

Unitil Energy Systems, Inc.
DE 23-065
New Hampshire Department of Energy
Unitil Energy Systems, Inc. (Unitil)
Petition for Waiver of Puc 307.05 and Authority to
Change Short-term Debt Limit Formula
Data Request Set 2

Date Request Received: 09/12/23
Request No. DOE 2-03

Date of Supplemental Response: 09/29/23
Witness: Andre Francoeur & Chris Goulding

Request DOE 2-03:

Reference DOE 1-3 and Schedule AFCG-4, line 4: Please provide current lists of capital projects for 2023, 2024, and 2025.

- a. For each project, please identify whether it cannot be delayed or postponed for each project year, and please explain why in detail.
- b. For each project, please identify whether it could be delayed or postponed for each project year, and please explain why in detail.
- c. Please describe and explain the key drivers that are contributing to the increase in capital investments for 2024 (\$45.6 million) and 2025 (\$45.7 million).

Response (9/25/23):

Please see Attachment 1 for a list of capital projects for 2023, 2024, and 2025.

Unitil's capital budget is constructed using a "bottom up" process each year with input from dozens of employees from engineering, operations, information technology and facilities. Technical and managerial personnel with responsibility for planning, designing, operating and maintaining the electric delivery system are responsible for identifying needs and developing cost-effective solutions. A multistep process is used to budget hundreds of individual projects, and to then prioritize needs and determine which projects are essential to meet our objective of safe and reliable service for our customers. Projects are also proposed that may not be essential, but which represent an improvement or enhancement to existing systems or capabilities, including projects to improve reliability, replace old or obsolete equipment, and projects with a defined economic payback. Projects are prioritized into three categories:

Priority 1: Essential for the Company to meet its service obligation to customers, including the provision of safe and reliable service. Included are projects to address critical constraints such as load and voltage where they jeopardize the Company's ability to distribute electricity, activities to restore service following emergencies, and construction required to serve new customer load. All projects in this category are considered non-discretionary.

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Priority 2: Includes projects that are essential for the Company to perform business activities in the required manner including regulatory or legal requirements, intercompany operating agreements, and supporting facilities, equipment, and vehicles. These projects and activities are also considered to be non-discretionary, though there may be discretion as to timing.

Priority 3: Includes projects and activities that are considered an improvement or enhancement to existing systems or capabilities. These projects are considered to varying degrees to be discretionary.

In general, Priority 1 and 2 projects must be completed to ensure the safe and reliable operation of the electric system. Priority 3 projects are discretionary with respect to time. The relative risks for deferring projects are compared and the projects posing the greatest level of risk to the company are submitted for budget approval. Projects that pose low risk for deferral are deferred to subsequent years. The Company uses this evaluation method each year during the capital budget process. The projects shown on Attachment 1 are a result of this process. These projects are either necessary or required to provide safe and reliable service, or will improve existing systems to the betterment of our customers.

The Company's capital investment is higher than in past years due to inflation and supply chain constraints which led to some planned projects being delayed. The capital budget also includes some large projects, including the Kingston Solar Project.

Supplemental Response (9/29/23):

The Company has added a column showing priority levels to Supplemental Attachment 1. As explained in the Company's initial response, Priority 1 and Priority 2 projects cannot be deferred or cancelled from the budget. Priority 3 projects are discretionary with respect to time. The total of Priority 3 projects is \$21.6M or 16% of the total budget from 2023 to 2025. This includes \$11.9M for the Kingston Solar Project, which the Company does not intend to defer given that it has already executed a contract with the developer. Excluding the Kingston Solar Project there is approximately \$9.7M of Priority 3 projects or 7.5% of the total budget for 2023 through 2025. The remainder consists of a variety of projects, most notably building improvements and reliability related projects which may be able to be deferred temporarily, but cannot be eliminated from the capital budget.

Unitil Energy Systems, Inc.
Docket No. DE 23-065
SUPPLEMENTAL DOE 2-3 Attachment 1
1 of 9

