Project Authorization Form

Date Prepared: 7/13/2017	Project Title: [redacted]
Company/ies: Eversource CT	Project ID Number: CD00415
Organization: Distribution Engineering	Class(es) of Plant: Distribution
Project Initiator: [redacted]	Project Category: Reliability
Project Owner/Manager: [redacted]	Project Type: Specific
Project Sponsor: [redacted]	Project Purpose: [redacted]
Estimated in service date: 12/15/2017	If Transmission Project: N/A
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

[redacted]

[redacted]

[redacted]

The preliminary design was OCRC ENG approved on 3/30/2016 for, $320K.
The project is approved and authorized in PowerPlan for, $320K.

The detail design work has been completed and the estimated cost has increased to $434K; a variance of $114K or 135.5% of ENG.

- $40K is due to the fact that a new poured in place 5'X10'X7' manhole is required to intercept and connect the new secondary groupings from the new padmount transformer with the existing secondary groupings to the customer main switch.
- $15K is due to the fact that the amount of copper secondary was underestimated by 260 feet.
- $6.5K is due to the fact that the amount of primary cable was underestimated by 150 feet.
- $13K is due to the fact that generation will be required during the planned cutovers.
- $5K is due to the fact that test pits were required to identify conduit locations into the building.
- $34.5K is due to additional adders resulting from contractor labor costs.

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	2017**	2018	Totals
Capital Additions - Direct			$289.1		$289.1
Less Customer Contribution					$0.0
Removals net of Salvage			$50.9		$50.9
Total - Direct Spending	$0.0	$0.0	$340.0	$0.0	$340.0
Capital Additions - Indirect			$91.2		$91.2
AFUDC			$2.9		$2.9
Total Capital Request			$434.1		$434.1
O&M			$0.1		$0.1
Total Request	$320.3	$113.9	$434.2	$0.0	$434.2

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

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	2017	Year 2	Year 3+	Total
Straight Time Labor	25.7			
Overtime Labor				
Outside Services	151.5			
Materials	139.1			
Other, 7.5% Contingency	23.7			
Total	340.0			

Indirect Capital Costs	2017	Year 2	Year 3+	Total
Indirects/Overheads (including benefits)	91.2			
Capitalized interest or AFUDC, if any	2.9			
Total	94.1			

Total Capital Costs	434.1				
Less Total Customer Contribution					
Total Capital Project Costs	434.1				
Total O&M Project Costs	0.1				
Total Project Costs	434.2				

