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Operations Project Authorization Form

Approved at January 6, 2021 EPAC

Link to Meeting Minutes

Date Prepared: 12/30/2020	**Project Title: [redacted] Capacitor Bank Removal**
Company: Eversource CT	**Project Number: CS00377**
Organization: Asset Management	**Class(es) of Plant: D SS**
Project Initiator: [redacted]	**Project Category: Stations - Other**
Project Manager: [redacted]	**Project Type: Specific**
Project Sponsor: [redacted]	**Project Purpose: Remove Retired Capacitor Bank**
Estimated in service date: 10/28/2021	**Capital Investment part of original Oper. Plan: Yes**
Eng./Constr. Resources Budgeted? Yes	**O&M Expenses part of original Oper. Plan: N/A**
Authorization Type: Full Funding	**Facility Type (check all that apply):**
Total Request: $515K	**☐ PTF ☐ non-PTF ☒ Distribution**

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

This project is seeking approval for full funding of $515K to complete a project at the [redacted]. A review of previously completed Distribution Line projects to install pole top capacitors for area voltage regulation allowed for the retirement and removal of the station-based capacitor bank. This project began under annual Work Order (WO) DSN72005 in 2017 with Environmental Remediation completed in April 2020. The project has a direct cost expenditure to date of $239K; $195K is due to the remediation cost incurred after the removal of the capacitor bank, thus exceeding the administrative limit of $100K for annual projects under APS-01.

The proposed [redacted]; all work will occur under the same outage.

This Project Authorization Form (PAF) is being established to provide proper documentation and to secure the necessary funding for completion of the project. Charges incurred under the annual WO will be journaled over to this project.

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Project Costs Summary

Note: Dollar values are in thousands

Line item Category	Prior Authorized	Actuals to Date	2020 to Go	2021	2022	2023	2024	2025	Total
1. ROW / Easements / Land Acquisition	$				$	$	$	$	
2. Environmental Approvals / Permits	$				$	$	$	$	
3. Outreach	$				$	$	$	$	
4. Siting Approvals / Permits	$				$	$	$	$	
5. Engineering / Design	$		$5	$1	$	$	$	$	$6
6. Materials (Eversource purchased)	$		$14	$0	$	$	$	$	$14
7. Construction (incl matl's by contractors)	$			$49	$	$	$	$	$49
8. Testing / Commissioning	$			$3	$	$	$	$	$3
9. Project Mgmt Team	$		$4		$	$	$	$	$4
10. Removals	$	$239		$5	$	$	$	$	$243
11. Other	$				$	$	$	$	
12. Risks	$		$8	$30	$	$	$	$	$38
SUBTOTAL DIRECTS W/ RISKS	**$100**	**$239**	**$30**	**$88**	**$**	**$**	**$**	**$**	**$356**
13. Indirects/Overhead	$		$27	$109	$	$	$	$	$136
14. AFUDC	$		$17	$2	$	$	$	$	$19
PROJECT TOTAL – BASELINE BUDGET	**$100**	**$239**	**$75**	**$199**	**$**	**$**	**$**	**$**	**$512**
15. Contingency	$		$1	$3	$	$	$	$	$4
TOTAL CAPITAL REQUEST	**$100**	**$239**	**$76**	**$201**	**$**	**$**	**$**	**$**	**$515**
16. Reimbursables/Customer Contribution	$				$	$	$	$	
PROJECT TOTAL (LESS REIMBURSABLES)	**$100**	**$239**	**$76**	**$201**	**$**	**$**	**$**	**$**	**$515**
O&M	$				$	$	$	$	
TOTAL REQUEST	**$100**	**$239**	**$76**	**$201**	**$**	**$**	**$**	**$**	**$515**

Note: Explain unique payment provisions, if applicable: *Provide a detailed breakdown of Other costs here.*
The $38K in risk is associated with severe weather, outage delays and OT.

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Breakout Costs

Note: Dollar values are in thousands

Line item Category	Prior Authorized	Actuals to Date	2020 to Go	2021	2022	2023	2024	2025	Total
ST Labor	$		$8	$49	$	$	$	$	$57
OT Labor	$				$	$	$	$	
Outside Services Labor	$			$1	$	$	$	$	$1
Materials*	$		$14	$0	$	$	$	$	$14
Removals	$	$239		$5	$	$	$	$	$243
Other	$		$9	$35	$	$	$	$	$44
Indirects	$		$27	$109	$	$	$	$	$136
AFUDC	$		$17	$2	$	$	$	$	$19
TOTAL CAPITAL REQUEST - W/O REIMBURSABLES	**$100**	**$239**	**$76**	**$201**	**$**	**$**	**$**	**$**	**$515**

*All materials including Eversource purchased and outside service purchased. Note that outside service purchased material included in construction in project cost summary above.