<u>Location</u>	<u>Priority</u>	<u>Blankets:Electric</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Capital	1	T&D Improvements	\$ 1,408,157	\$ 1,519,568	\$ 1,457,072
Capital	1	T&D Improvements, Carryover	28,775	30,685	29,824
Capital	1	New Customer Additions	512,091	555,731	537,636
Capital	1	New Customer Additions, Carryover	40,159	42,872	41,063
Capital	1	Outdoor Lighting	111,643	120,332	116,504
Capital	1	Outdoor Lighting, Carryover	5,389	4,917	4,775
Capital	1	Emergency & Storm Restoration	735,818	782,440	745,958
Capital	1	Emergency & Storm Restoration, Carryover	12,302	13,064	12,460
Capital	1	Billable work	243,481	262,728	255,253
Capital	1	Billable work, Carryover	9,007	9,576	9,106
Capital	1	Transformers Company/Conversions	925,896	2,323,133	224,359
Capital	1	Transformers Company/Conversions, Carryover	628,134	365,991	33,813
Capital	1	Transformer Customer Requirements	2,334,286	1,965,281	2,623,174
Capital	1	Transformer Customer Requirements, Carryover	384,118	252,694	333,126
Capital	1	Meters Company Requirements	386,225	89,638	86,110
Capital	1	Meters Company Requirements, Carryover	171,499	0	0
Capital	1	Meters Customer Requirements	718,988	157,869	150,415
Capital	1	Meters Customer Requirements, Carryover	340,210	0	0
Capital		Sub-Totals:	8,996,178	8,496,520	6,660,649
Capital		<u>Communications:Electric</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Capital	2	2-Way Radio Replacements - Existing System	1,000	0	0
Capital	2	Replace 2-way Radio System	22,421	0	0
Capital	2	Two Way Radio Replacements	0	5,000	0
Capital	2	Two Way Radio Replacements	0	0	5,000
Capital	2	Two Way Radio Replacements	0	0	0
Capital	2	Two Way Radio Replacements	0	0	0
Capital		Telecommunications Replacements for Electric SCADA - UES-			
Capital	3	Capital	-	-	-
Capital		Telecommunications Replacements for Electric SCADA - UES-			
Capital	3	Capital	-	137,880	-
Capital		Sub-Totals:	23,421	142,880	5,000
Capital		<u>Distribution:Electric</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Capital	1	Overhead Line Extensions	31,342	0	0
Capital	1	Overhead Line Extensions	0	34,159	0
Capital	1	Overhead Line Extensions	0	0	30,498
Capital	1	Overhead Line Extensions	0	0	0
Capital	1	Overhead Line Extensions	0	0	0
Capital	1	Overhead Line Extensions, Carryover	5,652	0	0
Capital	1	Overhead Line Extensions - Carryover	0	6,201	0
Capital	1	Overhead Line Extensions - Carryover	0	0	5,578
Capital	1	Overhead Line Extensions - Carryover	0	0	0
Capital	1	Overhead Line Extensions - Carryover	0	0	0
Capital	1	Underground Line Extensions	234,087	0	0
Capital	1	Underground Line Extensions	0	266,412	0
Capital	1	Underground Line Extensions	0	0	244,111
Capital	1	Underground Line Extensions	0	0	0
Capital	1	Underground Line Extensions	0	0	0
Capital	1	Underground Line Extensions, Carryover	71,062	0	0
Capital	1	Underground Line Extensions, Carryover	0	79,264	0
Capital	1	Underground Line Extensions, Carryover	0	0	71,913
Capital	1	Underground Line Extensions, Carryover	0	0	0
Capital	1	Underground Line Extensions, Carryover	0	0	0
Capital	1	Street Light Projects	4,909	0	0
Capital	1	Street Light Projects	0	5,268	0
Capital	1	Street Light Projects	0	0	5,054
Capital	1	Street Light Projects	0	0	0
Capital	1	Street Light Projects	0	0	0
Capital	1	Street Light Projects, Carryover	945	0	0
Capital	1	Street Light Projects - Carryover	0	736	0
Capital	1	Street Light Projects - Carryover	0	0	703
Capital	1	Street Light Projects - Carryover	0	0	0
Capital	1	Street Light Projects - Carryover	0	0	0
Capital	2	Telephone Company Requests	226,600	0	0
Capital	2	Telephone Company Requests	0	19,698	0

Unitil Energy Systems, Inc.
Docket No. DE 23-065
SUPPLEMENTAL DOE 2-3 Attachment 1
2 of 9

Capital	2	Telephone Company Requests	0	0	18,890
Capital	2	Telephone Company Requests	0	0	0
Capital	2	Telephone Company Requests	0	0	0
Capital	2	Telephone Company Requests, Carryover	1,746	0	0
Capital	2	Telephone Company Request - Carryover	0	1,863	0
Capital	2	Telephone Company Request - Carryover	0	0	1,808
Capital	2	Telephone Company Request - Carryover	0	0	0
Capital	2	Telephone Company Request - Carryover	0	0	0
Capital	2	Highway Projects	85,329	0	0
Capital	2	Highway Projects	0	91,234	0
Capital	2	Highway Projects	0	0	615,426
Capital	2	Highway Projects	0	0	0
Capital	2	Highway Projects	0	0	0
Capital	2	Highway Projects, Carryover	11,647	0	0
Capital	2	Highway Projects, Carryover	0	12,560	0
Capital	2	Highway Projects, Carryover	0	0	12,171
Capital	2	Highway Projects, Carryover	0	0	0
Capital	2	Highway Projects, Carryover	0	0	0
Capital	2	Distribution Pole Replacement	755,289	0	0
Capital	1	Circuit 6X3 - Dunbarton Rd/Sawmill Road Upgrades	20,582	0	0
Capital	1	West Concord / Bridge Street Rebuild and Conversion	1,394,304	0	0
Capital	1	Distribution Unspecified	0	0	0
Capital	2	Distribution Pole Replacement	0	817,728	0
Capital	3	374X1 Spacer Cable Replacement	-	44,915	-
Capital	3	Replace Direct Buried Cable - New Meadow Rd. Concord	-	345,866	-
Capital	3	Replace 33X3 tap fuses with Recloser (Grid Mod - DER)	-	110,468	-
Capital	3	Maccoy Street Tap - Modifications (Grid Mod)	-	34,850	-
Capital	1	AMI Conversion	0	833,330	0
Capital	3	Perform Cable Injection on Hampshire and Hampton Dr Concord	-	260,482	-
Capital	3	Install Animal Guards	-	85,077	-
Capital	3	Perform Cable Injection E.Ricker Rd. Chichester	-	30,124	-
Capital	1	Distribution Unspecified	0	0	0
Capital	2	Distribution Pole Replacement	0	0	796,780
Capital	1	AMI Conversion	0	0	6,960,402
Capital	1	Hazen Drive / Hollis Conversion	0	0	0
Capital	2	Distribution Pole Replacement	0	0	0
Capital	3	22W2 Spacer Cable Replacement	-	-	-
Capital	3	Replace Direct Buried Cable - Alton Woods	-	-	-
Capital	3	Replace Direct Buried Cable - Canterbury Spruce	-	-	-
Capital	3	Replace Conduit - Cambridge Estates	-	-	-
Capital	2	Bow Jct - 7W3 Carriage Rd Recloser Control Replacement	0	0	0
Capital	1	AMI Conversion	0	0	0
Capital	1	Distribution Unspecified	0	0	0
Capital	2	Distribution Pole Replacement	0	0	0
Capital	1	Hazen Dr / Hollis Conversion	0	0	0
Capital	1	AMI Conversion	0	0	0
Capital	2	38 Line River Crossing Replacement	363,493	0	0
Capital	3	38 Line Spacer Reconductoring	-	-	-
Capital	2	36 Line River Crossing Replacement	0	0	0
Capital	1	374 Line Rebuild with 15kV Underbuild	46,923	0	0
Capital	1	West Concord / Bridge Street Rebuild and Conversion	0	1,097,974	0
Capital	3	38 Line Spacer Reconductoring	-	253,827	-
Capital	2	36 Line River Crossing Replacement	0	381,113	0
Capital	1	West Concord / Bridge Street Rebuild and Conversion	0	0	3,719,384
Capital	1	West Concord / Bridge Street Rebuild and Conversion	0	0	0
Capital	1	West Concord / Bridge Street Rebuild and Conversion	0	0	0
Capital	3	Reliability Projects	385,321	-	-
Capital	3	Reliability Projects, Unspecified	-	400,000	-
Capital	3	Reliability Projects, Unspecified	-	-	500,000
Capital	3	Reliability Projects, Unspecified	-	-	-
Capital	3	Reliability Projects, Unspecified	-	-	-
Capital	3	Reconductor 13W2 Mainline with 336 Spacer	152,720	-	-
Capital		Sub-Totals:	3,791,951	5,213,149	12,982,717
Capital		<u>Tools, Shop, Garage:Electric</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Capital	2	Tools, Shop & Garage - Normal Additions and Replacements	15,000	0	0

