



October 11, 2017

NHPUC 12OCT17AM9:46

**BY Overnight Mail and E-MAIL**

Debra A. Howland  
Executive Director and Secretary  
New Hampshire Public Utilities Commission  
21 S. Fruit Street, Suite 10  
Concord, NH 03301-2429

**Re: Docket No. DE 17-038**

Dear Secretary Howland:

On behalf of Unitil Energy Systems, Inc. ("UES"), enclosed are an original and six (6) copies of a redacted version of Exhibit #7. Exhibit #8 has been reserved for this document.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink that reads "Gary Epler".

Gary Epler  
Attorney for Unitil Energy Systems, Inc.

Enclosure

cc: Suzanne Amidon, Staff Attorney  
Brian D. Buckley, OCA Staff Attorney

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**Gary Epler**  
Chief Regulatory Counsel  
epler@unitil.com

6 Liberty Lane West  
Hampton, NH 03842

T 603.773.6440 F 603.773.6640  
[www.unitil.com](http://www.unitil.com)

UES Default Service RFP Issued August 29, 2017  
For Loads to be Served beginning December 1, 2017  
Comparison of Winning Bids to NYMEX Futures - Non G1 Customers

UES 6-Month Non-G1 Customer Default Service Bids versus NYMEX OTC New England On-Peak Electric Futures (ISO)

| RFP for Service Beginning December 1, 2017 |                  |                  |                  |                                 | RFP for Service Beginning December 1, 2016 |                  |                  |                  |                                 |                        |                           |
|--|------------------|------------------|------------------|---------------------------------|--|------------------|------------------|------------------|---------------------------------|------------------------|---------------------------|
|  | Evaluation Loads | \$/MWH Final Bid | \$/MWH NYMEX ISO | Ratio of Final Bid to NYMEX ISO |  | Evaluation Loads | \$/MWH Final Bid | \$/MWH NYMEX ISO | Ratio of Final Bid to NYMEX ISO | \$/MWH Final Bid Price | \$/MWH Calculation Result |
| Dec-16                                     |                  |                  |                  |                                 |  | 51,617           |                  |                  |                                 |                        |                           |
| Jan-17                                     |                  |                  |                  |                                 |  | 57,891           |                  |                  |                                 |                        |                           |
| Feb-17                                     |                  |                  |                  |                                 |  | 54,915           |                  |                  |                                 |                        |                           |
| Mar-17                                     |                  |                  |                  |                                 |  | 50,961           |                  |                  |                                 |                        |                           |
| Apr-17                                     |                  |                  |                  |                                 |  | 46,832           |                  |                  |                                 |                        |                           |
| May-17                                     |                  |                  |                  |                                 |  | 43,370           |                  |                  |                                 |                        |                           |
| Dec-17                                     | 53,279           |                  |                  |                                 |  |                  |                  |                  |                                 |                        |                           |
| Jan-18                                     | 59,643           |                  |                  |                                 |  |                  |                  |                  |                                 |                        |                           |
| Feb-18                                     | 55,889           |                  |                  |                                 |  |                  |                  |                  |                                 |                        |                           |
| Mar-18                                     | 51,880           |                  |                  |                                 |  |                  |                  |                  |                                 |                        |                           |
| Apr-18                                     | 48,851           |                  |                  |                                 |  |                  |                  |                  |                                 |                        |                           |
| May-18                                     | 43,484           |                  |                  |                                 |  |                  |                  |                  |                                 |                        |                           |
| PERIOD                                     | 313,025          |                  |                  |                                 |  | 305,585          |                  |                  |                                 |                        |                           |
| Final Bid Price v. Calculation Result      |                  |                  |                  |                                 |  |                  |                  |                  |                                 |                        |                           |

Note: NYMEX quotes list prior day close since bids were due at 10:00 am. Bids shown are winning bids and include the cost of capacity.

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| RFP for Service Beginning December 1, 2017 |                  |                  |                  |                                 | RFP for Service Beginning June 1, 2017 |                  |                  |                                 |                        |                           |  |
|--|------------------|------------------|------------------|---------------------------------|--|------------------|------------------|---------------------------------|------------------------|---------------------------|--|
|  | Evaluation Loads | \$/MWH Final Bid | \$/MWH NYMEX ISO | Ratio of Final Bid to NYMEX ISO |  | \$/MWH Final Bid | \$/MWH NYMEX ISO | Ratio of Final Bid to NYMEX ISO | \$/MWH Final Bid Price | \$/MWH Calculation Result |  |
| Jun-17                                     |                  |                  |                  |                                 | 44,437                                 |                  |                  |                                 |                        |                           |  |
| Jul-17                                     |                  |                  |                  |                                 | 57,777                                 |                  |                  |                                 |                        |                           |  |
| Aug-17                                     |                  |                  |                  |                                 | 60,381                                 |                  |                  |                                 |                        |                           |  |
| Sep-17                                     |                  |                  |                  |                                 | 49,688                                 |                  |                  |                                 |                        |                           |  |
| Oct-17                                     |                  |                  |                  |                                 | 45,808                                 |                  |                  |                                 |                        |                           |  |
| Nov-17                                     |                  |                  |                  |                                 | 46,513                                 |                  |                  |                                 |                        |                           |  |
| Dec-17                                     | 53,279           |                  |                  |                                 |  |                  |                  |                                 |                        |                           |  |
| Jan-18                                     | 59,643           |                  |                  |                                 |  |                  |                  |                                 |                        |                           |  |
| Feb-18                                     | 55,889           |                  |                  |                                 |  |                  |                  |                                 |                        |                           |  |
| Mar-18                                     | 51,880           |                  |                  |                                 |  |                  |                  |                                 |                        |                           |  |
| Apr-18                                     | 48,851           |                  |                  |                                 |  |                  |                  |                                 |                        |                           |  |
| May-18                                     | 43,484           |                  |                  |                                 |  |                  |                  |                                 |                        |                           |  |
| PERIOD                                     | 313,025          |                  |                  |                                 | 304,604                                |                  |                  |                                 |                        |                           |  |
| Final Bid Price v. Calculation Result      |                  |                  |                  |                                 |  |                  |                  |                                 |                        |                           |  |