Future Financial Impacts:

Provide below the estimated future costs that will result from the project: N/A
Note: Dollar values are in thousands

Future Costs	Year 20__	Year 20__	Year 20__	Year 20__+	Total Future Project Costs
Capital	$ -	$ -	$ -	$ -	$ -
O&M	-	-	-	-	-
Other	-	-	-	-	-
TOTAL	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Describe the estimated future Capital, O&M, and/or Other costs noted above: N/A

What functional area(s) will these future costs be funded in? N/A

Provide below the estimated future financial benefits that will result from the project: N/A
Note: Dollar values are in thousands

Future Benefits	Year 20__	Year 20__	Year 20__	Year 20__+	Total Future Project Benefits
Capital	$ -	$ -	$ -	$ -	$ -
O&M	-	-	-	-	-
Other	-	-	-	-	-
TOTAL	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Describe the estimated future Capital, O&M, and/or Other benefits noted above: N/A

What functional area(s) will these benefits be reflected in? N/A

Asset Retirement Obligation (ARO) and/ or Environmental Cleanup Costs (Environmental Liabilities):

Is there an ARO associated with this project? No. If yes, please provide details:

Are there other environmental cleanup costs associated with this project? Yes

If yes, please provide details: The work completed to date includes the removal of the capacitor bank foundations and surrounding soil. These materials were handled and disposed of in accordance with Eversource standard environmental procedures. Due to the identification of polychlorinated biphenyls (PCBs) at the site, the project became more complex and costs increased due to groundwater encountered in the excavation. The groundwater had to be pumped out to allow for the excavation to proceed to the depths needed to remove all PCBs >1 part per million (ppm) as required by the CT Department of Energy and Environmental Protection (CTDEEP) regulations.

A fracking tank was needed to contain the pumped groundwater and was properly disposed of off-site. The tank was decontaminated in accordance with the CTDEEP regulations before leaving the site. The excavated soil (approximately 120 cubic yards (CY)) was disposed of as Toxic Substances Control Act (TSCA) remediation waste in an approved TSCA landfill.

Technical Justification:

Project Need Statement

A Suffield area Distribution Line project Work Request # [redacted] An annual project was established to [redacted]. The annual work order (WO) DSN72005 expenditures have exceeded the administrative direct cost limit necessitating the establishment of a Project Authorization Form (PAF); WO charges will be journaled to the corresponding capital project CS00377.

The proposed [redacted].

See Attachment B for the station One-Line diagram and Attachment C for photographs.

Project Objectives

The primary objective of the project is to remove the [redacted]

Project Scope

The primary elements of the project scope are as follows:

[redacted]

A constructability review was completed on February 28, 2020. See Attachment D for the completed form.

Background / Justification

The completion of a Distribution Line project Work Request # 2662781 to install [redacted] to take advantage of the outage.

Business Process and / or Technical Improvements

The business process is consistent with the execution of a capital project to remove retired equipment in accordance with Eversource procedure TD230 and will increase system reliability.

Alternatives Considered with Cost Estimates

There are no relevant alternatives to be considered.

Project Schedule

Milestone/Phase Name	Estimated Date
Engineering/Design - Completed	7/15/2020
Switch Replacement Construction	10/15/2021
Testing	10/23/2021
In-Service Date	10/28/2021
Project Closeout	12/31/2021

See Attachment E for the P6 schedule.

Regulatory Approvals

The switch replacements are like for like, and the mobile transformer position will not take up any footprint outside of the existing substation fence.

Risks and Risk Mitigation Plans

The only risk is the potential delays due to severe weather to install the replacement switches. Risk allocation is included in the budget.

Contingency

A minimal contingency of $4K was applied to the project since most of the project is already completed.

References

- Eversource procedure TD230
- Distribution Line project Work Request # 2662781
- Distribution Line WO 5T030534

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

- Attachment A: Backup Cost Estimate
- Attachment B: One-Line Diagram
- Attachment C: Photographs
- Attachment D: Constructability Review
- Attachment E: P6 Schedule

INSTRUCTIONS:
It is the responsibility of the initiator to contact the subject matter experts in the listed area disciplines to determine if the project considerations contained in this list are applicable to their project. They should fill out the checklist and determine a transition plan for the purpose of project execution. See the PAF Guide for additional instruction.