Unitil Energy Systems, Inc.
Docket No. DE 23-065
SUPPLEMENTAL DOE 2-3 Attachment 1
3 of 9

Capital	2	Purchase and Replace Rubber Goods	6,500	0	0
Capital	2	Purchase and Replace Hot Line Tools	4,500	0	0
		Normal additions & replacement - tools & equipment			
Capital	2	Metering	7,000	0	0
		Normal Additions and Replacements - Tools and Equipment -			
Capital	2	Substation	15,000	0	0
Capital	2	Purchase M18 Force Logic 750 MCM Dieless Crimper Kit	4,600	0	0
		Normal additions & replacement - tools & equipment			
Capital	2	Metering	0	7,000	0
		Normal Additions and Replacements - Tools and Equipment -			
Capital	2	Substation	0	15,000	0
Capital	2	Purchase and Replace Rubber Goods	0	6,500	0
Capital	2	Purchase and Replace Hot Line Tools	0	4,500	0
		Tools, Shop & Garage - Normal Additions and Replacements	0	15,000	0
Capital	3	Tools - Unspecified	-	7,500	-
Capital	2	Purchase M18 Force Logic 750 MCM Dieless Crimper Kit	0	4,800	0
Capital	2	Purchase tools for new Bucket trk # 21	0	6,500	0
Capital	2	Purchase tools for new Bucket trk Addition to Fleet	0	10,000	0
Capital	3	Purchase FLIR T540	-	17,500	-
Capital	2	Purchase Sherman Reilly Stringing blocks	0	6,500	0
		Purchase new Metro Tech Pro 2 Dig Safe Locating machine.	0	4,700	0
Capital	3	Purchase FLIR T540	-	17,500	-
		Normal additions & replacement - tools & equipment			
Capital	2	Metering	0	0	7,000
		Normal Additions and Replacements - Tools and Equipment -			
Capital	2	Substation	0	0	15,000
Capital	2	Purchase and Replace Rubber Goods	0	0	7,000
Capital	2	Purchase and Replace Hot Line Tools	0	0	5,000
		Tools, Shop & Garage - Normal Additions and Replacements	0	0	15,500
Capital	3	Tools - Unspecified	-	-	7,500
Capital	2	Purchase tools for new Digger Truck # 31	0	0	6,500
Capital	2	Purchase tools for new Bucket trk # 20	0	0	7,000
		Normal additions & replacement - tools & equipment			
Capital	2	Metering	0	0	0
		Normal Additions and Replacements - Tools and Equipment -			
Capital	2	Substation	0	0	0
Capital	2	Purchase and Replace Hot Line Tools	0	0	0
Capital	3	Tools - Unspecified	-	-	-
		Tools, Shop & Garage - Normal Additions and Replacements	0	0	0
Capital	2	Purchase and Replace Rubber Goods	0	0	0
Capital	2	Purchase and Replace Rubber Goods	0	0	0
		Normal Additions and Replacements - Tools and Equipment -			
Capital	2	Substation	0	0	0
		Normal additions & replacement - tools & equipment			
Capital	2	Metering	0	0	0
Capital	2	Purchase and Replace Hot Line Tools	0	0	0
Capital	3	Tools - Unspecified	-	-	-
		Tools, Shop & Garage - Normal Additions and Replacements	0	0	0
Capital	2	Purchase and Replace Rubber Goods	0	0	0
Capital	2	Purchase M18 Force Logic 750 MCM Dieless Crimper Kit	0	0	0
		Purchase new Metro Tech Pro 2 Dig Safe Locating machine.	0	0	0
Capital	2	Purchase tools for new Bucket trk # 25	0	0	0
Capital		Sub-Totals:	52,600	123,000	70,500
Capital		<u>Laboratory:General</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Capital	2	Lab Equipment - Normal Additions and Replacements	7,000	0	0
Capital	2	Lab Equipment - Normal Additions and Replacements	0	7,000	0
Capital	2	Lab Equipment - Normal Additions and Replacements	0	0	7,000
Capital	2	Lab Equipment - Normal Additions and Replacements	0	0	0
Capital	2	Lab Equipment - Normal Additions and Replacements	0	0	0
Capital		Sub-Totals:	7,000	7,000	7,000
Capital		<u>Office:Electric</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Capital	3	Office Furniture & Equipment-Normal Additions and Replacements	4,000	-	-

