Project Authorization Form

Date Prepared: 5/24/2017	Project Title: Establish New Ckt at [redacted], Hartford
Company/ies: Eversource CT	Project ID Number: CD00568
Organization: Distribution Engineering	Class(es) of Plant: Distribution
Project Initiator: [redacted]	Project Category: Peak Load Growth
Project Owner/Manager: [redacted]	Project Type: Specific
Project Sponsor: [redacted]	Project Purpose: Establish New Ckt at South Meadow 1A
Estimated in service date: 7/1/2017	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

The [redacted]

In fourth quarter 2016, Hartford Hospital completed the building of a new Bone and Joint Institute (BJI), supplied by the existing switchgear located at CCMC. [redacted] (refer to project #CD00416 for more details regarding service to the BJI).

In order to alleviate the [redacted]

[redacted]

This project proposes to establish a [redacted] Below is a summary of the work involved:

[redacted]

The preliminary design was OCRC ENG approved on 2/10/2016 for, $112.9K.
The project is approved and authorized in PowerPlan for, $112.9K.

The detail design work has been completed and the estimated cost has increased to $183.5K; a variance of $70.6K or 162% of ENG. The entire $70.6K increase is due to the fact that an additional 600 feet of 500 Cu PILC had to be replaced in order to separate and reconfigure the 134A/B and new 120 circuits.

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			$122.3		$122.3
Less Customer Contribution					$0.0
Removals net of Salvage			$21.1		$21.1
Total - Direct Spending	$0.0	$0.0	$143.4	$0.0	$143.4
Capital Additions - Indirect			$37.8		$37.8
AFUDC			$1.3		$1.3
Total Capital Request			$182.5		$182.5
O&M			$1.0		$1.0
Total Request	$112.9	$70.6	$183.5	$0.0	$183.5

** 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	6.3			
Overtime Labor				
Outside Services	68.7			
Materials	58.4			
Other, 7.5% Contingency	10.0			
Total	143.4			

Indirect Capital Costs	2017	Year 2	Year 3+	Total
Indirects/Overheads (including benefits)	37.8			
Capitalized interest or AFUDC, if any	1.3			
Total	39.1			

Total Capital Costs	182.5				
Less Total Customer Contribution					
Total Capital Project Costs	182.5				
Total O&M Project Costs	1.0				
Total Project Costs	183.5				

CD00568 ACT Need Statement 5-24-2017

CD00568 Establish New Circuit at South

[redacted] new

Protection One-lines 3-20-17.pdf