Project Checklist - Transmission & Substation Capital Project				
Project Name: [redacted]	**Capacitor Bank Removal**		**Project Number: CS00377**	
Facility Type: ☐ BPS ☐ BES ☐ PTF ☐ non-PTF ☐ CIP ☒ Distribution				
PLANNING				
Is a NX-9 required?			No	
Is an ISO-NE PAC presentation required?			No	
ISO-NE Presentation Date (if completed):			Enter Date	
Cost in ISO-NE Presentation ($M) (if completed):			Enter Cost ($M)	
Is a PPA required?			No	
Is a TCA Application Required?			No	
TCA Submittal Date (if submitted):			Enter Date	
Cost in TCA Submittal ($M) (if submitted):			Enter Cost ($M)	
Enter ISO-NE RSP / Asset Condition ID, if assigned:			Enter ISO-NE ID	
PLANNING/PROTECTION & CONTROLS				
Are RAS/SPS/UVLs affected?			No	
OPERATIONS				
Outage Required?	☒ Primary Equipment (Power Transfer)	☐ Secondary Equipment (P&C only)	☐ Outage Not Required	
Do SCLL Conditions Exist?			No	
Has an outage schedule been approved?			No	
Are Operations & Maintenance procedures/training required?			No	
STANDARDS				
Does the project include standard equipment and designs?			Yes	
SUBSTATION ENGINEERING				
Does this impact Revenue Metering			No	
Is preliminary short circuit/ breaker duty analysis required?			No	
Are there any changes to the baseline audible noise?			No	
Is there an impact to the existing ground grid?			No	
Is a Transient Over Voltage (TOV) analysis required?			No	

Project Checklist - Transmission & Substation Capital Project	
Project Name: [redacted] Capacitor Bank Removal	**Project Number: CS00377**

P&C ENGINEERING	
OP-22 - Are PMUs and DDR required?	No
If BPS, is an NPCC Directory #4 presentation required?	No
Are ISO-NE OP-24 Appendix B updates necessary?	No
TRANSMISSION LINE ENGINEERING	
Are there any changes that affect the baseline EMF?	No
Are there any changes that affect the baseline EMI?	No
SITING	
Is a Siting filing required? *(If yes, list in regulatory approvals section)*	No
PERMITTING	
Is there any permitting required? *(If yes, list in regulatory approvals section)*	No
SITING & CONSTRUCTION SERVICES (OUTREACH)	
What is the level of outreach expected?	Low
INITIATOR	
Has a field constructability review been completed?	Yes
INVESTMENT RECOVERY	
Does the project require development of an Investment Recovery plan?	No
COST ESTIMATING	
What team/firm prepared the cost estimate?	Estimate was prepared by Eversource Engineering
Name of the person who prepared the estimate:	[redacted]
Was the estimate reviewed by Eversource Estimating?	Yes - Full Review

Cost Estimate Backup Details

Please see Attachment A for the detailed cost estimate backup.

ESTIMATE SUMMARY

Project Title [redacted] - Install Mobile Switch

Project Mgr/Lead [redacted]

Project Number:
WO & Task #:CS00377
Est. Revision #

Estimate By: [redacted]

Date of Estimate:7/30/20

ISD:02/26/2021

Estimate #

Template Revision # 01.4

ESTIMATE SUMMARY

Estimate Type: Planning

WBS	Description	TOTAL	% of Total	Priors	2020	2021	2022	2023	2024	2025
1	ROW / Easements / Land purchases									
2	Environmental Approvals / Permits									
3	Outreach									
4	Siting Approvals / Permits									
5	Engineering / Design	$5,700	1.1%		$5,000	$700				
6	Materials (Eversource purchased)	$14,200	2.8%		$13,800	$400				
7	Construction (incl matl's by	$48,900	9.5%			$48,900				
8	Testing / Commissioning	$3,000	0.6%			$3,000				
9	PMT Project Mgmt Team	$3,900	0.8%		$3,900					
10	Removals	$243,100	47.2%	$238,600		$4,500				
11	Other									
12	Risks	$37,500	7.3%		$7,500	$30,000				
	Project Directs Total w/Risks	**$356,300**	69.1%	**$238,600**	**$30,200**	**$87,500**				
13	Indirects/Overhead	$136,400	26.5%		$27,400	$109,000				
14	AFUDC	$19,100	3.7%		$17,100	$2,000				
	Project Total - Baseline Budget	**$511,800**	99.3%	**$238,600**	**$74,700**	**$198,500**				
15	Contingency	$3,600	0.7%		$1,000	$2,600				
	Project Total - Funding Approval Level	**$515,400**	100.0%	**$238,600**	**$75,700**	**$201,100**				
16	Reimbursables/Customer Contribution									
	Project Total (less reimbursables)	**$515,400**		**$238,600**	**$75,700**	**$201,100**				
	Amount of Escalation included above	$4,900				$4,900				
6	Total materials - Eversource	$14,200			$13,800	$400				
	Total materials - Contractor									
	Total materials	$14,200			$13,800	$400				