Unitil Energy Systems, Inc.
Docket No. DE 23-065
SUPPLEMENTAL DOE 2-3 Attachment 1
4 of 9

Capital	3	Office Furniture & Equipment-Normal Additions and Replacements	-	4,000	-
Capital	3	Office Furniture & Equipment-Normal Additions and Replacements	-	-	4,000
Capital	3	Office Furniture & Equipment-Normal Additions and Replacements	-	-	-
Capital	3	Office Furniture & Equipment-Normal Additions and Replacements	-	-	-
Capital		Sub-Totals:	4,000	4,000	4,000
Capital		<u>Production:Electric</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Capital	3	Construct PV Facility	-	-	-
Capital	3	Construct PV Facility	-	-	-
Capital		Sub-Totals:	0	0	0
Capital		<u>Structures:General</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Capital	3	Normal Improvements to Capital Facility	20,000	-	-
Capital	3	New Loading Docks Safety Rails	50,000	-	-
Capital	3	Driveway & Storm Drains Improvements	30,000	-	-
Capital	3	Electric Vehicle Charging Stations – Capital	40,000	-	-
Capital	3	Interior Wall Improvements	-	30,000	-
Capital	3	Building Electrical System Replacements	-	150,000	-
Capital	3	HVAC/Boiler Replacements	-	970,000	-
Capital	3	New warehouse/stockyard racking	-	85,000	-
Capital	3	Normal Improvements to Capital Facility	-	20,000	-
Capital	3	Install High Volume/Low Speed Fans - Garage	-	8,000	-
Capital	3	Office Upgrades - Phase II	-	200,000	-
Capital	3	Interior Lighting Upgrade	-	45,000	-
Capital	3	Improvements to Pole Yard Roadway & Pole Yard	-	-	200,000
Capital	3	Site Lighting and Infrastructure Improvements	-	-	200,000
Capital	3	Normal Improvements to Capital Facility	-	-	20,000
Capital	3	Building Improvements	-	-	450,000
Capital	3	Normal Improvements to Capital Facility	-	-	-
Capital	3	Building Improvements	-	-	-
Capital	3	Replace Asphalt Shingle Roof - Capital	-	-	-
Capital	3	Building Intrusion Detection System Installation	-	-	-
Capital	3	Window Replacements & Building Envelope Improvements	-	-	-
Capital	3	Replace Front Entrance Doors - Capital	-	-	-
Capital	3	Whole Building Weatherization	-	-	-
Capital	3	Normal Improvements to Capital Facility	-	-	-
Capital	3	Building Improvements	-	-	-
Capital		Sub-Totals:	140,000	1,508,000	870,000
Capital		<u>Substation:Electric</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Capital	3	Pleasant Street - Replace SCADA RTU	-	-	-
Capital	2	Iron Works Road - Replace 22W2	0	0	0
Capital	2	Penacook 35kV Bus Tie Switch Replacements	41,829	0	0
Capital	2	Substation Yard Improvements	0	88,671	0
Capital	3	Broken Ground - Replace Video Surveillance / DVR System	-	87,838	-
Capital	2	Terrill Park - 16H1 Recloser Replacement	0	170,387	0
Capital	2	Iron Works S/S - Replace Transformer	-	365,991	-
Capital	2	Substation Yard Improvements	0	0	111,076
Capital	2	Langdon - Replace 14H1 Recloser Control	0	0	39,448
Capital	3	Penacook - Modifications (Grid Mod)	-	-	265,738
Capital	3	Iron Works Road - Modifications (Grid Mod)	-	-	159,241
Capital	2	Iron Works Road - Transformer High-Side Protection	0	0	283,321
Capital	2	Langdon - Replace 14H2 Recloser Control	0	0	39,448
Capital	1	Bow Bog 18T2 – Overvoltage Protection	0	0	0
Capital	2	5 MVA Mobile S/S - Upgrade Protective Relaying	0	0	60,863
Capital	2	Bridge Street - Replace 0374 Breaker	0	0	274,020
Capital	3	Bow Bog Substation Reconstruction	-	-	74,388
Capital	2	Substation Yard Improvements	0	0	0
Capital	2	Terril Park - 16X4 Recloser Control Replacement	0	0	0
Capital	2	Bridge St - 0375 Breaker Replacement	0	0	0
Capital	3	Bow Junction - Modifications (Grid Mod)	-	-	-
Capital	3	West Portsmouth Street - Modifications (Grid Mod)	-	-	-
Capital	2	Substation Yard Improvements	0	0	0
Capital	2	Mobile Substation #40 - Recloser and Control Replacements	0	0	0

Unitil Energy Systems, Inc.
Docket No. DE 23-065
SUPPLEMENTAL DOE 2-3 Attachment 1
5 of 9

