Supplement Request Form

Approved at March 04, 2020 EPAC
Link to Meeting Minutes

Date Prepared: 2/18/2020	**Project Title: [redacted] 14K CBA**
Company/Companies: Eversource CT	**Project ID Number: CS00187**
Organization: Asset Management	**Plant Class/(F.P. Type): Distribution Substation**
Project Initiator: [redacted]	**Project Type: Specific**
Project Manager: [redacted]	**Capital Investment Part of Original Operating Plan? Yes**
Project Sponsor: [redacted]	**O&M Expenses Part of the Original Operating Plan? No**
Current Authorized Amount: $599K	**Estimated in service date(s): 5/31/2020**
Supplement Request: $1,832K	**Other:**
Total Request: $2,431K	

Supplement Justification

Summary

The [redacted] has a current authorized budget of $599K that was approved in PowerPlan on 9/6/2017. The project is not complete and has an estimated in service date of 5/31/2020. The remaining work to complete is the lock out relay installation detailed on drawing transmittal 12123. This supplement requests and additional $1,832K for an updated total request of $2,431K for the reasons discussed below.

Scope

[redacted]

The scope of work in the Issued For Construction (IFC) drawings was much larger than the original scope. There were wiring issues with the existing panels compared to the IFC drawings that forced extensive contractor effort to reconcile before work could proceed. There were also constructability issues that required the lock out scheme to be re-designed and delayed the project completion.

Justification for Additional Resources

A Decision Making Estimate (DME) could not be located for the previous authorization for this project. The IFC drawings included [redacted]

The reasons for the increased budget are described below.

The 14K5-2 recloser replacement added $120K to the project. This replacement is complete.

[redacted]

[redacted] added $64K to the project. [redacted]

A [redacted] This added $284K to the project. This portion of the project is complete.

[redacted] has cost approximately $168K to oversee the contract test group and support protection implementation for this project.

[redacted] were issued on 6/20/2019 under drawing transmittal number 12123 [redacted] Contractor estimates for this additional installation are $140K for testing and $82K for electrical installation. This will also result in additional six (6) weeks of charges for an LCE during the performance of this work.

Engineering - $64K

Engineering costs were higher due to increased scope of adding the six (6) 23kV circuit breaker automation, 14K5-2 recloser replacement, DSCADA installation, and replacing an oil filled recloser and issues discovered during construction as noted above.

1. **Labor - ($21K)**

   Labor costs were lower due to the use of contract resources versus in house resources.

2. **Materials - $31K**

   Material costs were higher due to the scope increase requiring more materials, including a vacuum recloser and control, extra wiring to connect the 23kV circuit breakers, an additional relay for communications, as well as wire and miscellaneous hardware.

3. **Outside Services - $858K**

   Outside services were higher due to increased scope and using contract labor for installation and testing related work, which was originally budgeted for in house resources.

4. **Indirects - $675K**

   Indirect costs were higher due to increased scope, project delays and a change in the rate during 2018.

5. **AFUDC - $225K**

   AFUDC costs were higher due to the increased project scope, project delays and higher direct spending. The estimated in service date was extended from 12/31/2017 to 5/31/2020.

Supplemental Cost Breakdown

The table below provides an overview of the line item categories from the current authorization and the updated project estimate.

Note: Dollar values are in thousands:

Line item Category	Current Authorization ($)	Updated Estimate ($)	Variance ($)
Engineering	15	79	64
Labor	43	22	(21)
Materials	60	91	31
Outside Services	340	1,198	858
Subtotal Direct Costs	458	1,390	932
Indirects	136	811	675
AFUDC	5	230	225
TOTALS	**599**	**2,431**	**1,832**

See attached previous authorization documentation.