NOTE: Risk / Contingency is 8.7% of Project Total Costs (incl escal/indirects/AFUDC but excl reimb.)

Estimate Range	-25%	-	25%
	$387,000	-	**$644,000**

COMMENTS:

Project Scope:

[redacted]

[redacted]

[redacted] Total charges for this portion to date is $238,650.85 (DSN72005) which have been included in the estimate, $194,997.97 of which was enviromental remediation.

Assumptions/Clarifications:

Indirect rates based on: 11 - CT . Station work

Construction, Test and Engineering to be done in-house and reviewed.

RISKS

Severe Weather. Delays. OT	$	37,500

Attachment B - [redacted] One Line Diagram



Attachment C - Photographs

[redacted]





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Constructability Review Form

Submit a PDF copy of this signed form to TranEPAC@eversource.com along with the PAF

Project Number(s): DSN72005	**Project Title:** Install [redacted] MX Position & Remove Capacitor Bank
Date of Constructability Review: 02/28/2020	

Constructability Review Team: *list below the department and names of all who participated in the constructability review walkdown*

Lead*	Department**	Name and Title
☐	Project Management	
☐	Operations	[redacted]
☐	Construction	
☒	Engineering	
	Siting	
	Siting & Construction Services	
	Environmental	
	Rights & Survey	
	Civil Engineering	
	Designer	
	Field Engineering Design	**3/31/20**

*Check the box of the individual who coordinated/led the constructability review
**List names from any other departments who attended the constructability review, add additional rows to the table if necessary

Observations/Findings/Scope Review/Risks Identified:
list below the outcome of the constructability review.

The site visit on 2/28/20 identified the need to fill a pit left behind from the removal of the contaminated capacitor bank foundations and soil which will require 82 cubic ft. of compacted soil, and ground grid will need to be extended to comply current standards.

The new [redacted]

Both the [redacted] *are circa 1973 and should be replaced to maintain reliability.*

The Construction Services Supervisor, Engineer lead, or Project Manager must sign below.