Capital	2	Boscawen - 13X4 Recloser Control Replacement	0	0	0
Capital	3	Garvins - Replace SCADA RTU	88,526	-	-
Capital	2	Penacook - Transformer High-Side Protection	49,892	0	0
Capital	3	Penacook Lower Falls - SCADA RTU Additions	-	-	-
Capital	3	Penacook Upper Falls - SCADA RTU Additions	-	-	-
Capital	2	Rolfe Canal - SCADA RTU Additions	0	0	0
Capital	3	Wheelabrator Concord - SCADA RTU Additions	-	-	-
Capital	2	West Portsmouth Street - Replace 15W1 & 15W2 Controls	37,362	0	0
Capital	2	Penacook 35kV Bus Tie Switch Replacements	0	83,598	0
Capital	2	Penacook - Transformer High-Side Protection	0	107,073	0
Capital	3	Pleasant Street - Replace SCADA RTU	-	96,566	-
Capital	2	Iron Works Road - Replace 22W2	0	168,565	0
Capital	2	Iron Works S/S - Replace Transformer	-	-	1,665,509
Capital	3	Bow Bog Substation Reconstruction	-	-	-
Capital		Sub-Totals:	217,610	1,168,688	2,973,051
Capital		<u>Transportation:Electric</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Capital	2	C-52 Pick up- Stockroom & Plowing	1	0	0
Capital	2	C-51 Pick up- UG & Plowing	1	0	0
Capital	2	CT-11 wire reel trailer	1	0	0
Capital	2	CT-17 wire reel pulling trailer	1	0	0
Capital	2	Replace oil filtering trailer	1	0	0
Capital	2	C-06 Pickup (Hybrid) - Dig Safe	0	1	0
Capital	2	C-55 Pickup (Hybrid) - Standby	0	1	0
Capital	2	C-21 Bucket Truck (Hybrid)	0	1	0
Capital	2	C-41 Pickup (Hybrid) - Meter Mechanic	0	1	0
Capital	2	C-42 Pickup (Hybrid) - Meter Mechanic	0	1	0
Capital	2	C-?? Bucket Truck (Hybrid) - Addition to Fleet	0	1	0
Capital	2	Replace pick up #11	0	0	1
Capital	2	Replace pick up #14	0	0	1
Capital	2	Replace bucket truck #20	0	0	1
Capital	2	Replace Digger truck #31	0	0	1
Capital	2	Replace pick up #15	0	0	0
Capital	2	Replace pick up #45	0	0	0
Capital	2	Replace Bucket truck #25	0	0	0
Capital		Sub-Totals:	5	6	4
Capital		Totals:	13,232,764	16,663,244	23,572,921
Seacoast		<u>Blankets:Electric</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Seacoast	1	T&D Improvements	1,641,313	1,807,506	1,787,326
Seacoast	1	T&D Improvements, Carryover	85,000	92,992	89,137
Seacoast	1	New Customer Additions	807,227	866,951	766,944
Seacoast	1	New Customer Additions, Carryover	21,193	22,739	22,520
Seacoast	1	Outdoor Lighting	143,108	157,006	146,152
Seacoast	1	Outdoor Lighting, Carryover	8,612	9,302	9,055
Seacoast	1	Emergency & Storm Restoration	898,885	979,588	987,101
Seacoast	1	Emergency & Storm Restoration, Carryover	37,685	41,050	40,094
Seacoast	1	Billable work	465,552	502,630	502,149
Seacoast	1	Billable work, Carryover	0	0	0
Seacoast	1	Transformers Company/Conversions	40,370	206,013	283,687
Seacoast	1	Transformers Company/Conversions, Carryover	48,801	117,117	164,809
Seacoast	1	Transformer Customer Requirements	794,152	952,421	1,280,104
Seacoast	1	Transformer Customer Requirements, Carryover	2,579,462	365,991	473,376
Seacoast	1	Meters Company Requirements	771,523	253,163	240,619
Seacoast	1	Meters Company Requirements, Carryover	174,288	0	0
Seacoast	1	Meters Customer Requirements	1,291,402	159,677	152,403
Seacoast	1	Meters Customer Requirements, Carryover	349,970	0	0
Seacoast		Sub-Totals:	10,158,545	6,534,146	6,945,476
Seacoast		<u>Communications:Electric</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Seacoast	2	Replace 2-way Radio System	27,582	0	0
Seacoast	2	Two Way Radio Replacements	0	6,000	0
Seacoast	2	Two Way Radio Replacements	0	0	6,000
Seacoast	2	Two Way Radio Replacements	0	0	0
Seacoast	2	Two Way Radio Replacements	0	0	0
Seacoast	3	Telecommunications Replacements for Electric SCADA - UES-Seacoast	89,698	-	-
Seacoast	3	Telecommunications Replacements for Electric SCADA - UES-Seacoast	-	140,238	-
Seacoast		Sub-Totals:	117,280	146,238	6,000

Unitil Energy Systems, Inc.
Docket No. DE 23-065
SUPPLEMENTAL DOE 2-3 Attachment 1
6 of 9

