

May 21, 2012

**VIA HAND DELIVERY & ELECTRONIC MAIL**

Luly E. Massaro, Commission Clerk  
Rhode Island Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

**Re: Docket No. 4227: Standard Offer Service Procurement Plan**

**Standard Offer Service Bids and Transaction Confirmations for the Industrial Group for the Period July 2012 through September 2012, for the Residential Group for the Period January 2013 through December 2013 and for the Commercial Group for the Period July 2012 through June 2013. Request for Confidential Treatment, and Standard Offer Service Rates for the Industrial Group for the Period July 2012 through September 2012, for the Residential Group and the Commercial Group for the period July 2012 through December 2012**

Dear Ms. Massaro:

Enclosed in accordance with Rule 1.2(g) of the Commission's Rules of Practice and Procedure are ten (10) copies of a redacted Procurement Summary, two redacted Transaction Confirmations, and one redacted Master Power Agreement executed by The Narragansett Electric Company d/b/a National Grid ("National Grid") pursuant to its Standard Offer Service Procurement Plan ("Plan") approved by the Commission at its Open Meeting on July 29, 2011 in Docket No. 4227.

As part of the Plan, National Grid is committed to file with the Commission a summary of the initial and final bids received as well as the final executed power supply contracts providing:

- 100% of the Standard Offer Service ("SOS") supply for the Industrial Group in Rhode Island for the period from July 1, 2012 through September 30, 2012;
- 20% of the Standard Offer Service supply for the Residential Group for the period January 1, 2013 through December 31, 2013;
- 30% of the Standard Offer Service supply for the Commercial Group for the period July 1, 2012 through June 30, 2013.

Included in the filing are the proposed Industrial retail prices for July 2012 through September 2012 and the proposed Residential and Commercial retail prices for the period

July 2012 through December 2012, as well as a typical bill analysis showing the bill impact of the proposed rates compared to rates currently in effect. For a residential SOS customer using 500 kWh per month, the proposed SOS rates represent a decrease in the monthly bill of \$4.96, or 6.3%.

National Grid respectfully requests confidential and privileged treatment of the unredacted version of Attachments 5 and 6 described below. These attachments contain commercially sensitive market information, the disclosure of which could affect the balance of wholesale markets as well as National Grid's ability to negotiate competitive terms with its wholesale electric suppliers. In compliance with Rule 1.2(g), National Grid is providing one complete unredacted copy of the confidential documents in a sealed envelope marked "**Contains Privileged and Confidential Materials – Do Not Release.**" Copies of the confidential, unredacted documents have also been provided to Steve Scialabba representing the Division of Public Utilities and Carriers.

National Grid is hereby filing the following attachments for the Commission's information:

- Attachment 1-** A schedule showing the calculation of the retail Standard Offer rates for the Industrial, Commercial, and Residential Groups for each month of the service period.
- Attachment 2-** The Summary of Rates tariff reflecting the proposed rates for the period July 2012 through December 2012.
- Attachment 3-** A typical bill analysis for each of the SOS Customer Groups.
- Attachment 4-** A copy of the Request for Proposals issued by the Company on April 6, 2012 to solicit Standard Offer Service supply for the Industrial, Commercial, and Residential Groups for the period July 2012 through December 2013.
- Attachment 5-** A redacted summary of the procurement process identifying the key actions taken by National Grid to procure Standard Offer Service for its customers.
- Attachment 6-** Redacted versions of the executed confidential Master Power Agreement and Transaction Confirmations for the period July 1, 2012 through September 30, 2012 for the Industrial Group, July 1, 2012 through June 30, 2013 for the Commercial Group, and January 1, 2013 through December 31, 2013 for the Residential Group.

Luly Massaro, Commission Clerk  
Docket No. 4227 – Standard Offer Service Procurement Plan  
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As described above, National Grid has provided un-redacted versions of the Procurement Summary, Master Power Agreement, and Transaction Confirmations under separate cover.

The Rhode Island load covered by this RFP is subject to a 6.5% Renewable Energy Standard (“RES”) requirement in calendar year 2012. As described in the attached documentation, National Grid evaluated the cost of obtaining the RES certificates associated with the load requirements from the bidders versus the market cost of obtaining RES certificates. Because the winning bidders did not include a price for the RES adder, National Grid did not include the RES adders in the final purchase prices. National Grid will attempt to procure these requirements through separate solicitations.

Thank you for your attention to this filing. Please feel free to contact me if you have any questions concerning this matter at (401) 784-7667.

Very truly yours,



Thomas R. Teehan

Enclosures

cc: Docket No. 4227 Service List  
Steve Scialabba (w/confidential attachments)

# National Grid

## The Narragansett Electric Company

Proposed Standard Offer Service Rates for the Industrial Group for the period July 2012 through September 2012 and for the Residential Group and the Commercial Group for the period July 2012 through December 2012

Results of Competitive Procurement for the period July 2012 through September 2012 for the Industrial Group, July 2012 through June 2013 for the Commercial Group, and January 2013 through December 2013 for the Residential Group

May 2012

Submitted to:  
Rhode Island Public Utilities Commission  
R.I.P.U.C. Docket No. 4227

Submitted by:

**nationalgrid**



Narragansett Electric Company  
d/b/a National Grid

Standard Offer Service Prices (cents per kWh at retail)

Residential Group: July 2012 through December 2012

Commercial Group: July 2012 through December 2012

Industrial Group: July 2012 through September 2012

| Power Supply<br>¢ per kWh |      |        |           |         |          |          |
|---------------------------|------|--------|-----------|---------|----------|----------|
| Contract Month            | 1    | 2      | 3         | 4       | 5        | 6        |
| Calendar Month            | July | August | September | October | November | December |
| Year                      | 2012 | 2012   | 2012      | 2012    | 2012     | 2012     |

Customer Group

|                      |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|
| Residential (1)      | 6.453 | 6.555 | 6.124 | 6.407 | 6.506 | 7.196 |
| Commercial Group (1) | 5.694 | 5.660 | 5.291 | 5.347 | 5.567 | 6.547 |
| Industrial Group     | 4.678 | 4.679 | 4.739 | n/a   | n/a   | n/a   |

Footnotes:

1) Monthly prices calculated as the sum of the average cost of supply (converted to retail delivery) as provided in a confidential submission under separate cover plus estimated cost of providing 10% of Residential and Commercial Customer supply for the period July 2012 through December 2012 through spot market purchases.

**Narragansett Electric Company**  
**d/b/a National Grid**  
Summary of Proposed Standard Offer Service Charges

|   |                                 | <b>Residential Group</b><br><b><u>(A-16 and A-60)</u></b><br>(a) | <b>Commercial Group</b><br><b><u>(C-06, G-02 and SL)</u></b><br>(b) | <b>Industrial Group</b><br><b><u>(B-32, B-62, G-32, G-62, X-01)</u></b><br>(c) |
|---|---------------------------------|--|---|--|
| <b><u>Section 1: Variable Standard Offer Service Charges, ¢/kWh</u></b> |                                 |  |   |  |
| (1)   | July 2012                       | n/a  | 5.993   | 4.446  |
| (2)   | August 2012                     | n/a  | 5.959   | 4.447  |
| (3)   | September 2012                  | n/a  | 5.590   | 4.507  |
| (4)   | October 2012                    | n/a  | 5.646   | n/a  |
| (5)   | November 2012                   | n/a  | 5.866   | n/a  |
| (6)   | December 2012                   | n/a  | 6.846   | n/a  |
| <b><u>Section 2: Fixed Standard Offer Service Charge, ¢/kWh</u></b>     |                                 |  |   |  |
| (7)   | July 2012 through December 2012 | 6.674  | 5.969   | n/a  |

Column Notes:

- (a) Page 3, Line 14
- (b) Page 4, Line 14
- (c) Page 5, Line 4

**Narragansett Electric Company**  
**d/b/a National Grid**  
Residential Group Standard Offer Service Charge  
(Rates A-16 and A-60 )  
Based on Weighted Average Effective Standard Offer Service Prices  
July 2012 through December 2012

**Section 1: Percentage of Residential Customer kWhs Attributable to Standard Offer Service**

|     |  |             |
|-----|--|-------------|
| (1) | Residential Group Standard Offer Service kWhs - April 2012                                     | 222,863,340 |
| (2) | Total Residential Group kWhs - April 2012  | 225,906,748 |
| (3) | Percentage of Residential Group Standard Offer Service kWhs to Total Residential Customer kWhs | 98.65%      |

**Section 2: Projected Residential Group Standard Offer Service kWhs**

|     |   | 2012<br><u>July</u><br>(a) | <u>August</u><br>(b) | <u>September</u><br>(c) | <u>October</u><br>(d) | <u>November</u><br>(e) | <u>December</u><br>(f) | <u>Total</u><br>(g) |
|-----|---|----------------------------|----------------------|-------------------------|-----------------------|------------------------|------------------------|---------------------|
| (4) | Projected Total Company Residential Group kWhs          | 298,639,787                | 316,441,598          | 282,530,959             | 229,664,141           | 219,804,439            | 262,866,944            | 1,609,947,867       |
| (5) | Customer kWhs   | <u>98.65%</u>              | <u>98.65%</u>        | <u>98.65%</u>           | <u>98.65%</u>         | <u>98.65%</u>          | <u>98.65%</u>          |                     |
| (6) | Projected Residential Group Standard Offer Service kWhs | 294,608,150                | 312,169,636          | 278,716,791             | 226,563,675           | 216,837,079            | 259,318,241            | 1,588,213,571       |

**Section 3: Weighted Average Residential Group Standard Offer Service Charge**

|      |   |                  |                  |                  |                  |                  |                  |                      |
|------|---|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|
| (7)  | Projected Residential Group Standard Offer Service kWhs                         | 294,608,150      | 312,169,636      | 278,716,791      | 226,563,675      | 216,837,079      | 259,318,241      | 1,588,213,571        |
| (8)  | Estimated Residential Group Standard Offer Service Price per kWh                | \$0.06453        | \$0.06555        | \$0.06124        | \$0.06407        | \$0.06506        | \$0.07196        |                      |
| (9)  | Projected Residential Group Standard Offer Service Cost                         | \$19,011,820     | \$20,464,144     | \$17,069,650     | \$14,517,026     | \$14,107,312     | \$18,659,675     | <u>\$103,829,627</u> |
| (10) | Weighted Average Residential Group Base Standard Offer Service Charge           |                  |                  |                  |                  |                  |                  | \$0.06537            |
| (11) | Monthly and Weighted Average Standard Offer Service Base Price per kWh          | \$0.06453        | \$0.06555        | \$0.06124        | \$0.06407        | \$0.06506        | \$0.07196        | \$0.06537            |
| (12) | Standard Offer Service Administrative Cost Factor                               | \$0.00121        | \$0.00121        | \$0.00121        | \$0.00121        | \$0.00121        | \$0.00121        | \$0.00121            |
| (13) | Standard Offer Adjustment Factor  | <u>\$0.00016</u> | <u>\$0.00016</u> | <u>\$0.00016</u> | <u>\$0.00016</u> | <u>\$0.00016</u> | <u>\$0.00016</u> | <u>\$0.00016</u>     |
| (14) | Total Estimated Residential Group Standard Offer Service Price per kWh          | \$0.06590        | \$0.06692        | \$0.06261        | \$0.06544        | \$0.06643        | \$0.07333        | \$0.06674            |
| (15) | Currently Effective Residential Group Standard Offer Service Charge             |                  |                  |                  |                  |                  |                  | \$0.07629            |
| (16) | Proposed Increase/(Decrease) to Residential Group Standard Offer Service Charge |                  |                  |                  |                  |                  |                  | (\$0.00955)          |

Line Descriptions:

- (1) Per Company revenue reports (Rates A-16 and A-60) - April 2012
- (2) Per Company revenue reports (Rates A-16 and A-60) - April 2012
- (3) Line (1) ÷ Line (2), rounded to four decimal places
- (4) Per Company forecast for Residential Group rates
- (5) Line (3)
- (6) Line (4) x Line (5)
- (7) Line (6)
- (8) Attachment 1, Page 1
- (9) Line (7) x Line (8)
- (10) Line (9) total ÷ Line (7) total, truncated after 5 decimal places
- (11) Line (8) for monthly prices and Line (10) for weighted average price
- (12) Per current tariff
- (13) Per current tariff
- (14) Line (11) + Line (12) + Line (13)
- (15) Per current tariff
- (16) Line (14) total - Line (15)



**Narragansett Electric Company**  
**d/b/a National Grid**  
Commercial Group Standard Offer Service Charge  
(Rates C-06, G-02 and SL)  
Based on Weighted Average Effective Standard Offer Service Prices  
July 2012 through December 2012

**Section 1: Percentage of Commercial Group kWhs Attributable to Standard Offer Service**

|     |  |             |
|-----|--|-------------|
| (1) | Commercial Group Standard Offer Service kWhs - April 2012                                    | 98,887,996  |
| (2) | Total Commercial Group kWhs - April 2012   | 154,066,013 |
| (3) | Percentage of Commercial Group Standard Offer Service kWhs to Total Commercial Customer kWhs | 64.19%      |

**Section 2: Projected Commercial Group Standard Offer Service kWhs**

|     | 2012   |               |                  |                |                 |                 |               |
|-----|--|---------------|------------------|----------------|-----------------|-----------------|---------------|
|     | <u>July</u>  | <u>August</u> | <u>September</u> | <u>October</u> | <u>November</u> | <u>December</u> | <u>Total</u>  |
|     | (a)  | (b)           | (c)              | (d)            | (e)             | (f)             | (g)           |
| (4) | Projected Total Company Commercial Group kWhs          | 182,961,464   | 191,380,498      | 177,505,833    | 160,571,642     | 152,035,611     | 1,016,644,433 |
| (5) | Customer kWhs  | <u>64.19%</u> | <u>64.19%</u>    | <u>64.19%</u>  | <u>64.19%</u>   | <u>64.19%</u>   |               |
| (6) | Projected Commercial Group Standard Offer Service kWhs | 117,442,964   | 122,847,142      | 113,940,994    | 103,070,937     | 97,591,659      | 652,584,062   |

**Section 3: Weighted Average Commercial Group Standard Offer Service Charge**

|      |  |                  |                  |                  |                  |                  |                  |                     |
|------|--|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|
| (7)  | Projected Commercial Group Standard Offer Service kWhs                         | 117,442,964      | 122,847,142      | 113,940,994      | 103,070,937      | 97,591,659       | 97,690,366       | 652,584,062         |
| (8)  | Estimated Commercial Group Standard Offer Service Price per kWh                | \$0.05694        | \$0.05660        | \$0.05291        | \$0.05347        | \$0.05567        | \$0.06547        |                     |
| (9)  | Projected Commercial Group Standard Offer Service Cost                         | \$6,686,980      | \$6,952,638      | \$6,028,425      | \$5,511,011      | \$5,432,841      | \$6,396,035      | <u>\$37,007,930</u> |
| (10) | Weighted Average Commercial Group Base Standard Offer Service Charge           |                  |                  |                  |                  |                  |                  | \$0.05670           |
| (11) | Monthly and Weighted Average Standard Offer Service Base Price per kWh         | \$0.05694        | \$0.05660        | \$0.05291        | \$0.05347        | \$0.05567        | \$0.06547        | \$0.05670           |
| (12) | Standard Offer Service Administrative Cost Factor                              | \$0.00115        | \$0.00115        | \$0.00115        | \$0.00115        | \$0.00115        | \$0.00115        | \$0.00115           |
| (13) | Standard Offer Adjustment Factor   | <u>\$0.00184</u> | <u>\$0.00184</u> | <u>\$0.00184</u> | <u>\$0.00184</u> | <u>\$0.00184</u> | <u>\$0.00184</u> | <u>\$0.00184</u>    |
| (14) | Total Estimated Standard Offer Service Price per kWh                           | \$0.05993        | \$0.05959        | \$0.05590        | \$0.05646        | \$0.05866        | \$0.06846        | \$0.05969           |
| (15) | Currently Effective Commercial Group Standard Offer Service Charge             |                  |                  |                  |                  |                  |                  | \$0.07556           |
| (16) | Proposed Increase/(Decrease) to Commercial Group Standard Offer Service Charge |                  |                  |                  |                  |                  |                  | (\$0.01587)         |

Line Descriptions:

|     |  |      |  |
|-----|--|------|--|
| (1) | Per Company revenue reports (Rates C-06, G-02 and SL) - April 2012 | (9)  | Line (7) x Line (8)  |
| (2) | Per Company revenue reports (Rates C-06, G-02 and SL) - April 2012 | (10) | Line (9) total ÷ Line (7) total, truncated after 5 decimal places    |
| (3) | Line (1) ÷ Line (2), rounded to four decimal places                | (11) | Line (8) for monthly prices and Line (10) for weighted average price |
| (4) | Per Company forecast for Commercial Group rates                    | (12) | Per current tariff   |
| (5) | Line (3)   | (13) | Per current tariff   |
| (6) | Line (4) x Line (5)  | (14) | Line (11) + Line (12) + Line (13)                                    |
| (7) | Line (6)   | (15) | Per current tariff   |
| (8) | Attachment 1, Page 1   | (16) | Line (14) total - Line (15)  |

**Narragansett Electric Company**  
**d/b/a National Grid**  
Industrial Group Standard Offer Service Charge  
(Rates B-32, B-62, G-32, G-62, and X-01)  
July 2012 through September 2012

**Section 1: Industrial Group Standard Offer Service Charge**

|     |   | <u>Proposed Rates</u> |                    |                       |
|-----|---|-----------------------|--------------------|-----------------------|
|     |   | <u>July 2012</u>      | <u>August 2012</u> | <u>September 2012</u> |
| (1) | Industrial Group Standard Offer Service Price per kWh       | \$0.04678             | \$0.04679          | \$0.04739             |
| (2) | Standard Offer Service Administrative Cost Factor           | \$0.00100             | \$0.00100          | \$0.00100             |
| (3) | Standard Offer Adjustment Factor                            | <u>(\$0.00332)</u>    | <u>(\$0.00332)</u> | <u>(\$0.00332)</u>    |
| (4) | Total Industrial Group Standard Offer Service Price per kWh | \$0.04446             | \$0.04447          | \$0.04507             |

Line Descriptions:

- (1) Attachment 1, Page 1
- (2) per current tariff
- (3) per current tariff
- (4) Sum of Lines (1) through (3)



THE NARRAGANSETT ELECTRIC COMPANY  
Summary of Rates  
Standard Offer Service

|  | Standard<br>Offer<br>Base Charge (1) | Standard<br>Offer<br>Adjustment (2) | Standard Offer<br>Service Admin.<br>Cost Factor (3) | Total<br>Commodity<br>Charges<br>D=A+B+C | Renewable<br>Energy Standard<br>Charge (4) |
|--|--------------------------------------|-------------------------------------|---|--|--|
|  | A                                    | B                                   | C   | D=A+B+C                                  | E  |
| <b>Residential Group</b> A-16, A-60  |                                      |                                     |   |  |  |
| July 1, 2012   | \$0.06537                            | \$0.00016                           | \$0.00121   | \$0.06674                                | \$0.00253                                  |
| August 1, 2012   | \$0.06537                            | \$0.00016                           | \$0.00121   | \$0.06674                                | \$0.00253                                  |
| September 1, 2012  | \$0.06537                            | \$0.00016                           | \$0.00121   | \$0.06674                                | \$0.00253                                  |
| October 1, 2012  | \$0.06537                            | \$0.00016                           | \$0.00121   | \$0.06674                                | \$0.00253                                  |
| November 1, 2012   | \$0.06537                            | \$0.00016                           | \$0.00121   | \$0.06674                                | \$0.00253                                  |
| December 1, 2012   | \$0.06537                            | \$0.00016                           | \$0.00121   | \$0.06674                                | \$0.00253                                  |
| <i>Effective Date of Last Rate Change:</i>   | <i>07/01/12</i>                      | <i>04/01/12</i>                     | <i>04/01/12</i>                                     |  | <i>04/01/12</i>                            |
| <b>Commercial Group</b> C-06, G-02, S-06, S-10, S-14   |                                      |                                     |   |  |  |
| Variable Price Option:   |                                      |                                     |   |  |  |
| July 1, 2012   | \$0.05694                            | \$0.00184                           | \$0.00115   | \$0.05993                                | \$0.00253                                  |
| August 1, 2012   | \$0.05660                            | \$0.00184                           | \$0.00115   | \$0.05959                                | \$0.00253                                  |
| September 1, 2012  | \$0.05291                            | \$0.00184                           | \$0.00115   | \$0.05590                                | \$0.00253                                  |
| October 1, 2012  | \$0.05347                            | \$0.00184                           | \$0.00115   | \$0.05646                                | \$0.00253                                  |
| November 1, 2012   | \$0.05567                            | \$0.00184                           | \$0.00115   | \$0.05866                                | \$0.00253                                  |
| December 1, 2012   | \$0.06547                            | \$0.00184                           | \$0.00115   | \$0.06846                                | \$0.00253                                  |
| <i>Effective Date of Last Rate Change:</i>   | <i>07/01/12</i>                      | <i>04/01/12</i>                     | <i>04/01/12</i>                                     |  | <i>04/01/12</i>                            |
| Fixed Price Option:  |                                      |                                     |   |  |  |
| July 1, 2012   | \$0.05670                            | \$0.00184                           | \$0.00115   | \$0.05969                                | \$0.00253                                  |
| August 1, 2012   | \$0.05670                            | \$0.00184                           | \$0.00115   | \$0.05969                                | \$0.00253                                  |
| September 1, 2012  | \$0.05670                            | \$0.00184                           | \$0.00115   | \$0.05969                                | \$0.00253                                  |
| October 1, 2012  | \$0.05670                            | \$0.00184                           | \$0.00115   | \$0.05969                                | \$0.00253                                  |
| November 1, 2012   | \$0.05670                            | \$0.00184                           | \$0.00115   | \$0.05969                                | \$0.00253                                  |
| December 1, 2012   | \$0.05670                            | \$0.00184                           | \$0.00115   | \$0.05969                                | \$0.00253                                  |
| <i>Effective Date of Last Rate Change:</i>   | <i>07/01/12</i>                      | <i>04/01/12</i>                     | <i>04/01/12</i>                                     |  | <i>04/01/12</i>                            |
| <b>Industrial Group</b> B-32, G-32, B-62, G-62, X-01   |                                      |                                     |   |  |  |
| July 1, 2012   | \$0.04678                            | (\$0.00332)                         | \$0.00100   | \$0.04446                                | \$0.00253                                  |
| August 1, 2012   | \$0.04679                            | (\$0.00332)                         | \$0.00100   | \$0.04447                                | \$0.00253                                  |
| September 1, 2012  | \$0.04739                            | (\$0.00332)                         | \$0.00100   | \$0.04507                                | \$0.00253                                  |
| <i>Effective Date of Last Rate Change:</i>   | <i>07/01/12</i>                      | <i>04/01/12</i>                     | <i>04/01/12</i>                                     |  | <i>04/01/12</i>                            |
| Market Price Adjustment / Billing Adjustment When Leaving Standard Offer Service - applicable only to Residential Group and Commercial Group with Fixed Price Option |                                      |                                     |   |  |  |
| <b>Residential Group</b>   |                                      |                                     |   |  |  |
| July 1, 2012   | \$0.06453                            | \$0.00016                           | \$0.00121   | \$0.06590                                |  |
| August 1, 2012   | \$0.06555                            | \$0.00016                           | \$0.00121   | \$0.06692                                |  |
| September 1, 2012  | \$0.06124                            | \$0.00016                           | \$0.00121   | \$0.06261                                |  |
| October 1, 2012  | \$0.06407                            | \$0.00016                           | \$0.00121   | \$0.06544                                |  |
| November 1, 2012   | \$0.06506                            | \$0.00016                           | \$0.00121   | \$0.06643                                |  |
| December 1, 2012   | \$0.07196                            | \$0.00016                           | \$0.00121   | \$0.07333                                |  |
| <b>Commercial Group</b>  |                                      |                                     |   |  |  |
| July 1, 2012   | \$0.05694                            | \$0.00184                           | \$0.00115   | \$0.05993                                |  |
| August 1, 2012   | \$0.05660                            | \$0.00184                           | \$0.00115   | \$0.05959                                |  |
| September 1, 2012  | \$0.05291                            | \$0.00184                           | \$0.00115   | \$0.05590                                |  |
| October 1, 2012  | \$0.05347                            | \$0.00184                           | \$0.00115   | \$0.05646                                |  |
| November 1, 2012   | \$0.05567                            | \$0.00184                           | \$0.00115   | \$0.05866                                |  |
| December 1, 2012   | \$0.06547                            | \$0.00184                           | \$0.00115   | \$0.06846                                |  |

*Taxes and other rate clauses apply as usual and will appear on customer bills as applicable.*

Column Descriptions:

A. Base charges in compliance with the Standard Offer Service/Renewable Energy Standard 2012 Procurement Plan, R.I.P.U.C. Docket No. 4227

B. per R.I.P.U.C. Docket No. 2097, Standard Offer Service Adjustment Provision

C. per R.I.P.U.C. Docket No. 2097, Standard Offer Service Adjustment Provision

D. Column (A) + Column (B) + Column (C)

E. The Renewable Standard Energy Charge is collected from SOS customers for the purpose of acquiring a portion of Rhode Island's energy supply from renewable energy resources, as required by R.I. General Laws section 39-26-1.



File: S:\RADATA\1\2012 neco\Standard Offer Rate Filings\2012-05\Typical Bills.XLS\Input Section

Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to A-16 Rate Customers

| Monthly kWh | Present Rates |                |          | Proposed Rates |                |          | Increase/(Decrease) |            | Percentage of Custs |
|-------------|---------------|----------------|----------|----------------|----------------|----------|---------------------|------------|---------------------|
|             | Total         | Standard Offer | Delivery | Total          | Standard Offer | Delivery | Amount              | % of Total |                     |
| 150         | \$26.88       | \$12.32        | \$14.56  | \$25.38        | \$10.82        | \$14.56  | -\$1.50             | -5.6%      | 13.7%               |
| 300         | \$48.98       | \$24.63        | \$24.35  | \$46.00        | \$21.65        | \$24.35  | -\$2.98             | -6.1%      | 17.5%               |
| 400         | \$63.72       | \$32.84        | \$30.88  | \$59.74        | \$28.86        | \$30.88  | -\$3.98             | -6.2%      | 11.8%               |
| 500         | \$78.45       | \$41.05        | \$37.40  | \$73.49        | \$36.08        | \$37.41  | -\$4.96             | -6.3%      | 10.8%               |
| 600         | \$93.19       | \$49.26        | \$43.93  | \$87.22        | \$43.29        | \$43.93  | -\$5.97             | -6.4%      | 9.4%                |
| 700         | \$107.92      | \$57.47        | \$50.45  | \$100.97       | \$50.51        | \$50.46  | -\$6.95             | -6.4%      | 7.7%                |
| 1,000       | \$152.13      | \$82.10        | \$70.03  | \$142.19       | \$72.16        | \$70.03  | -\$9.94             | -6.5%      | 15.0%               |
| 2,000       | \$299.50      | \$164.21       | \$135.29 | \$279.60       | \$144.31       | \$135.29 | -\$19.90            | -6.6%      | 14.1%               |

Present

|                                      |       |           |
|--------------------------------------|-------|-----------|
| Customer Charge                      |       | \$3.75    |
| LIHEAP Charge                        |       | \$0.83    |
| Transmission Energy Charge           | kWh x | \$0.01942 |
| Distribution Energy Charge           | kWh x | \$0.03631 |
| Transition Energy Charge             | kWh x | \$0.00063 |
| Energy Efficiency Program Charge     | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge | kWh x | \$0.00007 |
| Gross Earnings Tax                   |       | 4.00%     |
| Standard Offer Charge (1)            | kWh x | \$0.07882 |

Proposed

|                                      |       |           |
|--------------------------------------|-------|-----------|
| Customer Charge                      |       | \$3.75    |
| LIHEAP Charge                        |       | \$0.83    |
| Transmission Energy Charge           | kWh x | \$0.01942 |
| Distribution Energy Charge           | kWh x | \$0.03631 |
| Transition Energy Charge             | kWh x | \$0.00063 |
| Energy Efficiency Program Charge     | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge | kWh x | \$0.00007 |
| Gross Earnings Tax                   |       | 4.00%     |
| Standard Offer Charge (2)            | kWh x | \$0.06927 |

Note (1): Includes Standard Offer Service Charge of \$0.07492/kWh, Standard Offer Adjustment Factor of \$0.00016/kWh, Standard Offer Service Administrative Cost Factor of \$0.00121/kWh, and Renewable Energy Standard Charge of \$0.00253/kWh

Note (2): Includes Proposed Standard Offer Service Charge of \$0.06537/kWh, Standard Offer Adjustment Factor of \$0.00016/kWh, Standard Offer Service Administrative Cost Factor of \$0.00121/kWh, and Renewable Energy Standard Charge of \$0.00253/kWh

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Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to A-60 Rate Customers

| Monthly kWh | Present Rates |                |          | Proposed Rates |                |          | Increase/(Decrease) |            | Percentage of Custs |
|-------------|---------------|----------------|----------|----------------|----------------|----------|---------------------|------------|---------------------|
|             | Total         | Standard Offer | Delivery | Total          | Standard Offer | Delivery | Amount              | % of Total |                     |
| 150         | \$20.84       | \$12.32        | \$8.52   | \$19.34        | \$10.82        | \$8.52   | -\$1.50             | -7.2%      | 10.7%               |
| 300         | \$40.80       | \$24.63        | \$16.17  | \$37.82        | \$21.65        | \$16.17  | -\$2.98             | -7.3%      | 23.2%               |
| 400         | \$54.11       | \$32.84        | \$21.27  | \$50.13        | \$28.86        | \$21.27  | -\$3.98             | -7.4%      | 14.9%               |
| 500         | \$67.42       | \$41.05        | \$26.37  | \$62.45        | \$36.08        | \$26.37  | -\$4.97             | -7.4%      | 12.2%               |
| 600         | \$80.73       | \$49.26        | \$31.47  | \$74.76        | \$43.29        | \$31.47  | -\$5.97             | -7.4%      | 9.6%                |
| 700         | \$94.04       | \$57.47        | \$36.57  | \$87.08        | \$50.51        | \$36.57  | -\$6.96             | -7.4%      | 7.3%                |
| 1,000       | \$133.98      | \$82.10        | \$51.88  | \$124.04       | \$72.16        | \$51.88  | -\$9.94             | -7.4%      | 12.3%               |
| 2000        | \$267.10      | \$164.21       | \$102.89 | \$247.20       | \$144.31       | \$102.89 | -\$19.90            | -7.5%      | 9.8%                |