Supplement Cost Summary

Note: Dollar values are in thousands:

	Prior Authorized	Supplement Request	Total
Capital Additions - Direct	$449	$695	$1,144
Less Customer Contribution	$0	$0	$0
Removals Net of Salvage 17.7%	$9	$237	$246
Total Direct Spending	$458	$932	$1,390
Capital Additions - Indirect	$136	$675	$811
AFUDC	$5	$225	$230
Total Capital Request	$599	$1,832	$2,431
O&M	$0	$0	$0
Total Request	$599	$1,832	$2,431

Note: Dollar values are in thousands:

Total Supplement Request by year view:

	2016	2017	2018	2019	2020+	Total
Capital Additions Direct	$38	-$246	$553	$123	$227	$695
Less Customer Contribution	$0	$0	$0	$0	$0	$0
Removals Net of Salvage 17.7%	$8	$34	$119	$27	$49	$237
Total Direct Spending	$46	-$212	$672	$150	$276	$932
Capital Additions - Indirect	$16	-$66	$523	$76	$126	$675
AFUDC	$0	$4	$57	$99	$65	$225
Subtotal Request	$62	-$274	$1,252	$325	$467	$1,832
O&M	$0	$0	$0	$0	$0	$0
Total Request	$62	-$274	$1,252	$325	$467	$1,832

Superseded Project Authorizations and Estimates

EVERSOURCE

Project Authorization Supplement Justification

Appendix 4
Supplement Request Form

Date Prepared:	08/03/2017	Project Title: [redacted] Circuit Breaker Automation	
Company:	EE-CT	Project ID Number:	CS00187
Organization:	Strategy&Perform	Plant Class/(F.P. Type:	CBA
Project Initiator:	[redacted]	Project Type: Specific / Annual / Prelim Project / Parent	Specific
Project Owner/Manager:	[redacted]	Capital Investment Part of Original Operating Plan?	Yes
Project Sponsor:	[redacted]	O&M Expenses Part of the Original Operating Plan?	No
Current Authorized Amount:	$487	Estimated In Service Date	12/31/2017
Supplement Request:	$112	Other:	
Total Request:	$599		

Project Authorization Supplement Costs Summary

Note: Dollar values are in thousands

	Prior Authorized	Supplement Request	Total
Capital Additions - Direct	$359	$90	$448
Less Customer Contribution	0	0	0
Removals Net of Salvage ___%	7	2	9
Total Direct Spending	$366	$92	$458
Capital Additions - Indirect	117	20	136
AFUDC	4	1	5
Total Capital Request	$487	$112	$599
O&M	0	0	0
Total Request	$487	$112	$599

Note: Dollar values are in thousands

Total Supplement Request by year view:

	2017	2018	2019+	Total
Capital Additions Direct	$448	$0	$0	$448
Less Customer Contribution	0	0	0	0
Removals Net of Salvage ___%	9	0	0	9
Total Direct Spending	$458	$0	$0	$458
Capital Additions - Indirect	136	0	0	136
AFUDC	5	0	0	5
Subtotal Request	$599	$0	$0	$599
O&M	0	0	0	0
Total Request	$599	$0	$0	$599

Funding Project Cash Flow CS00187 *ISD:* 12/31/17

		Units	Avg-Est	Avg-Act	Total Est	Total Act	Var
Operating Company	CL&P						
Budget Year	2017	4	75	150	300	599	299
Budget Status on Jan 1	ENG						
Latest Approved Status or ISD	SRF Pend						
SS Description	[redacted] - 2017						
PURA Initiative	SRSSCBA						
Project Mgr	[redacted]						
Project Engineering Mgr	[redacted]						
Accounting Work Order #	CS001871	20143526					

($000's)

