system, ROS2 system integrated existing system, ROS2 system integrated existing system	100%	0	0

Item	Risk Management Log		Potential Impact	Mitigation Strategy
	Probability	Impact	Probability	Impact
Planning and regulatory approvals may delay implementation of project	medium	high	Project is not planned or proceeding on a schedule that allows for all of the required project milestones and completion of all regulatory approvals	Early regulatory coordination, advance planning and permitting, and working closely with regulatory agencies
Supply chain issues may impact availability of equipment or testing project items	medium	medium	Equipment used for air monitoring activities, or critical test equipment may be unavailable	Early regulatory coordination, advance planning and permitting, and working closely with regulatory agencies
Weather or other factors delay implementation	low	medium	Weather-related issues that may impact field activities or transportation routes or work sites	Flexible scheduling, contingency planning, and working closely with regulatory agencies
Communication and outreach	low	medium	Communication materials may not be developed or distributed in a timely manner, or permitting could impact budget allocations	Open communication, contingency planning, and coordination with MDEP as needed

distribution lines