Present

|                                      |       |           |
|--------------------------------------|-------|-----------|
| Customer Charge                      |       | \$0.00    |
| LIHEAP Charge                        |       | \$0.83    |
| Transmission Energy Charge           | kWh x | \$0.01942 |
| Distribution Energy Charge           | kWh x | \$0.02263 |
| Transition Energy Charge             | kWh x | \$0.00063 |
| Energy Efficiency Program Charge     | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge | kWh x | \$0.00007 |
| Gross Earnings Tax                   |       | 4.00%     |
| Standard Offer Charge (1)            | kWh x | \$0.07882 |

Proposed

|                                      |       |           |
|--------------------------------------|-------|-----------|
| Customer Charge                      |       | \$0.00    |
| LIHEAP Charge                        |       | \$0.83    |
| Transmission Energy Charge           | kWh x | \$0.01942 |
| Distribution Energy Charge           | kWh x | \$0.02263 |
| Transition Energy Charge             | kWh x | \$0.00063 |
| Energy Efficiency Program Charge     | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge | kWh x | \$0.00007 |
| Gross Earnings Tax                   |       | 4.00%     |
| Standard Offer Charge (2)            | kWh x | \$0.06927 |

Note (1): Includes Standard Offer Service Charge of \$0.07492/kWh, Standard Offer Adjustment Factor of \$0.00016/kWh, Standard Offer Service Administrative Cost Factor of \$0.00121/kWh, and Renewable Energy Standard Charge of \$0.00253/kWh

Note (2): Includes Proposed Standard Offer Service Charge of \$0.06537/kWh, Standard Offer Adjustment Factor of \$0.00016/kWh, Standard Offer Service Administrative Cost Factor of \$0.00121/kWh, and Renewable Energy Standard Charge of \$0.00253/kWh

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Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to C-06 Rate Customers

| Monthly<br>kWh | Present Rates |                   |          | Proposed Rates |                   |          | Increase/(Decrease) |            | Percentage<br>of Custs |
|----------------|---------------|-------------------|----------|----------------|-------------------|----------|---------------------|------------|------------------------|
|                | Total         | Standard<br>Offer | Delivery | Total          | Standard<br>Offer | Delivery | Amount              | % of Total |                        |
| 250            | \$45.18       | \$20.34           | \$24.84  | \$41.04        | \$16.20           | \$24.84  | -\$4.14             | -9.2%      | 35.2%                  |
| 500            | \$81.15       | \$40.67           | \$40.48  | \$72.89        | \$32.41           | \$40.48  | -\$8.26             | -10.2%     | 17.0%                  |
| 1,000          | \$153.10      | \$81.34           | \$71.76  | \$136.57       | \$64.81           | \$71.76  | -\$16.53            | -10.8%     | 19.0%                  |
| 1,500          | \$225.06      | \$122.02          | \$103.04 | \$200.26       | \$97.22           | \$103.04 | -\$24.80            | -11.0%     | 9.8%                   |
| 2,000          | \$297.01      | \$162.69          | \$134.32 | \$263.95       | \$129.63          | \$134.32 | -\$33.06            | -11.1%     | 19.1%                  |

Present

|                                      |       |           |
|--------------------------------------|-------|-----------|
| Customer Charge                      |       | \$8.00    |
| LIHEAP Charge                        |       | \$0.83    |
| Transmission Energy Charge           | kWh x | \$0.01838 |
| Distribution Energy Charge           | kWh x | \$0.03476 |
| Transition Energy Charge             | kWh x | \$0.00063 |
| Energy Efficiency Program Charge     | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge | kWh x | \$0.00007 |
| Gross Earnings Tax                   |       | 4.00%     |
| Standard Offer Charge (1)            | kWh x | \$0.07809 |

Proposed

|                                      |       |           |
|--------------------------------------|-------|-----------|
| Customer Charge                      |       | \$8.00    |
| LIHEAP Charge                        |       | \$0.83    |
| Transmission Energy Charge           | kWh x | \$0.01838 |
| Distribution Energy Charge           | kWh x | \$0.03476 |
| Transition Energy Charge             | kWh x | \$0.00063 |
| Energy Efficiency Program Charge     | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge | kWh x | \$0.00007 |
| Gross Earnings Tax                   |       | 4.00%     |
| Standard Offer Charge (2)            | kWh x | \$0.06222 |

Note (1): Includes Standard Offer Charge of \$0.07257/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$0.00184/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115/kWh

Note (2): Includes Proposed Standard Offer Charge of \$0.05670/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$0.00184/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115/kWh



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Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to G-02 Rate Customers

Hours Use: 200

| Monthly Power |        | Present Rates |                |            | Proposed Rates |                |            | Increase/(Decrease) |            |
|---------------|--------|---------------|----------------|------------|----------------|----------------|------------|---------------------|------------|
| kW            | kWh    | Total         | Standard Offer | Delivery   | Total          | Standard Offer | Delivery   | Amount              | % of Total |
| 20            | 4,000  | \$657.70      | \$325.38       | \$332.32   | \$591.57       | \$259.25       | \$332.32   | (\$66.13)           | -10.1%     |
| 50            | 10,000 | \$1,522.33    | \$813.44       | \$708.89   | \$1,357.02     | \$648.13       | \$708.89   | (\$165.31)          | -10.9%     |
| 100           | 20,000 | \$2,963.37    | \$1,626.88     | \$1,336.49 | \$2,632.74     | \$1,296.25     | \$1,336.49 | (\$330.63)          | -11.2%     |
| 150           | 30,000 | \$4,404.40    | \$2,440.31     | \$1,964.09 | \$3,908.47     | \$1,944.38     | \$1,964.09 | (\$495.93)          | -11.3%     |

| <u>Present</u>                       |       |           | <u>Proposed</u>                      |       |           |
|--------------------------------------|-------|-----------|--------------------------------------|-------|-----------|
| Customer Charge                      |       | \$125.00  | Customer Charge                      |       | \$125.00  |
| LIHEAP Charge                        |       | \$0.83    | LIHEAP Charge                        |       | \$0.83    |
| Transmission Demand Charge           | kW x  | \$2.70    | Transmission Demand Charge           | kW x  | \$2.70    |
| Transmission Energy Charge           | kWh x | \$0.00835 | Transmission Energy Charge           | kWh x | \$0.00835 |
| Distribution Demand Charge-xcs 10 kW | kW x  | \$4.78    | Distribution Demand Charge-xcs 10 kW | kW x  | \$4.78    |
| Distribution Energy Charge           | kWh x | \$0.00758 | Distribution Energy Charge           | kWh x | \$0.00758 |
| Transition Energy Charge             | kWh x | \$0.00063 | Transition Energy Charge             | kWh x | \$0.00063 |
| Energy Efficiency Program Charge     | kWh x | \$0.00622 | Energy Efficiency Program Charge     | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge | kWh x | \$0.00007 | Renewable Energy Distribution Charge | kWh x | \$0.00007 |
| Gross Earnings Tax                   |       | 4.00%     | Gross Earnings Tax                   |       | 4.00%     |
| Standard Offer Charge (1)            | kWh x | \$0.07809 | Standard Offer Charge (2)            | kWh x | \$0.06222 |

Note (1): Includes Standard Offer Charge of \$0.07257/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$0.00184/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115/kWh

Note (2): Includes Proposed Standard Offer Charge of \$0.05670/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$0.00184/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115/kWh

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Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to G-02 Rate Customers

Hours Use: 300

| Monthly Power |        | Present Rates |                |            | Proposed Rates |                |            | Increase/(Decrease) |            |
|---------------|--------|---------------|----------------|------------|----------------|----------------|------------|---------------------|------------|
| kW            | kWh    | Total         | Standard Offer | Delivery   | Total          | Standard Offer | Delivery   | Amount              | % of Total |
| 20            | 6,000  | \$867.99      | \$488.06       | \$379.93   | \$768.81       | \$388.88       | \$379.93   | (\$99.18)           | -11.4%     |
| 50            | 15,000 | \$2,048.06    | \$1,220.16     | \$827.90   | \$1,800.09     | \$972.19       | \$827.90   | (\$247.97)          | -12.1%     |
| 100           | 30,000 | \$4,014.82    | \$2,440.31     | \$1,574.51 | \$3,518.89     | \$1,944.38     | \$1,574.51 | (\$495.93)          | -12.4%     |
| 150           | 45,000 | \$5,981.60    | \$3,660.47     | \$2,321.13 | \$5,237.69     | \$2,916.56     | \$2,321.13 | (\$743.91)          | -12.4%     |

| <u>Present</u>                       |       |           | <u>Proposed</u>                      |       |           |
|--------------------------------------|-------|-----------|--------------------------------------|-------|-----------|
| Customer Charge                      |       | \$125.00  | Customer Charge                      |       | \$125.00  |
| LIHEAP Charge                        |       | \$0.83    | LIHEAP Charge                        |       | \$0.83    |
| Transmission Demand Charge           | kW x  | \$2.70    | Transmission Demand Charge           | kW x  | \$2.70    |
| Transmission Energy Charge           | kWh x | \$0.00835 | Transmission Energy Charge           | kWh x | \$0.00835 |
| Distribution Demand Charge-xcs 10 kW | kW x  | \$4.78    | Distribution Demand Charge-xcs 10 kW | kW x  | \$4.78    |
| Distribution Energy Charge           | kWh x | \$0.00758 | Distribution Energy Charge           | kWh x | \$0.00758 |
| Transition Energy Charge             | kWh x | \$0.00063 | Transition Energy Charge             | kWh x | \$0.00063 |
| Energy Efficiency Program Charge     | kWh x | \$0.00622 | Energy Efficiency Program Charge     | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge | kWh x | \$0.00007 | Renewable Energy Distribution Charge | kWh x | \$0.00007 |
| Gross Earnings Tax                   |       | 4.00%     | Gross Earnings Tax                   |       | 4.00%     |
| Standard Offer Charge (1)            | kWh x | \$0.07809 | Standard Offer Charge (2)            | kWh x | \$0.06222 |

Note (1): Includes Standard Offer Charge of \$0.07257/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$0.00184/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115/kWh

Note (2): Includes Proposed Standard Offer Charge of \$0.05670/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$0.00184/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115/kWh

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Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to G-02 Rate Customers

Hours Use: 400

| Monthly Power |        | Present Rates |                |            | Proposed Rates |                |            | Increase/(Decrease) |            |
|---------------|--------|---------------|----------------|------------|----------------|----------------|------------|---------------------|------------|
| kW            | kWh    | Total         | Standard Offer | Delivery   | Total          | Standard Offer | Delivery   | Amount              | % of Total |
| 20            | 8,000  | \$1,078.28    | \$650.75       | \$427.53   | \$946.03       | \$518.50       | \$427.53   | (\$132.25)          | -12.3%     |
| 50            | 20,000 | \$2,573.79    | \$1,626.88     | \$946.91   | \$2,243.16     | \$1,296.25     | \$946.91   | (\$330.63)          | -12.8%     |
| 100           | 40,000 | \$5,066.28    | \$3,253.75     | \$1,812.53 | \$4,405.03     | \$2,592.50     | \$1,812.53 | (\$661.25)          | -13.1%     |
| 150           | 60,000 | \$7,558.79    | \$4,880.63     | \$2,678.16 | \$6,566.91     | \$3,888.75     | \$2,678.16 | (\$991.88)          | -13.1%     |

| <u>Present</u>                       |       |           | <u>Proposed</u>                      |       |           |
|--------------------------------------|-------|-----------|--------------------------------------|-------|-----------|
| Customer Charge                      |       | \$125.00  | Customer Charge                      |       | \$125.00  |
| LIHEAP Charge                        |       | \$0.83    | LIHEAP Charge                        |       | \$0.83    |
| Transmission Demand Charge           | kW x  | \$2.70    | Transmission Demand Charge           | kW x  | \$2.70    |
| Transmission Energy Charge           | kWh x | \$0.00835 | Transmission Energy Charge           | kWh x | \$0.00835 |
| Distribution Demand Charge-xcs 10 kW | kW x  | \$4.78    | Distribution Demand Charge-xcs 10 kW | kW x  | \$4.78    |
| Distribution Energy Charge           | kWh x | \$0.00758 | Distribution Energy Charge           | kWh x | \$0.00758 |
| Transition Energy Charge             | kWh x | \$0.00063 | Transition Energy Charge             | kWh x | \$0.00063 |
| Energy Efficiency Program Charge     | kWh x | \$0.00622 | Energy Efficiency Program Charge     | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge | kWh x | \$0.00007 | Renewable Energy Distribution Charge | kWh x | \$0.00007 |
| Gross Earnings Tax                   |       | 4.00%     | Gross Earnings Tax                   |       | 4.00%     |
| Standard Offer Charge (1)            | kWh x | \$0.07809 | Standard Offer Charge (2)            | kWh x | \$0.06222 |

Note (1): Includes Standard Offer Charge of \$0.07257/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$0.00184/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115/kWh

Note (2): Includes Proposed Standard Offer Charge of \$0.05670/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$0.00184/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115/kWh

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Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to G-02 Rate Customers

Hours Use: 500

| Monthly Power |        | Present Rates |                |            | Proposed Rates |                |            | Increase/(Decrease) |            |
|---------------|--------|---------------|----------------|------------|----------------|----------------|------------|---------------------|------------|
| kW            | kWh    | Total         | Standard Offer | Delivery   | Total          | Standard Offer | Delivery   | Amount              | % of Total |
| 20            | 10,000 | \$1,288.58    | \$813.44       | \$475.14   | \$1,123.27     | \$648.13       | \$475.14   | (\$165.31)          | -12.8%     |
| 50            | 25,000 | \$3,099.51    | \$2,033.59     | \$1,065.92 | \$2,686.23     | \$1,620.31     | \$1,065.92 | (\$413.28)          | -13.3%     |
| 100           | 50,000 | \$6,117.74    | \$4,067.19     | \$2,050.55 | \$5,291.18     | \$3,240.63     | \$2,050.55 | (\$826.56)          | -13.5%     |
| 150           | 75,000 | \$9,135.97    | \$6,100.78     | \$3,035.19 | \$7,896.13     | \$4,860.94     | \$3,035.19 | (\$1,239.84)        | -13.6%     |

Present

|                                      |       |           |
|--------------------------------------|-------|-----------|
| Customer Charge                      |       | \$125.00  |
| LIHEAP Charge                        |       | \$0.83    |
| Transmission Demand Charge           | kW x  | \$2.70    |
| Transmission Energy Charge           | kWh x | \$0.00835 |
| Distribution Demand Charge-xcs 10 kW | kW x  | \$4.78    |
| Distribution Energy Charge           | kWh x | \$0.00758 |
| Transition Energy Charge             | kWh x | \$0.00063 |
| Energy Efficiency Program Charge     | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge | kWh x | \$0.00007 |

Gross Earnings Tax 4.00%

Standard Offer Charge (1) kWh x \$0.07809

Proposed

|                                      |       |           |
|--------------------------------------|-------|-----------|
| Customer Charge                      |       | \$125.00  |
| LIHEAP Charge                        |       | \$0.83    |
| Transmission Demand Charge           | kW x  | \$2.70    |
| Transmission Energy Charge           | kWh x | \$0.00835 |
| Distribution Demand Charge-xcs 10 kW | kW x  | \$4.78    |
| Distribution Energy Charge           | kWh x | \$0.00758 |
| Transition Energy Charge             | kWh x | \$0.00063 |
| Energy Efficiency Program Charge     | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge | kWh x | \$0.00007 |

Gross Earnings Tax 4.00%

Standard Offer Charge (2) kWh x \$0.06222

Note (1): Includes Standard Offer Charge of \$0.07257/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$0.00184/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115/kWh

Note (2): Includes Proposed Standard Offer Charge of \$0.05670/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$0.00184/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115/kWh

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Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to G-02 Rate Customers

Hours Use: 600

| Monthly Power |        | Present Rates |                |            | Proposed Rates |                |            | Increase/(Decrease) |            |
|---------------|--------|---------------|----------------|------------|----------------|----------------|------------|---------------------|------------|
| kW            | kWh    | Total         | Standard Offer | Delivery   | Total          | Standard Offer | Delivery   | Amount              | % of Total |
| 20            | 12,000 | \$1,498.87    | \$976.13       | \$522.74   | \$1,300.49     | \$777.75       | \$522.74   | (\$198.38)          | -13.2%     |
| 50            | 30,000 | \$3,625.24    | \$2,440.31     | \$1,184.93 | \$3,129.31     | \$1,944.38     | \$1,184.93 | (\$495.93)          | -13.7%     |
| 100           | 60,000 | \$7,169.20    | \$4,880.63     | \$2,288.57 | \$6,177.32     | \$3,888.75     | \$2,288.57 | (\$991.88)          | -13.8%     |
| 150           | 90,000 | \$10,713.16   | \$7,320.94     | \$3,392.22 | \$9,225.35     | \$5,833.13     | \$3,392.22 | (\$1,487.81)        | -13.9%     |

| <u>Present</u>                       |       |           | <u>Proposed</u>                      |       |           |
|--------------------------------------|-------|-----------|--------------------------------------|-------|-----------|
| Customer Charge                      |       | \$125.00  | Customer Charge                      |       | \$125.00  |
| LIHEAP Charge                        |       | \$0.83    | LIHEAP Charge                        |       | \$0.83    |
| Transmission Demand Charge           | kW x  | \$2.70    | Transmission Demand Charge           | kW x  | \$2.70    |
| Transmission Energy Charge           | kWh x | \$0.00835 | Transmission Energy Charge           | kWh x | \$0.00835 |
| Distribution Demand Charge-xcs 10 kW | kW x  | \$4.78    | Distribution Demand Charge-xcs 10 kW | kW x  | \$4.78    |
| Distribution Energy Charge           | kWh x | \$0.00758 | Distribution Energy Charge           | kWh x | \$0.00758 |
| Transition Energy Charge             | kWh x | \$0.00063 | Transition Energy Charge             | kWh x | \$0.00063 |
| Energy Efficiency Program Charge     | kWh x | \$0.00622 | Energy Efficiency Program Charge     | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge | kWh x | \$0.00007 | Renewable Energy Distribution Charge | kWh x | \$0.00007 |
| Gross Earnings Tax                   |       | 4.00%     | Gross Earnings Tax                   |       | 4.00%     |
| Standard Offer Charge (1)            | kWh x | \$0.07809 | Standard Offer Charge (2)            | kWh x | \$0.06222 |

Note (1): Includes Standard Offer Charge of \$0.07257/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$0.00184/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115/kWh

Note (2): Includes Proposed Standard Offer Charge of \$0.05670/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$0.00184/kWh, and Standard Offer Service Administrative Cost Factor of \$0.00115/kWh

File: S:\RADATA\12012 neco\Standard Offer Rate Filings\2012-05\Typical Bills.XLS\Input Section

Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to G-32 Rate Customers

Hours Use: 200

| Monthly Power |         | Present Rates |                |             | Proposed Rates |                |             | Increase/(Decrease) |            |
|---------------|---------|---------------|----------------|-------------|----------------|----------------|-------------|---------------------|------------|
| kW            | kWh     | Total         | Standard Offer | Delivery    | Total          | Standard Offer | Delivery    | Amount              | % of Total |
| 200           | 40,000  | \$4,243.78    | \$1,924.58     | \$2,319.20  | \$4,285.45     | \$1,966.25     | \$2,319.20  | \$41.67             | 1.0%       |
| 750           | 150,000 | \$15,075.35   | \$7,217.19     | \$7,858.16  | \$15,231.60    | \$7,373.44     | \$7,858.16  | \$156.25            | 1.0%       |
| 1,000         | 200,000 | \$19,998.78   | \$9,622.92     | \$10,375.86 | \$20,207.11    | \$9,831.25     | \$10,375.86 | \$208.33            | 1.0%       |
| 1,500         | 300,000 | \$29,845.66   | \$14,434.38    | \$15,411.28 | \$30,158.16    | \$14,746.88    | \$15,411.28 | \$312.50            | 1.0%       |
| 2,500         | 500,000 | \$49,539.40   | \$24,057.29    | \$25,482.11 | \$50,060.24    | \$24,578.13    | \$25,482.11 | \$520.84            | 1.1%       |

Present

|                                       |       |           |
|---------------------------------------|-------|-----------|
| Customer Charge                       |       | \$750.00  |
| LIHEAP Charge                         |       | \$0.83    |
| Transmission Demand Charge            | kW x  | \$2.92    |
| Transmission Energy Charge            | kWh x | \$0.00646 |
| Distribution Demand Charge - > 200 kW | kW x  | \$2.29    |
| Distribution Energy Charge            | kWh x | \$0.00891 |
| Transition Energy Charge              | kWh x | \$0.00063 |
| Energy Efficiency Program Charge      | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge  | kWh x | \$0.00007 |

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.04619

Proposed

|                                       |       |           |
|---------------------------------------|-------|-----------|
| Customer Charge                       |       | \$750.00  |
| LIHEAP Charge                         |       | \$0.83    |
| Transmission Demand Charge            | kW x  | \$2.92    |
| Transmission Energy Charge            | kWh x | \$0.00646 |
| Distribution Demand Charge - > 200 kW | kW x  | \$2.29    |
| Distribution Energy Charge            | kWh x | \$0.00891 |
| Transition Energy Charge              | kWh x | \$0.00063 |
| Energy Efficiency Program Charge      | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge  | kW x  | \$0.00007 |

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.04719

Note (1): Includes a simple average of the April-2012 June-2012 Standard Offer Service Charge of \$0.04598/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh

Note (2): Includes a simple average of the April-2012 through June-2012 Standard Offer Service Charge of \$0.04698/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh

File: S:\RADATA\2012 neco\Standard Offer Rate Filings\2012-05\Typical Bills.XLS\Input Section

Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to G-32 Rate Customers

Hours Use: 300

| Monthly Power |         | Present Rates |                |             | Proposed Rates |                |             | Increase/(Decrease) |            |
|---------------|---------|---------------|----------------|-------------|----------------|----------------|-------------|---------------------|------------|
| kW            | kWh     | Total         | Standard Offer | Delivery    | Total          | Standard Offer | Delivery    | Amount              | % of Total |
| 200           | 60,000  | \$5,670.45    | \$2,886.88     | \$2,783.57  | \$5,732.95     | \$2,949.38     | \$2,783.57  | \$62.50             | 1.1%       |
| 750           | 225,000 | \$20,425.34   | \$10,825.78    | \$9,599.56  | \$20,659.72    | \$11,060.16    | \$9,599.56  | \$234.38            | 1.1%       |
| 1,000         | 300,000 | \$27,132.12   | \$14,434.38    | \$12,697.74 | \$27,444.62    | \$14,746.88    | \$12,697.74 | \$312.50            | 1.2%       |
| 1,500         | 450,000 | \$40,545.65   | \$21,651.56    | \$18,894.09 | \$41,014.40    | \$22,120.31    | \$18,894.09 | \$468.75            | 1.2%       |
| 2,500         | 750,000 | \$67,372.74   | \$36,085.94    | \$31,286.80 | \$68,153.99    | \$36,867.19    | \$31,286.80 | \$781.25            | 1.2%       |

| <u>Present</u>                        |       |           | <u>Proposed</u>                       |       |           |
|---------------------------------------|-------|-----------|---------------------------------------|-------|-----------|
| Customer Charge                       |       | \$750.00  | Customer Charge                       |       | \$750.00  |
| LIHEAP Charge                         |       | \$0.83    | LIHEAP Charge                         |       | \$0.83    |
| Transmission Demand Charge            | kW x  | \$2.92    | Transmission Demand Charge            | kW x  | \$2.92    |
| Transmission Energy Charge            | kWh x | \$0.00646 | Transmission Energy Charge            | kWh x | \$0.00646 |
| Distribution Demand Charge - > 200 kW | kW x  | \$2.29    | Distribution Demand Charge - > 200 kW | kW x  | \$2.29    |
| Distribution Energy Charge            | kWh x | \$0.00891 | Distribution Energy Charge            | kWh x | \$0.00891 |
| Transition Energy Charge              | kWh x | \$0.00063 | Transition Energy Charge              | kWh x | \$0.00063 |
| Energy Efficiency Program Charge      | kWh x | \$0.00622 | Energy Efficiency Program Charge      | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge  | kWh x | \$0.00007 | Renewable Energy Distribution Charge  | kWh x | \$0.00007 |
| Gross Earnings Tax                    |       | 4%        | Gross Earnings Tax                    |       | 4%        |
| Standard Offer Charge (1)             | kWh x | \$0.04619 | Standard Offer Charge (2)             | kWh x | \$0.04719 |

Note (1): Includes a simple average of the April-2012 June-2012 Standard Offer Service Charge of \$0.04598/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh

Note (2): Includes a simple average of the April-2012 through June-2012 Standard Offer Service Charge of \$0.04698/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh

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Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to G-32 Rate Customers

Hours Use: 400

| Monthly Power |           | Present Rates |                |             | Proposed Rates |                |             | Increase/(Decrease) |            |
|---------------|-----------|---------------|----------------|-------------|----------------|----------------|-------------|---------------------|------------|
| kW            | kWh       | Total         | Standard Offer | Delivery    | Total          | Standard Offer | Delivery    | Amount              | % of Total |
| 200           | 80,000    | \$7,097.12    | \$3,849.17     | \$3,247.95  | \$7,180.45     | \$3,932.50     | \$3,247.95  | \$83.33             | 1.2%       |
| 750           | 300,000   | \$25,775.35   | \$14,434.38    | \$11,340.97 | \$26,087.85    | \$14,746.88    | \$11,340.97 | \$312.50            | 1.2%       |
| 1,000         | 400,000   | \$34,265.44   | \$19,245.83    | \$15,019.61 | \$34,682.11    | \$19,662.50    | \$15,019.61 | \$416.67            | 1.2%       |
| 1,500         | 600,000   | \$51,245.66   | \$28,868.75    | \$22,376.91 | \$51,870.66    | \$29,493.75    | \$22,376.91 | \$625.00            | 1.2%       |
| 2,500         | 1,000,000 | \$85,206.07   | \$48,114.58    | \$37,091.49 | \$86,247.74    | \$49,156.25    | \$37,091.49 | \$1,041.67          | 1.2%       |

| <u>Present</u>                        |       |           | <u>Proposed</u>                       |       |           |
|---------------------------------------|-------|-----------|---------------------------------------|-------|-----------|
| Customer Charge                       |       | \$750.00  | Customer Charge                       |       | \$750.00  |
| LIHEAP Charge                         |       | \$0.83    | LIHEAP Charge                         |       | \$0.83    |
| Transmission Demand Charge            | kW x  | \$2.92    | Transmission Demand Charge            | kW x  | \$2.92    |
| Transmission Energy Charge            | kWh x | \$0.00646 | Transmission Energy Charge            | kWh x | \$0.00646 |
| Distribution Demand Charge - > 200 kW | kW x  | \$2.29    | Distribution Demand Charge - > 200 kW | kW x  | \$2.29    |
| Distribution Energy Charge            | kWh x | \$0.00891 | Distribution Energy Charge            | kWh x | \$0.00891 |
| Transition Energy Charge              | kWh x | \$0.00063 | Transition Energy Charge              | kWh x | \$0.00063 |
| Energy Efficiency Program Charge      | kWh x | \$0.00622 | Energy Efficiency Program Charge      | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge  | kWh x | \$0.00007 | Renewable Energy Distribution Charge  | kWh x | \$0.00007 |
| Gross Earnings Tax                    |       | 4%        | Gross Earnings Tax                    |       | 4%        |
| Standard Offer Charge (1)             | kWh x | \$0.04619 | Standard Offer Charge (2)             | kWh x | \$0.04719 |

Note (1): Includes a simple average of the April-2012 June-2012 Standard Offer Service Charge of \$0.04598/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh



File: S:\RADATA\2012 neco\Standard Offer Rate Filings\2012-05\Typical Bills.XLS\Input Section

Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to G-32 Rate Customers

Hours Use: 500

| Monthly Power |           | Present Rates |                |             | Proposed Rates |                |             | Increase/(Decrease) |            |
|---------------|-----------|---------------|----------------|-------------|----------------|----------------|-------------|---------------------|------------|
| kW            | kWh       | Total         | Standard Offer | Delivery    | Total          | Standard Offer | Delivery    | Amount              | % of Total |
| 200           | 100,000   | \$8,523.78    | \$4,811.46     | \$3,712.32  | \$8,627.95     | \$4,915.63     | \$3,712.32  | \$104.17            | 1.2%       |
| 750           | 375,000   | \$31,125.35   | \$18,042.97    | \$13,082.38 | \$31,515.97    | \$18,433.59    | \$13,082.38 | \$390.62            | 1.3%       |
| 1,000         | 500,000   | \$41,398.78   | \$24,057.29    | \$17,341.49 | \$41,919.62    | \$24,578.13    | \$17,341.49 | \$520.84            | 1.3%       |
| 1,500         | 750,000   | \$61,945.66   | \$36,085.94    | \$25,859.72 | \$62,726.91    | \$36,867.19    | \$25,859.72 | \$781.25            | 1.3%       |
| 2,500         | 1,250,000 | \$103,039.41  | \$60,143.23    | \$42,896.18 | \$104,341.49   | \$61,445.31    | \$42,896.18 | \$1,302.08          | 1.3%       |

| <u>Present</u>                        |       |           | <u>Proposed</u>                       |       |           |
|---------------------------------------|-------|-----------|---------------------------------------|-------|-----------|
| Customer Charge                       |       | \$750.00  | Customer Charge                       |       | \$750.00  |
| LIHEAP Charge                         |       | \$0.83    | LIHEAP Charge                         |       | \$0.83    |
| Transmission Demand Charge            | kW x  | \$2.92    | Transmission Demand Charge            | kW x  | \$2.92    |
| Transmission Energy Charge            | kWh x | \$0.00646 | Transmission Energy Charge            | kWh x | \$0.00646 |
| Distribution Demand Charge - > 200 kW | kW x  | \$2.29    | Distribution Demand Charge - > 200 kW | kW x  | \$2.29    |
| Distribution Energy Charge            | kWh x | \$0.00891 | Distribution Energy Charge            | kWh x | \$0.00891 |
| Transition Energy Charge              | kWh x | \$0.00063 | Transition Energy Charge              | kWh x | \$0.00063 |
| Energy Efficiency Program Charge      | kWh x | \$0.00622 | Energy Efficiency Program Charge      | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge  | kWh x | \$0.00007 | Renewable Energy Distribution Charge  | kWh x | \$0.00007 |
| Gross Earnings Tax                    |       | 4%        | Gross Earnings Tax                    |       | 4%        |
| Standard Offer Charge (1)             | kWh x | \$0.04619 | Standard Offer Charge (2)             | kWh x | \$0.04719 |

