Supplement Request Form

Date Prepared: 12/17/2017	Project Title: 2017 Infrastructure Life Cycle Program - PCs
Company/Companies: 06:PSNH-Distribution 11:CL+P-Distribution 21:NSTAR Electric-Distribution 41:WMECO-Distribution 61:Eversource Service 71:Yankee Gas Services Co 1T:CL+P-Transmission 6T:PSNH-Transmission 4T:WMECO-Transmission	Project ID Number: 35399 (The approval does not carry to sub IDs listed below) IT17425:Infrastructure Lifecycle - PSNH IT17426:Infrastructure Lifecycle - CL&P IT17427:Infrastructure Lifecycle – NSTAR IT17428:Infrastructure Lifecycle – WMECO IT17429:Infrastructure Lifecycle – NUSCO IT17430:Infrastructure Lifecycle – YG
Organization: Eversource IT	Plant Class/(F.P.Type): Hardware
Project Initiator: [redacted]	Project Type: *Annual*
Project Manager: [redacted]	Capital Investment Part of Original Operating Plan? Y
Project Sponsor: : [redacted]	O&M Expenses Part of the Original Operating Plan? Y
Current Authorized Amount: $4,188,806	Estimated in service date(s): 2017
Supplement Request: $3,062,584	Other:N/A
Total Request: $7,251,660	

Supplement Justification

Supplement Request Forms must be completed for projects in accordance with the Project Authorization Policy and approval levels in the Delegation of Authority Policy (DOA) as follows:

For Corporate Shared Services Projects:
For projects $500K to $10M - An increase in total authorized cost > 15% or;
For projects > $10M - An increase in total authorized cost > $1.5M

For Distribution Operations Projects:
For projects <= $250K - An increase in direct costs >= $25K or;
For projects >$250K - An increase in direct costs >10%

For Transmission Operations Projects:
For projects <= $500K – An increase in total authorized cost >= $75K
For projects $500K to $16.5M- An increase in total authorized cost > 15% or;
For projects > $16.5M - An increase in total authorized cost > $2.5M

Justification for Additional Resources

In this section, please provide a detailed and comprehensive justification for the additional resources. Please include, scope changes, dollar changes, the reasons for the changes, etc.

In addition, please attach a copy of the prior authorized PAF as reference

Windows 10 PC Replacement:

Mainstream support for Windows 7 Operating System (OS) concluded on Jan 13, 2015. Extended support for Windows 7 OS ends in January 14, 2020. Starting in 2018, PC manufacturers will not develop Windows 7 drivers for new PC's.

Sixty percent of Eversource's 10,000 PC's, are approaching End-of Life. They cannot be upgraded to the newer Windows 10 Operating System, due to hardware and driver software incompatibilities. The older Eversource PCs must be replaced with newer PCs running the Windows 10 OS to avoid issues ranging from security vulnerabilities, availability problems, and complex and time-consuming support issues.

A Windows 10 Image Build component that delivers an Eversource Windows 10 image and a deployment process is needed so that PC Life Cycle can be deployed using the newer Windows 10 OS. Newer technologies like touch screen capabilities, new authentication methods and security and network improvements are included.

The new PCs contain the Microsoft Bitlocker and Microsoft Defender which are available through the Microsoft enterprise software license and are available at no additional cost. These products replace the more expensive products of MacAfee end point encryption and MacAfee Antivirus software products.

Approximately 2000 PCs were purchased as part of the 2017 Infrastructure Life Cycle Program. This supplemental request is for an additional 2000 PCs, for a total of approximately 4000 purchases in 2017 The 4000 purchases will be deployed towards the replacement of the 7500 PCs that are end of life in the 2017-2018 timeframe.

Bluecat Address Manager Replacement:

The Eversource IT network contains a Bluecat Address Manager appliance to manage IP address. This device has a specific term of operational service. The Bluecat Address manager will exceed its end-of-life functionality at the end of 2017 and it needs to be replaced to avoid any security or network outage risks associated with the Bluecat Address Manager being is out of support.

Project Cost reallocation:

The funding of End Of Life (EOL) replacement PCs was increased. The allocation included an order for an additional 2080 PCs for a cost of $2,126K, additional costs associated with the development of of the Windows 10 Image and the deployment of the windows 10 PCs in December are 491K.

A purchase of a Bluecoat IP address Manager appliance is included in this request at a cost of 446K.

The reallocation of funding breakdown is:

Order of an additional 2080 PC Desktop, Laptop, Yoga	= 2,126K
Additional W10 Image Build and PC Deployment Costs	= 491K
Bluecoat Address Manager Appliance	= 446K
Total	= 3,063K

Supplement Cost Summary

Note: Dollar values are in thousands:

	Prior Authorized	Supplement Request	Total
Capital Additions - Direct	$ 4,026,862	$ 3,045,606	$ 7,072,468
Less Customer Contribution	-	-	-
Removals net of Salvage ____%	$ 40,000	$ -	$ 40,000
Total Direct Spending	$ 4,066,862	$ 3,045,606	$ 7,112,468
Capital Additions - Indirect	$ 121,944	$ 17,248	$ 139,192
AFUDC	-	-	-
Total Capital Request	$ 4,188,806	$ 3,062,854	$ 7,251,660
O&M	-	-	-
Total Request	**$ 4,188,806**	**$ 3,062,854**	**$ 7,251,660**

Note: Dollar values are in thousands:

Total Supplement Request by year view:

	Year 20__	Year 20__	Year 20__+	Total
Capital Additions - Direct	$ 7,072,468	$ -	$ -	$ 7,072,468
Less Customer Contribution	-	-	-	-
Removals net of Salvage ____%	$ 40,000	-	-	40,000.00
Total Direct Spending	$ 7,112,468	$ -	$ -	$ 7,112,468
Capital Additions - Indirect	$ 139,192	-	-	139,192.00
AFUDC		-	-	-
Total Capital Request	$ 7,251,660	$ -	$ -	$ 7,251,660
O&M	-	-	-	-
Total Request	**$ 7,251,660**	**$ -**	**$ -**	**$ 7,251,660**

Subsidiary Board Approval Package Template



Sub Board Approval Template.pptx

Note: to save, complete and print the template, please right click on the above icon and select Presentation Object and Edit