



February 27, 2023

BY E-MAIL¹

Daniel Goldner, Chairman
New Hampshire Public Utilities Commission
21 S. Fruit Street, Suite 10
Concord, NH 03301-2429

Re: DE 22-073 Petition for Approval of Investment in and Rate Recovery of a Distributed Energy Resource Pursuant to RSA 374-G
Correct Bates Page 000033, Supplemental Testimony (Exh. SP-1)

Dear Chairman Goldner:

On February 20, 2023², Unitil Energy Systems, Inc. (the "Company") filed supplemental testimony in the above referenced proceeding. Table 10 on Bates Page 33 of Exhibit SP-1 lists the warranty periods and commercial lifespans for major system components of the Kingston Solar Project. The source of the figures provided in Table 10 is Exhibit SP-4, ReVision Energy's ("ReVision") pricing and performance proposal for the Kingston Solar Project.

In the course of preparing a response to a discovery request issued by the Department of Energy, the Company, after consulting with ReVision, has determined that the 20 year warranty period listed for the inverters is not accurate. The inverters specified for the project have a 5-10 year warranty (depending upon an optional extension to the warranty period).

To correct this inaccuracy, enclosed please find a corrected copy of Bates Page 33, which replaces the 20 year warranty period figure listed for the inverters with a 5-10 year warranty period. The enclosed, corrected Bates Page 33 should be substituted for the inaccurate page in Exhibit SP-1 that was submitted with the Company's February 20, 2023 filing. Because the enclosed page does not contain any confidential information, it can be inserted into both the public and confidential versions of Exhibit SP-1.

Please do not hesitate to contact me if you have any questions regarding this emendation to Bates Page 33 of Exhibit SP-1.

Sincerely,

A handwritten signature in black ink that reads "Matthew Campbell".

Matthew C. Campbell

Enclosure

cc: Service List (by E-mail)

¹ This filing is made electronically in accordance with the Secretarial Letter dated March 17, 2020.

² Because February 20, 2023 was a federal holiday, the Commission docketed the Supplement Testimony and Exhibits as being filed on February 21, 2023.

CERTIFICATE OF SERVICE

I hereby certify that on this 27th day of February 2023, a copy of the enclosed, corrected Bates page was electronically delivered to the Service List for this proceeding.

A handwritten signature in black ink, reading "Matthew Campbell", written in a cursive style.

Matthew C. Campbell

1 plan. The ReVision O&M plan will include daily monitoring of system performance
2 so it can quickly mobilize in-house service personnel either remotely or onsite to
3 address issues that may arise, in accordance with guaranteed response times. The
4 O&M Plan will also include 80-point annual electrical and mechanical inspections
5 and associated preventive maintenance, accompanied by a detailed inspection and
6 production report.

7 Second, the Project is designed with proven, high-quality components with long-
8 term and robust warranties from manufacturers to ensure the performance and
9 reliability of the equipment. The warranty periods and expected lifespan of major
10 system components provided by ReVision in response to the Final EPC RFP are
11 summarized in Table 10 below.

12 **Table 10: Warranty Periods and Commercial Lifespan**

Major Component	Warranty Period (Years)	Commercial Lifespan (Years)
Qcells QPEAK DUO XL 580W Bifacial Solar Modules	25	40
Solectria XGI 1500/125 kW Solar Inverters	5-10	20
TerraSmart TerraTrack Single-Axis Tracking System	20	40

13 The 25-year linear performance warranty for the solar modules ensures at least 98
14 percent of nominal power during the first year and maximum 0.5 percent
15 degradation per year thereafter, resulting in at least 86 percent of nominal power
16 output in Year 25. Qcells is a leading Tier 1 solar panel manufacturer based in the

plan. The ReVision O&M plan will include daily monitoring of system performance so it can quickly mobilize in-house service personnel either remotely or onsite to address issues that may arise, in accordance with guaranteed response times. The O&M Plan will also include 80-point annual electrical and mechanical inspections and associated preventive maintenance, accompanied by a detailed inspection and production report.

Second, the Project is designed with proven, high-quality components with long-term and robust warranties from manufacturers to ensure the performance and reliability of the equipment. The warranty periods and expected lifespan of major system components provided by ReVision in response to the Final EPC RFP are summarized in Table 10 below.

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