Note (1): Includes a simple average of the April-2012 June-2012 Standard Offer Service Charge of \$0.04598/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh

File: S:\RADATA\12012 neco\Standard Offer Rate Filings\2012-05\Typical Bills.XLS\Input Section

Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to G-32 Rate Customers

Hours Use: 600

| Monthly Power |           | Present Rates |                |             | Proposed Rates |                |             | Increase/(Decrease) |            |
|---------------|-----------|---------------|----------------|-------------|----------------|----------------|-------------|---------------------|------------|
| kW            | kWh       | Total         | Standard Offer | Delivery    | Total          | Standard Offer | Delivery    | Amount              | % of Total |
| 200           | 120,000   | \$9,950.45    | \$5,773.75     | \$4,176.70  | \$10,075.45    | \$5,898.75     | \$4,176.70  | \$125.00            | 1.3%       |
| 750           | 450,000   | \$36,475.34   | \$21,651.56    | \$14,823.78 | \$36,944.09    | \$22,120.31    | \$14,823.78 | \$468.75            | 1.3%       |
| 1,000         | 600,000   | \$48,532.11   | \$28,868.75    | \$19,663.36 | \$49,157.11    | \$29,493.75    | \$19,663.36 | \$625.00            | 1.3%       |
| 1,500         | 900,000   | \$72,645.66   | \$43,303.13    | \$29,342.53 | \$73,583.16    | \$44,240.63    | \$29,342.53 | \$937.50            | 1.3%       |
| 2,500         | 1,500,000 | \$120,872.74  | \$72,171.88    | \$48,700.86 | \$122,435.24   | \$73,734.38    | \$48,700.86 | \$1,562.50          | 1.3%       |

| <u>Present</u>                        |       |           | <u>Proposed</u>                       |       |           |
|---------------------------------------|-------|-----------|---------------------------------------|-------|-----------|
| Customer Charge                       |       | \$750.00  | Customer Charge                       |       | \$750.00  |
| LIHEAP Charge                         |       | \$0.83    | LIHEAP Charge                         |       | \$0.83    |
| Transmission Demand Charge            | kW x  | \$2.92    | Transmission Demand Charge            | kW x  | \$2.92    |
| Transmission Energy Charge            | kWh x | \$0.00646 | Transmission Energy Charge            | kWh x | \$0.00646 |
| Distribution Demand Charge - > 200 kW | kW x  | \$2.29    | Distribution Demand Charge - > 200 kW | kW x  | \$2.29    |
| Distribution Energy Charge            | kWh x | \$0.00891 | Distribution Energy Charge            | kWh x | \$0.00891 |
| Transition Energy Charge              | kWh x | \$0.00063 | Transition Energy Charge              | kWh x | \$0.00063 |
| Energy Efficiency Program Charge      | kWh x | \$0.00622 | Energy Efficiency Program Charge      | kWh x | \$0.00622 |
| Renewable Energy Distribution Charge  | kWh x | \$0.00007 | Renewable Energy Distribution Charge  | kWh x | \$0.00007 |
| Gross Earnings Tax                    |       | 4%        | Gross Earnings Tax                    |       | 4%        |
| Standard Offer Charge (1)             | kWh x | \$0.04619 | Standard Offer Charge (2)             | kWh x | \$0.04719 |

Note (1): Includes a simple average of the April-2012 June-2012 Standard Offer Service Charge of \$0.04598/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh

File: S:\RADATA\1\2012 neco\Standard Offer Rate Filings\2012-05\Typical Bills.XLS\Input Section

Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to G-62 Rate Customers

Hours Use: 200

| Monthly Power |           | Present Rates |                |              | Proposed Rates |                |              | Increase/(Decrease) |            |
|---------------|-----------|---------------|----------------|--------------|----------------|----------------|--------------|---------------------|------------|
| kW            | kWh       | Total         | Standard Offer | Delivery     | Total          | Standard Offer | Delivery     | Amount              | % of Total |
| 3,000         | 600,000   | \$73,590.45   | \$28,868.75    | \$44,721.70  | \$74,215.45    | \$29,493.75    | \$44,721.70  | \$625.00            | 0.8%       |
| 5,000         | 1,000,000 | \$110,844.61  | \$48,114.58    | \$62,730.03  | \$111,886.28   | \$49,156.25    | \$62,730.03  | \$1,041.67          | 0.9%       |
| 7,500         | 1,500,000 | \$157,412.33  | \$72,171.88    | \$85,240.45  | \$158,974.83   | \$73,734.38    | \$85,240.45  | \$1,562.50          | 1.0%       |
| 10,000        | 2,000,000 | \$203,980.03  | \$96,229.17    | \$107,750.86 | \$206,063.36   | \$98,312.50    | \$107,750.86 | \$2,083.33          | 1.0%       |
| 20,000        | 4,000,000 | \$390,250.86  | \$192,458.33   | \$197,792.53 | \$394,417.53   | \$196,625.00   | \$197,792.53 | \$4,166.67          | 1.1%       |

Present

|                                      |       |             |
|--------------------------------------|-------|-------------|
| Customer Charge                      |       | \$17,000.00 |
| LIHEAP Charge                        |       | \$0.83      |
| Transmission Demand Charge           | kW x  | \$2.92      |
| Transmission Energy Charge           | kWh x | \$0.00646   |
| Distribution Demand Charge           | kW x  | \$3.03      |
| Distribution Energy Charge           | kWh x | \$0.00009   |
| Transition Energy Charge             | kWh x | \$0.00063   |
| Energy Efficiency Program Charge     | kWh x | \$0.00622   |
| Renewable Energy Distribution Charge | kWh x | \$0.00007   |

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.04619

Proposed

|                                      |       |             |
|--------------------------------------|-------|-------------|
| Customer Charge                      |       | \$17,000.00 |
| LIHEAP Charge                        |       | \$0.83      |
| Transmission Demand Charge           | kW x  | \$2.92      |
| Transmission Energy Charge           | kWh x | \$0.00646   |
| Distribution Demand Charge           | kW x  | \$3.03      |
| Distribution Energy Charge           | kWh x | \$0.00009   |
| Transition Energy Charge             | kWh x | \$0.00063   |
| Energy Efficiency Program Charge     | kWh x | \$0.00622   |
| Renewable Energy Distribution Charge | kW x  | \$0.00007   |

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.04719

Note (1): Includes a simple average of the April-2012 June-2012 Standard Offer Service Charge of \$0.04598/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh

Note (2): Includes a simple average of the April-2012 through June-2012 Standard Offer Service Charge of \$0.04698/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh

File: S:\RADATA\1\2012 neco\Standard Offer Rate Filings\2012-05\Typical Bills.XLS\Input Section

Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to G-62 Rate Customers

Hours Use: 300

| Monthly Power |           | Present Rates |                |              | Proposed Rates |                |          | Increase/(Decrease) |            |
|---------------|-----------|---------------|----------------|--------------|----------------|----------------|----------|---------------------|------------|
| kW            | kWh       | Total         | Standard Offer | Delivery     | Total          | Standard Offer | Delivery | Amount              | % of Total |
| 3,000         | 900,000   | \$92,234.20   | \$43,303.13    | \$48,931.07  | \$93,171.70    | \$44,240.63    | 48,931   | \$937.50            | 1.0%       |
| 5,000         | 1,500,000 | \$141,917.54  | \$72,171.88    | \$69,745.66  | \$143,480.04   | \$73,734.38    | 69,746   | \$1,562.50          | 1.1%       |
| 7,500         | 2,250,000 | \$204,021.70  | \$108,257.81   | \$95,763.89  | \$206,365.45   | \$110,601.56   | 95,764   | \$2,343.75          | 1.1%       |
| 10,000        | 3,000,000 | \$266,125.86  | \$144,343.75   | \$121,782.11 | \$269,250.86   | \$147,468.75   | 121,782  | \$3,125.00          | 1.2%       |
| 20,000        | 6,000,000 | \$514,542.53  | \$288,687.50   | \$225,855.03 | \$520,792.53   | \$294,937.50   | 225,855  | \$6,250.00          | 1.2%       |

Present

|                                      |       |             |
|--------------------------------------|-------|-------------|
| Customer Charge                      |       | \$17,000.00 |
| LIHEAP Charge                        |       | \$0.83      |
| Transmission Demand Charge           | kW x  | \$2.92      |
| Transmission Energy Charge           | kWh x | \$0.00646   |
| Distribution Demand Charge           | kW x  | \$3.03      |
| Distribution Energy Charge           | kWh x | \$0.00009   |
| Transition Energy Charge             | kWh x | \$0.00063   |
| Energy Efficiency Program Charge     | kWh x | \$0.00622   |
| Renewable Energy Distribution Charge | kWh x | \$0.00007   |

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.04619

Proposed

|                                      |       |             |
|--------------------------------------|-------|-------------|
| Customer Charge                      |       | \$17,000.00 |
| LIHEAP Charge                        |       | \$0.83      |
| Transmission Demand Charge           | kW x  | \$2.92      |
| Transmission Energy Charge           | kWh x | \$0.00646   |
| Distribution Demand Charge           | kW x  | \$3.03      |
| Distribution Energy Charge           | kWh x | \$0.00009   |
| Transition Energy Charge             | kWh x | \$0.00063   |
| Energy Efficiency Program Charge     | kWh x | \$0.00622   |
| Renewable Energy Distribution Charge | kW x  | \$0.00007   |

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.04719

Note (1): Includes a simple average of the April-2012 June-2012 Standard Offer Service Charge of \$0.04598/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh

Note (2): Includes a simple average of the April-2012 through June-2012 Standard Offer Service Charge of \$0.04698/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh

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Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to G-62 Rate Customers

Hours Use: 500

| Monthly Power |            | Present Rates |                |              | Proposed Rates |                |              | Increase/(Decrease) |            |
|---------------|------------|---------------|----------------|--------------|----------------|----------------|--------------|---------------------|------------|
| kW            | kWh        | Total         | Standard Offer | Delivery     | Total          | Standard Offer | Delivery     | Amount              | % of Total |
| 3,000         | 1,500,000  | \$129,521.70  | \$72,171.88    | \$57,349.82  | \$131,084.20   | \$73,734.38    | \$57,349.82  | \$1,562.50          | 1.2%       |
| 5,000         | 2,500,000  | \$204,063.37  | \$120,286.46   | \$83,776.91  | \$206,667.54   | \$122,890.63   | \$83,776.91  | \$2,604.17          | 1.3%       |
| 7,500         | 3,750,000  | \$297,240.45  | \$180,429.69   | \$116,810.76 | \$301,146.70   | \$184,335.94   | \$116,810.76 | \$3,906.25          | 1.3%       |
| 10,000        | 5,000,000  | \$390,417.53  | \$240,572.92   | \$149,844.61 | \$395,625.86   | \$245,781.25   | \$149,844.61 | \$5,208.33          | 1.3%       |
| 20,000        | 10,000,000 | \$763,125.86  | \$481,145.83   | \$281,980.03 | \$773,542.53   | \$491,562.50   | \$281,980.03 | \$10,416.67         | 1.4%       |

Present

|                                      |       |             |
|--------------------------------------|-------|-------------|
| Customer Charge                      |       | \$17,000.00 |
| LIHEAP Charge                        |       | \$0.83      |
| Transmission Demand Charge           | kW x  | \$2.92      |
| Transmission Energy Charge           | kWh x | \$0.00646   |
| Distribution Demand Charge           | kW x  | \$3.03      |
| Distribution Energy Charge           | kWh x | \$0.00009   |
| Transition Energy Charge             | kWh x | \$0.00063   |
| Energy Efficiency Program Charge     | kWh x | \$0.00622   |
| Renewable Energy Distribution Charge | kWh x | \$0.00007   |

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.04619

Proposed

|                                      |       |             |
|--------------------------------------|-------|-------------|
| Customer Charge                      |       | \$17,000.00 |
| LIHEAP Charge                        |       | \$0.83      |
| Transmission Demand Charge           | kW x  | \$2.92      |
| Transmission Energy Charge           | kWh x | \$0.00646   |
| Distribution Demand Charge           | kW x  | \$3.03      |
| Distribution Energy Charge           | kWh x | \$0.00009   |
| Transition Energy Charge             | kWh x | \$0.00063   |
| Energy Efficiency Program Charge     | kWh x | \$0.00622   |
| Renewable Energy Distribution Charge | kW x  | \$0.00007   |

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.04719

Note (1): Includes a simple average of the April-2012 June-2012 Standard Offer Service Charge of \$0.04598/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh

Note (2): Includes a simple average of the April-2012 through June-2012 Standard Offer Service Charge of \$0.04698/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh

File: S:\RADATA\1\2012 neco\Standard Offer Rate Filings\2012-05\Typical Bills.XLS\Input Section

Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to G-62 Rate Customers

Hours Use: 400

| Monthly Power |           | Present Rates |                |              | Proposed Rates |                |              | Increase/(Decrease) |            |
|---------------|-----------|---------------|----------------|--------------|----------------|----------------|--------------|---------------------|------------|
| kW            | kWh       | Total         | Standard Offer | Delivery     | Total          | Standard Offer | Delivery     | Amount              | % of Total |
| 3,000         | 1,200,000 | \$110,877.95  | \$57,737.50    | \$53,140.45  | \$112,127.95   | \$58,987.50    | \$53,140.45  | \$1,250.00          | 1.1%       |
| 5,000         | 2,000,000 | \$172,990.45  | \$96,229.17    | \$76,761.28  | \$175,073.78   | \$98,312.50    | \$76,761.28  | \$2,083.33          | 1.2%       |
| 7,500         | 3,000,000 | \$250,631.07  | \$144,343.75   | \$106,287.32 | \$253,756.07   | \$147,468.75   | \$106,287.32 | \$3,125.00          | 1.2%       |
| 10,000        | 4,000,000 | \$328,271.69  | \$192,458.33   | \$135,813.36 | \$332,438.36   | \$196,625.00   | \$135,813.36 | \$4,166.67          | 1.3%       |
| 20,000        | 8,000,000 | \$638,834.20  | \$384,916.67   | \$253,917.53 | \$647,167.53   | \$393,250.00   | \$253,917.53 | \$8,333.33          | 1.3%       |

Present

|                                      |       |             |
|--------------------------------------|-------|-------------|
| Customer Charge                      |       | \$17,000.00 |
| LIHEAP Charge                        |       | \$0.83      |
| Transmission Demand Charge           | kW x  | \$2.92      |
| Transmission Energy Charge           | kWh x | \$0.00646   |
| Distribution Demand Charge           | kW x  | \$3.03      |
| Distribution Energy Charge           | kWh x | \$0.00009   |
| Transition Energy Charge             | kWh x | \$0.00063   |
| Energy Efficiency Program Charge     | kWh x | \$0.00622   |
| Renewable Energy Distribution Charge | kWh x | \$0.00007   |

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.04619

Proposed

|                                      |       |             |
|--------------------------------------|-------|-------------|
| Customer Charge                      |       | \$17,000.00 |
| LIHEAP Charge                        |       | \$0.83      |
| Transmission Demand Charge           | kW x  | \$2.92      |
| Transmission Energy Charge           | kWh x | \$0.00646   |
| Distribution Demand Charge           | kW x  | \$3.03      |
| Distribution Energy Charge           | kWh x | \$0.00009   |
| Transition Energy Charge             | kWh x | \$0.00063   |
| Energy Efficiency Program Charge     | kWh x | \$0.00622   |
| Renewable Energy Distribution Charge | kW x  | \$0.00007   |

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.04719

Note (1): Includes a simple average of the April-2012 June-2012 Standard Offer Service Charge of \$0.04598/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh

Note (2): Includes a simple average of the April-2012 through June-2012 Standard Offer Service Charge of \$0.04698/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh

File: S:\RADATA\1\2012 neco\Standard Offer Rate Filings\2012-05\Typical Bills.XLS\Input Section

Date: 14-May-12  
Time: 10:30 AM

Calculation of Monthly Typical Bill  
Illustrative Total Bill Impact of Proposed  
Rates Applicable to G-62 Rate Customers

Hours Use: 600

| Monthly Power |            | Present Rates |                |              | Proposed Rates |                |              | Increase/(Decrease) |            |
|---------------|------------|---------------|----------------|--------------|----------------|----------------|--------------|---------------------|------------|
| kW            | kWh        | Total         | Standard Offer | Delivery     | Total          | Standard Offer | Delivery     | Amount              | % of Total |
| 3,000         | 1,800,000  | \$148,165.45  | \$86,606.25    | \$61,559.20  | \$150,040.45   | \$88,481.25    | \$61,559.20  | \$1,875.00          | 1.3%       |
| 5,000         | 3,000,000  | \$235,136.28  | \$144,343.75   | \$90,792.53  | \$238,261.28   | \$147,468.75   | \$90,792.53  | \$3,125.00          | 1.3%       |
| 7,500         | 4,500,000  | \$343,849.83  | \$216,515.63   | \$127,334.20 | \$348,537.33   | \$221,203.13   | \$127,334.20 | \$4,687.50          | 1.4%       |
| 10,000        | 6,000,000  | \$452,563.36  | \$288,687.50   | \$163,875.86 | \$458,813.36   | \$294,937.50   | \$163,875.86 | \$6,250.00          | 1.4%       |
| 20,000        | 12,000,000 | \$887,417.53  | \$577,375.00   | \$310,042.53 | \$899,917.53   | \$589,875.00   | \$310,042.53 | \$12,500.00         | 1.4%       |

Present

|                                      |       |             |
|--------------------------------------|-------|-------------|
| Customer Charge                      |       | \$17,000.00 |
| LIHEAP Charge                        |       | \$0.83      |
| Transmission Demand Charge           | kW x  | \$2.92      |
| Transmission Energy Charge           | kWh x | \$0.00646   |
| Distribution Demand Charge           | kW x  | \$3.03      |
| Distribution Energy Charge           | kWh x | \$0.00009   |
| Transition Energy Charge             | kWh x | \$0.00063   |
| Energy Efficiency Program Charge     | kWh x | \$0.00622   |
| Renewable Energy Distribution Charge | kWh x | \$0.00007   |

Gross Earnings Tax 4%

Standard Offer Charge (1) kWh x \$0.04619

Proposed

|                                      |       |             |
|--------------------------------------|-------|-------------|
| Customer Charge                      |       | \$17,000.00 |
| LIHEAP Charge                        |       | \$0.83      |
| Transmission Demand Charge           | kW x  | \$2.92      |
| Transmission Energy Charge           | kWh x | \$0.00646   |
| Distribution Demand Charge           | kW x  | \$3.03      |
| Distribution Energy Charge           | kWh x | \$0.00009   |
| Transition Energy Charge             | kWh x | \$0.00063   |
| Energy Efficiency Program Charge     | kWh x | \$0.00622   |
| Renewable Energy Distribution Charge | kWh x | \$0.00007   |

Gross Earnings Tax 4%

Standard Offer Charge (2) kWh x \$0.04719

Note (1): Includes a simple average of the April-2012 June-2012 Standard Offer Service Charge of \$0.04598/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh

Note (2): Includes a simple average of the April-2012 through June-2012 Standard Offer Service Charge of \$0.04698/kWh, Renewable Energy Standard Charge of \$0.00253/kWh, Standard Offer Adjustment Factor of \$(0.00332)/kWh, and Standard Offer Service Administrative Cost Factor of \$0.001 /kWh







**Request for  
Power Supply  
Proposals to Provide  
the Following Services:**

Standard Offer Service  
for the Industrial Group  
in Rhode Island for the Period:

July 1, 2012 – September 30,  
2012

Standard Offer Service  
for the Commercial Group  
in Rhode Island for the Period:

July 1, 2012 – June 30, 2013

Standard Offer Service  
for the Residential Group  
in Rhode Island for the Period:

January 1, 2013 – December 31,  
2013

**APRIL 6, 2012**

## **REQUEST FOR POWER SUPPLY PROPOSALS**

### **1. Overview**

#### **1.1 Background**

Legislation in Rhode Island<sup>1</sup> provides for competition in the electric utility industry by extending competition in the wholesale power supply markets to retail customers through the provision of retail access to all customers.

The URA provides access to the competitive retail electricity market for all retail customers of National Grid's distribution company in Rhode Island (The Narragansett Electric Company or "NECO") as of January 1, 1998. In 2006 the Rhode Island legislature extended Standard Offer Service ("SOS") from the original termination date of December 31, 2009 until December 31, 2020. The Act requires National Grid to provide Standard Offer Service to those customers who are not receiving generation service from a non-regulated power producer.

#### **1.2 Standard Offer Service**

Beginning on the retail access date, National Grid's retail customers in Rhode Island had received generation service from either their choice of competitive suppliers or from National Grid through Standard Offer Service or Last Resort Service. Beginning on January 1, 2010, all National Grid customers not taking service from a competitive supplier began taking Standard Offer Service<sup>2</sup>. Standard Offer Service also included any Last Resort Service customers beginning on January 1, 2010. Thus, in a change from the former Standard Offer Service, customers who chose to take service from a competitive supplier after January 1, 2010 would be permitted to return to Standard Offer Service if they were no longer receiving service from a competitive supplier.

Customers taking Standard Offer Service will be in one of three separate groups: Residential, Commercial, and Industrial. This RFP is to procure service for the following groups:

- Residential Group (as defined below) for 20% of the load for the period January 1, 2013 through December 31, 2013;

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<sup>1</sup> The Rhode Island Utility Restructuring Act of 1996 ("URA" and Rhode Island General Law 39-1-27.3, as amended in June 2002 and The Comprehensive Energy Conservation, Efficiency and Affordability Act of 2006 ("The Act") and Rhode Island General Law 39-1-27.3, as amended in 2006.

<sup>2</sup> On September 30, 2009, the Rhode Island Public Utility Commission ("RIPUC") approved National Grid's filing of April 29, 2009 (and revised July 10, 2009) to replace the previous Standard Offer Service with a new Standard Offer Service.

- Commercial Group (as defined below) for 30% of the load for the period July 1, 2012 through June 30, 2013;
- Industrial Group (as defined below) for 100% of the load for the period July 1, 2012 through September 30, 2012.

National Grid is hereby seeking proposals from qualified power suppliers to supply firm, load-following power to meet these Standard Offer Service requirements.

**National Grid, in consultation with or at the request of the RIPUC or Division of Public Utilities and Carriers, reserves the right to issue additional instructions or requests for additional information, to extend the due date, to modify any provision in this RFP or any appendix thereto and to withdraw this RFP.**

### 1.3 Rhode Island Customer Groups

For the purposes of this solicitation, the Rhode Island Residential, Commercial, and Industrial Groups are defined as:

| Customer Group | Rate Class                   |
|----------------|------------------------------|
| Residential    | A-16 and A-60                |
| Commercial     | G-02, C-06, S-06, S-10, S-14 |
| Industrial     | G-32, B-32, G-62, B-62, X-01 |

## 2. Description of Services

### 2.1 Description

Appendix A contains an overview of the services covered by this Request for Proposal ("RFP"). The Appendix provides:

- A brief description of Standard Offer Service;
- The eligibility requirements for a customer to obtain or leave Standard Offer Service.

### 2.2 Expected Loads

National Grid is unable to predict the amount of load that will be required to meet the needs of any customer group. National Grid's customers are free to leave Standard Offer Service at any time to take service from competitive suppliers. The ability of customers to enroll or return to Standard Offer Service is described in Appendix A.

To assist Respondents in determining the potential load requirements, National Grid is able to provide the following information on its Power Procurement Website:

- Aggregate reconciled historical wholesale hourly loads for the Standard Offer Service customer groups (since January 1, 2007).
- Aggregate historical wholesale hourly load data for previous Last Resort Service.
- Aggregate historical wholesale hourly load data for previous Standard Offer Service.
- Class average load shapes at the retail meter point.
- Historical customer counts, as of the last billing day in each month, by each National Grid company, SMD Load Zone (since March 1, 2003) and rate class. These counts represent the number of active accounts in each rate class as of the last billing day in each month.
- Historical customer counts for customers taking service from a competitive supplier, as of the last billing day in each month, by rate class.
- ICAP tags as of the last day of the month for each load asset.

Please use the following link to access the site:

<http://www.nationalgridus.com/energysupply/>

Click on “Data” at the upper right of the screen to access Load data, Customer Count data, Class Average Load Shapes and ICAP Tags. This site is open to anyone with the above link. No user id or password is required to access the data on the site.

## 2.3 Load Blocks

National Grid’s total Standard Offer Service requirements covered by this RFP are broken down into the following five load blocks:

| Load Block | Customer Group | SMD Load Zone | Load Share | Type of Service        | Period                  |
|------------|----------------|---------------|------------|------------------------|-------------------------|
| <b>A</b>   | Industrial     | RI            | 100%       | Standard Offer Service | 07/01/2012 – 09/30/2012 |
| <b>B</b>   | Residential    | RI            | 20%        | Standard Offer Service | 01/01/2013 – 06/30/2013 |
| <b>C</b>   | Residential    | RI            | 20%        | Standard Offer Service | 07/01/2013 – 12/31/2013 |
| <b>D</b>   | Commercial     | RI            | 30%        | Standard Offer Service | 07/01/2012 – 12/31/2012 |
| <b>E</b>   | Commercial     | RI            | 30%        | Standard Offer Service | 01/01/2013 – 06/30/2013 |

A Respondent may bid on any number of load blocks that it wishes to serve. A Respondent wishing to serve the entire load for a particular customer group should submit a bid for each load block of that customer group. Respondents may not limit the amount of service that may be purchased for a given load block. Proposals that contain limits on the amount of service provided will be rejected<sup>3</sup>.

<sup>3</sup> For example, a Respondent offering to supply Block A load must agree to supply 100% of the needs of that load block during every month of the Period. The Respondent may not offer to serve Block A provided that the amount of service purchased does not exceed [specified value] MW in any hour.

The amount of load for each load block to be supplied by the winning Supplier(s) will be determined in accordance with the procedure contained in Article 6 of the Master Power Agreement, a copy of which is provided in Appendix B.

## 2.4 Rhode Island Retail Customer Rates

During the term of service covered by this RFP, National Grid intends to establish retail rates for generation service for Standard Offer Service customers in Rhode Island. The Standard Offer Service rates will reflect National Grid's purchase costs for such service due to commitments made as a result of this and previous RFPs.

## 3. General Provisions

### 3.1 Terms and Conditions

The winning Supplier(s) will be selected to provide Standard Offer Service to the applicable customer groups/load blocks during the term covered by this RFP. Standard Offer Service will be provided by such Supplier(s) to National Grid in accordance with the terms and conditions of the Master Power Agreement. A copy of the Master Power Agreement for Rhode Island is provided in Appendix B. All Respondents must have an updated executed Master Power Agreement(s) prior to the indicative bid date.

The winning Supplier(s) will be required to execute the applicable confirmation(s) within two (2) business days of being notified that it has been selected as the winning Supplier.

Under Article 7 of the Master Power Agreement, failure of the winning supplier to deliver Requirements would constitute an event of default under the agreement, allowing National Grid to terminate and recover liquidated damages from the supplier.

### 3.2 Proposal Process and Submission Dates

The following table outlines the key dates associated with this procurement process.

| Process Step  | Date                     |
|---|--------------------------|
| Company Issues Request for Proposal                     | April 6, 2012            |
| Submit Respondent Proposal Information                  | April 20, 2012 – 5pm EPT |
| Submit Indicative Pricing                               | May 2, 2012 – 10am EPT   |
| Company files Indicative Pricing Summary with the RIPUC | May 3, 2012              |
| Submit Final Pricing                                    | May 9, 2012 – 10am EPT   |
| Company Notifies Winning Bidders                        | May 9, 2012 – 1pm        |
| Company files Final Pricing Summary with the RIPUC      | May 10, 2012             |

|   |   |
|---|---|
| Winning Bidders and Company execute Confirmations | No later than two business days after Final Pricing |
| Service Begins                                    | July 1, 2012, January 1, 2013 or July 1, 2013.      |

One (1) copy of a Respondent's Proposal Information must be submitted by e-mail or facsimile or mailed to the following address:

Jorge Ayala  
Wholesale Electric Supply  
National Grid  
100 East Old Country Road  
Hicksville, NY 11801  
(516) 545-3228  
(516) 545-2464 (fax)  
e-mail: electric.electricsupply@us.ngrid.com

National Grid is conducting the procurement process in three steps. The first step is for Respondents to provide National Grid with their background and financial information by 5:00 p.m. EPT on April 20, 2012. Upon receipt, National Grid will evaluate each Respondent's qualifications and will notify any Respondent that does not qualify by at least one business day before indicative pricing is due.

National Grid will not evaluate any indicative or final pricing if the Respondent does not have an executed Master Power Agreement. The Master Power Agreement must be executed prior to submitting indicative pricing.

The second step in this process is for Respondents to provide indicative pricing information by 10:00 a.m. EPT on May 2, 2012 at the above address. National Grid will evaluate the indicative pricing as described above, and if required, National Grid may seek clarifications from Respondents. National Grid will file an indicative pricing summary with the RIPUC.

The third step is as follows: Respondents to provide final pricing information by 10:00 a.m. EPT on May 9, 2012 at the above address. National Grid requests final pricing be valid until 1:00 p.m. National Grid intends to evaluate the final pricing and select a Supplier(s) that day by that time. Final pricing shall be binding until execution of a confirmation. Respondents should specify the manner in which they will accept a binding acceptance of their offer by National Grid prior to receipt of an executed agreement (letter of intent or e-mail) or they will be deemed to be bound by National Grid's acceptance communicated in any of the preceding manners. National Grid will file a final pricing summary with the RIPUC.

