Technical Authorization Form – Rev. 1

Date Prepared: August 1, 2016	Project Title: [redacted] – Replace [redacted]
Company/ies: Eversource CT	Project ID Number: CS00228
Organization: Strategy & Performance	Class(es) of Plant: Distribution
Project Initiator: [redacted]	Project Category: General Modernization
Project Owner/Manager: [redacted]	Project Type: Specific
Project Sponsor: [redacted]	Project Purpose: Replace the Scitico [redacted]
Estimated in service date: 5/31/17	If Transmission Project: NA

Reason for Revision No. 1

The project team identified a need to replace the [redacted]. The cost to replace the [redacted] will increase the project cost by $200k.

Project Need Statement

[redacted]

Project Objective

[redacted]

Project Scope

[redacted]

Background / Justification

[redacted]

Business Process and / or Technical Improvements:

[redacted]

Cost Estimate and Assumptions

The estimated cost is $2,503k with an in-service date of May 2017. Revision No. 1 of this TAF included the replacement of the transformer low side circuit breaker. The increase in project cost was $200k. The estimate is based on actual costs incurred for similar transformer replacements in the past at other substations, and incorporating any differences noted for this project. Estimated man-hours for engineering, construction and test were considered with input from each group. The appropriate cost loaders and overheads are included in the estimate. Material costs include the current cost of the system spare transformer that will be installed. The estimate scope includes modifications to control conduits, as well as anticipated environmental remediation costs.

Alternatives Considered with Cost Estimates

There were two alternative solutions considered to restore the [redacted]. An expenditure of $750K was not deemed cost effective.

Project Schedule

Describe the project schedule and milestones. Include estimated start and end dates.

Milestone/Phase Name	Estimated Completion Date
Engineering	December 2016
Begin Construction	January 2017
Complete Construction	May 2017

Regulatory Approvals

CT Siting Council will be notified by letter. A hearing is not required.

Risks and Risk Mitigation Plans

The replacement should present few risks. [redacted]

One-Line Diagrams, Attachments, and Images