		<u>Distribution:Electric</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Seacoast		Overhead Line Extensions	52,024	0	0
Seacoast	1	Overhead Line Extensions - New Projects	0	58,524	0
Seacoast	1	Overhead Line Extensions - New Projects	0	0	62,395
Seacoast	1	Overhead Line Extensions - New Projects	0	0	0
Seacoast	1	Overhead Line Extensions - New Projects	0	0	0
Seacoast	1	Overhead Line Extensions, Carryover	26,566	0	0
Seacoast	1	Overhead Line Extensions, Carryover	0	29,208	0
Seacoast	1	Overhead Line Extensions, Carryover	0	0	28,658
Seacoast	1	Overhead Line Extensions, Carryover	0	0	0
Seacoast	1	Overhead Line Extensions, Carryover	0	0	0
Seacoast	1	Underground Line Extensions	329,286	0	0
Seacoast	1	Underground Line Extensions - New Projects	0	368,630	0
Seacoast	1	Underground Line Extensions - New Projects	0	0	381,574
Seacoast	1	Underground Line Extensions - New Projects	0	0	0
Seacoast	1	Underground Line Extensions - New Projects	0	0	0
Seacoast	1	Underground Line Extensions, Carryover	331,227	0	0
Seacoast	1	Underground Line Extensions, Carryovers	0	362,177	0
Seacoast	1	Underground Line Extensions, Carryovers	0	0	349,894
Seacoast	1	Underground Line Extensions, Carryovers	0	0	0
Seacoast	1	Underground Line Extensions, Carryovers	0	0	0
Seacoast	2	Highway Projects	308,223	0	0
Seacoast	2	State of NH, Rt. 111, Exeter - Widen Shoulders	276,837	0	0
Seacoast	2	Highway Projects	0	230,332	0
Seacoast	2	NH DOT, Relocate Facilities, Rt. 125, Kingston and Plaistow	0	444,526	0
Seacoast	2	Highway Projects	0	0	225,408
Seacoast	2	Highway Projects	0	0	0
Seacoast	2	Highway Projects	0	0	0
Seacoast	2	Highway Projects, Carryover	0	0	0
Seacoast	2	Highway Projects, Carryover	0	0	0
Seacoast	2	Highway Projects, Carryover	0	0	0
Seacoast	2	NH DOT, Relocate Facilities, Rt. 125, Kingston and Plaistow	0	0	123,493
Seacoast	2	Highway Projects, Carryover	0	0	0
Seacoast	2	Highway Projects, Carryover	0	0	0
Seacoast	2	Distribution Pole Replacements	1,774,226	0	0
Seacoast	2	Sub-Transmission Pole Replacements	2,437,183	0	0
Seacoast	3	Shaws Hill Tap - Replace SCADA RTU	-	-	-
Seacoast	3	Guinea Road Tap - SCADA RTU Additions	-	-	-
Seacoast	3	Munt Hill Tap - Replace SCADA RTU	-	-	-
Seacoast	3	Hunt Road Tap - Replace SCADA RTU	-	-	-
Seacoast	1	Circuit 22X2: Install Voltage Regulator on West Shore Park Rd, Kingston	69,120	0	0
Seacoast	1	Unspecified projects	0	0	0
Seacoast	2	Distribution Pole Replacements	0	1,976,777	0
Seacoast	2	Sub-Transmission Pole Replacements	0	2,140,826	0
Seacoast	1	Circuit 23X1: Reconductor South Rd., Kensington	0	226,869	0
Seacoast	2	NH DOT, Maple Ave & Amesbury Rd., Newton - Intersection Improvements	0	142,272	0
Seacoast	1	Unspecified projects	0	0	0
Seacoast	2	Distribution Pole Replacements	0	0	1,944,115
Seacoast	2	Sub-Transmission Pole Replacements	0	0	3,001,927
Seacoast	2	Install Electrical Conduit on Replacement 1A Bridge in Hampton	-	-	3,000,000
Seacoast	2	Unspecified Projects	0	0	0
Seacoast	2	Distribution Projects, Unspecified	0	0	0
Seacoast	2	Distribution Pole Replacements	0	0	0
Seacoast	2	Sub-Transmission Pole Replacements	0	0	0
Seacoast	2	Westville - 21W1A Recloser Control Replacement	0	0	0
Seacoast	3	18X1 - SCADA Additions (Grid Mod)	-	-	-
Seacoast	3	51X1 - SCADA Additions (Grid Mod)	-	-	-
Seacoast	3	Winnicutt Road Tap - Modifications (Grid Mod)	-	-	-
Seacoast	3	23X1 - SCADA Additions (Grid Mod)	-	-	-
Seacoast	3	22X1 - SCADA Additions (Grid Mod)	-	-	-
Seacoast	1	AMI Conversion	0	0	0
Seacoast	1	Unspecified Projects	0	0	0
Seacoast	2	Distribution Pole Replacements	0	0	0
Seacoast	2	Sub-Transmission Pole Replacements	0	0	0

Unitil Energy Systems, Inc.
Docket No. DE 23-065
SUPPLEMENTAL DOE 2-3 Attachment 1
7 of 9

