

Unitil Energy Systems, Inc.
Docket No. DE 12-003
PUC Staff Information Record Request

Received: September 19, 2012

Date of Response: September 19, 2012
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Record Request No. 1 (Hearing Exhibit No. 12):

Please provide a revised Schedule TMB-4 updating the RPS percentage from 1.0% to 1.3% effective January 1, 2013 and explain the impact of this change.

Response:

Attached please find Schedule TMB-4 (Revised). This is to replace Schedule TMB-4 in UES's September 7, 2012 DS filing. The only changes made are to correct for the percentage increase of Class IV from 1.0% to 1.3% effective January 1, 2013. This results in an increase in the projected RPS costs for Jan-13 through May-13 of \$25,213 for the Non-G1 customers and \$2,099 for G1 customers. The impact on the proposed rate would be \$0.00005 per kWh, on average, for Non-G1 customers and \$0.00006 per kWh, on average, for G1 customers. For a typical residential customer, this would result in an increase of 3¢ on a 600 kWh typical monthly bill. Given that this is a projection of RPS costs and that this will be true-up and reconciled based on actual costs, UES is not proposing to change the rates for which it currently seeks Commission approval.

UES Default Service RFP Issued August 7, 2012
For Loads to be Served beginning November 1, 2012
RPS Compliance Cost Estimates, Non-G1 Customers

RPS Obligation

Market Price Assumptions

Non-G1 Customer Costs

| Year | Month | Class I | Class I Carve Out | Class II | Class III | Class IV | Class I | Class I Carve Out | Class II | Class III | Class IV | Non-G1 Sales (MWH) | Class I | Class I Carve Out | Class II | Class III | Class IV | RPS Cost | Cost \$/MWH |
|------|--------|---------|-------------------|----------|-----------|----------|----------|-------------------|----------|-----------|----------|--------------------|-----------|-------------------|----------|------------|-----------|------------|-------------|
| 2012 | Nov-12 | 3.0% | | 0.15% | 6.5% | 1.0% | \$ 47.85 | | \$131.77 | \$ 31.39 | \$ 28.85 | 58,928 | \$ 84,591 | \$ - | \$11,647 | \$ 120,234 | \$ 17,001 | \$ 233,473 | \$ 3.96 |
| 2012 | Dec-12 | 3.0% | | 0.15% | 6.5% | 1.0% | \$ 47.85 | | \$131.77 | \$ 31.39 | \$ 28.85 | 71,629 | \$102,823 | \$ - | \$14,158 | \$ 146,147 | \$ 20,665 | \$ 283,793 | \$ 3.96 |
| 2013 | Jan-13 | 3.8% | 0.20% | 0.20% | 6.5% | 1.3% | \$ 55.00 | \$ 25.00 | \$ 55.00 | \$ 31.50 | \$ 26.50 | 75,348 | \$157,478 | \$ 3,767 | \$ 8,288 | \$ 154,275 | \$ 25,957 | \$ 349,766 | \$ 4.64 |
| 2013 | Feb-13 | 3.8% | 0.20% | 0.20% | 6.5% | 1.3% | \$ 55.00 | \$ 25.00 | \$ 55.00 | \$ 31.50 | \$ 26.50 | 63,474 | \$132,660 | \$ 3,174 | \$ 6,982 | \$ 129,963 | \$ 21,867 | \$ 294,646 | \$ 4.64 |
| 2013 | Mar-13 | 3.8% | 0.20% | 0.20% | 6.5% | 1.3% | \$ 55.00 | \$ 25.00 | \$ 55.00 | \$ 31.50 | \$ 26.50 | 65,852 | \$137,631 | \$ 3,293 | \$ 7,244 | \$ 134,832 | \$ 22,686 | \$ 305,685 | \$ 4.64 |
| 2013 | Apr-13 | 3.8% | 0.20% | 0.20% | 6.5% | 1.3% | \$ 55.00 | \$ 25.00 | \$ 55.00 | \$ 31.50 | \$ 26.50 | 57,122 | \$119,386 | \$ 2,856 | \$ 6,283 | \$ 116,958 | \$ 19,679 | \$ 265,162 | \$ 4.64 |
| 2013 | May-13 | 3.8% | 0.20% | 0.20% | 6.5% | 1.3% | \$ 55.00 | \$ 25.00 | \$ 55.00 | \$ 31.50 | \$ 26.50 | 55,353 | \$115,688 | \$ 2,768 | \$ 6,089 | \$ 113,335 | \$ 19,069 | \$ 256,949 | \$ 4.64 |

