Project Authorization Form

Date Prepared:	7/25/2017	Project Title: [redacted] Circuit Breaker Automation	
Company:	EE-CT	Project ID Number:	CS00197
Organization:	Strategy&Perform	Class(es) of Plant:	Distribution
Project Initiator:	[redacted]	Project Category:	CBA
Project Owner/Manager:	[redacted]	Project Type:	Specific
Project Sponsor:	[redacted]	Project Purpose:	CBA
Estimated in service date:	12/31/2017	If Transmission Project:	N/A
Supplement to Existing Authorization?	Full Funding	Capital Investment Part of Original Operating Plan?	Yes
Eng./Constr. Resources Budgeted?	Yes	O&M Expenses Part of the Original Operating Plan?	No

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

Need:

Currently there are [redacted] Eversource CT has a goal to have DSCADA control of all of it's high voltage circuit breakers by the end of 2017.

The manufactured dates of the oil breakers range from 1957 to 1972 and they have reached their end of life. All of the breakers are an obsolete, 3-tank design.

This project also is in line with the company's stewardship to the environment by removal of oil devices from our substations. Eversource CT has a goal to replace all oil breakers with vacuum breakers.

Project Description:

This project is for full project funding. The estimated cost is $1.86M. The project construction will begin in August 2017.

The scope includes:

- [redacted]

Benefits:

- [redacted]

Project Costs Summary

Note: Dollar values are in thousands

	Prior Authorized*	2017	2018	Total
Capital Additions Direct	154	1,204	24	$1,228

Less Customer Contribution	0	0	0	$0
Removals Net of Salvage 5%	0	63	1	$65
Total - Direct Spending	$154	$1,268	$25	$1,293
Capital Additions - Indirect	65	553	0	$553
Subtotal Request	$219	$1,821	$25	$1,846
AFUDC	1	11	0	$11
Total Request	$220	$1,832	$25	$1,857

Financial Evaluation

Direct Capital Costs	2017	2018	Total
Straight Time Labor	317	0	$317
Overtime Labor	0	0	$0
Outside Services	661	0	$661
Materials	290	0	$290
Other, including contingency amounts	0	25	$25
Total	$1,268	$25	$1,293

Indirect Capital Costs	2017	2018	Total
Indirects/Overheads (including benefits)	553	0	$553
Capitalized interest or AFUDC, if any	11	0	$11
Total	$564	$0	$564

Total Capital Costs	$1,832	$25	$1,857

Less Total Customer Contribution	0	0	$0

Total Capital Project Costs	$1,832	$25	$1,857

Total O&M Project Costs	$0	$0	$0

** to be completed if supplemental authorization is required*