Operations Project Authorization Form

Date Prepared: December 12, 2017	Project Title: 2017 Meter Capital Program (MTR17)
Company: CL&P Connecticut Nstar Eastern MA WMECO Western MA PSNH New Hampshire	Project ID Number: CTMTR17 Connecticut Meter Purchases MAEMTR17 Eastern MA Meter Purchases MAWMTR17 Western MA Meter Purchases NHMRT17 New Hampshire Meter Purchases
Organization: Distribution	Class(es) of Plant: Material
Project Initiator: [redacted]	Project Category: Material
Project Owner/Manager: [redacted]	Project Type: *Annual Program*
Project Sponsor: [redacted]	Project Purpose: part of regulatory tracked program? No
Estimated in service date: 12/31/2017	If Transmission Project: PTF / Non-PTF / NA N/A
Supplement to Existing Authorization? No	Capital Investment Part of Original Operating Plan? Yes
Eng./Constr. Resources Budgeted? N/A	O&M Expenses Part of the Original Operating Plan? N/A

Project Authorization

Project authorization must be in accordance with the approval levels included in the Delegation of Authority Policy (DOA).

If Chief Executive Officer or Subsidiary Board approval is required, document the review by Enterprise Risk Management (ERM) and Financial Planning and Analysis (FP&A)

ERM: _____

FP&A: _____

Executive Summary

An authorization of $24,217,192 is requested to approve projects for the purchase of electric meters. The overall Meter Capital Program (MTR) is designed to provide accurate, reliable and cost effective metering plant operation. Meters are removed, replaced or installed to meet the needs of the organization including

- Meter Purchases for Life Cycle Exchange (LCE), meet the requirements of our regulators to meet accuracy standards. Meter age, condition, and accuracy as set by regulators and other recognized standards as needed
- Current meter make-up is reviewed to determine meters that can be reused prior to purchasing new.
- Meet the needs for new customer construction and expansion
- Standardized meter purchases across all Op-Co service territories.

The Electric Meter Capital Program strategically replaces Meters to improve reliability and mitigate long term costs that would arise from meter failures due to age or reduction in accuracy.

The 2017 Electric Meter Capital Program provides for replacement of about 4.3% of the Eversource meter plant. The program is managed proactively with a standard approach across Operating Companies. Meters to be replaced are identified annually as a component to the program. Meter replacements are targeted and prioritized based on accuracy performance, age, condition, and the need for new meters for new construction and customer expansion.

2017 Electric Meters

Op-Co	State	Project	Project Description	Qty	2017 Capital Budget
PSNH	NH	NHMTR17	NH Electric Meter Purchases	6,528	$1,922,530
CL&P	CT	CTMTR17	CT Electric Meter Purchases	54,336	$11,348,792
Nstar	EM	MAEMTR17	EM Electric Meter Purchases	63,165	$8,829,300
WMECO	WM	MAWMTR17	WM Electric Meter Purchases	16,680	$2,116,570
					$24,217,192

Project Costs Summary

See APS3 and APS8 requirements and consult with Plant Accounting for capital/O&M determination. Use published loaders for benefits, materials, and invoices, maintained by the Director, Budget and Internal Reporting.
Note: Dollar values are in thousands

	Prior Authorized	2017	20__	20__+	Totals
Capital Additions - Direct	$ -	$ 23,854	$ -	$ -	$ 23,854
Less Customer Contribution	-	-	-	-	-
Removals net of Salvage ____%	-	-	-	-	-
Total - Direct Spending	$ -	$ 23,854	$ -	$ -	$ 23,854
Capital Additions - Indirect	-	363	-	-	363.00
Subtotal Request	$ -	$ 24,217	$ -	$ -	$ 24,217
AFUDC	-	-	-	-	-
Total Capital Request	$ -	$ 24,217	$ -	$ -	$ 24,217
O&M	-	-	-	-	-
Total Request	$ -	$ 24,217	$ -	$ -	$ 24,217

Financial Evaluation

Provide the following financial information (attach additional detail if summarized items are significant or additional information is needed). Note: Dollar values are in thousands

Direct Capital Costs	Year 1	Year 2	Year 3+	Total
Straight Time Labor				
Overtime Labor				
Outside Services				
Materials				
Other, including contingency amounts (describe)				
Total				

Indirect Capital Costs	Year 1	Year 2	Year 3+	Total
Indirects/Overheads (including benefits)				
Capitalized interest or AFUDC, if any				
Total				

Total Capital Costs				
Less Total Customer Contribution				
Total Capital Project Costs				
Total O&M Project Costs				

Note: Explain unique payment provisions, if applicable

If this is a new business project, is a customer contribution required? If yes, please note the contribution amount.

In addition, for all electric and gas growth / new business projects, please attach the CIAC calculation

Provide other financial documentation as warranted by management and / or regulatory precedent. When performing financial analysis, use appropriate discount rate by company (can be provided by Budgeting and Internal Reporting or Financial Planning and Analysis).