RESOURCES DIRECT	Prior Yrs Actual	JAN Actual	FEB Actual	MAR Actual	APR Actual	MAY Actual	JUN Actual	JUL Fcst	AUG Fcst	SEP Fcst	OCT Fcst	NOV Fcst	DEC Fcst	TOTAL 2017	TOTAL Project
LT - CT_L01:Labor EESCO	5.0	0.6	0.1	0.1	0.3	0.3	0.4	0.0	0.0	0.0	3.0	3.0	2.0	9.8	14.8
LT - CT_LO1:Labor EECT - Civil, Elect, Test	0.0	0.0	0.0	0.0	0.0	4.8	2.4	0.0	0.0	0.0	2.3	16.5	16.5	42.6	42.6
L01-LT - Total Labor	5.0	0.6	0.1	0.1	0.3	5.0	2.8	0.0	0.0	0.0	5.3	19.5	18.5	52.4	57.4
AE - CT_EE0:Employee Expenses	0.1	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6
AM - CT_M12:Materials-Stores M11 Purchases	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	58.4	0.0	0.0	60.0	60.0
AO - CT_OS1:OS Svc-Contr Env	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AQ - CT_OS0:OS Svc-Contr	41.4	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	290.5	0.0	0.0	297.1	338.6
AV - CT_V00:Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P1 - CT_A01:Other Misc Acct, Contingency	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KR - CT_C01:Contributions, Fees & Payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BR - CT_J00:Rents + Leases	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
Subtotal Direct - Excluding Labor	41.5	3.3	3.3	0.0	0.0	2.9	0.3	0.0	0.0	0.0	348.9	0.0	0.0	358.7	400.2
Total Direct - Including Labor	46.5	3.9	3.5	0.1	0.3	7.9	3.1	0.0	0.0	0.0	354.2	19.5	18.5	411.1	457.6
INDIRECT															
CT_ZNP:Non-Productive EESCO	0.9	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.6	0.6	0.4	2.0	2.8
CT_ZNP:Non-Productive EECT	0.0	0.0	0.0	0.0	0.0	0.9	0.5	0.0	0.0	0.0	0.5	3.4	3.4	8.6	8.6
CT_Z91:Alloc-Mat loaders (Excludes >25K)	0.0	0.0	0.0	0.0	0.0	0.1	(0.1)	0.0	0.0	0.0	9.4	0.0	0.0	9.4	9.4
CT_Z93:Alloc-PR load Payroll Benefits	0.0	0.0	0.0	0.0	0.0	2.3	1.2	0.0	0.0	0.0	3.1	11.6	11.0	29.2	29.2
CT_Z94:Alloc-GSCOH EESCO	3.6	0.5	0.1	0.1	0.2	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.4	5.1
CT_Z96:Alloc- E+S	10.8	0.9	0.4	0.0	0.1	0.9	0.5	0.0	0.0	0.0	32.4	3.8	3.6	42.6	53.4
CT_Z92:Alloc-Misc Costs Cap		0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	9.4	1.1	1.0	11.7	11.7
CT_Z90:Alloc- AS+E	0.9	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	4.3	0.5	0.4	5.5	6.3
CT_Z98:Alloc - Veh Clear	0.0	0.0	0.0	0.0	0.0	0.7	0.4	0.0	0.0	0.0	1.1	3.9	3.7	9.8	9.8
	16.2	1.6	0.6	0.2	0.4	5.4	3.0	0.0	0.0	0.0	60.7	24.9	23.6	120.3	136.4
Subtotal X-AFUDC	62.7	5.5	4.0	0.3	0.7	13.3	6.0	0.0	0.0	0.0	414.9	44.4	42.2	531.3	594.0
CT_Z95:Alloc-AFUDC	0.4	0.2	0.3	0.3	0.3	0.3	0.4	0.1	0.1	0.1	0.4	0.8	0.8	4.3	4.7
Total Project Prior To Date-->Month	63.1	5.7	4.3	0.6	1.0	13.7	6.4	0.1	0.1	0.1	415.3	45.2	43.0	535.7	598.7
Total Project - Cumulative To Date	63.1	68.8	73.1	73.7	74.7	88.4	94.8	94.9	95.1	95.2	510.5	555.7	598.7	598.7	

Project Authorization Form

Date Prepared:		Project Title: Windsor Locks Cuircuit Breaker Automation	
Company:	EE-CT	Project ID Number:	CS00187
Organization:	Strategy&Perform	Class(es) of Plant:	Distribution
Project Initiator:	[redacted]/DV	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?	ENG	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 There is an initiative to [redacted]. January 2016 - This is for ENG approval. The scope is to [redacted] The estimated cost is $75k for each or $300k total. The ISD is 12/31/17.