At any time, National Grid, at its sole discretion, reserves the right to issue additional instructions or requests for additional information, to extend the due date, to modify any provision in this RFP or any appendix thereto and to withdraw this RFP.

### 3.3 Contact Person/Questions

All questions regarding this Request for Proposal should be directed to Jorge Ayala at the address provided above.

## 4. Service Features

### 4.1 Commencement Date of Supply

Service from the winning Supplier(s) to National Grid shall begin as of HE 0100 EPT on the date specified in the table found in Section 2.3 – Load Blocks.

Service from National Grid to individual customers who are currently taking Standard Offer Service in each customer group as of the Commencement Date, if any, will continue with the winning Supplier(s) providing such service to National Grid as of the Commencement Date.

Service from National Grid to individual customers taking Standard Offer Service as of the Commencement Date shall begin on the customer's meter reading date following notification/determination that a customer will be commencing Standard Offer Service or such other date designated by National Grid consistent with National Grid's Tariff for Off Cycle Meter Read for Switch of Supplier R.I.P.U.C. No. 2019-A in Rhode Island.

National Grid's procedures provide for customers to be switched from one service option to another (e.g., from Standard Offer Service to a competitive supplier, from one competitive supplier to another competitive supplier, from a competitive supplier to Standard Offer Service) on their normal cycle meter reading dates. However, there may be circumstances (e.g., default of a competitive supplier) that might require a customer to be switched to Standard Offer Service "off-cycle". In such case, the customer will be switched to Standard Offer Service on a date designated by National Grid consistent with National Grid's Tariff for Off Cycle Meter Read for Switch of Supplier R.I.P.U.C. No. 2019-A in Rhode Island.

### 4.2 Termination Date of Supply

Service from the winning Supplier(s) to National Grid shall terminate at HE 2400 EPT on the dates specified in the table found in Section 2.3 – Load Blocks.

Individual customers taking Standard Offer Service from National Grid may terminate the service at any time. Terminations may include, but not be limited to, (i) a customer's taking competitive service from a competitive supplier, (ii) disconnection of service by National Grid in accordance with regulations and procedures approved by the RIPUC, or (iii) closing of a customer's account. National Grid's procedures provide for customers electing to terminate such service to be switched to their successor service on their normal cycle meter reading date following the date that National Grid receives notification of such switch. However, there may be circumstances which might require a

customer to be terminated “off-cycle”. In such a case, the customer will be terminated from Standard Offer Service on a date to be determined by National Grid.

#### 4.3 Delivery Points

The Supplier(s) of Standard Offer Service will be responsible for delivering power to the nodes/zones representing the actual locations of the Standard Offer Service loads. The Supplier(s) of each of the services will be responsible for any PTF losses allocated by the ISO related to the services. The locations of the applicable Standard Offer Service load assets are as follows:

| <b>Company</b> | <b>SMD Load Zone</b> | <b>Load Asset</b> | <b>Load Asset Name</b>        | <b>Load Block</b> |
|----------------|----------------------|-------------------|-------------------------------|-------------------|
| NECo           | RI                   | 37765             | NECO INDUSTRIAL SO LOAD_4005  | A                 |
| NECo           | RI                   | 37763             | NECO RESIDENTIAL SO LOAD_4005 | B & C             |
| NECo           | RI                   | 37764             | NECO COMMERCIAL SO LOAD_4005  | D & E             |

#### 4.4 Form of Service

The Supplier(s) of each Load Block shall be responsible for meeting the specified service requirements for all of National Grid’s customers in a specific Load Block. These service requirements include the generation and/or market procurement and delivery to the delivery point(s) of the portion of the electric capacity, energy and ancillary services required to meet the needs of National Grid’s ultimate customers taking such service. National Grid will implement the transfer of these responsibilities to the Supplier(s) by updating the asset registration for each of the above Load Assets. National Grid will assign to the Supplier(s) the applicable Ownership Share for each Load Asset. Once a Supplier’s obligation terminates, National Grid will terminate the Supplier’s Ownership Share of a Load Asset.

The Supplier(s) shall be responsible for all obligations, requirements, and costs associated with the Supplier(s) having the Load Asset Ownership Share which shall include but not be limited to the day-ahead load obligations and real-time load obligations at the nodes/zones of each Load Asset. A more complete description of a Supplier(s)’s responsibilities can be found in the Master Power Agreement in Appendix B of this RFP.

The Supplier(s) shall be responsible for all decisions and data submissions associated with any bids into the market system to manage these obligations. The Supplier(s) shall be responsible for all components of any Locational Marginal Prices the Supplier must pay in delivery of the services. These components include, but are not limited to, the day-ahead and real-time energy, marginal losses, and congestion charges. As the supplier of such services, the Supplier(s) will be responsible for all present or future requirements and associated costs (to the extent such charges are not imposed on National Grid as a transmission charge by NEPOOL or the ISO) associated with the services and any other



requirements, market products, expenses or charges imposed by NEPOOL or the ISO, as they may be in effect from time to time.

The Supplier(s) will also be responsible for all transmission and distribution losses associated with delivery of the electricity from the delivery point to the Standard Offer Service customer's meter. A description of the estimation process for determining supplier hourly load can be found in Appendix A of the Master Power Agreement, found in Appendix B of this RFP.

National Grid will make arrangements with the ISO for transmission service over the PTF and non-PTF, from and after the Delivery Point to the Customers' meters. National Grid will be billed by the ISO and the applicable Participating Transmission Owner(s) for these services. National Grid will pay these bills and collect the costs, along with National Grid's distribution costs, from its retail customers through its retail delivery service tariffs. Any other transmission or distribution costs will be the Supplier(s)' responsibility.

#### 4.5 Implementation of the Rhode Island Renewable Energy Standards ("RES")

The RIPUC established rules and procedures implementing a renewable energy standard for all retail electricity suppliers selling electricity to end-use consumers in the State of Rhode Island to meet the Renewable Energy Standards passed by the state legislature in 2004<sup>4</sup>. These rules and regulations can be found at:

<http://www.ripuc.state.ri.us/utilityinfo/res.html>

These rules require National Grid to demonstrate that a portion of its Rhode Island electricity sales are supplied from a mix of renewable energy generation resources. They are:

- **New** consists of new renewable generators that began commercial operation after December 31, 1997.
- **Existing** consists of existing renewable generators that began commercial operation before December 31, 1997.

The renewable requirements as a percent of sales are divided into two separate classes and summarized below:

| Year | Percentage from New Renewable Energy Resources | Percentage from <i>either New or Existing</i> Renewable Energy Resources | Total Target Percentage |
|------|--|--|-------------------------|
| 2012 | 4.5%   | 2.0%   | 6.5%                    |

<sup>4</sup> Title 39 Public Utilities and Carriers Chapter 39-26 RES.

National Grid requests Respondents to separately bid the cost of RES compliance equivalent to the applicable percent of sales for 2012. If National Grid accepts bids with the RES components, National Grid will require the winning Supplier(s) to utilize the NEPOOL Generation Information System ("NEPOOL GIS") to provide NEPOOL GIS Certificates that comply with the requirements of the RES regulations. In each monthly invoice for a service that includes the RES component, National Grid will take a credit equal to the product of the RES obligation and the Alternative Compliance Payment. Once a Supplier delivers the required number of NEPOOL GIS Certificates, the credit will be returned to the Supplier.

## 5. Proposal Requirements

### 5.1 Format of Proposal

The information required by National Grid to evaluate each proposal is identified in Appendix C. Respondents may simply complete the forms provided in Appendix C in any legible fashion and return them to Jorge Ayala as provided in Section 3.2. In addition, proposals should contain explanatory, descriptive and/or supporting materials as necessary.

### 5.2 Proposed Pricing

Respondents must specify the price at which they will provide Standard Offer Service for each Load Block on which they are bidding to serve. Purchases will be made on an "as-delivered" energy basis with prices stated on a fixed \$/MWh basis. Such prices may vary by calendar month and by load block, but must be uniform for the entire calendar month or period, as specified, and cover the entire term of this Request for Proposals.

Prices which contain demand components, minimum purchase requirements or which vary by time-of-use within a calendar month will be rejected. Prices which exclude one or more market costs (e.g. Capacity, uplift costs, etc.) will be rejected.

National Grid intends to pay a Supplier(s) based on the billing determinants as defined in the Master Power Agreement. These billing determinants are the loads as reported to and settled by the ISO, which include transmission and distribution losses, and exclude any PTF losses allocated to the Supplier by the ISO during the settlement.

National Grid is seeking the following pricing:

- **All-Inclusive Bids:** For each Load Block (A through E), a price which includes all costs. Should National Grid select this option, (1) suppliers would be responsible for all costs including capacity market charges and (2) Suppliers would not be responsible for supplying the RES component.
- **RI-RES Compliance:** Price, on a separate \$ per MWh basis in 2012, for Supplier to provide the RI-RES component. Should National Grid select this option, the RI-RES Compliance Bid price would be added to the All-Inclusive Bid price and the

Supplier would provide the applicable quantity of NEPOOL GIS Certificates (see Section 4.5).

### 5.3 Terms and Conditions

Service will be provided pursuant to the terms of the Master Power Agreement.

### 5.4 New England Market Participation

Each Respondent must indicate whether it has an executed and accepted Market Participant Service Agreement with ISO New England or if it plans to execute an agreement and, if so, at what point it is in the application process and the time frame for completing the process. Respondents must also provide evidence of agreements with a Market Participant if Respondent will have another Market Participant be responsible for its market settlement obligations.

### 5.5 Competitive Supplier Registration

The service provided by the Supplier(s) of Standard Offer Service to National Grid is a wholesale transaction between the Supplier(s) and National Grid; therefore, the Supplier(s) do not have to be licensed or registered suppliers with any state regulatory commission.

### 5.6 Regulatory Approvals

The Supplier(s) of the services covered by this Request for Proposal must obtain and maintain all necessary regulatory approvals required to enable it to provide the applicable service. Such approvals must be obtained prior to July 1, 2012, January 1, 2013, or July 1, 2013 as applicable.

## 6. Retail Customer Relationships

### 6.1 Customer Billing

All customers taking Standard Offer Service covered by this RFP will be retail customers of National Grid. As the retail provider of such service, National Grid will bill customers for the Standard Offer Service provided.

### 6.2 Notification of Enrollments and Terminations

National Grid will provide electronic notification to the Supplier(s) of Standard Offer Service customer enrollments and terminations within a customer group. Enrollment information will include account number, rate class and commencement date of service. Termination information will include account number, rate class and termination date of service. Such notifications shall only be provided when a Supplier establishes a Windows or Unix file server with capability of sending and receiving File Transfer

Protocol (“FTP”), files with Pretty Good Privacy (“PGP”), Encryption/Decryption, and (ii) verifies its ability to transfer files to and receive files from National Grid at least fourteen (14) days prior to the day on which a Supplier desires to commence electronic receipt.

### 6.3 Customer Service

National Grid, as the retail provider of Standard Offer Service, will provide customer service to all customers receiving Standard Offer Service.

## 7. Selection Process

The criteria to be used in evaluating proposals will be the lowest evaluated bid price by Load Block. If there are identical lowest final bid prices, the winning bidder will be determined by selecting the bidder with the lowest final bid price for the estimated highest volume month.

National Grid will evaluate the RI-RES bids only for the Load Block winning bidders. National Grid will accept the RI-RES bid if it is at or less than the available market prices.

## 8. Credit Requirements

In order to protect National Grid’s Standard Offer Service customers from the risk of Supplier(s) default, a winning Supplier(s) must be able to demonstrate it has the financial resources to perform during the term of the agreement. As reflected in the attached Master Power Agreement (Appendix B to this RFP), National Grid will require Supplier(s) to provide some form of security when entering into a Confirmation. The security arrangement will be based on the expected volume of load for the bid block and a mark-to-market margining clause. As forward market prices change, the Supplier(s) will be required to post security for those incremental changes. Additionally, Suppliers that are rated at or below BBB-/Baa3 will be required to post an Independent Amount equal to 10% of the notional value of each Load Block awarded. The Supplier(s) shall provide security in one of the following forms:

- Unsecured line of credit for a rated counterparty
- Parental Guaranty
- Letter of Credit
- Cash deposit with National Grid

Respondents that are rated by a major credit rating agency must provide the ratings assigned by such agencies. Respondents that are not rated by a major credit rating agency must provide the following information to enable National Grid to evaluate a Respondent’s financial strength:

- Respondent’s organizational history

- Date of establishment
- Initial (if founded within the last ten years) and current capitalization
- Certified financial statements, including balance sheets and statements of income and cash flow with respect to the two previous fiscal years and the most recent interim period
- Forms 10-K and 10-Q, submitted to the United States Securities and Exchange Commission for the two previous fiscal years, if applicable;
- Short-term and long-term debt ratings from Moody's Investor Service or Standard & Poor's Corporation
- Corporate affiliates or joint venture partners including any details regarding financial limitations between partners or affiliates.

If a Respondent has provided this information to National Grid or an affiliate in a response to a previous RFP, then the Respondent needs only to identify the date and to whom the information was submitted and update the previously provided information.

National Grid agrees that it will treat the information it receives from Respondents in a confidential manner and will not, except as required by law or regulatory authority, disclose such information to any third party or use such information for any purpose other than in connection with this RFP.

## **9. General Requirements**

National Grid may withdraw and terminate this RFP at any time without any liability. National Grid reserves the right to accept or reject, in whole or in part, any and all proposals. National Grid will not be responsible to any Respondent or any other party for failure to execute a Master Power Agreement or Confirmation.

National Grid shall reject proposals submitted in response to this RFP that are incomplete, or do not conform to the requirements of the RFP, or are submitted beyond the deadline for submission. All proposals submitted by Respondents in response to the RFP will become the exclusive property of National Grid.

Each Respondent certifies, by its submission of a bid, that it is bidding independently and that it has no knowledge of any proposal being submitted by another Respondent in response to this RFP. Each Respondent further certifies that, by its submission of a bid, it has not disclosed and will not disclose prior to any award hereunder any information relating to its proposal which could have an effect on whether another party submits a proposal to this RFP or on the contents of such proposal that another bidder would be willing to submit in response to this RFP. Such information includes, but is not limited to: the fact that the bidder is submitting a proposal in response to this RFP, the bidder's bids, the bidder's quantities of each product bid, the bidder's estimation of the value of a product, the bidder's estimation of the risks associated with supplying a product, and the bidder's preference for bidding on one or several products.

If any information provided by the Respondent changes or fails to remain valid, it is the sole responsibility of the Respondent to notify National Grid of such change. Failing to do so may result in disqualification of the Respondent and its proposal for the solicitation.

Respondents shall, at their own cost and expense, defend, indemnify and hold harmless National Grid, its parent, subsidiaries and affiliates and their officers, directors, trustees, employees, shareholders, executors, administrators, successors and assigns against any and all manner of past, present, or future claims, demands, disputes, controversies, complaints, suits, actions proceeding or allegations of any kind which in any manner relate to arise out of, or result from any false statements or misrepresentations, intentional or unintentional, in its proposal, or breach of any covenant by the Respondent set forth herein.

## **APPENDIX A**

### **DESCRIPTION OF SERVICES**

| <p><b>The Narragansett Electric Company</b></p> <p><b>Standard Offer Service</b></p> |  |
|--|--|
| Description  | Electric Service provided to retail customers who are not taking service from a competitive supplier.  |
| Eligibility Requirements   | <p>Service to customers can be initiated by:</p> <p>a) A customer notifying National Grid that it wishes to terminate service from its competitive supplier and commence Standard Offer Service.</p> <p>b) A competitive supplier notifying National Grid that it is terminating service to a customer.</p> <p>c) A competitive supplier ceasing to provide service to a customer without notifying National Grid.</p> <p>d) A customer moves into National Grid's service territory and does not affirmatively choose a competitive supplier.</p> |
| Aggregate Number of Customers Taking Service and Historical Load Profiles            | <p>Note: Historic customer count data and historical hourly load profiles are available at National Grid's procurement web site:</p> <p><a href="http://www.nationalgridus.com/energysupply/">http://www.nationalgridus.com/energysupply/</a></p>  |



## **APPENDIX B**

### **MASTER POWER AGREEMENT**

## **APPENDIX C**

### **REQUIRED PROPOSAL INFORMATION**

**RESPONDENT:** \_\_\_\_\_

**1. General Information**

|   |  |
|---|--|
| Name of Respondent  |  |
| Principal contact person<br>< Name<br>< Title<br>< Company<br>< Mailing address<br>< Telephone number (office)<br>< Telephone number (cell)<br>< Fax number<br>< E-mail address   |  |
| Secondary contact person (if any)<br>< Name<br>< Title<br>< Company<br>< Mailing address<br>< Telephone number (office)<br>< Telephone number (cell)<br>< Fax number<br>< E-mail address                                    |  |
| Legal form of business organization of Respondent (e.g., sole proprietorship, partnership, limited partnership, joint venture, or corporation)  |  |
| State(s) of incorporation, residency and organization<br>Indicate whether Respondent is in good standing in all states in which Respondent is authorized to do business and, if not, which states and the reason it is not. |  |
| If Respondent is a partnership, the names of all general and limited partners.<br><br>If Respondent is a limited liability company, the names of all direct owners.   |  |
| Description of Respondent and all affiliated entities and joint ventures transacting business in the energy sector  |  |

**RESPONDENT:** \_\_\_\_\_

## 2. Financial Information

|   |  |
|---|--|
| Current debt rating for Respondent (include ratings and names of rating agencies).                    |  |
| Date Respondent's last fiscal year ended.   |  |
| Total revenue for Respondent for the most recent fiscal year.   |  |
| Total net income for Respondent for the most recent fiscal year.                                      |  |
| Total assets for Respondent as of the close of the previous fiscal year.                              |  |
| Copy of the Respondent's most recent balance sheet, income statement and cash flow statement.         |  |
| Copy of the Respondent's most recent audited balance sheet, income statement and cash flow statement. |  |

## 3. Defaults and Adverse Situations

|  |  |
|--|--|
| <p>Describe, in detail, any situation in which Respondent (either individually or as part of a consortium, joint venture or other group), or an affiliate of Respondent, defaulted or was deemed to be in noncompliance of its contractual obligations to transact business in the energy sector within the past five years including, without limitation, to purchase or deliver energy, capacity or other market products at retail or wholesale, or for the purchase or sale of electricity or natural gas, and including any financing agreements or financing provisions of any agreement.</p> <p>Explain the situation, its outcome and all other relevant facts associated with the event.</p> <p>If there was litigation, provide the case caption, index number and court.</p> <p>Identify the name, title and telephone number of the principal manager of the customer/client who asserted the event of default or noncompliance.</p> |  |
|--|--|

**RESPONDENT:** \_\_\_\_\_

|   |  |
|---|--|
| Has Respondent, or any affiliate of Respondent, in the last five years, (a) consented to the appointment of, or was taken in possession by, a receiver, trustee, custodian or liquidator of a substantial part of its assets, (b) filed a bankruptcy petition in any bankruptcy court proceeding, (c) answered, consented or sought relief under any bankruptcy or similar law or failed to obtain a dismissal of an involuntary petition, (d) admitted in writing of its inability to pay its debts when due, (e) made a general assignment for the benefit of creditors, (f) was the subject of an involuntary proceeding seeking to adjudicate that Party bankrupt or insolvent, (g) sought reorganization, arrangement, adjustment, or composition of it or its debt under any law relating to bankruptcy, insolvency or reorganization or relief of debtors. |  |
| Describe any facts presently known to Respondent that might adversely affect its ability to provide the service(s) bid herein as provided for in the RFP  |  |

#### 4. NEPOOL AND POWER SUPPLY EXPERIENCE

|  |  |
|--|--|
| Is Respondent a member of NEPOOL?  |  |
| Does Respondent have an executed and accepted Market Participant Service Agreement with ISO New England?   |  |
| Name of Market Participant if Respondent will have another Market Participant be responsible for its market settlement obligations .   |  |
| Describe Respondent's experience and record of performance in the areas of power marketing, brokering, sales, and/or contracting, for the last five years within NEPOOL and/or the New England region. |  |
| Provide three references (name, title and contact information) who have contracted with the Respondent for similar load following services within the last 2 years.                                    |  |

**RESPONDENT:** \_\_\_\_\_

### 5. CONFLICTS OF INTEREST

|  |  |
|--|--|
| Briefly describe any known conflicts of interest between bidder or an affiliate of bidder and Buyer, National Grid USA or any affiliates of the foregoing.         |  |
| Enumerate any litigation, claims or complaints asserted by bidder or an affiliate of bidder, against Buyer, National Grid or an affiliate of any of the foregoing. |  |
| Enumerate any litigation, claims or complaints asserted against bidder or an affiliate of bidder by Buyer, National Grid or an affiliate of any of the foregoing.  |  |

### 6. SCOPE OF BID AND TERMS OF SALE

|   |  |
|---|--|
| <p>Will Respondent execute a contract substantially similar to the Master Power Agreement contained in Appendix B?</p> <p>Explain any proposed modifications.</p> |  |
| List all regulatory approvals required before service can commence.   |  |

**RESPONDENT:** \_\_\_\_\_

## 7. Proposed Pricing

(Respondent required to submit bidding spreadsheet included on procurement website)

### Standard Offer Service

**RESPONDENT:** \_\_\_\_\_

**Date:** \_\_\_\_\_

#### 7. Proposed Pricing Rhode Island Standard Offer Service

##### Rhode Island Standard Offer Service

| Bid Block | SMD ZONE | Customer Group | Percent | Period    |           | Monthly Pricing - \$/MWh (all inclusive w/o RES Compliance) |        |        |        |        |        |
|-----------|----------|----------------|---------|-----------|-----------|---|--------|--------|--------|--------|--------|
|           |          |                |         | From      | To        | Jul-12  | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 |
| A         | RI       | Industrial     | 100%    | 01-Jul-12 | 30-Sep-12 |   |        |        |        |        |        |
| B         | RI       | Residential    | 20%     | 01-Jan-13 | 30-Jun-13 |   |        |        |        |        |        |
| C         | RI       | Residential    | 20%     | 01-Jul-13 | 31-Dec-13 |   |        |        |        |        |        |
| D         | RI       | Commercial     | 30%     | 01-Jul-12 | 31-Dec-12 |   |        |        |        |        |        |
| E         | RI       | Commercial     | 30%     | 01-Jan-13 | 30-Jun-13 |   |        |        |        |        |        |

RI RES Compliance Adder 2012 \$/MWh

**Note:** All bids rounded to 2 decimal places.  
If not bidding in a block, enter zero or leave blank.  
Please specify any bid limitations in the following section:

Request for Power Supply Proposals  
April 6, 2012





# **NATIONAL GRID**

## **STANDARD OFFER SERVICE PROCUREMENT SUMMARY**

### **FOR NARRAGANSETT ELECTRIC COMPANY**

FOR THE PERIOD  
JULY 2012 – DECEMBER 2013

#### **1. RFP Issued**

National Grid issued its Request for Power Supply Proposals (“RFP”) on April 6, 2012 directly to approximately 25 suppliers for the service period July 2012 through December 2013.

The RFP was also distributed to all members of the NEPOOL Markets Committee and posted on National Grid’s energy supply website. As a result, the RFP had wide distribution throughout the New England energy supply marketplace.

This procurement was conducted in accordance with the Standard Offer Procurement Plan approved by the Rhode Island Public Utilities Commission in Docket 4227 (approved July 29, 2011) and is consistent with prior procurements conducted by National Grid.

National Grid’s RFP requested all-inclusive pricing for the following:

- 100% of the Rhode Island Industrial Group Standard Offer Service requirements for the period July 2012 through September 2012;
- 30% of the Rhode Island Commercial Customer Group Standard Offer Service requirements for the period July 2012 through June 2013;
- 20% of the Rhode Island Residential Customer Group Standard Offer Service requirements for the period January 2013 through December 2013.

These requirements were divided into five distinct load blocks. A description of each load block is provided in Exhibit 1.

#### **2. Key RFP Dates**

- The RFP was issued on April 6, 2012.
- Supplier information was received on April 20, 2012.
- Indicative bids were received on May 2, 2012.
- Final bids were received on May 9, 2012.

#### **3. Contract Submissions**

All bidders had executed Master Power Agreements with National Grid before final bids and no contract revisions were necessary with the winning bidders. National Grid was able to resolve all outstanding issues with the bidders prior to receipt of bids and executed agreements that did not shift risks or obligations to its customers from those contained in its proposed agreements.

#### 4. Indicative Bids

Indicative bids were received on May 2, 2012 from [REDACTED] bidders.

The indicative bids were evaluated and ranked (see Exhibits 2 and 3). Indicative pricing was used only to determine current market prices, to prepare an initial ranking of bids and to identify any bidding anomalies. The Rhode Island retail prices in Exhibit 3 were calculated by adjusting the wholesale contract prices in Exhibit 2 by the ratio of wholesale purchases to retail deliveries over the twelve-month period ending April 30, 2012.

The lowest indicative bids for each load block were compared to National Grid's estimate of expected indicative bids. Our methodology calculates the expected bid prices from the historical relationship of the bid prices to all market components that comprise the bid price (see Exhibit 4). This method utilizes a detailed on-peak & off-peak calculation and incorporates all bid components: energy, capacity, and ancillary services.

The results of the Rhode Island indicative bids were filed with the Rhode Island Public Utilities Commission on May 3, 2012.

#### 5. Award of Final Bids

Final bids were received on May 9, 2012 from [REDACTED] bidders.

The final bids were evaluated and ranked (see Exhibits 5 and 6). The retail prices for Rhode Island in Exhibit 6 were calculated by adjusting the wholesale prices in Exhibit 5 by the ratio of wholesale purchases to retail deliveries over the twelve-month period ending April 30, 2012.

A summary of the number of conforming bids per block is provided in the following table:

| Block - # Bids | Block - # Bids | Block - # Bids | Block - # Bids | Block - # Bids |
|----------------|----------------|----------------|----------------|----------------|
| A - [REDACTED] | B - [REDACTED] | C - [REDACTED] | D - [REDACTED] | E - [REDACTED] |

The lowest final bids for each load block were compared to National Grid's estimate of expected bids based on the methodology described above (see Indicative Bids). The calculations of these expected prices can be found in Exhibit 7.

The RFP's competitive bidding process identified the winning bids for the five blocks as shown in Exhibit 8. Exhibit 8 also provides the basis for the award. Exhibit 9 provides a bidder key to help identify bidders.

Exhibit 10 provides a bid premium estimate for all winning bids. The bid premium estimate is the difference between the FRS Costs and the Market Component Costs. This difference includes:

- basis differential (the difference between the RI zonal price and hub price)
- volume risk premium - a premium associated with Est. MWh, On Peak % (loadshape), Customer Capacity Load Obligation
- migration risk premium

- price risk premium - premium associated with Capacity Net Clearing Price, Ancillary Costs, unexpected uplift costs, & electricity costs
- odd lot premium - a premium associated with procuring power at smaller block sizes or at the hourly level rather than round lot blocks
- credit costs
- supplier margin

The results of the final bids were filed with the Rhode Island Public Utilities Commission on May 10, 2012.

## 6. Description of Wholesale Markets Conditions

NYMEX electric futures provide an estimate of the power component of the Standard Offer Service winning bid prices. NYMEX electric futures are provided daily as monthly on-peak and off-peak prices. The expected retail rates for the Industrial Group are based on the wholesale bid that was awarded supply in this RFP for July to September 2012. The NYMEX electric futures prices have increased for this rate period from the April to June 2012 period that was procured in the last RFP on February 8, 2012. On that day, the average NYMEX electric futures on peak price for the April to June 2012 term was \$34.70 and it increased to \$39.12 for this new rate period of July to September 2012. Also, the average NYMEX electric futures off peak price for the April to June 2012 term was \$26.71 and it increased to \$27.84 for this new rate period of July to September 2012.

Below is a comparison of the “round the clock” (“RTC”) NYMEX electric futures prices for the Residential and Commercial Groups for the January to June 2012 rate period and the July to December 2012 rate period.

|         | Residential<br>RTC \$ / MWH | Commercial<br>RTC \$ / MWH |         | Residential<br>RTC \$ / MWH | Commercial<br>RTC \$ / MWH |
|---------|-----------------------------|----------------------------|---------|-----------------------------|----------------------------|
| Jan-12  | 62.63                       | 64.44                      | Jul-12  | 46.08                       | 39.75                      |
| Feb-12  | 61.96                       | 62.85                      | Aug-12  | 47.12                       | 40.33                      |
| Mar-12  | 45.65                       | 46.14                      | Sep-12  | 39.88                       | 34.37                      |
| Apr-12  | 44.41                       | 44.25                      | Oct-12  | 44.88                       | 37.85                      |
| May-12  | 42.86                       | 42.78                      | Nov-12  | 45.06                       | 39.43                      |
| Jun-12  | 43.85                       | 43.99                      | Dec-12  | 47.53                       | 47.05                      |
| Average | 50.23                       | 50.74                      | Average | 45.09                       | 39.80                      |

The RTC prices above are calculated for each month and customer group by utilizing the published on-peak and off-peak futures prices as of each RFP date, the weighted by the estimated load procured in each RFP, and an estimate of the on-peak and off-peak usage for each customer group. The January to June 2012 RTC prices consist of NYMEX electric futures prices for four RFPs and an estimate for the 10% spot market purchases. The July to December 2012 RTC prices consist of NYMEX electric futures for five RFPs for the Residential Group, three RFPs for the Commercial Group, and an estimate for the 10% spot market purchases.

The table above demonstrates that futures prices decreased for the July to December 2012 rate period compared to the previous period. A straight average of the Residential RTC prices shows a decrease from \$50.23 to \$45.09, a 10.2% decrease. A straight average of the Commercial RTC prices shows a decrease from \$50.74 to \$39.80, a 21.6% decrease.

Additionally, the NYMEX electric futures prices increased slightly from the indicative price date of May 2, 2012 to the final price date of May 9, 2012 for the July 2012 to December 2013 period. The average on peak price increased from \$44.56 to \$44.65, a 0.2% increase, and the average off peak price increased from \$33.49 to \$33.82, a 1.0% increase.

## **7. Renewable Energy Standard**

The Rhode Island load covered by this RFP is subject to a 6.5% Renewable Energy Standard (“RES”) requirement for calendar year 2012.