___ [redacted] ___ _____*12/22/20*_____

Signature *Date*

Project ID	Activity Flag	Activity ID	Activity Name	Start	Finish	Actual Start	Actual Finish
CS00377.01.00 Initial Funding				18-Dec-20 A	08-Jan-21	18-Dec-20	
CS00377	PM-AM	PI1400	Assign Project Manager	18-Dec-20 A	18-Dec-20 A	18-Dec-20	18-Dec-20
CS00377		PI1500	Request Scheduler	18-Dec-20 A	08-Jan-21	18-Dec-20	
CS00377		PI1600	Assign Cost Analyst	04-Jan-21	08-Jan-21		
CS00377.01.09.3 EPAC Full Funding				31-Dec-19 A	21-Jan-21	31-Dec-19	
CS00377	Constru	DE1710	Project Contstructability Review Complete	31-Dec-19 A	31-Dec-19 A	31-Dec-19	31-Dec-19
CS00377	EST-FU	DE1600	Create Planning Grade Estimate (+/-25% Full Funding)	17-Mar-20 A	17-Mar-20 A	17-Mar-20	17-Mar-20
CS00377		PAFF2000	Submit Full Funding PAF for Internal Review	01-Mar-20 A	01-Apr-20 A	01-Mar-20	01-Apr-20
CS00377	PAF Sut	PAFF2100	Incorporate Internal Review Comments & Submit Full Funding PAF to EPAC for Review	04-Dec-20 A	16-Dec-20 A	04-Dec-20	16-Dec-20
CS00377	EPAC-F	PAFF2210	EPAC Full Funding Meeting	16-Dec-20 A	16-Dec-20 A	16-Dec-20	16-Dec-20
CS00377		PAFF2200	Incorporate EPAC Full Funding PAF Review Comments	31-Dec-20 A	31-Dec-20 A	31-Dec-20	31-Dec-20
CS00377		FF1010	EPAC Full Funding Approval		06-Jan-21		
CS00377		FF1000	Full Funding PowerPlan Approval	07-Jan-21	21-Jan-21		
CS00377.01.12 T-Minus Milestones				31-Dec-19 A	31-Dec-19 A	31-Dec-19	31-Dec-19
CS00377	ENG-SC	A1100	T-30.01 - Eng. Project Scoping Document Issued (Scope Lockdown)		31-Dec-19 A		31-Dec-19
CS00377.01.12.02 Electrical T-Milestones				03-Feb-21	15-Oct-21		
CS00377	ENG-DT	A1070	T-18.11 - 70% Electrical Design w/BOM		03-Feb-21		
CS00377	AG-IFC	AT0805E20	A-T-08.05E IFC - Electrical (AG)		18-Feb-21*		
CS00377	SOC	AT00	A-T-00 Start of Construction	15-Oct-21*			
CS00377.05.02 Electrical Engineering				21-Jan-21	18-Feb-21		
CS00377	ES-DTL	DSSE-200	Detail (70%) Electrical Design Package Design	21-Jan-21	27-Jan-21		
CS00377	ES-DTL	DSSE-205	Detail (70%) Electrical Design Package Drafting	28-Jan-21	03-Feb-21		
CS00377		DSSE-230	Electrical Engineering - BOM Complete	04-Feb-21	05-Feb-21		
CS00377	ES-100	DSSE-210	100% Electrical Design Package IFR	04-Feb-21	10-Feb-21		
CS00377	ES-IFC	DSSE-240	Electrical Engineering - Electrical Package IFC (Electrical)	11-Feb-21	18-Feb-21		
CS00377.06 Material				08-Feb-21	21-Jul-21		
CS00377	DR-RM	DSSE-520	Prepare & Issue DR for Electrical	08-Feb-21	12-Feb-21*		
CS00377	DR-AGI	A2100	Electrical (AG) Material Ordered		12-Feb-21		
CS00377		DSSE-990	Prepare & Issue PO for Electrical Material	16-Feb-21	01-Mar-21		
CS00377	M-DELIV	DSSE-550	Electrical Material Mfg and Delivery	02-Mar-21	21-Jul-21*		
CS00377.07 CONSTRUCTION				15-Oct-21	28-Oct-21		
CS00377	SOC	DSSE-CST	Construction Start Milestone	15-Oct-21			
CS00377	ISD	ISD	EQUIPMENT IN SERVICE DATE (requires FOOB constraint)		28-Oct-21*		
CS00377		DSSE-980	General Construction Work	15-Oct-21	28-Oct-21		
CS00377.10.02 Electrical As-Builts				15-Nov-21	13-Jan-22		
CS00377	ES-ASB	E1100	Eversource Engineering Verifies Electrical Mark Ups and Updates As-Built Drawing Package	15-Nov-21	06-Dec-21		
CS00377	ES-ASB	E1200	Electrical Transmittal, Approve Final As-Built Package, and EDC Files and Issue Drawings to	07-Dec-21	05-Jan-22		
CS00377	PM	E1300	PM to Document Electrical As-Built Drawings Complete	06-Jan-22	06-Jan-22		
CS00377	ES-FLS	E1400	FE Files Substation Design Drawings at Station	07-Jan-22	13-Jan-22		

TASK filter: Activity Name contains Civil.