Project Costs Summary

Note: Dollar values are in thousands

	Prior Authorized*	2017	2018	2019+	Total
Capital Additions Direct	294	359	0	0	$359
Less Customer Contribution	0	0	0	0	$0
Removals Net of Salvage	0	7	0	0	$7
Total - Direct Spending	$294	$366	$0	$0	$366
Capital Additions - Indirect	6	117	0	0	$117
Subtotal Request	$300	$483	$0	$0	$483
AFUDC	0	4	0	0	$4
Total Request	$300	$487	$0	$0	$487

Financial Evaluation

Direct Capital Costs	2017	2018	2019+	Total
Straight Time Labor	57	0	0	$57
Overtime Labor	0	0	0	$0
Outside Services	210	0	0	$210
Materials	60	0	0	$60
Other, including contingency amounts	39	0	0	$39
Total	$366	$0	$0	$366

Indirect Capital Costs	2017	2018	2019+	Total
Indirects/Overheads (including benefits)	117	0	0	$117
Capitalized interest or AFUDC, if any	4	0	0	$4
Total	$121	$0	$0	$121

Total Capital Costs	$487	$0	$0	$487
Less Total Customer Contribution	0	0	0	$0
Total Capital Project Costs	$487	$0	$0	$487
Total O&M Project Costs	$0	$0	$0	$0

Funding Project Cash Flow CS00187 *ISD:* 12/31/17

		Units	Avg-Est	Avg-Act	Total Est	Total Act	Var
Operating Company	CL&P						
Budget Year	2017	4	75	122	300	487	187
Budget Status on Jan 1	ENG						
Latest Approved Status or ISD	PAF Pend						
SS Description	[redacted] - 2017						
PURA Initiative	SRSSCBA						
Project Mgr	[redacted]						
Project Engineering Mgr	[redacted]						
Accounting Work Order #	CS001871	20143526					

($000's)

RESOURCES / **DIRECT**	Prior Yrs Actual	JAN Actual	FEB Actual	MAR Actual	APR Actual	MAY Actual	JUN Fcst	JUL Fcst	AUG Fcst	SEP Fcst	OCT Fcst	NOV Fcst	DEC Fcst	TOTAL 2017	TOTAL Project
LT - CT_L01:Labor EESCO	5.0	0.6	0.1	0.1	0.3	0.3	0.0	0.0	0.0	0.0	3.0	3.0	2.0	9.4	14.4
LT - CT_LO1:Labor EECT - Civil, Elect, Test	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	4.5	16.5	16.5	42.4	42.4
L01-LT - Total Labor	5.0	0.6	0.1	0.1	0.3	5.0	0.0	0.0	0.0	0.0	7.5	19.5	18.5	51.8	56.8
AE - CT_EE0:Employee Expenses	0.1	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
AM - CT_M12:Materials-Stores M11 Purchases	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	58.5	0.0	0.0	60.0	60.0
AO - CT_OS1:OS Svc-Contr Env	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AQ - CT_OS0:OS Svc-Contr	41.4	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	161.6	0.0	0.0	168.2	209.6
AV - CT_V00:Vehicles	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P1 - CT_A01:Other Misc Acct, Contingency	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	38.0	38.0
KR - CT_C01:Contributions, Fees & Payments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BR - CT_J00:Rents + Leases	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
Subtotal Direct - Excluding Labor	41.5	3.3	3.3	0.0	0.0	2.9	0.0	0.0	0.0	0.0	220.0	0.0	38.0	267.5	309.0
Total Direct - Including Labor	46.5	3.9	3.5	0.1	0.3	7.9	0.0	0.0	0.0	0.0	227.5	19.5	56.5	319.4	365.8
INDIRECT															
CT_ZNP:Non-Productive EESCO	0.9	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.4	1.9	2.8
CT_ZNP:Non-Productive EECT	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.9	3.4	3.4	8.6	8.6
CT_Z91:Alloc-Mat loaders (Excludes >25K)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	9.4	0.0	0.0	9.5	9.5
CT_Z93:Alloc-PR load Payroll Benefits	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	4.5	11.6	11.0	29.4	29.4
CT_Z94:Alloc-GSCOH EESCO	3.6	0.5	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	4.8
CT_Z96:Alloc- E+S	10.8	0.9	0.4	0.0	0.1	0.9	0.0	0.0	0.0	0.0	18.9	3.8	3.6	28.6	39.4
CT_Z92:Alloc-Misc Costs Cap		0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	5.5	1.1	1.0	7.8	7.8
CT_Z90:Alloc- AS+E	0.9	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	2.8	0.5	0.4	4.0	4.8
CT_Z98:Alloc - Veh Clear	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	1.5	3.9	3.7	9.8	9.9
	16.2	1.6	0.6	0.2	0.4	5.4	0.0	0.0	0.0	0.0	44.1	24.9	23.6	100.7	116.9
Subtotal X-AFUDC	62.7	5.5	4.0	0.3	0.7	13.3	0.0	0.0	0.0	0.0	271.6	44.4	80.2	420.1	482.8
CT_Z95:Alloc-AFUDC	0.4	0.2	0.3	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.3	0.6	0.7	3.5	3.9
Total Project Prior To Date-->Month	63.1	5.7	4.3	0.6	1.0	13.7	0.1	0.1	0.1	0.1	272.0	45.0	80.8	423.6	486.7
Total Project - Cumulative To Date	63.1	68.8	73.1	73.7	74.7	88.4	88.5	88.6	88.7	88.9	360.8	405.8	486.7	486.7	