Seacoast	3	Install Electrical Conduit on Replacement 1A Bridge in Hampton	-	-	-
Seacoast	1	AMI Conversion	0	0	0
Seacoast	2	Distribution Pole Replacements, Carryover	46,849	0	0
Seacoast	1	2H1 - Convert to 34.5 kV and Transfer to 2X2, Hampton	0	0	0
Seacoast	2	3342 & 3353 Lines - Replace Crossarms, Hampton	0	0	0
Seacoast	1	Circuit 54X1: Install Voltage Regulator on Main St. Newton	36,116	0	0
Seacoast	1	Circuit 6W1: Install Voltage Regulator on North Rd., East Kingston	36,116	0	0
Seacoast	1	Circuit 6W1: Install Voltage Regulator on South Rd, South Hampton	36,116	0	0
Seacoast	2	Distribution Pole Replacements, Carryover	0	52,410	0
Seacoast	3	Hunt Road Tap - Replace SCADA RTU	-	117,117	-
Seacoast	3	Munt Hill Tap - Replace SCADA RTU	-	117,117	-
Seacoast	3	Shaws Hill Tap - Replace SCADA RTU	-	117,117	-
Seacoast	3	Guinea Road Tap - SCADA RTU Additions	-	12,193	-
Seacoast	1	2H1 - Convert to 34.5 kV and Transfer to 2X2, Hampton	0	136,115	0
Seacoast	2	Distribution Pole Replacements, Carryover	0	0	49,299
Seacoast	2	3350 Line Tap - Install Protective Devices	0	0	979,655
Seacoast	2	Distribution Pole Replacements, Carryover	0	0	0
Seacoast	2	Distribution Pole Replacements, Carryover	0	0	0
Seacoast	3	Reliability Projects	720,164	-	-
Seacoast	3	Reliability Projects, Unspecified	-	500,000	-
Seacoast	3	Reliability Projects, Unspecified	-	-	500,000
Seacoast	3	Reliability Projects, Unspecified	-	-	-
Seacoast	3	Reliability Projects, Unspecified	-	-	-
Seacoast		Sub-Totals:	6,480,052	7,032,212	10,646,418
Seacoast		<u>Tools, Shop, Garage:Electric</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Seacoast	2	Purchase and Replace Rubber Goods	6,100	0	0
Seacoast	2	Purchase and Replace Hot Line Tools	4,800	0	0
Seacoast	2	Tools, Shop & Garage – Normal Additions and Replacements	14,800	0	0
Seacoast	2	Normal additions & replacement - tools & equipment Meter and Field Services	7,000	0	0
Seacoast	2	Normal Additions and Replacements- Tools and Equipment Substation	15,000	0	0
Seacoast	2	Purchase four (4) Service Testers	8,000	0	0
Seacoast	2	Purchase Milwaukee battery Operated Crimper	3,000	0	0
Seacoast	2	Purchase Non-Entry Confined Space Rescue Equipment	8,000	0	0
Seacoast	2	Tools, Shop & Garage – Normal Additions and Replacements	0	15,000	0
Seacoast	2	Purchase and Replace Rubber Goods	0	6,200	0
Seacoast	2	Purchase and Replace Hot Line Tools	0	5,000	0
Seacoast	2	Normal additions & replacement - tools & equipment Meter and Services	0	7,000	0
Seacoast	2	Normal Additions and Replacements- Tools and Equipment Substation	0	15,000	0
Seacoast	2	Tools - Line Department, Unspecified	0	7,500	0
Seacoast	2	Tools, Shop & Garage – Normal Additions and Replacements	0	0	15,000
Seacoast	2	Purchase and Replace Rubber Goods	0	0	6,200
Seacoast	2	Purchase and Replace Hot Line Tools	0	0	5,100
Seacoast	2	Normal additions & replacement - tools & equipment Meter and Services	0	0	7,000
Seacoast	2	Normal Additions and Replacements- Tools and Equipment Substation	0	0	15,000
Seacoast	2	Tools - Line Department, Unspecified	0	0	7,500
Seacoast	2	Purchase and Replace Tools for New Truck #11	0	0	7,000
Seacoast	2	Tools, Shop & Garage – Normal Additions and Replacements	0	0	0
Seacoast	2	Purchase and Replace Rubber Goods	0	0	0
Seacoast	2	Purchase and Replace Hot Line Tools	0	0	0
Seacoast	2	Normal additions & replacement - tools & equipment Meter and Services	0	0	0
Seacoast	2	Normal Additions and Replacements- Tools and Equipment Substation	0	0	0
Seacoast	2	Tools - Line Department, Unspecified	0	0	0

Unitil Energy Systems, Inc.
Docket No. DE 23-065
SUPPLEMENTAL DOE 2-3 Attachment 1
8 of 9

Seacoast	2	Purchase Tooling and Equipment for Bucket Truck #8	0	0	0
Seacoast	2	Tools, Shop & Garage – Normal Additions and Replacements	0	0	0
Seacoast	2	Purchase and Replace Rubber Goods	0	0	0
Seacoast	2	Purchase and Replace Hot Line Tools	0	0	0
Seacoast	2	Tools - Line Department, Unspecified	0	0	0
Seacoast	2	Purchase Tooling and Equipment for Bucket Truck #23	0	0	0
Seacoast	2	Normal Additions and Replacements- Tools and Equipment Substation	0	0	0
Seacoast	2	Normal additions & replacement - tools & equipment Meter and Services	0	0	0
Seacoast		Sub-Totals:	66,700	55,700	62,800
Seacoast		<u>Laboratory:General</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Seacoast	2	Lab Equipment - Normal Additions and Replacements	7,000	0	0
Seacoast	2	Lab Equipment - Normal Additions and Replacements	0	7,000	0
Seacoast	2	Lab Equipment - Normal Additions and Replacements	0	0	7,000
Seacoast	2	Lab Equipment - Normal Additions and Replacements	0	0	0
Seacoast	2	Lab Equipment - Normal Additions and Replacements	0	0	0
Seacoast		Sub-Totals:	7,000	7,000	7,000
Seacoast		<u>Office:Electric</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Seacoast	3	Office Furniture & Equipment – Normal Additions and Replacements	4,000	-	-
Seacoast	3	Office Furniture & Equipment – Normal Additions and Replacements	-	4,000	-
Seacoast	3	Office Furniture & Equipment – Normal Additions and Replacements	-	-	4,000
Seacoast	3	Office Furniture & Equipment – Normal Additions and Replacements	-	-	-
Seacoast	3	Office Furniture & Equipment – Normal Additions and Replacements	-	-	-
Seacoast		Sub-Totals:	4,000	4,000	4,000
Seacoast		<u>Production:Electric</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Seacoast	3	Construct PV Facility	2,396,530	-	-
Seacoast	3	Construct PV Facility	-	-	-
Seacoast	3	Construct PV Facility	-	9,513,975	-
Seacoast		Sub-Totals:	2,396,530	9,513,975	0
Seacoast		<u>Structures:General</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Seacoast	3	Normal Improvements to Seacoast Facility	10,000	-	-
Seacoast	3	Normal Improvements to Seacoast Facility	-	10,000	-
Seacoast	3	Solar Installation - Warehouse & Vehicle Bay Roof	-	300,000	-
Seacoast	3	Normal Improvements to Seacoast Facility	-	-	10,000
Seacoast	3	Building Improvements	-	-	400,000
Seacoast	3	Normal Improvements to Seacoast Facility	-	-	-
Seacoast	3	Building Improvements	-	-	-
Seacoast	3	Building Improvements	-	-	-
Seacoast	3	Normal Improvements to Seacoast Facility	-	-	-
Seacoast	3	Sale of Kensington DOC Facility, Carryover	-	75,000	-
Seacoast		Sub-Totals:	10,000	385,000	410,000
Seacoast		<u>Substation:Electric</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
Seacoast	3	Seabrook - Replace SCADA RTU	-	-	-
Seacoast	3	Timberlane - Replace SCADA RTU	-	-	-
Seacoast	2	Seabrook - 7T1 Transformer Replacement	343,658	0	0
Seacoast	2	Hampton Beach & Plaistow Fence Modifications	34,858	0	0
Seacoast	2	Hampton Beach S/S Fence Replacement	0	167,837	0
Seacoast	2	Guinea - Replace DC Power System and Control House Upgrades	0	0	144,888
Seacoast	3	Timber Swamp - SCADA Replacement	-	24,619	-
Seacoast	3	High Street - Modifications (Grid Mod)	-	184,318	-
Seacoast	2	2H1 - Remove Substation Equipment, Hampton S/S	0	54,148	0
Seacoast	2	Hampton Substation, Replace Fence	0	0	162,675
Seacoast	2	Hampton Substation - Replace 2X3 Recloser and Control	0	0	98,531
Seacoast	2	Guinea - 3343 Breaker Replacement	0	0	287,545
Seacoast	2	Guinea - Replace EM Relaying	0	0	134,576
Seacoast	2	Substation Yard Improvements	0	0	0
Seacoast	2	Guinea - 3354 Breaker Replacement	0	0	0
Seacoast	2	Cemetery Lane - 15X1 Recloser Replacement	0	0	0