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Project ID	Activity Flag	Activity ID	Activity Name	Start	Finish	Actual Start	Actual Finish
CS00377.01.00 Initial Funding				18-Dec-20 A	08-Jan-21	18-Dec-20	
CS00377	PM-AM	PI1400	Assign Project Manager	18-Dec-20 A	18-Dec-20 A	18-Dec-20	18-Dec-20
CS00377		PI1500	Request Scheduler	18-Dec-20 A	08-Jan-21	18-Dec-20	
CS00377		PI1600	Assign Cost Analyst	04-Jan-21	08-Jan-21		
CS00377.01.09.3 EPAC Full Funding				31-Dec-19 A	21-Jan-21	31-Dec-19	
CS00377	Constru	DE1710	Project Contstructability Review Complete	31-Dec-19 A	31-Dec-19 A	31-Dec-19	31-Dec-19
CS00377	EST-FU	DE1600	Create Planning Grade Estimate (+/-25% Full Funding)	17-Mar-20 A	17-Mar-20 A	17-Mar-20	17-Mar-20
CS00377		PAFF2000	Submit Full Funding PAF for Internal Review	01-Mar-20 A	01-Apr-20 A	01-Mar-20	01-Apr-20
CS00377	PAF Sul	PAFF2100	Incorporate Internal Review Comments & Submit Full Funding PAF to EPAC for Review	04-Dec-20 A	16-Dec-20 A	04-Dec-20	16-Dec-20
CS00377	EPAC-F	PAFF2210	EPAC Full Funding Meeting	16-Dec-20 A	16-Dec-20 A	16-Dec-20	16-Dec-20
CS00377		PAFF2200	Incorporate EPAC Full Funding PAF Review Comments	31-Dec-20 A	31-Dec-20 A	31-Dec-20	31-Dec-20
CS00377		FF1010	EPAC Full Funding Approval		06-Jan-21		
CS00377		FF1000	Full Funding PowerPlan Approval	07-Jan-21	21-Jan-21		
CS00377.01.12 T-Minus Milestones				31-Dec-19 A	31-Dec-19 A	31-Dec-19	31-Dec-19
CS00377	ENG-SC	A1100	T-30.01 - Eng. Project Scoping Document Issued (Scope Lockdown)		31-Dec-19 A		31-Dec-19
CS00377.01.12.02 Electrical T-Milestones				03-Feb-21	15-Oct-21		
CS00377	ENG-DT	A1070	T-18.11 - 70% Electrical Design w/BOM		03-Feb-21		
CS00377	AG-IFC	AT0805E20	A-T-08.05E IFC - Electrical (AG)		18-Feb-21*		
CS00377	SOC	AT00	A-T-00 Start of Construction	15-Oct-21*			
CS00377.05.02 Electrical Engineering				21-Jan-21	18-Feb-21		
CS00377	ES-DTL	DSSE-200	Detail (70%) Electrical Design Package Design	21-Jan-21	27-Jan-21		
CS00377	ES-DTL	DSSE-205	Detail (70%) Electrical Design Package Drafting	28-Jan-21	03-Feb-21		
CS00377		DSSE-230	Electrical Engineering - BOM Complete	04-Feb-21	05-Feb-21		
CS00377	ES-100	DSSE-210	100% Electrical Design Package IFR	04-Feb-21	10-Feb-21		
CS00377	ES-IFC	DSSE-240	Electrical Engineering - Electrical Package IFC (Electrical)	11-Feb-21	18-Feb-21		
CS00377.06 Material				08-Feb-21	21-Jul-21		
CS00377	DR-RM	DSSE-520	Prepare & Issue DR for Electrical	08-Feb-21	12-Feb-21*		
CS00377	DR-AGI	A2100	Electrical (AG) Material Ordered		12-Feb-21		
CS00377		DSSE-990	Prepare & Issue PO for Electrical Material	16-Feb-21	01-Mar-21		
CS00377	M-DELIV	DSSE-550	Electrical Material Mfg and Delivery	02-Mar-21	21-Jul-21*		
CS00377.07 CONSTRUCTION				15-Oct-21	28-Oct-21		
CS00377	SOC	DSSE-CST	Construction Start Milestone	15-Oct-21			
CS00377	ISD	ISD	EQUIPMENT IN SERVICE DATE (requires FOOB constraint)		28-Oct-21*		
CS00377		DSSE-980	General Construction Work	15-Oct-21	28-Oct-21		
CS00377.10.02 Electrical As-Builts				15-Nov-21	13-Jan-22		
CS00377	ES-ASB	E1100	Eversource Engineering Verifies Electrical Mark Ups and Updates As-Built Drawing Package	15-Nov-21	06-Dec-21		
CS00377	ES-ASB	E1200	Electrical Transmittal, Approve Final As-Built Package, and EDC Files and Issue Drawings to	07-Dec-21	05-Jan-22		
CS00377	PM	E1300	PM to Document Electrical As-Built Drawings Complete	06-Jan-22	06-Jan-22		
CS00377	ES-FLS	E1400	FE Files Substation Design Drawings at Station	07-Jan-22	13-Jan-22		

TASK filter: Activity Name contains Civil.

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