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CS00187

[redacted] - Circuit Breaker Auto

Work Classification

Category: Substation
Type: SRCA
Type Desc: SS CIRCUIT BREAKER AUTOMATION
Work Type: Other Work

Ownership / Management

AWC: Tolland
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 4 - 27.6 kV breakers

2017

ID	Title	Status	Rev #	Contingency	Expenditure Amount	Net Estimate
1	Automate [redacted]	Prelim	0	0 %	$300,000	$300,000
				2017 Total:	**$300,000**	**$300,000**
				Total Project:	**$300,000**	**$300,000**

Specific Project Proposal - Project #: CS00187

[redacted] - Circuit Breaker Auto

Project Option Summary

ID	Description	Segments	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)	Prfrd
O1	Automate [redacted]	1	$300,000	$0	100 %	$0.00	$0.00	☑

Segments

ID	Title	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)
1	Automate [redacted]	$300,000			$0.00	$0.00

Specific Project Proposal - Project #: CS00187

[redacted] - Circuit Breaker Auto

Background / Scope

Issue:

There is an initiative to automate [redacted]

Project Description:

January 2016 - This is for ENG approval. The scope is to [redacted]. The estimated cost is $75k for each or $300k total. The ISD is 12/31/17.

Other Considerations:

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 #: CS00187

[redacted] - Circuit Breaker Auto

Segment CS00187-01

General Information

Segment: 1 - Automate 4 - 27.6 kV breakers
Status: Prelim Design Approved
Segment Type: DSCADA
Town: WINDSOR LOCKS
Budget Year: 2017
Work Type: Other
Trimming Required: ☐
In Service Date: 12/31/2017
Description: Automate 4 - 27.6 kV breakers

Itemized Work List

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

Specific Project Proposal - Project #: CS00187

[redacted] - Circuit Breaker Auto

Segment CS00187-01

Estimate

Preliminary Estimate Summary

Revision Number:	0
Contingency:	0.00 %
SubTotal:	$300,000
Contingency Amount:	$0
Estimate:	$300,000
Reimbursement:	$0
Net Amount:	**$300,000**
Description:	Automate 4 - 27.6 kV breakers

Item Description	CU	$ / Per	Qty	Amount
OTHER	15-ALL14	[redacted]	[redacted]	$300,000.00
OTHER				

Associated / Impacted Devices

Status	Type / SysID	Street / Cross St	Structure / Town	Circuit	Map	Cust	Notes
Existing	[redacted]					0	
Existing						0	
Existing						6	

Specific Project Proposal - Project #: CS00187

[redacted] - Circuit Breaker Auto

Segment CS00187-01

Reliability Projection

Title:

Outage Start Date: 01/01/2007 Outage End Date: 12/22/2015 Years History: 8.98

[redacted]