UES Default Service RFP Issued August 7, 2012
 For Loads to be Served beginning November 1, 2012
 RPS Compliance Cost Estimates, G1 Customers

RPS Obligation

| Year | Month | Class I | Class I Carve Out | Class II | Class III | Class IV |
|------|--------|---------|-------------------|----------|-----------|----------|
| 2012 | Nov-12 | 3.0% | | 0.15% | 6.5% | 1.0% |
| 2012 | Dec-12 | 3.0% | | 0.15% | 6.5% | 1.0% |
| 2013 | Jan-13 | 3.8% | 0.2% | 0.20% | 6.5% | 1.3% |
| 2013 | Feb-13 | 3.8% | 0.2% | 0.20% | 6.5% | 1.3% |
| 2013 | Mar-13 | 3.8% | 0.2% | 0.20% | 6.5% | 1.3% |
| 2013 | Apr-13 | 3.8% | 0.2% | 0.20% | 6.5% | 1.3% |
| 2013 | May-13 | 3.8% | 0.2% | 0.20% | 6.5% | 1.3% |

Market Price Assumptions

| Class I | Class I Carve Out | Class II | Class III | Class IV |
|----------|-------------------|----------|-----------|----------|
| \$ 47.84 | | \$131.77 | \$ 31.39 | \$ 28.85 |
| \$ 47.84 | | \$131.77 | \$ 31.39 | \$ 28.85 |
| \$ 55.00 | \$ 25.00 | \$ 55.00 | \$ 31.50 | \$ 26.50 |
| \$ 55.00 | \$ 25.00 | \$ 55.00 | \$ 31.50 | \$ 26.50 |
| \$ 55.00 | \$ 25.00 | \$ 55.00 | \$ 31.50 | \$ 26.50 |
| \$ 55.00 | \$ 25.00 | \$ 55.00 | \$ 31.50 | \$ 26.50 |
| \$ 55.00 | \$ 25.00 | \$ 55.00 | \$ 31.50 | \$ 26.50 |

G1 Customer Costs

| G1 Sales (MWH) | Class I | Class I Carve Out | Class II | Class III | Class IV | RPS Cost | Cost \$/MWH |
|----------------|-----------|-------------------|----------|-----------|----------|-----------|-------------|
| 5,099 | \$ 7,318 | \$ - | \$ 1,008 | \$ 10,404 | \$ 1,471 | \$ 20,200 | \$ 3.96 |
| 5,193 | \$ 7,452 | \$ - | \$ 1,026 | \$ 10,595 | \$ 1,498 | \$ 20,572 | \$ 3.96 |
| 5,407 | \$ 11,300 | \$ 270 | \$ 595 | \$ 11,070 | \$ 1,863 | \$ 25,098 | \$ 4.64 |
| 5,029 | \$ 10,511 | \$ 251 | \$ 553 | \$ 10,297 | \$ 1,733 | \$ 23,345 | \$ 4.64 |
| 5,169 | \$ 10,803 | \$ 258 | \$ 569 | \$ 10,583 | \$ 1,781 | \$ 23,993 | \$ 4.64 |
| 5,189 | \$ 10,845 | \$ 259 | \$ 571 | \$ 10,624 | \$ 1,788 | \$ 24,086 | \$ 4.64 |
| 5,607 | \$ 11,718 | \$ 280 | \$ 617 | \$ 11,480 | \$ 1,931 | \$ 26,026 | \$ 4.64 |