Unitil Energy Systems, Inc.
Docket No. DE 23-065
SUPPLEMENTAL DOE 2-3 Attachment 1

9 of 9

Seacoast	2	Substation Yard Improvements	0	0	0
Seacoast	2	Shaw's Hill - 27X Recloser Replacement	0	0	0
Seacoast	2	Guinea - 3112 Breaker Replacement	0	0	0
Seacoast	1	Replace Exeter Substation Transformers	644,133	0	0
Seacoast	2	Rebuild Mill Lane Tap	146,059	0	0
Seacoast	2	OCB Replacement Project: Guinea - Replace 3342 Breaker	202,174	0	0
Seacoast	2	Replace Hampton Beach 3T3 Power Transformer	1,492,402	0	0
Seacoast	2	Guinea S/S - Replace 3359 Breaker	67,274	0	0
Seacoast	2	Hampton - Replace 2X2	40,627	0	0
Seacoast	2	Seabrook - 7T1 Transformer Replacement	0	1,175,511	0
Seacoast	2	Rebuild Mill Lane Tap	0	546,657	0
Seacoast	3	Seabrook - Replace SCADA RTU	-	117,117	-
Seacoast	3	Timberlane - Replace SCADA RTU	-	117,117	-
Seacoast	2	Guinea S/S - Replace 3359 Breaker	0	0	278,975
Seacoast	2	Replace Exeter Substation Transformers	0	230,495	0
Seacoast		Sub-Totals:	2,971,185	2,617,818	1,107,191
Seacoast		Transportation:Electric	2023	2024	2025
Seacoast	2	S-18 Pick up - Field Services Supervisor	1	0	0
Seacoast	2	S-05 Box truck- Substation	1	0	0
Seacoast	2	S-03 Pickup (Hybrid) - Meter	0	1	0
Seacoast	2	S-07 Pickup (Hybrid) - Fleet & Facilities	0	1	0
Seacoast	2	S-36 Pickup (Hybrid) - Field Services	0	1	0
Seacoast	2	Replace Pick Up Truck #22 - Substation	0	0	1
Seacoast	2	Replace pick up #35-Line supervisor	0	0	1
Seacoast	2	Replace Pick Up Truck #31 - Stock Room/Plow Truck	0	0	1
Seacoast	2	Replace pick up #4 meter supervisor	0	0	1
Seacoast	2	Replace Digger Truck #11	0	0	1
Seacoast	2	Replace Bucket Truck #8	0	0	0
Seacoast	2	Replace Pick Up Truck #12 - Primary S/B	0	0	0
Seacoast	2	Replace Pick Up Truck #14 - Secondary s/B	0	0	0
Seacoast	2	Replace Bucket Truck #23	0	0	0
Seacoast	2	Replace Pick Up Truck #26 - meter worker	0	0	0
Seacoast	2	Replace Pick Up Truck #30 - Dig safe	0	0	0
Seacoast	2	SB-01 Power Boat for Sub-Transmission Inspections	1	0	0
Seacoast		Sub-Totals:	3	3	5
Seacoast		Totals:	22,211,295	26,296,093	19,188,890
USC Allocated		USC Allocated	2023	2024	2025
USC Allocated		Unitil Service Corp. Project Allocation	2,346,491	2,634,025	2,908,498
		Sub-Totals:	2,346,491	2,634,025	2,908,498
Total Capital Project Budget			\$ 37,790,550	\$ 45,593,362	\$ 45,670,309
Priority 1 Projects			22,525,231	18,535,532	25,466,288
Priority 2 Projects			8,927,868	9,631,481	14,500,656
Priority 3 Projects			3,990,959	14,792,321	2,794,867
Unitil Service Corp. Projects.			2,346,491	2,634,025	2,908,498