The cost of obtaining the Renewable Energy Certificates (“RECs”) associated with the load requirements from the bidders was compared to the available market cost of obtaining RECs. Exhibit 11 compares the RES Adders contained in the lowest final bids. Because the winning bidders did not include a price for the RES adders, National Grid did not include the RES adders in the final purchase prices. National Grid will attempt to procure these requirements through separate solicitations.

National Grid estimated the costs to comply with the RES obligations by utilizing the estimated market prices and the obligation percentages as specified in the RES regulations. Exhibit 12 provides a calculation of the cost adder to include these costs.

## **8. Retail Rate**

The expected retail rates for the Industrial Group, excluding administrative cost adders, were based on the wholesale bid that was awarded supply.

The expected retail rates for the Residential and the Commercial Customer Groups, excluding administrative cost adders and an estimate for the 10% spot market purchases, were based on the wholesale bids that were awarded supply weighted with previous procurements. The final of five RFPs to procure power to serve Standard Offer Service Residential customers was completed on February 8, 2012. The May 9, 2012 RFP is the final of three RFPs to procure power to serve Standard Offer Service Commercial customers for the July 2012 to December 2012 period. These costs are weighted with previous RFP procurements to determine the expected retail rates.

This is the first of three RFPs to procure power to provide Standard Offer Service Commercial customers for the January 2013 to June 2013 period. This is the third of five RFPs to procure power to serve Standard Offer Service Residential customers for the January 2013 to June 2013 period. This is also the second of five RFPs to procure power to serve Standard Offer Service Residential customers for the July 2013 to December 2013 period. These costs will be weighted with future RFPs to determine the final retail rates.

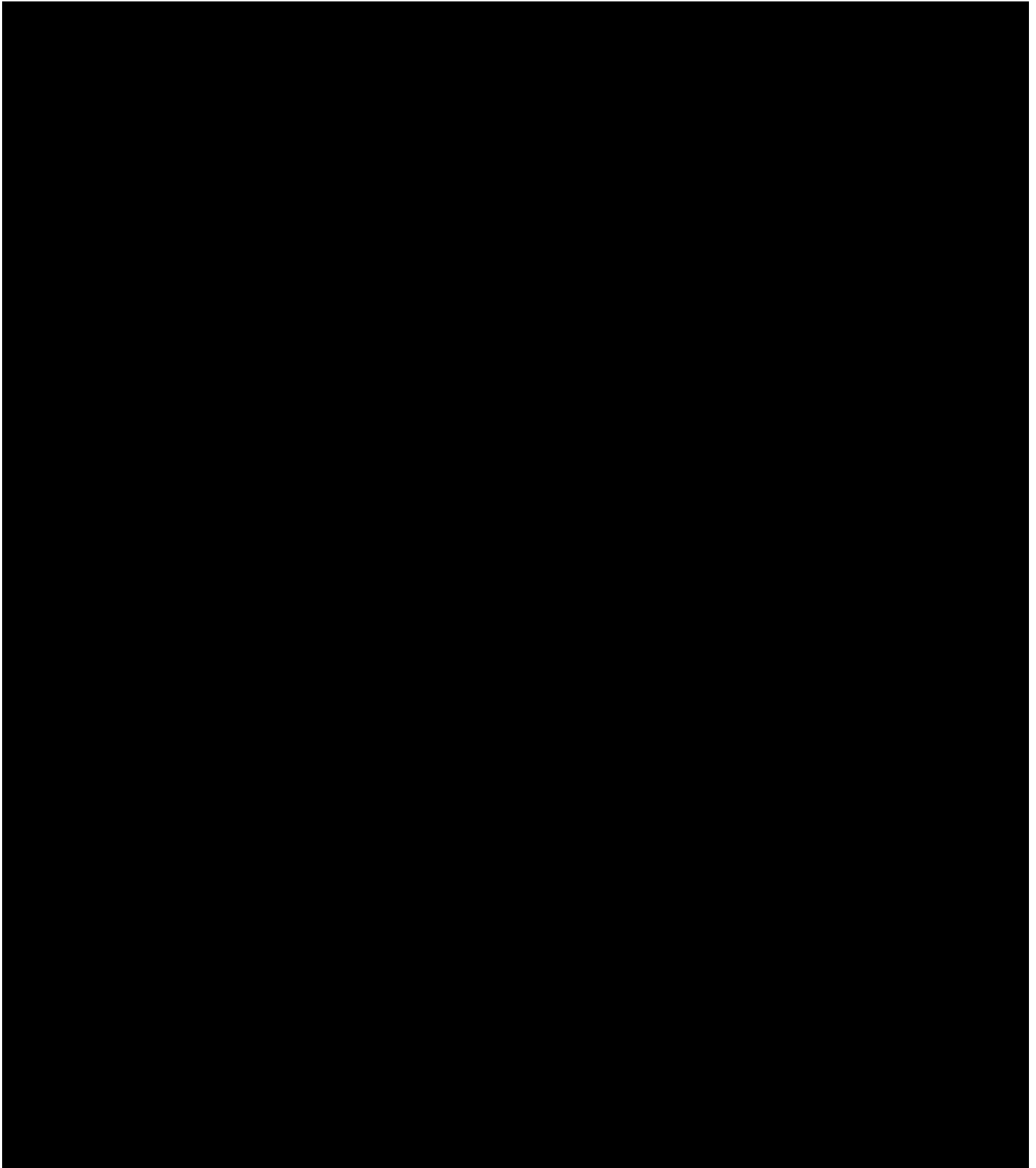
The Rhode Island retail rates were calculated by adjusting the wholesale contract prices using the ratio of wholesale kWh purchases to retail kWh deliveries over the twelve-month period ending April 30, 2012.

A summary of the estimated retail rates for blocks A through E is provided in Exhibit 13.

**EXHIBIT 1**  
**LOAD BLOCK DESCRIPTIONS**

| <b>Load Block</b> | <b>Customer Group</b> | <b>SMD Load Zone</b> | <b>Load Share</b> | <b>Type of Service</b> | <b>Period</b>           |
|-------------------|-----------------------|----------------------|-------------------|------------------------|-------------------------|
| <b>A</b>          | Industrial            | RI                   | 100%              | Standard Offer Service | 07/01/2012 – 09/30/2012 |
| <b>B</b>          | Residential           | RI                   | 20%               | Standard Offer Service | 01/01/2013 – 06/30/2013 |
| <b>C</b>          | Residential           | RI                   | 20%               | Standard Offer Service | 07/01/2013 – 12/31/2013 |
| <b>D</b>          | Commercial            | RI                   | 30%               | Standard Offer Service | 07/01/2012 – 12/31/2012 |
| <b>E</b>          | Commercial            | RI                   | 30%               | Standard Offer Service | 01/01/2013 – 06/30/2013 |

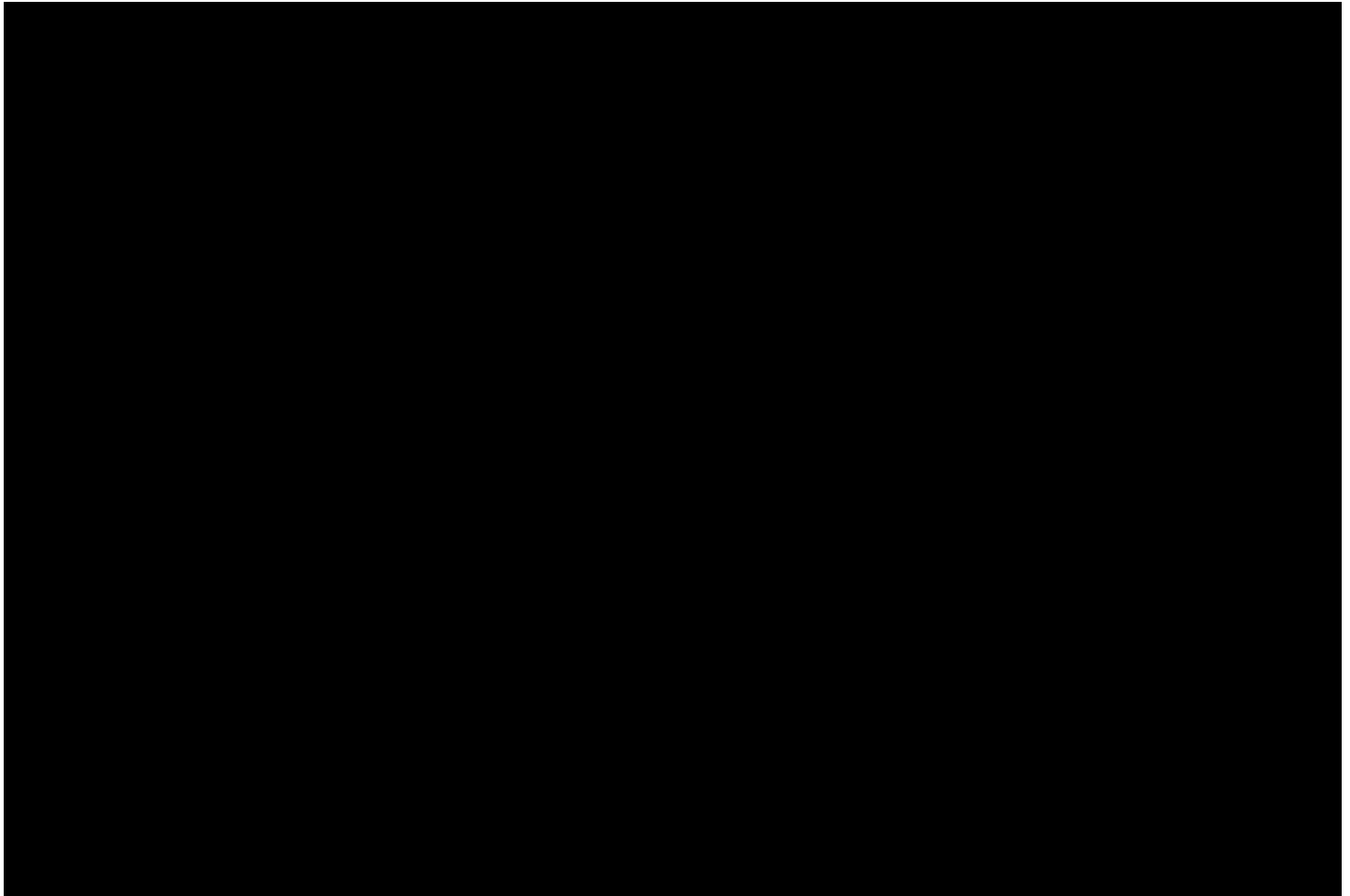
**EXHIBIT 2**  
**INDICATIVE BID RANKING AT WHOLESALE**  
**BLOCKS A – C**



**REDACTED DOCUMENT**

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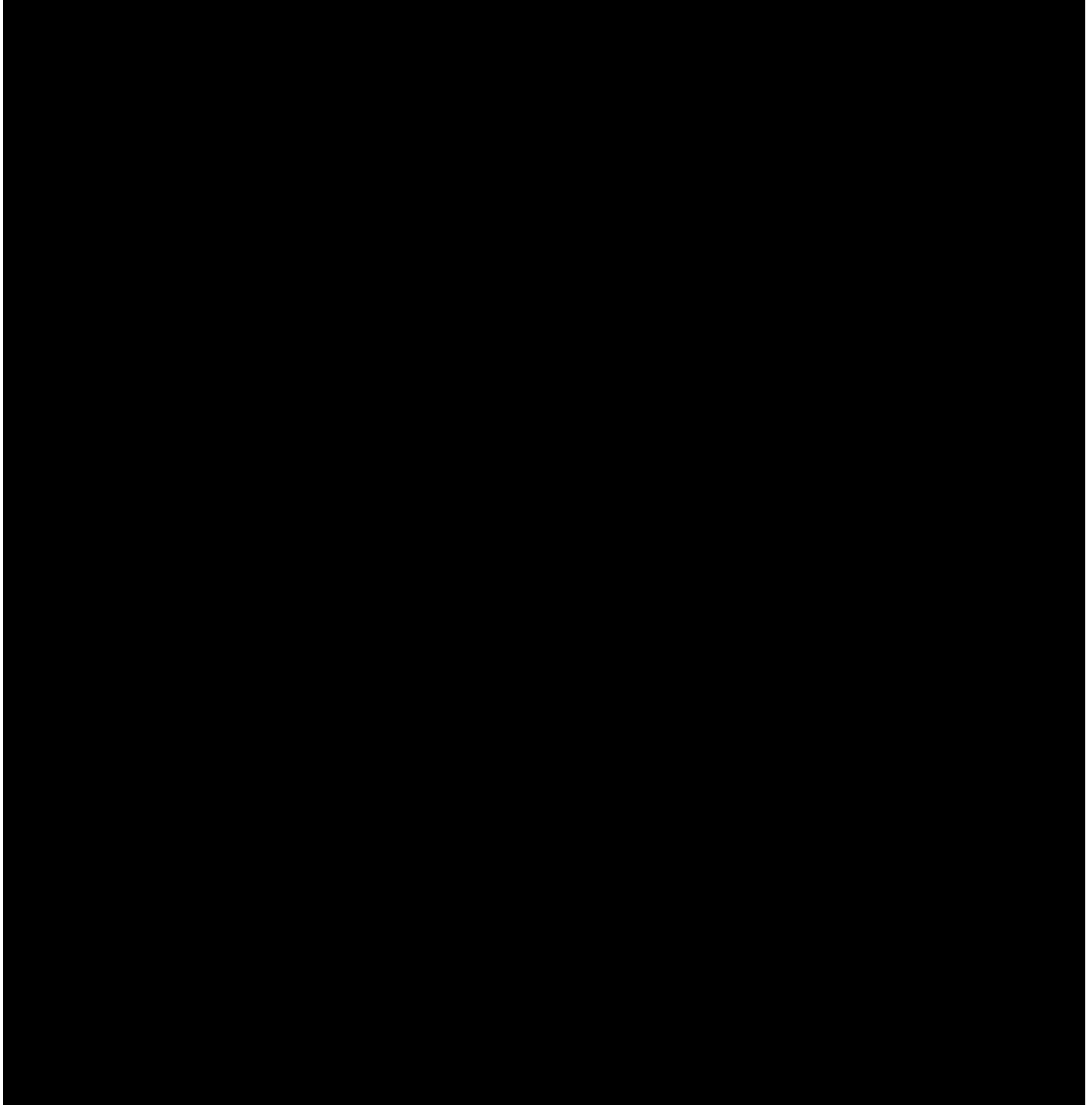
**EXHIBIT 2**  
**INDICATIVE BID RANKING AT WHOLESALE**  
**BLOCKS D – E**



**REDACTED DOCUMENT**

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**EXHIBIT 3**  
**INDICATIVE BID RANKING AT RETAIL**  
**WITHOUT RES (¢/kWh)**  
**BLOCKS A – C**

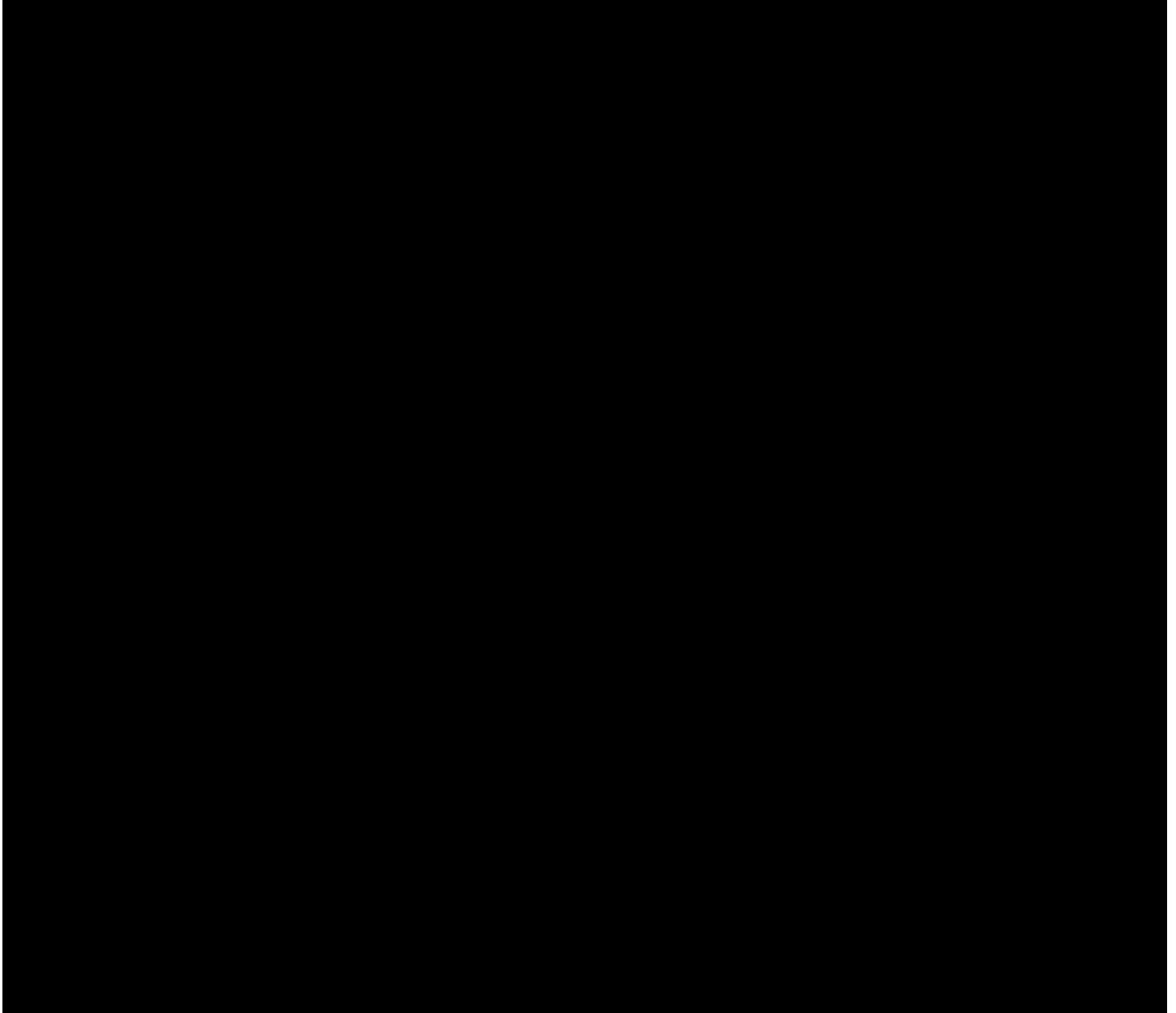




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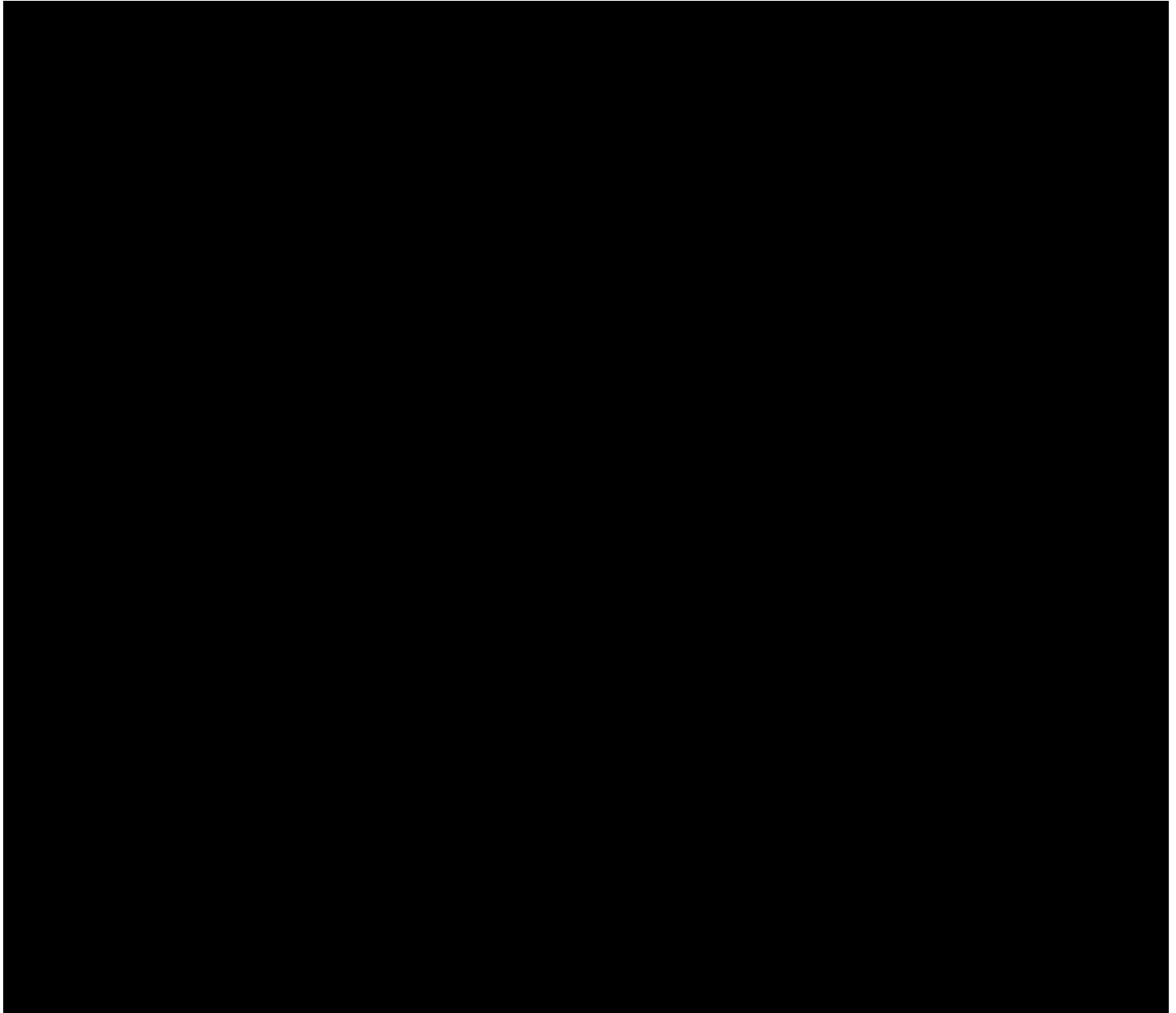
**EXHIBIT 3**  
**INDICATIVE BID RANKING AT RETAIL**  
**WITHOUT RES (¢/kWh)**  
**BLOCKS D – E**



**REDACTED DOCUMENT**

National Grid: Page 10 of 22  
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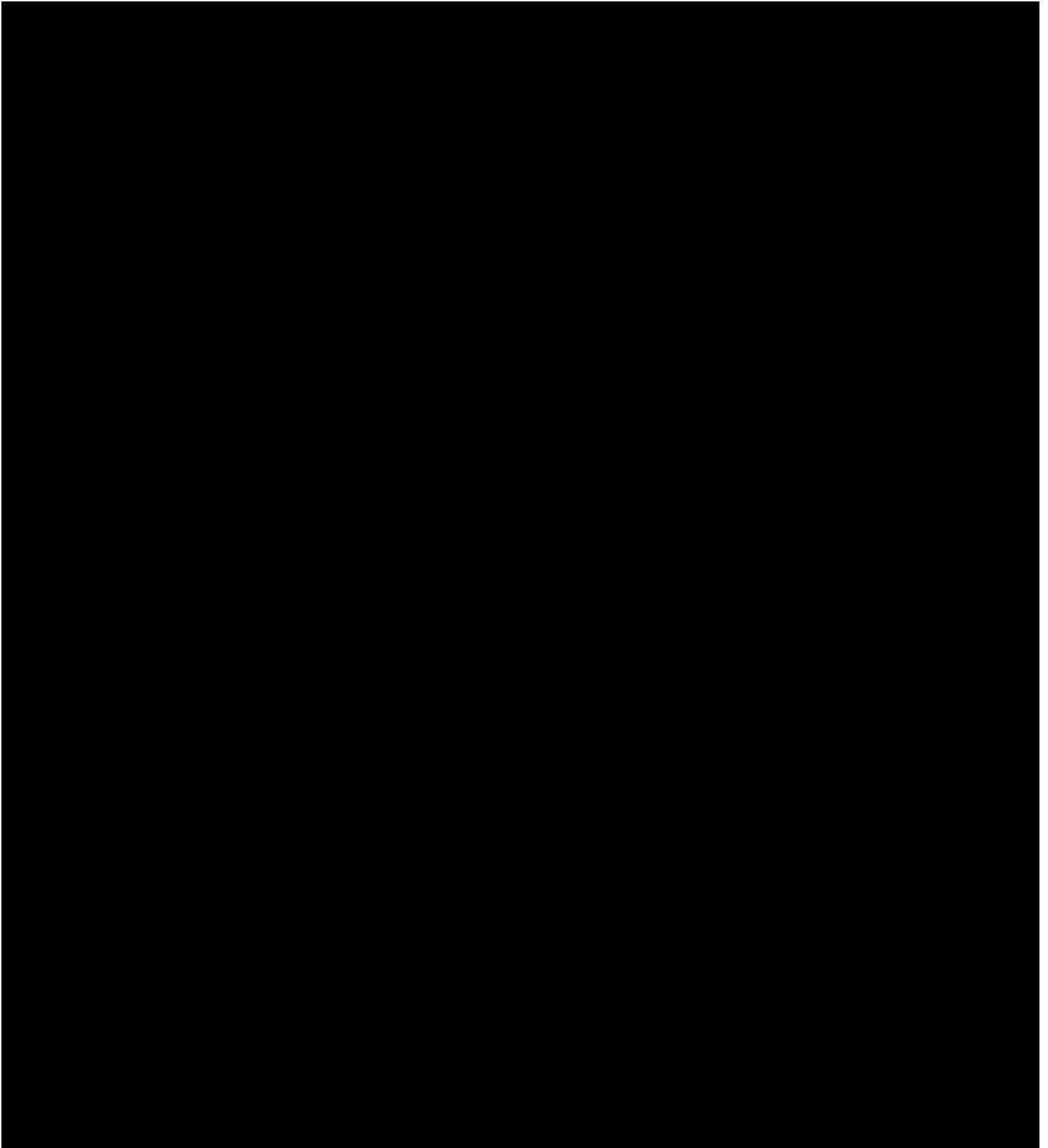
**EXHIBIT 4**  
**ESTIMATED INDICATIVE PRICES**  
**FORECAST BASED ON NYMEX ELECTRICITY FUTURES**  
**JULY 2012 – DECEMBER 2013 PERIOD**



**REDACTED DOCUMENT**

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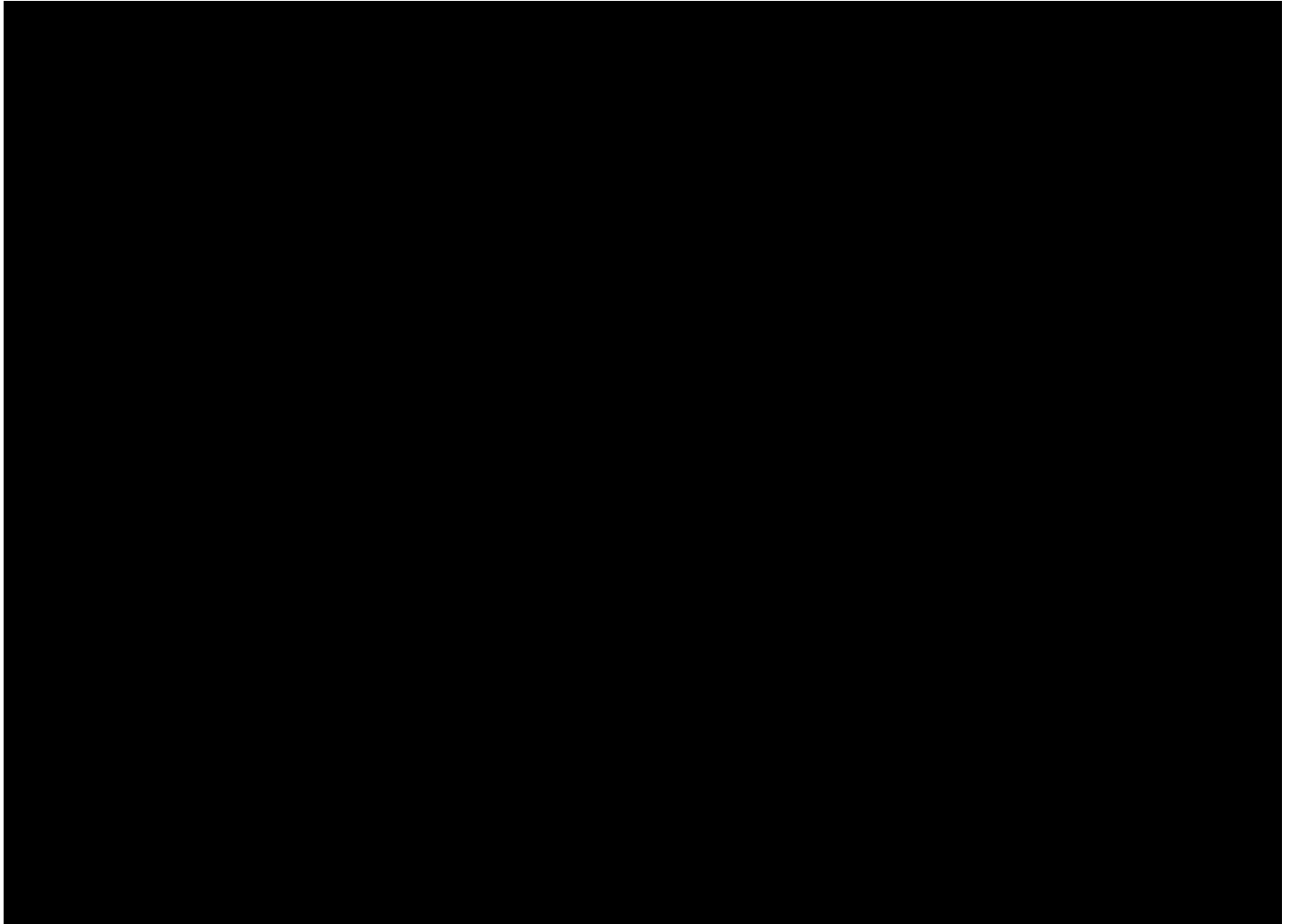
**EXHIBIT 5**  
**FINAL BID RANKING AT WHOLESALE**  
**BLOCKS A – C**



