Operations Project Authorization Form

Date Prepared: 02/06/2018	**Project Title: 2018 Smart Switch Program** [redacted]
Company/ies: CT	**Project ID Number: CD00923**
Organization: Electric	**Class(es) of Plant: Distribution**
Project Initiator: [redacted]	**Project Category: Reliability**
Project Manager: [redacted]	**Project Type: Specific**
Project Sponsor: [redacted]	**Project Purpose: Smart Switch Program**
Estimated in service date: 12/31/2018	**If Transmission Project: PTF? NA**
Eng. /Constr. Resources Budgeted? No	**Capital Investment Part of Original Operating Plan?**
Authorization Type: Initial Funding	**O&M Expenses Part of the Original Operating Plan?**
Total Request: $563K	

Executive Summary

This project was identified as part of the 2018 Smart Switch Program due to [redacted]

Technical Justification:

Project Need Statement

The [redacted] has made the 2018 Smart Switch Program. [redacted] This Circuit has been ranked 26 in the program and needs to be a specific project because of its high cost of $562,729.

Project Objectives

[redacted]

Project Scope

[redacted]

Background / Justification

[redacted]

Business Process and / or Technical Improvements:

[redacted]

Alternatives Considered with Cost Estimates

[redacted]

Project Schedule

Milestone/Phase Name	Estimated Completion Date
ENG Approval	02/08/18
TRC Approval	02/28/18
Detail Design	04/30/18
Resource Allocation	06/01/18
Complete Construction	12/31/18

Regulatory Approvals
None

Risks and Risk Mitigation Plans

This project contains minimal exposure and risk during construction. All major reconductoring work will be done on low traffic backroads and step downs will be placed to not affect customers view or aesthetics to the neighborhood.

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2018	Low	Included contingency costs in the funding request. Perform detailed Field Analysis and walk down in project development to avoid potential issues.
Customer Permission / Siting Council / Municipal approvals	2018	Medium	Design to minimize customer impact. Project Preplanning and customer/community outreach
Internal construction resources not available to perform the work.	2018	Medium	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Internal engineering resources not available to perform the work.	2018	Low	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Storm delays	2018	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2018	Low	Schedule work to minimize system abnormal time. Install temporary bypasses/equipment if systm will be abnormal for extended periods

References



Attachments (One-Line Diagrams, Images, etc.)

CD00923 [redacted] Oneline.pdf

CD00923_project_needs_statement.pdf

NEW LOAD FORM [redacted] pdf

Cost Estimate Backup Details

Budget Summary - Preferred Option — New 3-phase loop with [redacted]

2018

ID	Title	Status	Rev #	Contingency	Expenditure Amount	Net Estimate
1	New [redacted] Tie Lake St	Prelim	0	24 %	$562,729	$562,729
				2018 Total:	**$562,729**	**$562,729**
				Total Project:	**$562,729**	**$562,729**