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Comparison of Winning Bids to NYMEX Futures - Non G1 Customers

UES 6-Month Non-G1 Customer Default Service Bids versus NYMEX OTC Natural Gas (NG) Henry Hub Futures

| RFP for Service Beginning December 1, 2017 |                  |                  |                   |                                | RFP for Service Beginning December 1, 2016 |                  |                 |                                |                        |                           |  |
|--|------------------|------------------|-------------------|--------------------------------|--|------------------|-----------------|--------------------------------|------------------------|---------------------------|--|
|  | Evaluation Loads | \$/MWH Final Bid | \$/mmbtu NYMEX NG | Ratio of Final Bid to NYMEX NG |  | \$/MWH Final Bid | \$/MWH NYMEX NG | Ratio of Final Bid to NYMEX NG | \$/MWH Final Bid Price | \$/MWH Calculation Result |  |
| Dec-16                                     |                  |                  |                   |                                | 51,617                                     |                  |                 |                                |                        |                           |  |
| Jan-17                                     |                  |                  |                   |                                | 57,891                                     |                  |                 |                                |                        |                           |  |
| Feb-17                                     |                  |                  |                   |                                | 54,915                                     |                  |                 |                                |                        |                           |  |
| Mar-17                                     |                  |                  |                   |                                | 50,961                                     |                  |                 |                                |                        |                           |  |
| Apr-17                                     |                  |                  |                   |                                | 46,832                                     |                  |                 |                                |                        |                           |  |
| May-17                                     |                  |                  |                   |                                | 43,370                                     |                  |                 |                                |                        |                           |  |
| Dec-17                                     | 53,279           |                  |                   |                                |  |                  |                 |                                |                        |                           |  |
| Jan-18                                     | 59,643           |                  |                   |                                |  |                  |                 |                                |                        |                           |  |
| Feb-18                                     | 55,889           |                  |                   |                                |  |                  |                 |                                |                        |                           |  |
| Mar-18                                     | 51,880           |                  |                   |                                |  |                  |                 |                                |                        |                           |  |
| Apr-18                                     | 48,851           |                  |                   |                                |  |                  |                 |                                |                        |                           |  |
| May-18                                     | 43,484           |                  |                   |                                |  |                  |                 |                                |                        |                           |  |
| PERIOD                                     | 313,025          |                  |                   |                                | 305,585                                    |                  |                 |                                |                        |                           |  |
| Final Bid Price v. Calculation Result      |                  |                  |                   |                                |  |                  |                 |                                |                        |                           |  |

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| RFP for Service Beginning December 1, 2017 |                  |                  |                   |                                | RFP for Service Beginning June 1, 2017 |                  |                 |                                |                        |                           |  |
|--|------------------|------------------|-------------------|--------------------------------|--|------------------|-----------------|--------------------------------|------------------------|---------------------------|--|
|  | Evaluation Loads | \$/MWH Final Bid | \$/mmbtu NYMEX NG | Ratio of Final Bid to NYMEX NG |  | \$/MWH Final Bid | \$/MWH NYMEX NG | Ratio of Final Bid to NYMEX NG | \$/MWH Final Bid Price | \$/MWH Calculation Result |  |
| Jun-17                                     |                  |                  |                   |                                | 44,437                                 |                  |                 |                                |                        |                           |  |
| Jul-17                                     |                  |                  |                   |                                | 57,777                                 |                  |                 |                                |                        |                           |  |
| Aug-17                                     |                  |                  |                   |                                | 60,381                                 |                  |                 |                                |                        |                           |  |
| Sep-17                                     |                  |                  |                   |                                | 49,688                                 |                  |                 |                                |                        |                           |  |
| Oct-17                                     |                  |                  |                   |                                | 45,808                                 |                  |                 |                                |                        |                           |  |
| Nov-17                                     |                  |                  |                   |                                | 46,513                                 |                  |                 |                                |                        |                           |  |
| Dec-17                                     | 53,279           |                  |                   |                                |  |                  |                 |                                |                        |                           |  |
| Jan-18                                     | 59,643           |                  |                   |                                |  |                  |                 |                                |                        |                           |  |
| Feb-18                                     | 55,889           |                  |                   |                                |  |                  |                 |                                |                        |                           |  |
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| Apr-18                                     | 48,851           |                  |                   |                                |  |                  |                 |                                |                        |                           |  |
| May-18                                     | 43,484           |                  |                   |                                |  |                  |                 |                                |                        |                           |  |
| PERIOD                                     | 313,025          |                  |                   |                                | 304,604                                |                  |                 |                                |                        |                           |  |
| Final Bid Price v. Calculation Result      |                  |                  |                   |                                |  |                  |                 |                                |                        |                           |  |

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