**REDACTED DOCUMENT**

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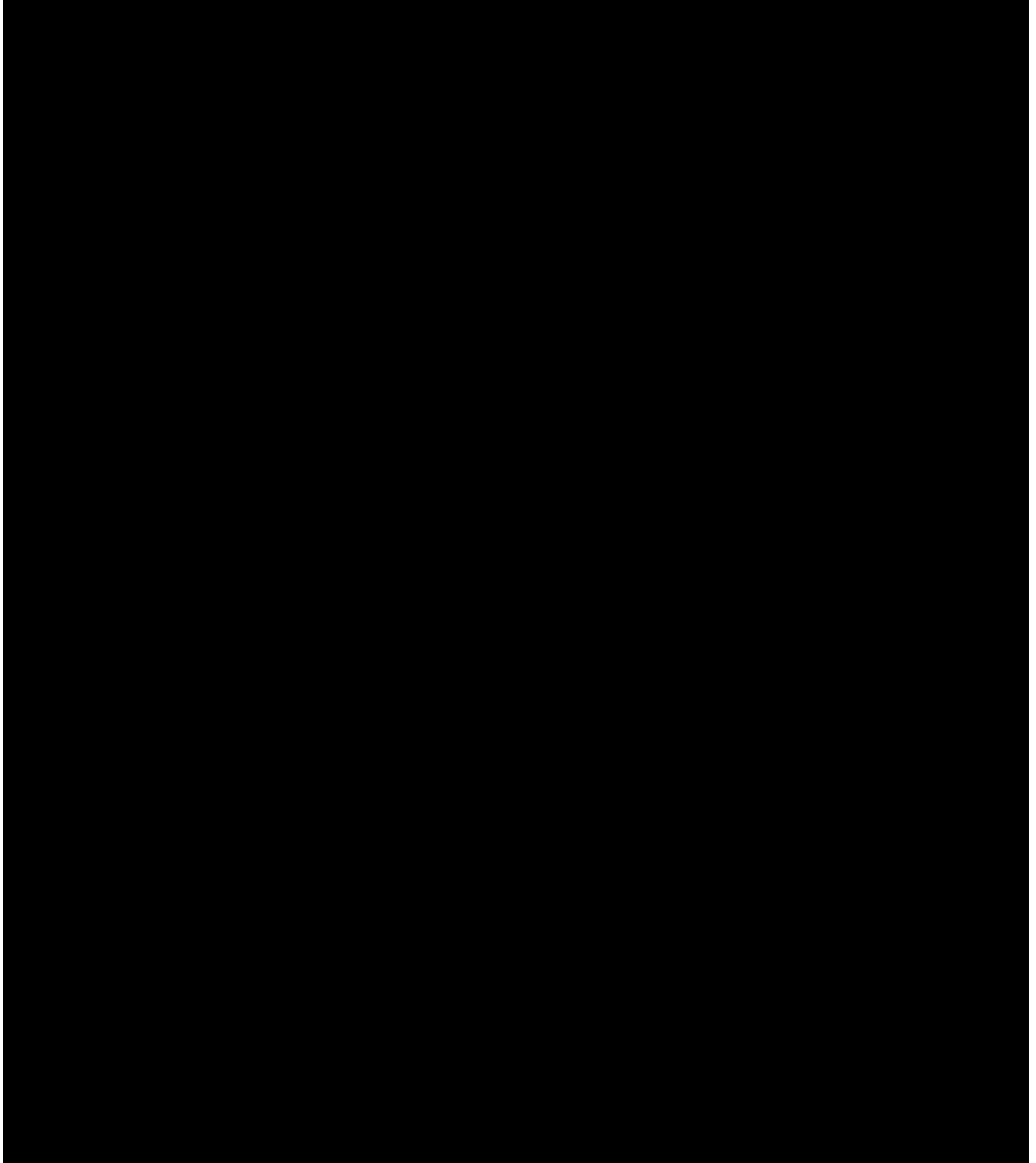
**EXHIBIT 5**  
**FINAL BID RANKING AT WHOLESALE**  
**BLOCKS D – E**



**REDACTED DOCUMENT**

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Docket No. 4227

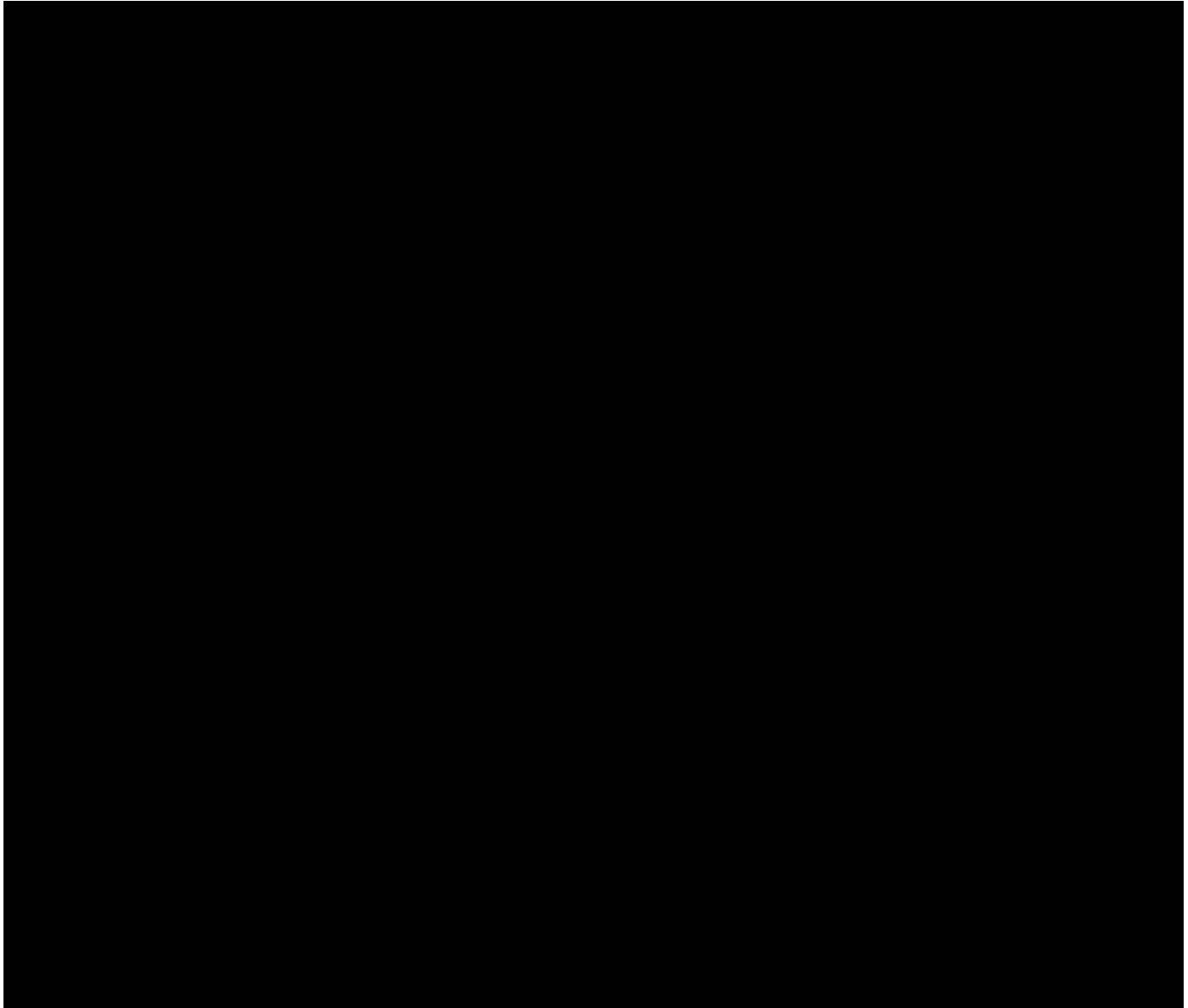
**EXHIBIT 6**  
**FINAL BID RANKING AT RETAIL**  
**WITHOUT RES (¢/kWh)**  
**BLOCKS A – C**



**REDACTED DOCUMENT**

National Grid: Page 14 of 22  
Docket No. 4227

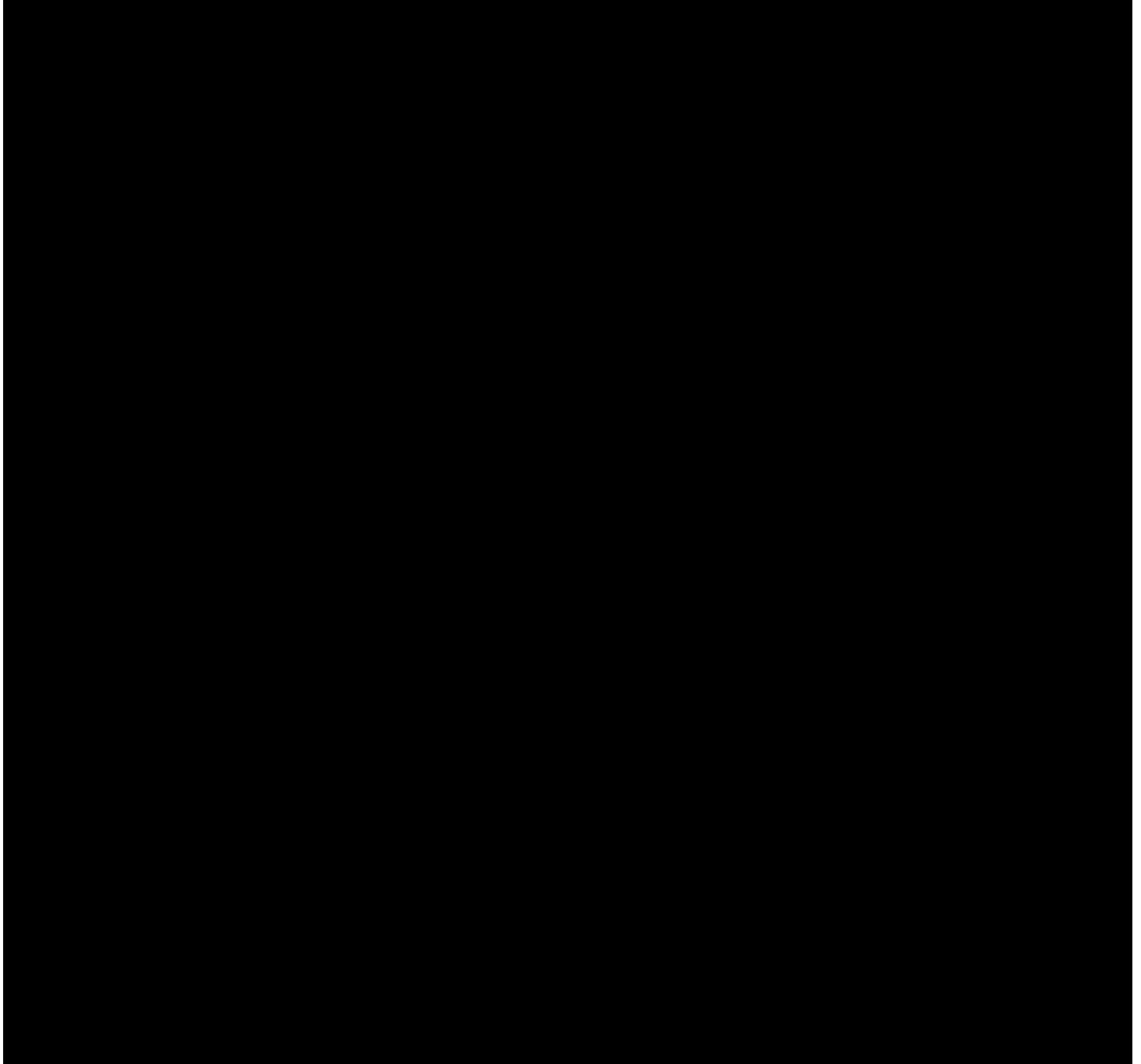
**EXHIBIT 6**  
**FINAL BID RANKING AT RETAIL**  
**WITHOUT RES (¢/kWh)**  
**BLOCKS D – E**



**REDACTED DOCUMENT**

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**EXHIBIT 7**  
**ESTIMATED FINAL PRICES**  
**FORECAST BASED ON NYMEX ELECTRICITY FUTURES**  
**JULY 2012 – DECEMBER 2013 PERIODS**

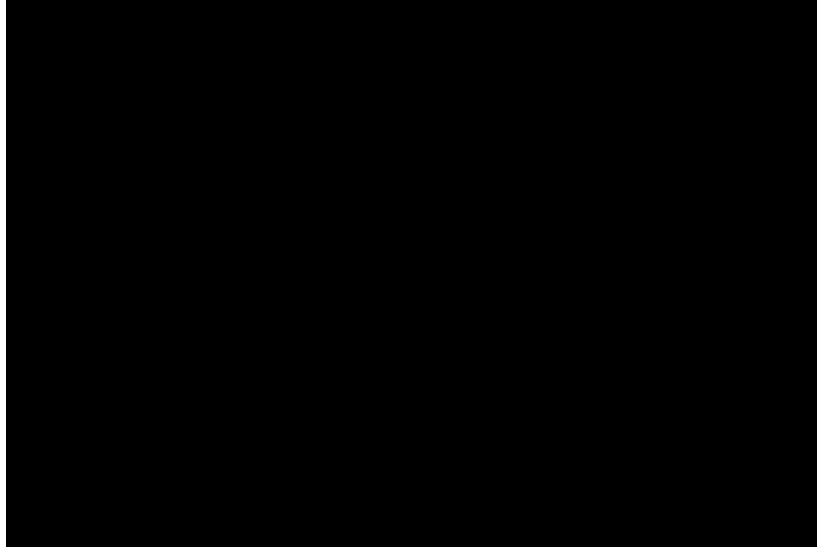


**EXHIBIT 8**  
**SUMMARY OF LOAD BLOCK AWARDS**

| Load Block | Customer Group | SMD Load Zone | Supplier | Basis for Award         |
|------------|----------------|---------------|----------|-------------------------|
| A          | Industrial     | RI            |          | Lowest bidder for block |
| B          | Residential    | RI            |          | Lowest bidder for block |
| C          | Residential    | RI            |          | Lowest bidder for block |
| D          | Commercial     | RI            |          | Lowest bidder for block |
| E          | Commercial     | RI            |          | Lowest bidder for block |



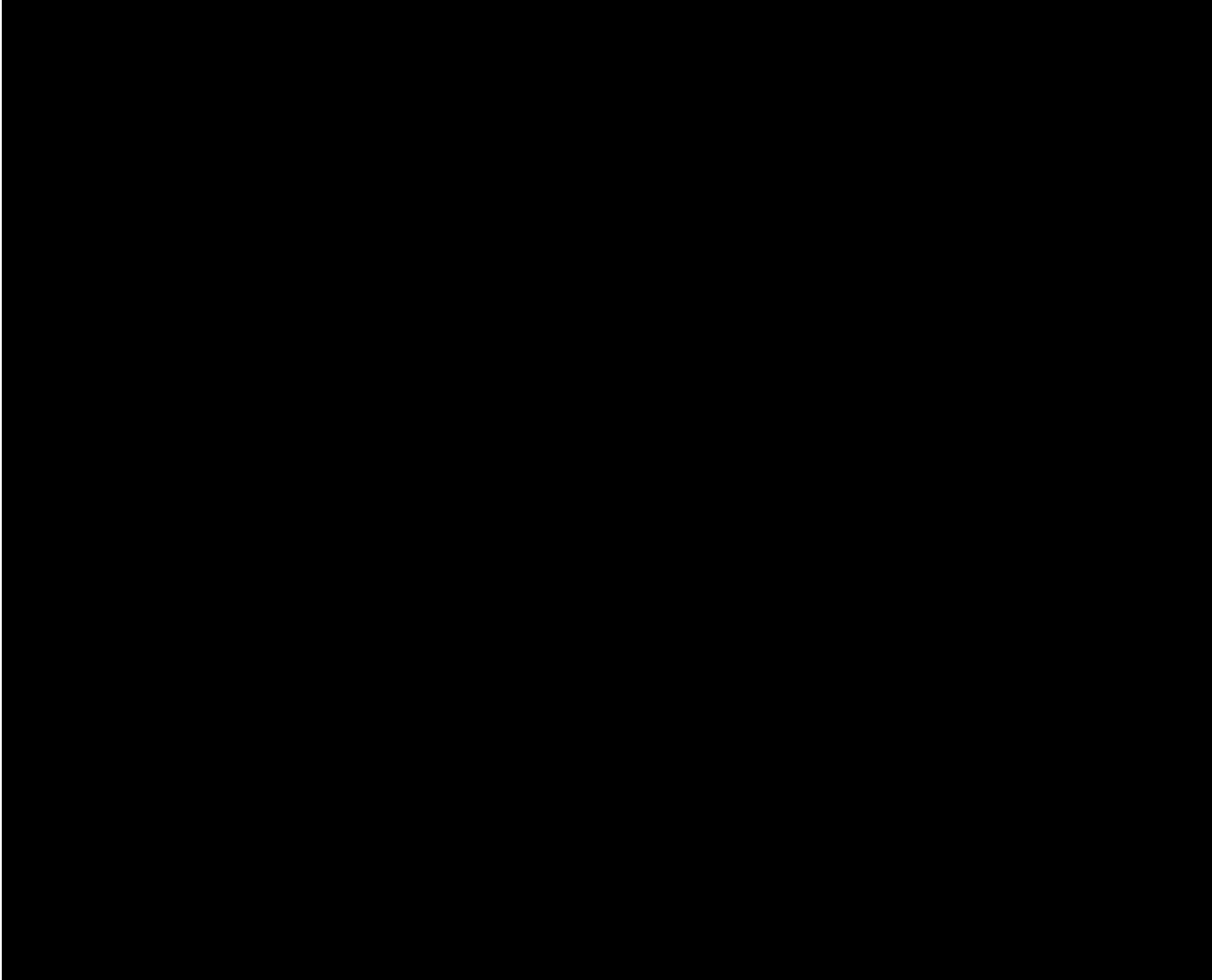
**EXHIBIT 9**  
**BIDDER KEY**



**REDACTED DOCUMENT**

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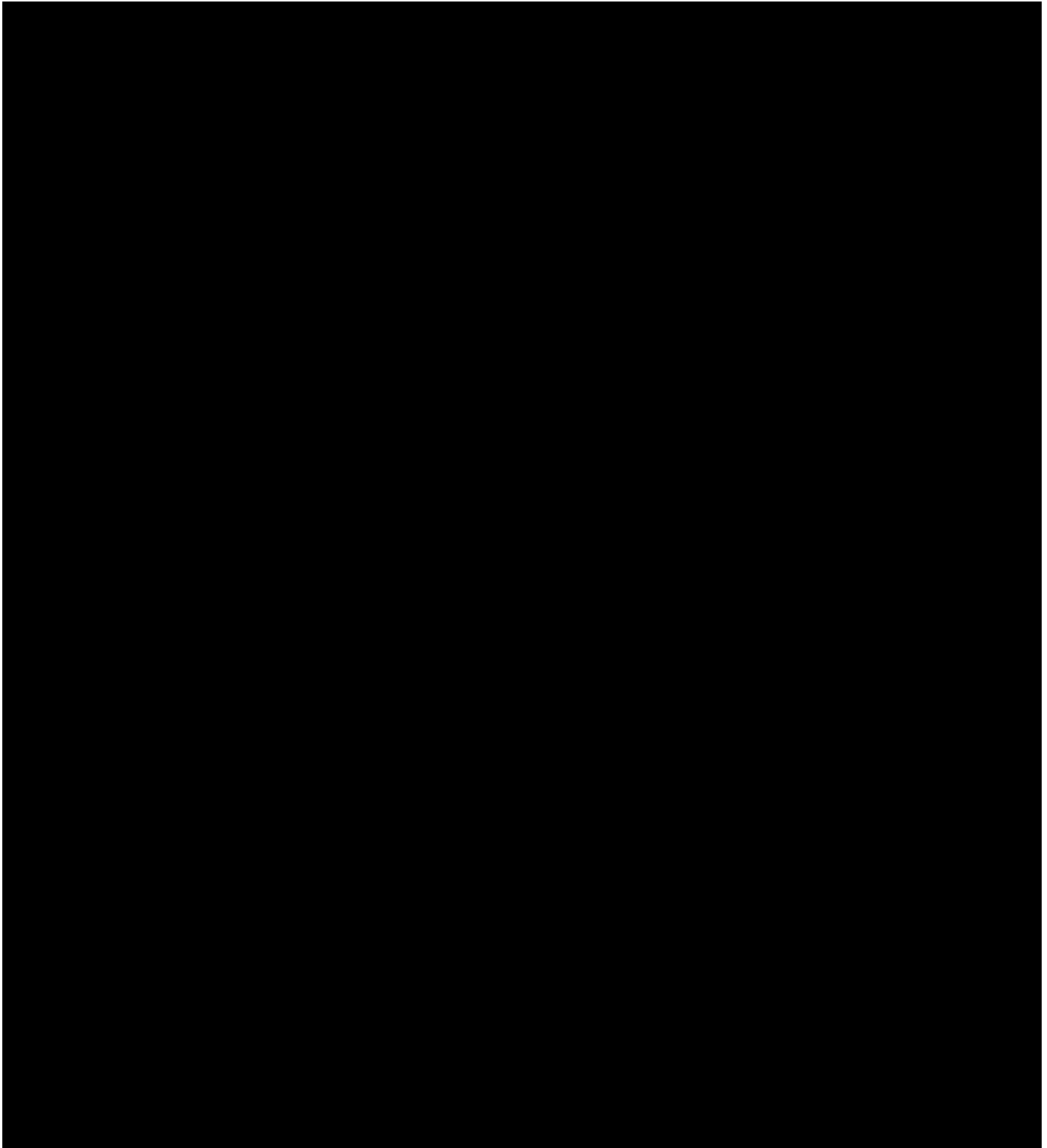
**EXHIBIT 10**  
**BID PREMIUM ESTIMATES**  
**BLOCKS A - C**



**REDACTED DOCUMENT**

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Docket No. 4227

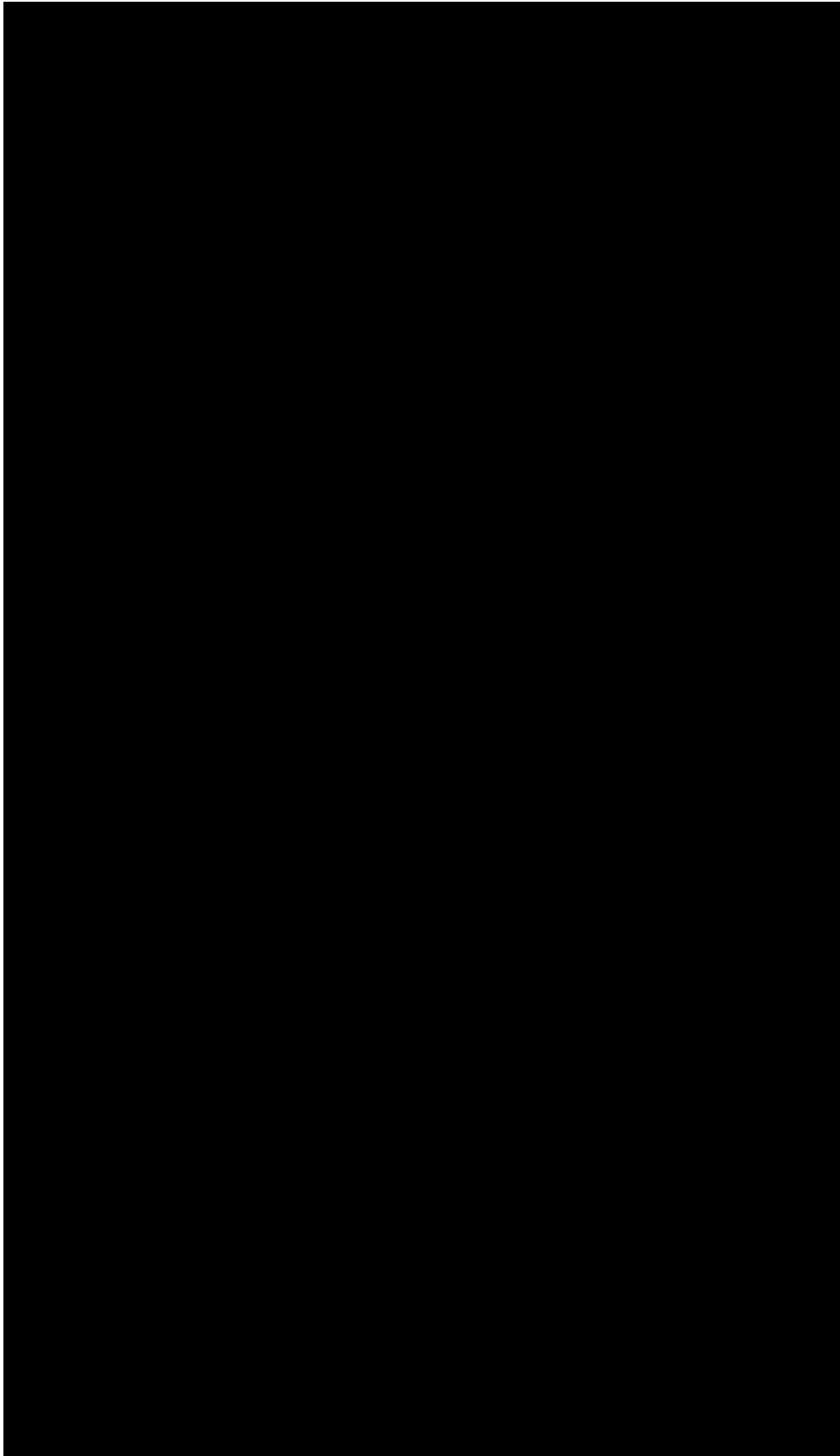
**EXHIBIT 10**  
**BID PREMIUM ESTIMATES**  
**BLOCKS D - E**



**REDACTED DOCUMENT**

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**EXHIBIT 11**  
**SUMMARY OF RES BIDS**



## **EXHIBIT 12** **RES COST ADDER CALCULATION**

### **Section 1: Calculation of RES New Renewable Generation Resource Charge**

- (1) RES New Alternative Compliance Payment or Market Price
- (2) RES New Renewable Generation Resource Obligation
- (3) Incremental Cost - \$/MWh

### **Section 2: Calculation of RES Existing Renewable Generation Resource Charge**

- (1) RES Existing Alternative Compliance Payment or Market Price
- (2) RES Existing Renewable Generation Resource Obligation
- (3) Incremental Cost - \$/MWh

### **Section 3: Calculation of RES Adder**

- (4) Sum of New and Existing Incremental Costs - \$/MWh
- (5) Total RES Obligation %
- (6) Obligation Weighted cost

| YEAR        |                |
|-------------|----------------|
| 2012<br>ACP | 2012<br>Market |
| \$64.02     |                |
| 4.5%        | 4.5%           |
| \$2.88      |                |
| \$64.02     |                |
| 2.0%        | 2.0%           |
| \$1.28      |                |
| \$4.16      |                |
| 6.50%       | 6.50%          |
| \$64.00     |                |

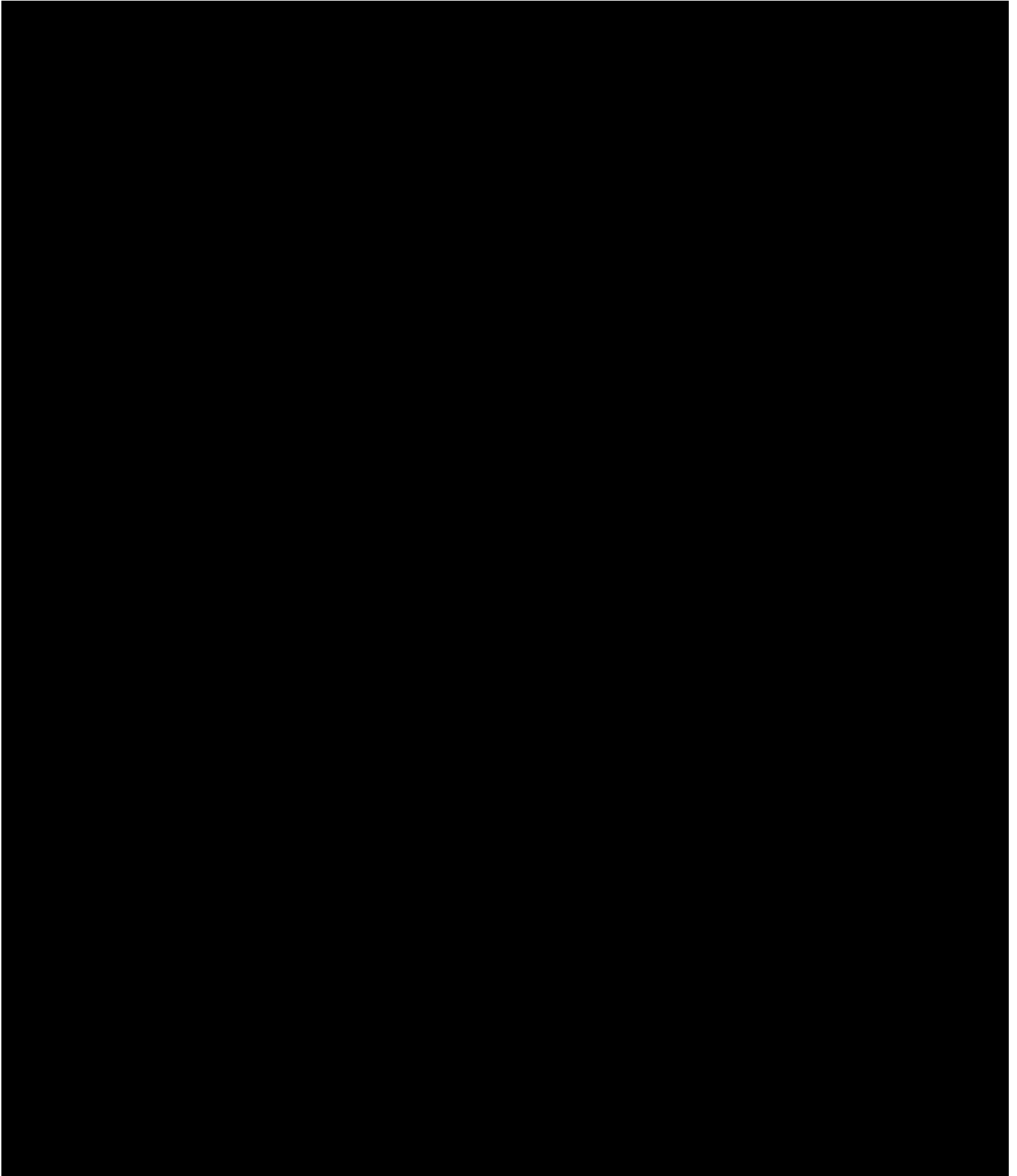
#### **Notes**

- (1) Market Price is estimated cost of procuring RECs in the open market.
- (2) From Rules and Regulations Governing the Implementation of a Renewable Energy Standard
- (3) Line (1) times Line (2)
- (4) Sum of all Line 3's
- (5) Sum of all Line 2's
- (6) Line (4) divided by Line (5)

**REDACTED DOCUMENT**

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**EXHIBIT 13**  
**ESTIMATED RETAIL RATES BASED ON FINAL BID PRICES**





**REDACTED DOCUMENT**

**EXECUTION COPY**

**MASTER POWER AGREEMENT  
FORM OF CONFIRMATION**

This Confirmation shall confirm the Transaction agreed to on, and effective as of May 9, 2012 between **THE NARRAGANSETT ELECTRIC COMPANY**, a Rhode Island corporation (“Buyer”) and [REDACTED] (“Seller”) regarding the sale/purchase of Standard Offer Service specified herein under the terms and conditions under the Master Power Agreement, dated November 10, 2009 (the “Master Power Agreement”) between Buyer and Seller, as specified and modified herein. Terms used but not defined herein shall have the meanings ascribed to them in the Master Power Agreement.

