

Unitil Energy Systems, Inc.  
Docket No. DE 21-030  
NHPUC Record Requests – 3/3/22 Hearing

Date Request Received: 3/4/2022  
Request No. NHPUC RR 1-2

Date of Response: 3/11/2022  
Witness: C. Goulding & D. Nawazelski

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**REQUEST:**

Provide an unlocked version of all schedules to the Settlement in live Excel format.

**RESPONSE:**

Attached in live unlinked Excel format are Settlement Attachments 01, 02, 03, 04, 05, 07, 08, 09, 10, 11, 14 and 15.

Unitil Energy Systems, Inc.  
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Date Request Received: 3/4/2022  
Request No. NHPUC RR 1-3

Date of Response: 3/11/2022  
Witness: Kevin Sprague

**REQUEST:**

For the individual projects listed in the 2021 step adjustment contained in Attachment 3 to the Settlement, please provide the list updated with all projects broken out into:

Priority1/Priority2/Priority3 (provide explanation of what each priority entails)

And further broken into:

Reliability, Mandated, Maintenance, System Improvement and Other.

**RESPONSE:**

Please reference NHPUC RR 1-3 Attachment 1 for a project by project listing of capital projects for 2021. The projects have been identified categorized by priority:

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 during following emergencies, and construction required to serve new customer load. All projects in this category are considered non-discretionary.

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.

The projects have also been categorized by growth and non-growth. The non-growth categories are as follows:

Reliability (R): Projects where the primary justification is to improve reliability (i.e. reduce customer minutes of outage time and/or reduce customer interruptions) such as: distribution automation, recloser additions, spacer cable,

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adding fusing locations, circuit reconfiguration to reduce outage size, circuit ties.

Maintenance Replacement (M): Normal replacement of aged equipment such as: distribution pole replacement, distribution improvements, outdoor lighting, emergency and storm restoration, billable work, meter replacements, underground cable replacement, and equipment replacement.

Mandated (H): Projects necessary to perform assigned business functions in required manner including regulator or legal requirements, intercompany operating agreements and related facilities such as: highway relocation projects, telephone company requests, and third party attachments.

System Improvement (I): Projects required to address engineering planning constraints such as overloads and voltage problems which violate planning criteria such as: new system supply substations, transformer replacements, voltage regulation projects, reconductoring, and stepdown transformer replacements.

Grid Modernization(G): These are projects that the Company is proposing within its Grid Modernization Plan. Typical projects in this category consist of (but are not limited to) data sharing, field area network, advanced distribution management system, distributed energy resource management system, SCADA, volt-var optimization, and electric vehicle (“EV”) make ready program, in addition to other projects. There are no projects identified as Grid Modernization projects in 2021.

Other (O): All other projects that do not fit into the categories above such as: equipment and tools, communication projects, office furniture, structure projects, software, and substation modifications.

In addition to the categorization used above, each project is identified as a “Specific” or “Blanket” project. A “Specific” project has a known project scope, justification and cost estimate. A “Blanket” project is a grouping of similar unknown projects, each less than \$30,000, that are unknown at budget time. Typical “Blanket” projects are transformer and meter purchases, emergency storm response, T&D improvements, new customer additions, as well as others.

Unitil Energy Systems, Inc.  
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Date Request Received: 3/4/2022  
Request No. NHPUC RR 1-4

Date of Response: 3/11/2022  
Witness: C. Goulding & D. Nawaselski

**REQUEST:**

For each of the years 2010 to 2021, please provide the number of meters added and the total load by customer class.

**RESPONSE:**

Please see NHPUC RR 1-4 Attachment 1.

Unitil Energy Systems, Inc.  
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NHPUC Record Requests – 3/3/22 Hearing

Date Request Received: 3/4/2022  
Request No. NHPUC RR 1-5

Date of Response: 3/11/2022  
Witness: C. Goulding & D. Nawaselski

**REQUEST:**

Please provide a summary of last three rate cases (DE 05-178, DE 10-055, DE 16-384) and compare them with the current one. Please provide the following in Excel format:

- a. Plant in service (filing and approved)
- b. Accumulated depreciation (filing and approved)
- c. Total Revenue requirement (filing and approved)
- d. ROR and ROE (filing and approved)
- e. Test year number of customers
- f. Plant additions (between three rate cases) growth, non-growth (in each category -Priority1/Priority2/Priority3)

**RESPONSE:**

- a. Please refer to NHPUC RR 1-5 Attachment 1.
- b. Please refer to NHPUC RR 1-5 Attachment 1.
- c. Please refer to NHPUC RR 1-5 Attachment 1.
- d. Please refer to NHPUC RR 1-5 Attachment 1.
- e. Please refer to NHPUC RR 1-5 Attachment 1.
- f. Please refer to the Company's response to NHPUC RR 1-6. Due to system limitations the Company is unable to provide any information prior to 2010 in a timely manner. The Company's plant accounting records prior to 2010 are kept as manual records and thus outside of the Company's plant accounting software. As such it would be unduly burdensome for the Company to compile and analyze.

Unitil Energy Systems, Inc.  
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NHPUC Record Requests – 3/3/22 Hearing

Date Request Received: 3/4/2022  
Request No. NHPUC RR 1-6

Date of Response: 3/11/2022  
Witness: Kevin Sprague

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**REQUEST:**

Provide the next 5 years' forecasted capital expenditure projections by growth and non-growth (Priority1/Priority2/Priority3).

**RESPONSE:**

Please reference NHPUC RR 1-6 Attachment 1 which provides actual capital spending from 2010 to 2020 and forecasted capital spending for 2021 to 2025 categorized by growth and non-growth categories as well as priority. The "Summary" tab of the Excel file provides the summary of the years, while the other tabs provide all of the supporting information on a project by project basis.

Unitil Energy Systems, Inc.  
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Date Request Received: 3/4/2022  
Request No. NHPUC RR 1-7

Date of Response: 3/11/2022  
Witness: C. Goulding & D. Nawazelski

**REQUEST:**

Please provide the model, in unlocked Excel format, for the revenue calculations to be used for the Revenue Decoupling Mechanism adjustment reconciliations to be filed on or before June 1 of each year, as proposed by Section 4.2 of the Settlement Agreement.

**RESPONSE:**

Please refer to NHPUC RR 1-7 Attachment 1 (Tab P(A). Illustrative RDAF Calc), for an illustrative example of the Revenue Decoupling Mechanism adjustment reconciliation and calculation of the sector Revenue Decoupling Adjustment Factors.

For illustrative purposes, the Company assumed a revenue increase of 0.50% and customer growth of 0.25% over the customer counts and revenues that were filed in Settlement Attachment 05.

In the example, the RDA for each group is assumed to be lower than the cap. Also, for simplicity, the Company assumed that there were no meter conversions for Riverwoods so there is no corresponding adjustment in the decoupling calculation.

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Date Request Received: 3/4/2022  
Request No. NHPUC RR 1-8

Date of Response: 3/11/2022  
Witness: C. Goulding & D. Nawazelski

**REQUEST:**

Please provide an updated estimate of rate case expenses incurred through the date of hearing March 3, 2022.

**RESPONSE:**

The Company's estimate of rate case expenses incurred through the date of the hearing on March 3, 2022 is \$613,400. This estimate includes invoices received and processed to date, plus estimates for services rendered through and including March 3, 2022 not yet billed.