Supplemental Project Authorization Form

Date Prepared: October 20, 2017	Project Title: [redacted] Area NB Network Secondary Replace
Company/ies: Eversource CT	Project ID Number: CD00323
Organization: Distribution	Class(es) of Plant: Underground Distribution
Project Initiator: [redacted]	Project Category: UG Obsolescence
Project Owner/Manager: [redacted]	Project Type: Specific
Project Sponsor: [redacted]	Project Purpose: Regulatory tracked program. Replace Type B Network Secondary Conductor.
Estimated in service date: 12/31/2017	If Transmission Project: NA
Supplement to Existing Authorization: Yes	Capital Investment Part of Original Operating Plan: Yes
Eng./Constr. Resources Budgeted: Yes	O&M Expenses Part of the Original Operating Plan: Yes

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

To comply with a PURA mandate, over the last ten years, Eversource has been replacing 500 kcmil Cu network secondary cables and bus bars with 4/0 Cu secondary cables and crabs throughout Connecticut. Project CD00323 covers the replacement of the remaining 500 kcmil Cu Type B network secondary cables located in the [redacted] area of the New Britain secondary network [redacted].

CD00323 is approved in PowerPlan for $1,785K.
We are requesting supplemental authorization for an additional $335K (18.8% of authorized amount) to cover a change in scope that was identified in the field during construction ($130.3K) and to cover higher than anticipated costs associated with the replacement of Type B network secondary cables originally identified under this project ($204.7K).

Explanation of Variance:

Change in Scope ($130.3K): Contract crews were not able to [redacted]

[redacted]

Higher than anticipated costs ($204.7K): Costs associated with the original project scope have been trending higher than what was estimated in the ACT work orders. Cost per cable section was estimated at $22.31K. Actual cost per cable section is $24.87K. A difference of $2.56K X 80 sections = $204.8K.

Supplemental 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*	Additional Request	Totals**
Capital Additions - Direct		$216.8	$216.8
Less Customer Contribution			$0.0
Removals net of Salvage		$19.8	$19.8
Total - Direct Spending		$236.6	$236.6
Capital Additions - Indirect		$93.4	$93.4
AFUDC		$3.4	$3.4
Total Capital Request	$1,784.6	$333.4	$2,118.0
O&M	$0.3	$1.6	$1.9
Total Request	$1,784.9	$335.0	$2,119.9

** Current total amount authorized in PowerPlan.*
*** Total amount needed for authorization in PowerPlan.*

Note: Dollar values are in thousands:

Total Supplement Request by year view:

	Prior Years	Year 2017	Year 2018	Total
Capital Additions - Direct		$413.3	$0.0	$413.3
Less Customer Contribution		$0.0	$0.0	$0.0
Removals net of Salvage ____%		$39.1	$0.0	$39.1
Total Direct Spending		$452.4	$0.0	$452.4
Capital Additions - Indirect		$178.0	$0.0	$178.0
AFUDC		$6.5	$0.0	$6.5
Total Capital Request	$1,481.1	$636.9	$0.0	$2,118.0
O&M	$0.2	$1.7	$0.0	$1.9
Total Request	**$1,481.3**	**$638.6**	**$0.0**	**$2,119.9**

Change in Scope, ACT Estimate:



CD00323-ACT Est-[redacted] Area

Change in Scope Drawing:
(Approved alternative is on Page 4 of 5.)



CD00323-Change in Scope Herald Sq.pdf

Need Statement:



CD00323 ACT Need Statement 5-31-2016