[REDACTED]

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

[REDACTED]

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

[REDACTED]

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

**4. RES Requirement**

RES Requirement shall mean, for each calendar month during the term of this Transaction, zero.

**5. Amount Payable**

The amount payable by the Buyer to Seller in a month shall be the product of (a) the Delivered Energy for Standard Offer Service to the Industrial Customer Group in a month and (b) Industrial Contract Rate in the month.



**REDACTED DOCUMENT**

## 6. Modifications to the Master Power Agreement

The following definitions are added:

**Industrial Contract Rate** means the value as set forth in the Confirmation for the applicable Transaction as applicable to a month in the Delivery Term.

**Industrial Customer Group** means Narragansett's customers in the 200 kW Demand Rate G-32, 3,000 kW Demand Rate G-62, Backup Service Rates B-32 and B62, and Electric Propulsion Rate X-01 retail rate classes, or such other rate classes as may be added from time to time.

## 7. Security

### a. Calculation of Exposure

Exposure shall be calculated in accordance with Paragraph 3 of the CSA, subject to the conditions and definitions below.

**Seller Independent Amount** means zero

**Expected Daily Load** means the average daily load based one year of available actual loads for a given month for the Industrial block, as specified in the following table:

| Award Block | Customer Group | Load Zone | July 2012 | August 2012 | September 2012 |
|-------------|----------------|-----------|-----------|-------------|----------------|
| A           | Industrial     | RI        | 2730      | 2570        | 2500           |

**Adjustment Factor** is 0.85.

**Reference New England Internal Hub Price** means the prices as specified in the following table:

| ISO New England Internal Hub Price         | July 2012 | August 2012 | September 2012 |
|--|-----------|-------------|----------------|
| Off-Peak                                   | 28.53     | 28.53       | 26.47          |
| Peak                                       | 41.16     | 41.16       | 35.03          |
| Reference New England Internal Hub Price** | 34.23     | 34.78       | 30.08          |

\*\*The Reference New England Internal Hub price shall be calculated as ((Peak Price x number of Peak Hours in the Month) + (Off-Peak Price x number of Off-Peak Hours in the Month))/(Total Hours in the Month)), as applicable.

### b. Delivery of Collateral

Within five (5) Business Days after the execution of this Confirmation, Seller shall provide Collateral in accordance with Paragraph 3(a) of the Credit Support Annex of the Master Power Agreement, and in any of the forms specified in Paragraph 6 of the Credit Support Annex of the Master Power Agreement.

**REDACTED DOCUMENT**

**8. Confidentiality**

Articles 1, 2, and 3 of this Confirmation are Confidential Terms within the meaning of Article 23 of the Master Power Agreement.

**9. Ratification of the Terms and Conditions of the Agreement**

(a) Except as expressly amended or waived by this Confirmation, the terms, conditions, covenants, agreements, warranties and representations contained in the Master Power Agreement are in all respects ratified, confirmed and remade as of the date hereof and, except as amended or waived hereby, shall continue in full force and effect.

(b) Nothing in this Confirmation shall, or shall be construed to, alter or amend any other Confirmation.

**10. Counterparts**

This Confirmation may be executed in counterparts, all of which together shall constitute one and the same instrument.

This Confirmation constitutes part of and is subject to the terms and provisions of such Master Power Agreement.

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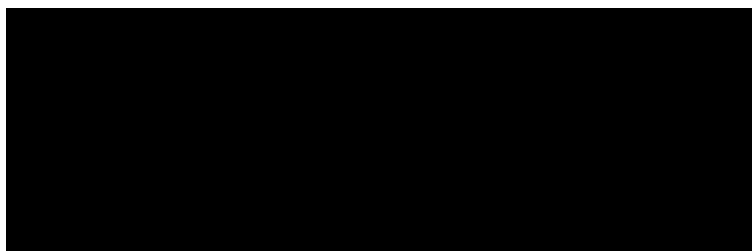
**REDACTED DOCUMENT**

IN WITNESS WHEREOF, the Parties have caused their duly authorized representatives to execute this Confirmation on their behalf as of the date first above written

**THE NARRAGANSETT ELECTRIC COMPANY**

---

Name: Margaret M. Janzen  
Title: Authorized Signatory



REDACTED DOCUMENT

EXECUTION COPY

MASTER POWER AGREEMENT  
FORM OF CONFIRMATION

This Confirmation shall confirm the Transaction agreed to on, and effective as of May 9, 2012 between **THE NARRAGANSETT ELECTRIC COMPANY**, a Rhode Island corporation (“Buyer”) and [REDACTED] (“Seller”) regarding the sale/purchase of Standard Offer Service specified herein under the terms and conditions under the Master Power Agreement, dated November 1, 2011 (the “Master Power Agreement”) between Buyer and Seller, as specified and modified herein. Terms used but not defined herein shall have the meanings ascribed to them in the Master Power Agreement.

[REDACTED]

|            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

[REDACTED]

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

[REDACTED]

|            |            |            |            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] | [REDACTED] |

[REDACTED]

None.

The diagram illustrates a 4x8 grid of cells. The top row features a large black rectangle on the left and a smaller one on the right. The grid below has alternating black and white cells in a checkerboard pattern, with some cells containing black rectangles of varying sizes.

\_\_\_\_\_

\_\_\_\_\_

[REDACTED]

**REDACTED DOCUMENT**

(a) Except as expressly amended or waived by this Confirmation, the terms, conditions, covenants, agreements, warranties and representations contained in the Master Power Agreement are in all respects ratified, confirmed and remade as of the date hereof and, except as amended or waived hereby, shall continue in full force and effect.

(b) Nothing in this Confirmation shall, or shall be construed to, alter or amend any other Confirmation.

**10. Counterparts**

This Confirmation may be executed in counterparts, all of which together shall constitute one and the same instrument.

This Confirmation constitutes part of and is subject to the terms and provisions of such Master Power Agreement.

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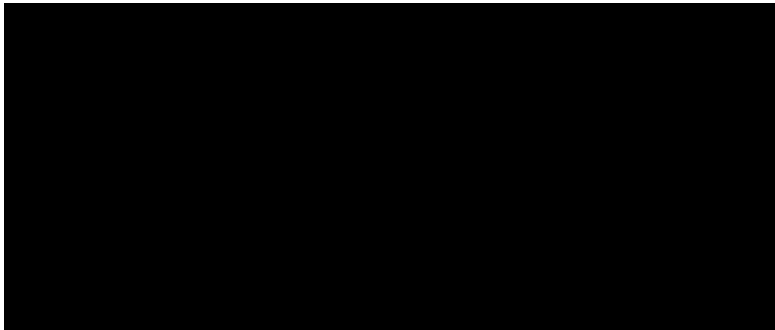
**REDACTED DOCUMENT**

IN WITNESS WHEREOF, the Parties have caused their duly authorized representatives to execute this Confirmation on their behalf as of the date first above written

**THE NARRAGANSETT ELECTRIC COMPANY**

---

Name: Margaret M. Janzen  
Title: Authorized Signatory





**REDACTED DOCUMENT**

**EXECUTION COPY**

**RHODE ISLAND MASTER POWER AGREEMENT**

This **MASTER POWER AGREEMENT** (“Master Power Agreement”) is dated as of **November 1, 2011** and is by and between **THE NARRAGANSETT ELECTRIC COMPANY**, a Rhode Island corporation (“Buyer”) and [REDACTED] (“Seller”). This Master Power Agreement provides for the sale by Seller of Standard Offer Service, as defined herein, to Buyer. Buyer and Seller are referred to herein individually as a “Party” and collectively as the “Parties”.

**ARTICLE 1. BASIC UNDERSTANDINGS**

Seller and Buyer have agreed to execute this Master Power Agreement in order to establish the basic terms of Seller’s provision and sale of, and Buyer’s acceptance and purchase of, Standard Offer Service. This Master Power Agreement, together with the Appendices and written supplements (including any Confirmations) hereto, and any designated collateral, credit support or margin agreement or similar arrangement between the Parties regarding the Transactions (as defined in Article 2), shall be referred to as the “Agreement” and shall constitute the entire agreement between the Parties relating to the subject matter hereof and supersedes any other agreements, written or oral, between the Parties concerning such subject matter but specifically excluding written agreements executed by the Parties prior to the Effective Date.

**ARTICLE 2. DEFINITIONS**

As used in this Agreement, the following terms shall have the meanings specified in this Article. In addition, except as otherwise expressly provided, terms with initial capitalization used in this Agreement and not defined herein shall have the meaning as defined in the NEPOOL Rules.

**Affiliate** means, with respect to any Party, any entity (other than a person) that, directly or indirectly, controls, or is controlled by, or is under common control with, such Party. For this purpose, “control” means the direct or indirect ownership of fifty percent (50%) or more of the outstanding capital stock or other equity interests having ordinary voting power.

**Aggregate RES Requirement** means the total of the RES Requirement for each calendar month during a Delivery Term in which there is an RES Requirement in a Transaction.

**Alternative Compliance Payment Rate means** the value as published by the Rhode Island Public Utilities Commission in accordance with Section 3.2 of the RES Regulations.

**Award Block** means the numerical designation, for administrative purposes only, as may be set forth on a Confirmation to identify Customer Groups to be served from and including the Commencement Date through the Conclusion Date and the associated Load Asset Number and Load Asset Name, or other information as may be associated therewith in a Confirmation.

**REDACTED DOCUMENT**

**Bid Proxy Price** means, the product of (a) the Reference New England Internal Hub Price as set forth in the Confirmation for the applicable Transaction, (b) the Resulting Bid Factor for a calendar month, and (c) the Adjustment Factor.

**Business Day** means a 24-hour period ending at 5:00 p.m. EPT, other than Saturday, Sunday and any day which is a legal holiday or a day on which banking institutions in Providence, Rhode Island are authorized by law or other governmental action to close.

**Buyer** has the meaning set forth in the preamble of this Master Power Agreement, along with any successors, assigns, employees, agents and authorized representatives thereof.

**Buyer's Service Territory** means the geographic area served by The Narragansett Electric Company including the service territory formerly served by Blackstone Valley Electric Company and Newport Electric Corporation which has been merged with and into The Narragansett Electric Company.

**Buyer's System** means the electrical transmission and distribution system of Buyer and the electrical transmission and distribution system of any Affiliate of Buyer.

**Commencement Date** means the period at Hour Ending ("HE") 0100 EPT on the date set forth for each Customer Group in the Confirmation for the applicable Transaction.

**Commercial Contract Rate** means the value as set forth in the Confirmation for the applicable Transaction as applicable to a month or period in the Delivery Term.

**Commercial Customer Group** means Buyer's customers in the General C&I Rate G-02, Small C&I Rate C-06, Decorative Street and Area Lighting Rate S-06, Limited Private Lighting Rate S-10, and General Streetlighting Rate S-14 retail rate classes, or such other rate classes as may be added from time to time.

**Commission** means the Federal Energy Regulatory Commission, or its successor.

**Commodity Business Day** means Monday through Friday, excluding NERC Holidays.

**Competitive Supplier Terms** means Buyer's Terms and Conditions for Nonregulated Power Producers, R.I.P.U.C. No. 1191, as may be amended from time to time and approved by the RIPUC.

**Conclusion Date** means the period at HE 2400 EPT on the date set forth for each Customer Group in the Confirmation for the applicable Transaction.

**Confirmation** means a confirmation that is mutually agreed to and executed by the Parties, which may be in the form set forth in Appendix B or in a form otherwise agreed to by the Parties, such document to serve as a supplement or modification of this Master Power Agreement with respect to a specific Transaction.

**REDACTED DOCUMENT**

**Confirmation Term** means, for the applicable Transaction, the period beginning as of the effective date set forth in a Confirmation and continuing through to the date both Parties have fulfilled all of their obligations with respect to such Transaction.

**Contract Rate** has the meaning set forth in the Confirmation for the applicable Transaction.

**Credit Rating** means, with respect to a Party (or its Credit Support Provider, as the case may be) or entity, on any date of determination, (1) the ratings assigned by Moody's, S&P and/or the other specified rating agency or agencies to such Party's (or its Credit Support Provider's, as the case may be) or entity's unsecured, senior, long-term debt not supported by third party credit enhancement, or (2) if the applicable entity does not have such a rating, then the rating assigned to such entity by Moody's and/or S&P as its corporate credit rating or issuer rating, or (3) if the applicable entity is a financial institution, its unsecured, unsubordinated, long-term deposits by Moody's, S&P and/or the other specified rating agency or agencies. In the event of an inconsistency in ratings by the rating agencies (a "split rating"), the lowest rating assigned shall control.

**Credit Support Annex or CSA** means the credit support annex mutually agreed to and executed by the Parties, in the form set forth as Appendix D hereto and incorporated by reference herein.

**Credit Support Provider** means the entity providing a guaranty substantially in the form set forth in Appendix C of this Master Power Agreement guaranteeing the financial obligations of a Party for the benefit of the other Party.

**Customer Disconnection Date** means the date when a Standard Offer Service Customer is disconnected from service, as determined by Buyer in accordance with the Distribution Service Terms.

**Customer Group** means Buyer's customers who receive Standard Offer Service in the Industrial Customer Group, the Commercial Customer Group, and/or the Residential Customer Group corresponding to each of the foregoing customer groups as specified on the Confirmation for the applicable Transaction.

**Customer Termination Date** means the date when a Standard Offer Service Customer ceases to take service under the Standard Offer Service Tariff, each date as determined by Buyer in accordance with the Distribution Service Terms.

**Daily Proxy Settlement Amount** means, (a) for calculation of the amount owed to Buyer, for a given day, any positive amount resulting from the product of (i) the Expected Daily Load and (ii) the Proxy Price for such day minus the Bid Proxy Price; and (b) for calculation of the amount owed to Seller, for a given day, any positive amount resulting from the product of (i) the Expected Daily Load and (ii) the Bid Proxy Price minus the Proxy Price for such day.

**Delivered Energy** means the quantity of energy, expressed in megawatt-hours, provided by Seller with respect to a specific Transaction. This quantity shall be the sum of the quantity of energy reported to the ISO by Buyer for each of the Load Assets identified in a specific Transaction, with such quantity determined by Buyer in accordance with Section 6.3 of this Master Power Agreement. Such quantity shall not include any allocation of PTF losses (which

**REDACTED DOCUMENT**

the ISO may assess to Seller in relation to such energy), but shall include transmission and distribution losses on Buyer's System from the Delivery Point to the meters of Standard Offer Service Customers.

**Delivery Point** means, for each Load Asset (x) identified in or in accordance with a specific Transaction and (y) as set forth in the Confirmation related to a specific Transaction (i) the Nodes at which the Real-Time Load Obligations are established in the ISO Settlement Power System Model for the registered Load Assets representing the physical loads of Standard Offer Service Customers for the Delivery Term for such customers, identified by the Load Asset ("Loads With Nodes"), for any period and in any location in which there are Loads With Nodes and the ISO requires use of Nodes for Real-Time Load Obligations, or (ii) the Load Zones at which the Real-Time Load Obligations are established in the ISO Settlement Power System Model for the Load Assets representing the physical loads of Standard Offer Service Customers for the Delivery Term for such customers, identified by the Load Asset ("Loads with Zones") if (a) the ISO does not require use of Nodes for Real-Time Load Obligations and (b) the use of Loads with Zones in a calculation of ISO settlement charges and costs yields the same mathematical result as a calculation thereof using Loads with Nodes; or (iii) in the event of neither (i) nor (ii), Loads with Nodes and, in any location in which there are no Loads with Nodes, Loads with Zones.

**Delivery Term(s)** means the period(s) set forth in the Confirmation for a particular Transaction for the respective Standard Offer Service designations, beginning at the top of the HE 01:00 EPT on the Commencement Date (set forth in the applicable Confirmation) and continuing through and including the end of HE 24:00 EPT on the Conclusion Date.

**Distribution Service Terms** means Buyer's Terms and Conditions, R.I.P.U.C. No. 1197, as may be amended from time to time and approved by the RIPUC.

**Effective Date** means the date that this Master Power Agreement is executed by all Parties.

**EPT** means Eastern Prevailing Time.

**Existing Renewable Energy Resource** means as defined in Section 3.10 of the RES Regulations.

**Force Majeure** shall have the meaning set forth in Article 12.

**Governing Documents** means, with respect to any particular entity, (a) if a corporation, the (i) articles of organization, articles of incorporation or certificate of incorporation and (ii) the bylaws; (b) if a general partnership, the partnership agreement and any statement of partnership; (c) if a limited partnership, the limited partnership agreement and the certificate of limited partnership; (d) if a limited liability company, the articles or certificate of organization or formation and operating agreement; (e) if another type of entity, any other charter or similar document adopted or filed in connection with the creation, formation or organization of such entity; (f) all equity holders' agreements, voting agreements, voting trust agreements, joint venture agreements, registration rights agreements or other agreements or documents relating to the organization, management or operation of any entity or relating to the rights, duties and

**REDACTED DOCUMENT**

obligations of the equity holders of any entity; and (g) any amendment or supplement to any of the foregoing.

**Industrial Contract Rate** means the value as set forth in the Confirmation for the applicable Transaction as applicable to a month in the Delivery Term.

**Industrial Customer Group** means Buyer's customers in the 200 kW Demand Rate G-32, 3,000 kW Demand Rate G-62, Backup Service Rates B-32 and B62, and Electric Propulsion Rate X-01 retail rate classes, or such other rate classes as may be added from time to time.

**Initiation Date** means the date a retail customer of Buyer begins taking service pursuant to the Standard Offer Service Tariff as determined by Buyer in accordance with the Distribution Service Terms.

**Interest Rate** means, for any date, the lesser of (a) the per annum rate of interest equal to the prime lending rate as may from time to time be published in *The Wall Street Journal* under "Money Rates" on such day (or if not published on such day, on the most recent preceding day on which published), plus two percent (2%) and (b) the maximum rate permitted by applicable law.

**Investment Grade** means (i) if any entity has a Credit Rating from both S&P and Moody's then, a Credit Rating from S&P equal to "BBB-" and a Credit Rating from Moody's equal to "Baa3"; or (ii) if an entity has a Credit Rating from only one of S&P and Moody's, then a Credit Rating from S&P equal to "BBB-" or a Credit Rating from Moody's equal to "Baa3 or (iii) if the Parties have mutually agreed in writing on an additional or alternative rating agency, then a credit rating equal to that mutually agreed to in writing by the Parties in each Party's sole and exclusive judgment.

**ISO** means ISO New England Inc., authorized by the Commission to exercise for New England the functions required pursuant to the Commission's Order No. 2000 (and its progeny) and the Commission's regulations, and any successor organization (including but not limited to a Regional Transmission Organization.).

**ISO Tariff** means the ISO New England Inc. Transmission, Markets and Services Tariff, FERC Electric Tariff No. 3, as amended, modified, superseded and supplemented from time to time, and including the Market Rules and Procedures.

**ISO New England Operating Documents** means the ISO Tariff and the ISO New England Operating Procedures, as amended, modified, superseded and supplemented from time to time.

**Locational Marginal Pricing** means as set forth in the Market Rules and Procedures.

**Market Rules and Procedures** means the Market Rules, Manuals and Procedures adopted by the ISO and/or NEPOOL, as may be amended from time to time, and as administered by the ISO to govern the operation of the NEPOOL markets.

**Material Adverse Effect** means, with respect to a Party, any change in or effect on such Party after the date of this Agreement that is materially adverse to the transactions contemplated

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hereby, excluding any change or effect resulting from (a) changes in the international, national, regional or local wholesale or retail markets for electric power; (b) changes in the international, national, regional or local markets for any fuel; (c) changes in the North American, national, regional or local electric transmission or distribution systems; and (d) any action or inaction by a governmental authority, but in any such case not affecting the Parties or the transactions contemplated hereby in any manner or degree significantly different from others in the industry as a whole.

**Moody's** means Moody's Investors Service, its successors and assigns.

**MWh** means Megawatt-hour.

**NEPOOL-GIS** means the NEPOOL Generation Information System, which includes a generation information database and certificate system, operated by NEPOOL, its designee or successor entity, that accounts for generation attributes of electricity consumed within New England.

**NEPOOL-GIS Certificates** means a document produced by the NEPOOL-GIS that identifies the relevant generation attributes of each MWh accounted for in the NEPOOL-GIS from a generation unit.

**NEPOOL** means the New England Power Pool, or its successor.

**NEPOOL Agreement** means the Second Restated New England Power Pool Agreement dated as of February 1, 2005, as amended or accepted by the Commission and as may be amended, modified, superseded, supplemented and/or restated from time to time.

**NEPOOL Rules** means all rules adopted by NEPOOL or the ISO, as such rules may be amended, modified, supplemented or superseded and restated from time to time, including but not limited to, the NEPOOL Agreement, the ISO Tariff, the ISO New England Operating Documents, the Transmission Operating Agreement, the Participants Agreement, the NEPOOL Manuals, and the NEPOOL Operating Procedures, as amended, superseded or restated from time to time.

**NERC** means the North American Electric Reliability Corporation.

**Net Worth** means total assets, exclusive of intangible assets, less total liabilities, as reflected on the most recent balance sheet prepared by a certified public accountant as part of a certified financial statement in accordance with generally accepted accounting principles consistently applied in the business sector of the Seller.

**New England Internal Hub Price** means for each day remaining in the current calendar month and each day in all future calendar months during the term of this Transaction : (A) the sum of (x) the product of the applicable On-Peak ISO New England Internal Hub Price times the number of On-Peak Hours in such day and (y) the product of the applicable Off-Peak New England Internal Hub Price times the number of Off-Peak hours in such day and (B) then divided by twenty four (24).



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**New Renewable Energy Resource** means as defined in Section 3.23 of the RES Regulations.

**NYMEX** means the New York Mercantile Exchange, Inc., its successors and assigns,

**Off-Peak Hour** means any hour that is not an On-Peak Hour.

**Off-Peak ISO New England Internal Hub Price** means, in a given month, the ISO New England Off-Peak LMP Swap price as published by NYMEX on a Valuation Date and represented by the NYMEX trading symbol KI.

**On-Peak Hour** means HE 08:00 EPT through HE 23:00 EPT on any Commodity Business Day.

**On-Peak ISO New England Internal Hub Price** means, in a given month, the ISO New England Internal Hub Peak LMP Swap price as published by NYMEX on a Valuation Date and represented by the NYMEX trading symbol NI.

**Proxy Price** means, for a given day, the product of (a) the New England Internal Hub Price for such day, (b) the Resulting Bid Factor for a calendar month, and (c) the Adjustment Factor.

**PTF** means facilities categorized as Pool Transmission Facilities under the ISO Tariff.

**RES** means Renewable Energy Standard.

**RES Regulations** means the Rules and Regulations Governing The Implementation Of A Renewable Energy Standard promulgated pursuant to the Renewable Energy Standard Law Section 39-26-1 et seq. of the General Laws of Rhode Island that implement a Renewable Energy Standard to facilitate the development of renewable energy resources for the benefit of customers in Rhode Island.

**RES Requirement** means the quantity of New Renewable Energy Resource NEPOOL-GIS Certificates and Existing Renewable Energy Resource NEPOOL-GIS Certificates to be provided by Seller as set forth in the Confirmation for a specific Transaction, if any.

**Residential Contract Rate** means the value as set forth in the Confirmation for the applicable Transaction as applicable to a month or period in the Delivery Term.

**Residential Customer Group** means Buyer's customers in the Basic Residential Rate A-16 and Low Income Discount Rate A-60 retail rate classes, or such other rate classes as may be added from time to time.

**Resulting Bid Factor** means (A) the Contract Rate in a calendar month divided by (B) the Reference New England Internal Hub Price for the same calendar month.

**Requirements** means all electric generation and/or market purchases and delivery, to the Delivery Point, of the electric capacity, energy, ancillary services, operating reserves (including forward reserves) and all other market products required by Buyer to provide kilowatt-hours to meet the needs of Standard Offer Service Customers during the Delivery Term.

**RIPUC** means the Rhode Island Public Utilities Commission, or its successor.

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**RI Load Zone** means the Rhode Island Reliability Region as defined in the NEPOOL Rules.

**S&P** means Standard & Poor's Rating Group, its successors and assigns.

**Standard Offer Service** means the provision of Requirements by Seller at the Delivery Point to Buyer to meet all needs of Standard Offer Service Customers.

**Standard Offer Service Customer(s)** means, for a specific Transaction, the customers in each Customer Group set forth in the applicable Confirmation taking service pursuant to the Standard Offer Service Tariff.

**Standard Offer Service Tariff** means Buyer's Tariff for Standard Offer Service, R.I.P.U.C. No. 2011, as may be amended from time to time and approved by the RIPUC.

**Term** means as defined in Section 3.1.

**Transaction** means a particular transaction agreed to by Buyer and Seller relating to the purchase and sale of Standard Offer Service pursuant to this Agreement, as evidenced by the execution of a written Confirmation by Buyer and Seller setting forth the specific terms and conditions thereof.

**ARTICLE 3. TERM, SERVICE PROVISIONS AND REGISTRATION REQUIREMENTS**

Section 3.1 Term

The term of this Master Power Agreement (the "Term") shall commence on the Effective Date and shall continue in effect until the earlier of (i) its termination by any Party upon thirty (30) days' prior written notice and (ii) its termination in accordance with Subsection 7.2(a); provided, however, that such termination shall not affect or excuse the performance of any Party under any provision of this Master Power Agreement that by its terms or operation survives any such termination and, provided further, that this Master Power Agreement and any other documents executed and delivered hereunder shall remain in effect with respect to the Transaction(s) entered into prior to the effective date of such termination until both Parties have fulfilled all of their obligations with respect to such Transaction(s). As of the termination of this Master Power Agreement, subject to the immediately foregoing sentence, and subject to any time limits specifically set forth in this Master Power Agreement or in a Confirmation, the Parties shall no longer be bound by the terms and provisions hereof, except (a) to the extent necessary to enforce the rights and obligations of the Parties arising under this Master Power Agreement before such expiration or termination or (b) that such terms and provisions expressly or by their operation survive the termination or expiration of this Master Power Agreement.

Section 3.2 Commencement of Supply

(a) Beginning as of the Commencement Date for each specific Customer Group in a specific Transaction, Seller shall provide Requirements to Buyer. For purposes of certainty: Seller's obligations on the Commencement Date shall be to provide Requirements for all



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Standard Offer Service Customers identified in the related Confirmation taking service as of and including the Commencement Date.

(b) With respect to each person or entity that becomes a Standard Offer Service Customer subsequent to the applicable Commencement Date, Seller shall provide Requirements to Buyer to meet the needs of the Standard Offer Service Customer(s) as of and including the Initiation Date for such customer initiating such service during the applicable Delivery Term.

(c) If Seller elects to receive electronic notification as provided in Section 3.7, Buyer shall provide to Seller a notice of Initiation Date via electronic file transfer and in a format specified by Buyer. Each notice of Initiation Date shall include the account number, the date Seller's service to Buyer is to begin for a Standard Offer Service Customer and the customer's rate class.

**Section 3.3 Termination and Conclusion of Supply**

(a) With respect to each Standard Offer Service Customer that terminates Standard Offer Service during the applicable Delivery Term, Seller shall provide Requirements to Buyer for such customer on the Customer Termination Date but shall not provide Requirements for such customer after the Customer Termination Date.

(b) If Seller elects to receive electronic notification as provided in Section 3.7, Buyer shall provide to Seller a notice of Customer Termination Date via electronic file transfer and in a format specified by Buyer. Each notice of Customer Termination Date shall include the account number, the Customer Termination Date and the customer's rate class.

(c) Seller's obligation to provide Requirements with respect to each specific Customer Group in a specific Transaction shall cease at the applicable Conclusion Date.

**Section 3.4 Customer Disconnection Date**

(a) With respect to each Standard Offer Service Customer whose Standard Offer Service is disconnected during the applicable Delivery Term, Seller shall provide Requirements to Buyer for such customer on the Customer Disconnection Date but shall not provide Requirements for such customer after the Customer Disconnection Date.

(b) If Seller elects to receive electronic notification as provided in Section 3.7, Buyer shall provide to Seller a notice of Customer Disconnection Date via electronic file transfer and in a format specified by Buyer. Each notice of Customer Disconnection Date shall include the account number, the Customer Disconnection Date and the customer's rate class.

**Section 3.5 Distribution Service Interruptions**

Seller acknowledges that interruptions in distribution service occur and may reduce the load served hereunder. Seller further acknowledges and agrees that Buyer may interrupt distribution service to customers consistent with the Distribution Service Terms and the Competitive Supplier Terms. In no event shall a Party have any liability or obligation to the other Party in respect of any such interruptions in distribution service.

