Connecticut Light & Power
A Northeast Utilities Company

# Specific Project Proposal - Project #: CS00209

[redacted] - S/S Recloser Automation

## Work Classification

**Category:** Substation
**Type:** SRCC
**Type Desc:** RECLOSER CONTROL PROGRAM
**Work Type:** Other Work

## Ownership / Management

**AWC:** Madison
**Statewide:** No
**Owner:** [redacted]
**Manager:** [redacted]

## Project Information

**Status:** Prelim Design Approved
**SPS #:**
**AIS Score:**
**Associated Projects:**
**Assignment ID:**
**Patrol Find ID:**

## Budget Summary - Preferred Option

Automate substation reclosers

2017

| ID | Title | Status | Rev # | Contingency | Expenditure Amount | Net Estimate |
|---|---|---|---|---|---|---|
| 1 | Automate substation reclosers | Prelim | 0 | 0 % | $210,000 | $210,000 |
| | | | | **2017 Total:** | **$210,000** | **$210,000** |
| | | | | Total Project: | **$210,000** | **$210,000** |

# Specific Project Proposal - Project #: CS00209

[redacted] - S/S Recloser Automation

## Project Option Summary

| ID | Description | Segments | Preliminary Estimate | Construction Estimate | Variance | IEEE $/CMS | All (w/Storm) | Prfrd |
|---|---|---|---|---|---|---|---|---|
| O1 | Automate substation reclosers | 1 | $210,000 | $0 | 100 % | $0.00 | $0.00 | ☑ |

## Segments

| ID | Title | Preliminary Estimate | Construction Estimate | Variance | IEEE $/CMS | All (w/Storm) |
|---|---|---|---|---|---|---|
| 1 | Automate substation reclosers | $210,000 | | | $0.00 | $0.00 |

# Specific Project Proposal - Project #: CS00209

[redacted] - S/S Recloser Automation

## Background / Scope

**Issue:**

Eversource CT has an initiative to automate (enable remote operation) of substation reclosers.

**Project Description:**

**April 2016 -** This project is being submitted for ENG approval. [redacted]

The estimated cost is $70k per recloser or $210k total. The ISD is 12/31/17.

**Other Considerations:**

The substation is not Islanded.

**Revision / ACT Comments:**

**If we don't do this project, what will happen?**

## Environmental

**Water Pollution:** No Change **Soil Contamination:** No Change **Natural Habitats:** No Change

**Alternatives considered based on Environmental Impact or Description of Aspects** **Oil Spill Risks Considered?** ☐

**Safety Concerns With This Project?** ☐

**Explain:**

## External Stakeholders

**Customer Impact / Involvement**

**Cust. Impacted:**
**Crit. Cust. Impacted:**
**Adjoining Property Owner Consent Required:** ☐
**Other Utility Pole Custodian Area:** ☐
**State Highway Permit Required:** ☐

**Approx. Pole Count (NU):**
**Approx. Pole Count (Other):**
**Town Hearing Required:** ☐
**Easement Required:** ☐

**Relocation / New Service**

**New Srvc. Contact:**
**Customer Type:**
**Request Number:**

**Requestor Type:**
**State Highway Project #:**
**Route #:**

# Specific Project Proposal - Project #: CS00209

[redacted] - S/S Recloser Automation

Segment CS00209-01

## General Information

Segment: 1 - Automate substation reclosers
Status: Prelim Design Approved
Segment Type: RECLOSERS
Town: DEEP RIVER
Budget Year: 2017
Work Type: Other
Trimming Required: ☐
In Service Date: 12/31/2017
Description: Automate substation reclosers

## Itemized Work List

| ID | Major Grid | Minor Grid | Description of Work to be Performed |
|---|---|---|---|
| 1 | [redacted] | [redacted] | [redacted] |

# Specific Project Proposal - Project #: CS00209

[redacted] - S/S Recloser Automation

Segment CS00209-01

## Estimate

Preliminary Estimate Summary

| | |
|---|---|
| Revision Number: | 0 |
| Contingency: | 0.00 % |
| SubTotal: | $210,000 |
| Contingency Amount: | $0 |
| Estimate: | $210,000 |
| Reimbursement: | $0 |
| Net Amount: | **$210,000** |
| Description: | Automate substation reclosers |

| Item Description | CU | $ / Per | Qty | Amount |
|---|---|---|---|---|
| OTHER | 16-ALL14 | 1.00 / $ | 210,000 | $210,000.00 |
| OTHER | | | | |

## Associated / Impacted Devices

| Status | Type / SysID | Street / Cross St | Structure / Town | Circuit | Map | Cust | Notes |
|---|---|---|---|---|---|---|---|
| Existing | [redacted] | [redacted] | | | | | |
| Existing | | | | | | | |
| Existing | | | | | | | |

Segment CS00209-01

## Reliability Projection

Title:

Outage Start Date: 01/01/2007 Outage End Date: 04/14/2016 Years History: 9.29

[redacted]