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**Section 3.6    Release of Customer Information**

Buyer will not issue any customer information to Seller unless Seller has first obtained the necessary authorization in accordance with the provisions of the Competitive Supplier Terms.

**Section 3.7    Electronic Notification**

At Seller's election, Buyer shall provide notices contemplated by Sections 3.2, 3.3 and 3.4 via electronic file transfer. Such election shall only be effective when Seller (i) establishes a Windows or Unix file server with capability of sending and receiving File Transfer Protocol ("FTP"), files with Pretty Good Privacy ("PGP"), Encryption/Decryption, and (ii) verifies its ability to transfer files to and receive files from Buyer at least fourteen (14) days prior to the day on which Seller desires to commence electronic receipt.

**Section 3.8    Change in Supply; No Prohibition on Programs**

(a) Seller acknowledges and agrees that the number of customers and the Requirements to meet the needs of such customers will fluctuate throughout the Delivery Term and may equal zero. Buyer shall not be liable to Seller for any losses Seller may incur, including but not limited to lost revenues, and losses that may result from any change in Requirements, number or location of customers taking service, the location of the Delivery Point(s), the composition or components of market products or Requirements, or the market for electricity, or change in the Distribution Service Terms or the Standard Offer Service Tariff. Seller further acknowledges and agrees that there is no limit on the number of Customer Initiation Dates, Customer Termination Dates and Customer Disconnection Dates.

(b) Seller acknowledges and agrees that Buyer has the right but not the obligation to continue, initiate, support or participate in any programs, promotions, or initiatives designed to or with the effect of encouraging customers to leave Standard Offer Service for any reason ("Programs"). Nothing in this Agreement shall be construed to require notice to or approval of Seller in order for Buyer to take any action in relation to Programs.

(c) Seller acknowledges and agrees that Buyer and Affiliates of Buyer will not provide Seller preferential access to or use of Buyer's System and that Seller's sole and exclusive rights and remedies with regard to access to, use or availability of Buyer's System, and Buyer's or Affiliates of Buyer's obligation to transmit electricity are those rights, remedies and obligations provided under the Distribution Service Terms or the NEPOOL Rules.

**Section 3.9    Uniform Disclosure Requirements**

Seller shall provide Buyer information pertaining to power plant emissions, fuel types, labor information and any other information required by Buyer to comply with the uniform disclosure requirements contained in R.I.G.L. Section 39-26-9 and any other disclosure regulations which may be imposed upon Buyer during the term of this Agreement, as such disclosure requirements apply to Standard Offer Service provided by Seller pursuant to this Agreement.

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Seller shall utilize the NEPOOL-GIS to transfer Load Obligations or NEPOOL-GIS Certificates, as applicable, to Buyer's certificate account in the number equal to the Delivered Energy for Standard Offer Service in a month during the term of a Transaction. Such Load Obligations or NEPOOL-GIS Certificates, as applicable, shall be delivered by Seller at least five (5) Business Days prior to the close of the applicable Trading Period. The Load Obligations or NEPOOL-GIS Certificates, as applicable, shall be delivered by Seller to an account within the NEPOOL-GIS designated by Buyer.

**ARTICLE 4. SALE AND PURCHASE**

**Section 4.1 Provision Delivery and Receipt**

With respect to each Transaction, Seller shall provide and deliver to the Delivery Point and Buyer shall receive at the Delivery Point the percent of the Requirements applicable to each Customer Group during the Delivery Term, all as set forth in the Confirmation related to such Transaction.

**Section 4.2 Responsibilities**

(a) Buyer shall arrange with the ISO for transmission service over the PTF and non-PTF from and after the Delivery Point to the customers' meters. Buyer shall be responsible for all transmission costs over the PTF and non-PTF from the Delivery Point to the meters of Buyer's customers. Seller shall be responsible for all transmission and distribution costs associated with the delivery of Requirements to and including the Delivery Point except the transmission costs otherwise provided for in this paragraph.

(b) Seller shall be responsible for all decisions and data submissions associated with the Ownership Share of the Load Assets in ARTICLE 6, Section 6.4 including any bids into the market system to manage these obligations.

(c) Seller shall be responsible for all present and future obligations, requirements, and costs associated with the Requirements and/or Seller's provision thereof, whether system wide or locational based including, but not limited to, the real-time load obligations, capacity obligations and/or charges( including but not limited to installed capacity, unforced capacity, locational installed capacity, locational unforced capacity, forward capacity market obligations, forward capacity market transition payment obligations), regulation obligations and/or charges (including any regulation opportunity costs), operating reserve obligations and/or charges (including, but not limited to, (w) any real-time reserve charges, (x) any forward reserve charges, (y) any charges associated with reserve constraint penalty factors, and (z) net commitment period compensation ("NCPC") charges (other than monthly fixed-cost charges paid to resources pursuant to reliability agreements negotiated under Market Rule 1 Appendix A, Section III.A.6 and Exhibit 2)), emergency energy charges, inadvertent energy revenue charges, ISO Schedule 1 charges (other than ISO Schedule 1 charges that are both (i) associated with Buyer's Regional Network Service and (ii) allocated on the basis of Regional Network Load), ISO Schedule 2 charges, ISO Schedule 3 charges, day-ahead energy market charges, and real-time energy market charges at the nodes, if any, and if none, the zones representing the actual locations of the meters

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of the Standard Offer Service Customers, and any other requirements, market products, expenses and charges imposed by NEPOOL or the ISO, as they may be in effect from time to time related to the provision and/or delivery of Requirements to and including the Delivery Point. Except as otherwise specifically excluded in this paragraph, Seller's responsibility for costs and charges shall be without regard to the manner in which they are allocated by NEPOOL or the ISO.

(d) Seller shall be responsible for all costs and components thereof of any Locational Marginal Prices to provide Standard Offer Service (during the applicable Delivery Term), including its delivery to the Delivery Point. These components include the energy component, loss component, and congestion component.

(e) Seller shall be responsible for all congestion charges for delivery to the actual meters of Standard Offer Service Customers (during the applicable Delivery Term).

(f) Seller shall utilize the NEPOOL-GIS to transfer the quantity of NEPOOL-GIS Certificates from New or Existing Renewable Energy Resources equal to the RES Requirement to the account within the NEPOOL-GIS designated by Buyer. Seller may satisfy the Aggregate RES Requirement at any time during the Delivery Term for a Confirmation provided such delivery occurs at least five (5) Business Days prior to the close of the applicable Trading Period associated with the Delivery Term; provided further, however, that the total number of NEPOOL-GIS Certificates from New or Existing Renewable Energy Resources shall not exceed the Aggregate RES Requirement for a Transaction.

(g) Seller shall notify Buyer within one Business Day of receipt of notice of termination from the ISO or event of default or similar occurrence under the Market Participant Service Agreement.

## **ARTICLE 5. AMOUNT, BILLING and PAYMENT**

### **Section 5.1 Amount**

The amount payable by Buyer to Seller shall be the sum of the amounts due under all applicable Transactions.

### **Section 5.2 Billing and Payment**

(a) On or before the tenth (10th) day of each month during the Term, Seller shall calculate the amount due and payable to Seller pursuant to Section 5.1 with respect to the preceding month (the "Calculation"). Seller shall provide the Calculation to Buyer and such Calculation shall include sufficient detail for Buyer to verify its formulation and computation. Calculations under this paragraph shall be subject to recalculation in accordance with Article 6 and shall be subject to adjustment (positive or negative) based upon such recalculation (a "Reconciliation Adjustment"). Seller shall promptly calculate the Reconciliation Adjustment upon receiving data described in Section 6.3 and shall include the adjustment, if any, in the next month's Invoice. A Reconciliation Adjustment based upon a change in the quantity for an earlier month shall be calculated using the applicable Contract Rate for the month in which the Delivered Energy was received.

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(c) Each Party shall notify the other Party upon becoming aware of an error in an Invoice, Calculation or Reconciliation Adjustment (whether the amount is paid or not) and Seller shall promptly issue a corrected Invoice. Overpayments shall be returned by the receiving Party upon request or deducted by the receiving Party from subsequent invoices, with interest accrued at the Interest Rate from the date of the receipt of the overpayment until the date paid or deducted.

#### Section 5.3 Challenge to Invoices

Unless otherwise agreed: (i) either Party may challenge, in writing, the accuracy of Calculations, Invoices or Reconciliation Adjustments (or the data utilized in the forgoing) no later than twenty-four (24) months after the Due Date of the Invoice in which the disputed information is contained; (ii) if a Party does not challenge the accuracy within such twenty-four (24) month period, such Invoice shall be binding upon that Party and shall not be subject to challenge. If an Invoice is paid and thereafter the payment or the Invoice on which the payment was based is disputed, upon notice of dispute, the Party receiving payment shall hold the amount in dispute in escrow for the benefit of the prevailing Party until the resolution of such dispute. If any amount in dispute is ultimately determined (under the terms herein) to be due to the other Party, it shall be paid or returned (as the case may be) to the other Party within three (3) Business Days of such determination along with interest accrued at the Interest Rate from the (i) date due and owing in accordance with the Invoice until the date paid or (ii) if the amount was paid and is to be returned, from the date paid, until (but not including) the date returned.

#### Section 5.4 Taxes, Fees and Levies

Seller shall pay or cause to be paid all taxes, fees, levies, penalties, licenses or charges imposed by any government authority ("Taxes") on or with respect to the Requirements up to and at the Delivery Point. Buyer shall pay or cause to be paid all Taxes on or with respect to the Requirements and NEPOOL-GIS Certificates after the Delivery Point (other than ad valorem, franchise or income taxes which are related to the sale of the Requirements and are, therefore, the responsibility of the Seller). If a party is required to remit or pay Taxes that are the other party's responsibility hereunder, the party responsible for such Taxes shall promptly reimburse

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the other party for such Taxes. All Requirements, including electricity and other related market products delivered hereunder by Seller to Buyer shall be sales for resale with Buyer reselling such electricity and products.

**Section 5.5    Netting and Setoff**

Except for security provided pursuant to this Agreement (which shall not be considered for purposes of this Section 5.5) and unless otherwise specified in another agreement between the Parties, if the Parties are required to pay an amount on the same date each to the other under this Agreement or any other agreement between the Parties, or if any costs that are a Party's responsibility under this Agreement are incorrectly or inappropriately charged to the Party by the ISO, such amounts shall be netted, and the Party owing the greater aggregate amount shall pay to the other Party any difference between the amounts owed. Each Party reserves all rights, setoffs, counterclaims and other remedies and defenses (to the extent not expressly herein or therein waived or denied) that such Party has or to which such Party may be entitled arising from or out of this Agreement or the other agreement. Further, if Buyer incurs any costs or charges that are the responsibility of Seller under this Agreement, such costs or charges may, at Buyer's election, be netted against any amount due to Seller under this Agreement.

**ARTICLE 6.            QUALITY; LOSSES and QUANTITIES REQUIRED;  
DETERMINATION AND REPORTING OF HOURLY LOADS**

**Section 6.1    Quality**

All electricity shall be delivered to Buyer in the form of three-phase sixty-hertz alternating current at the Delivery Point.

**Section 6.2    Losses**

Seller shall be responsible for all transmission and distribution losses and the costs related to such losses and associated with the Requirements, namely, losses from the Delivery Point to the meters of the Standard Offer Service Customers. Seller shall provide to Buyer at the Delivery Point quantities of electricity and ancillary services, capacity and all other market products related thereto to cover such losses from the Delivery Point to the meters of Standard Offer Service Customers. The quantities required for this purpose in each hour of a billing period shall be determined in accordance with ISO's and Buyer's procedures for loss determination.

**Section 6.3    Determination and Reporting of Hourly Loads**

(a) Buyer will estimate the Delivered Energy for Standard Offer Service provided by Seller pursuant to each Transaction based upon average load profiles developed for each of Buyer's customer classes and Buyer's actual total hourly load. Buyer shall report to the ISO and Seller, the estimated Delivered Energy for each Transaction. Buyer will normally report to the ISO and to Seller Seller's estimated Delivered Energy by 1:00 P.M. EPT of the second following Business Day. Appendix A provides a general description of the estimation process that Buyer will initially employ (the "Estimation Process"). Buyer shall have the right but not the





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## **ARTICLE 8. NOTICES, REPRESENTATIVES OF THE PARTIES**

### **Section 8.1 Notices**

Any notice, demand, or request required or authorized by this Agreement to be given by one Party to another Party shall be in writing. It shall either be sent by facsimile (with receipt confirmed by telephone and electronic transmittal receipt), courier, personally delivered (including overnight delivery service) or mailed, postage prepaid, to the representative of the other Party designated in accordance with this Article. Any such notice, demand, or request shall be deemed to be given (i) when sent by facsimile confirmed by telephone and electronic transmittal receipt, (ii) when actually received if delivered by courier or personal delivery (including overnight delivery service) or (iii) seven (7) days after deposit in the United States mail, if sent by first class mail return receipt requested.

Notices and other communications by Seller to Buyer shall be addressed to:

All Notices:

Director, Wholesale Electric Supply  
National Grid  
100 East Old Country Road  
Hicksville, NY 11801  
(516) 545-3282 (phone)  
(516) 545-3130 (fax)

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Article 7 Notices:

General Counsel  
National Grid  
40 Sylvan Road  
Waltham, MA 02451  
(781) 907-1000 (phone)  
(781) 907-5701 (fax)

Invoices and Payment Notices:  
Manager, Energy Accounting  
100 East Old Country Road  
Hicksville, NY 11801  
(516) 545-6061 (phone)  
(516) 545-5469 (fax)

Notices and other communications by Buyer to Seller shall be addressed to:

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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Any Party may change its representative or address for notices by written notice to the other Party; however such notice shall not be effective until it is received by the other Party.

Section 8.2 Authority of Representative

The Parties' representatives shall have full authority to act for their respective Party in all matters relating to the performance of this Agreement.

**ARTICLE 9. LIABILITY; INDEMNIFICATION; RELATIONSHIP OF PARTIES**

Section 9.1 Limitation on Consequential, Incidental and Indirect Damages

EXCEPT AS EXPRESSLY PROVIDED IN SECTION 9.2, TO THE FULLEST EXTENT PERMISSIBLE BY LAW, NEITHER THE BUYER NOR SELLER, NOR THEIR RESPECTIVE OFFICERS, DIRECTORS, AGENTS, EMPLOYEES, PARENT OR AFFILIATES, SUCCESSOR OR ASSIGNS, OR THEIR RESPECTIVE OFFICERS, DIRECTORS, AGENTS, OR EMPLOYEES, SUCCESSORS, OR ASSIGNS, SHALL BE LIABLE TO THE OTHER PARTY OR ITS PARENT, SUBSIDIARIES, AFFILIATES, OFFICERS, DIRECTORS, AGENTS, EMPLOYEES, SUCCESSORS OR ASSIGNS, FOR CLAIMS, SUITS, ACTIONS OR CAUSES OF ACTION FOR INCIDENTAL, INDIRECT, SPECIAL, PUNITIVE, MULTIPLE OR CONSEQUENTIAL DAMAGES (INCLUDING ATTORNEY'S FEES OR LITIGATION COSTS EXCEPT AS EXPRESSLY PROVIDED IN SECTION 15.2 AND IN ACCORDANCE WITH THE LIMITATION THEREUNDER) CONNECTED WITH OR RESULTING FROM PERFORMANCE OR NON-PERFORMANCE OF THIS AGREEMENT, OR ANY ACTIONS UNDERTAKEN IN CONNECTION WITH OR RELATED TO THIS AGREEMENT, INCLUDING WITHOUT LIMITATION ANY SUCH DAMAGES WHICH ARE BASED UPON CAUSES OF ACTION FOR BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE AND MISREPRESENTATION), BREACH OF WARRANTY, STRICT LIABILITY, STATUTE, OPERATION OF LAW, OR ANY OTHER THEORY OF RECOVERY. THE PROVISIONS OF THIS SECTION SHALL APPLY REGARDLESS OF FAULT AND SHALL SURVIVE TERMINATION, CANCELLATION, SUSPENSION, COMPLETION OR EXPIRATION OF THIS AGREEMENT.

Section 9.2 Title, Risk of Loss and Indemnity

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(a) Title and Risk of Loss. Title to and risk of loss related to the Requirements shall transfer from Seller to Buyer at the Delivery Point. Seller warrants that it will deliver to Buyer the Requirements free and clear of all liens, security interests, claims and encumbrances or any interest therein or thereto by any person arising prior to the Delivery Point.

(b) Indemnity. Each party shall indemnify, defend and hold harmless the other party from and against any claims arising from or out of any event, circumstance, act or incident first occurring or existing during the period when control and title to the Requirements is vested in such party as provided for herein. Each party shall indemnify, defend and hold harmless the other party against any Taxes for which such party is responsible.

Section 9.3 Independent Contractor Status

Nothing in this Agreement shall be construed as creating any relationship between Buyer and Seller other than that of independent contractors for the sale and delivery of Requirements for Standard Offer Service.

**ARTICLE 10. ASSIGNMENT**

Section 10.1 General Prohibition Against Assignments

Except as provided in Section 10.2, neither Party shall assign, pledge or otherwise transfer this Agreement or any right or obligation under this Agreement without first obtaining the other Party's written consent, which consent shall not be unreasonably withheld.

Section 10.2 Exceptions to Prohibition Against Assignments

(a) Seller may, without Buyer's prior written consent, collaterally assign this Agreement in connection with financing arrangements provided that any such collateral assignment that provides for Buyer to direct payments to the collateral agent (i) shall be in writing, (ii) shall not be altered or amended without prior written notice to Buyer from both Seller and the collateral agent, and (iii) provided that any payment made by Buyer to the collateral agent shall discharge Buyer's obligation as fully and to the same extent as if it had been made to the Seller. Seller must provide Buyer at least ten (10) days advance written notice of collateral assignment and provide copies of any such assignment and relevant agreements or writings.

(b) Either Party may, upon written notice, assign its rights and obligations hereunder, or transfer such rights and obligations by operation of law, to any entity with which or into which such Party shall merge or consolidate or to which such Party shall transfer all or substantially all of its assets, provided that such other entity agrees to be bound by the terms hereof and provided further, that such other entity's creditworthiness is comparable to or higher than that of such Party at the time this Agreement was executed and such Party is not relieved of any obligation or liability hereunder as a result of such assignment

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**ARTICLE 11. SUCCESSORS AND ASSIGNS**

This Agreement shall inure to the benefit of and shall be binding upon the Parties hereto and their respective successors and permitted assigns.

**ARTICLE 12. FORCE MAJEURE**

(a) Force Majeure means an event or circumstance which prevents one Party from performing any Transaction, which event or circumstance was not anticipated as of the date the Transaction was entered into, which is not within the reasonable control of, or the result of the negligence of the Party claiming Force Majeure, and which by the exercise of due diligence, the Party claiming Force Majeure is unable to overcome or avoid or cause to be avoided. Force Majeure shall include but not be limited to acts of God, earthquakes, fires, floods, storms, strikes, labor disputes, riots, insurrections, acts of war (whether declared or otherwise), terrorism, acts of terrorism, acts of governmental, regulatory or judicial bodies, but if and only to the extent that such event or circumstance (i) directly affects the availability of the transmission or distribution facilities of the New England Transmission System, Buyer or an Affiliate of Buyer necessary to provide service to Buyer's customers which are taking service pursuant to the Standard Offer Service Tariff and (ii) it is not within the reasonable control of, or the result of the negligence of, the claiming Party, and which, by the exercise of due diligence, the claiming Party is unable to overcome or avoid or cause to be avoided. Force Majeure shall not be based on (A) fluctuations in Standard Offer Service, (B) the cost to a Party to overcome or avoid, or cause to be avoided, the event or circumstance affecting such Party's performance or (C) events affecting the availability or cost of operating any generating facility.

(b) To the extent that either Party is prevented by Force Majeure from carrying out, in whole or in part, its obligations hereunder and (i) such Party gives notice and detail of the Force Majeure to the other Party as soon as practicable after the onset of the Force Majeure, including an estimate of its expected duration and the probable impact on the performance of its obligations hereunder; (ii) the suspension of performance is of no greater scope and of no longer duration than is required by the Force Majeure, and (iii) the Party claiming Force Majeure uses commercially reasonable efforts to remedy or remove the inability to perform caused by Force Majeure, then the affected Party shall be excused from the performance of its obligations prevented by Force Majeure. However, neither Party shall be required to pay for any obligation the performance of which is excused by Force Majeure. This paragraph shall not require the settlement of any strike, walkout, lockout or other labor dispute on terms which, in the sole judgment of the Party involved in the dispute are contrary to its interest. It is understood and agreed that the settlement of strikes, walkouts, lockouts or other labor disputes shall be entirely within the discretion of the Party involved in the dispute.

(c) No obligations of either Party which arose before the Force Majeure occurrence causing the suspension of performance shall be excused as a result of the event of Force Majeure.

(d) Prior to the resumption of performance suspended as a result of a Force Majeure occurrence, the Party claiming the Force Majeure shall give the other Party written notice of such resumption.

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**ARTICLE 13. WAIVERS**

No delay or omission in the exercise of any right under this Agreement shall impair any such right or shall be taken, construed or considered as a waiver or relinquishment thereof, but any such right may be exercised from time to time and as often as may be deemed expedient. The waiver of any single breach or default of any term or condition of this Agreement shall not be deemed to constitute the waiver of any other prior or subsequent breach or default of the Agreement or any other term or condition.

**ARTICLE 14. LAWS AND REGULATIONS**

(a) This Agreement and all rights, obligations, and performances of the Parties hereunder, are subject to all applicable federal and state laws, and to all duly promulgated orders and other duly authorized action of governmental authorities having jurisdiction hereof ("Applicable Law"). If there occurs any adverse change in Applicable Law that (i) renders any Transaction(s) or this Agreement illegal or unenforceable (any such Transaction(s) and/or the Agreement collectively, Affected Transaction") or (ii) would render performance by a Party illegal or unenforceable (a "Change in Law"), then promptly after the occurrence of such Change in Law, the Parties will use their best efforts to reform the Affected Transaction, as necessary in order to give effect to the original intention of the Parties. If the Parties are unable, despite such efforts, to reform the Affected Transaction within ten (10) Business Days following the occurrence of the Change in Law, either Party may, at its sole option terminate the Affected Transaction and upon termination neither Party will have any further obligation to the other Party, except with respect to obligations arising prior to such termination.

(b) The rates, terms and conditions contained in this Agreement are not subject to change under Section 205 of the Federal Power Act as that section may be amended or superseded, absent the mutual written agreement of the Parties. Each Party irrevocably waives its rights, including its rights under §§ 205-206 of the Federal Power Act, unilaterally to seek or support a change in the rate(s), charges, classifications, terms or conditions of this Agreement or any other agreements entered into in connection with this Agreement. By this provision, each Party expressly waives its right to seek or support: (i) an order from the Commission finding that the market-based rate(s), charges, classifications, terms or conditions agreed to by the Parties in the Agreement are unjust and unreasonable; or (ii) any refund with respect thereto. Each Party agrees not to make or support such a filing or request, and that these covenants and waivers shall be binding notwithstanding any regulatory or market changes that may occur hereafter and (z) that it shall not challenge or support a challenge to the enforceability of the waiver in this Section (b).

(c) Absent the agreement of all Parties to a proposed change, the standard of review for changes to this Agreement proposed by a non-party or the Commission acting sua sponte shall be the "public interest" standard of review set forth in United Gas Pipe Line Co. v. Mobile Gas Service Corp., 350 U.S. 332 (1956) and Federal Power Commission v. Sierra Pacific Power Co., 350 U.S. 348 (1956) and clarified by Morgan Stanley Capital Group, Inc. v. Public Util. Dist. No. 1 of Snohomish 554 U.S. \_\_\_ (2008) (the "Mobile-Sierra" doctrine).



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(d) The Parties agree that, if and to the extent that the Commission adopts a final rule or order which requires that, in order to exclude application of the just and reasonable standard of review and to mandate application of the public interest standard of review under the Mobile-Sierra doctrine for a proposed change to this Agreement which is not agreed to by all Parties, the Parties must agree to language which varies from that set forth in Article 14(c) then, without further action of either Party, Article 14(c) will be deemed amended to incorporate the specific language required by such final rule or order as is necessary to have the public interest standard of review under the Mobile-Sierra doctrine apply to any proposed change to this Agreement to which all Parties do not agree.

(e) Nothing in this Article 14 is intended to modify any Party's right to enforce the terms of this Agreement as written.

**ARTICLE 15. INTERPRETATION, DISPUTE RESOLUTION**

**Section 15.1 Governing Law**

The Agreement shall be governed by and construed and performed in accordance with and the laws of the State of Rhode Island, without giving effect to its conflict of laws principles.

**Section 15.2 Dispute Resolution**

All disputes between Buyer and Seller under this Agreement shall be referred, upon notice by one Party to the other Party, to a senior manager of Seller designated by Seller, and a senior manager of Buyer designated by Buyer, for resolution on an informal basis as promptly as practicable. In the event the designated senior managers are unable to resolve the dispute within ten (10) days of receipt of the notice, or such other period to which the Parties may jointly agree, the Parties shall be free to pursue other remedies.

**Section 15.3 Venue; Waiver of Jury Trial**

Each Party knowingly, voluntarily, and irrevocably (i) submits to the exclusive jurisdiction of the federal court located in the State of Rhode Island, County of Providence (ii) waives any objection which it may have to the laying of venue of any proceedings brought in any such court; and (iii) waives any claim that such proceedings have been brought in an inconvenient forum. EACH PARTY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY RIGHT IT MAY HAVE TO A TRIAL BY JURY IN RESPECT OF ANY SUIT, ACTION OR PROCEEDING RELATING TO THIS AGREEMENT.

**ARTICLE 16. SEVERABILITY**

Any provision declared or rendered unlawful by any applicable court of law or regulatory agency or deemed unlawful because of a statutory change will not otherwise affect the remaining provisions and lawful obligations that arise under this Agreement. If any provision of this Agreement, or the application thereof to any Party or any circumstance, is invalid or unenforceable, (a) a suitable and equitable provision shall be substituted therefor in order to

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carry out, so far as may be valid and enforceable, the intent and purpose of such invalid or unenforceable provision, and (b) the remainder of this Agreement and the application of such provision or circumstances shall not be affected by such invalidity or unenforceability.

**ARTICLE 17. MODIFICATIONS**

No modification or amendment of this Agreement will be binding on any Party unless it is in writing and signed by both Parties.

**ARTICLE 18. ENTIRE AGREEMENT**

This Master Power Agreement, including the Appendices, any Confirmations relating to specific Transactions, the tariffs and agreements referred to herein or therein, embody the entire agreement and understanding of the Parties in respect of the transactions contemplated by this Agreement. There are no restrictions, promises, representations, warranties, covenants or undertakings, other than those expressly set forth or referred to herein or therein. It is expressly acknowledged and agreed that there are no restrictions, promises, representations, warranties, covenants or undertakings contained in any material provided or otherwise made available by the Seller or Buyer to each other. This Agreement supersedes all prior agreements and understandings between the Parties with respect to the transactions contemplated hereby and specifically excludes written agreements executed by the Parties prior to the Effective Date.

**ARTICLE 19. COUNTERPARTS**

This Agreement may be executed in any number of counterparts, and each executed counterpart shall have the same force and effect as an original instrument.

**ARTICLE 20. INTERPRETATION; CONSTRUCTION**

The article and section headings contained in this Agreement are solely for the purpose of reference, are not part of the agreement of the Parties and shall not in any way affect the meaning or interpretation of this Agreement. For purposes of this Agreement, the term "including" shall mean "including, without limitation". The Parties acknowledge that, each Party and its counsel have reviewed and or revised this Agreement and that any rule of construction to the effect that any ambiguities are to be resolved against the drafting Party shall not be employed in the interpretation of this Agreement, and it is the result of joint discussion and negotiation. The parties agree that the provisions of Article 2 (Sales) of the Uniform Commercial Code shall not apply to this Master Power Agreement, nor shall such terms be used by analogy in the interpretation of this Master Power Agreement.

**ARTICLE 21. REPRESENTATIONS; WARRANTIES AND COVENANTS**

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Each Party represents to the other Parties, upon execution and continuing throughout the term of this Agreement, as follows:

(a) It is duly organized in the form of business entity set forth in the first paragraph of this Agreement, validly existing and in good standing under the laws of its state of its organization and has all requisite power and authority to carry on its business as is now being conducted, including all regulatory authorizations as necessary for it to legally perform its obligations hereunder.

(b) It has full power and authority to execute and deliver this Master Power Agreement and any and all Confirmations related to Transactions and to consummate and perform the transactions contemplated hereby. This Master Power Agreement has been, and any Confirmation will be, duly and validly executed and delivered by it, and, assuming that this Master Power Agreement, together with any and all Confirmations, constitutes a valid and binding agreement of the other Parties, constitute together its valid and binding agreement, enforceable against it in accordance with its terms, subject to bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium and similar laws of general applicability relating to or affecting creditors' rights and to general equitable principles.

(c) Such execution, delivery and performance do not violate or conflict with any law applicable to it, any provision of its constitutional documents, or the terms of any note, bond, mortgage, indenture, deed of trust, license, franchise, permit, concession, contract, lease or other instrument to which it is bound, any order or judgment of any court or other agency of government applicable to it or any of its assets or any contractual restriction binding on or affecting it or any of its assets.

(d) No declaration, filing with, notice to, or authorization, permit, consent or approval of any governmental authority is required for the execution and delivery of this Master Power Agreement or any and all Confirmations related to a Transaction by it or the performance by it of its obligations hereunder and thereunder, other than such declarations, filings, registrations, notices, authorizations, permits, consents or approvals which, if not obtained or made, will not, in the aggregate, have a Material Adverse Effect.

(e) Neither the execution and delivery of this Master Power Agreement or any and all Confirmations by it, nor the performance by it of its obligations under this Master Power Agreement and any and all Confirmations related to Transactions, will or does (i) conflict with or result in any breach of any provision of its Governing Documents, (ii) result in a default (or give rise to any right of termination, cancellation or acceleration) under any of the terms, conditions or provisions of any note, bond, mortgage, indenture, license, agreement or other instrument or obligation to which it or any of its subsidiaries is a party or by which it or any of its subsidiaries is bound, except for such defaults (or rights of termination, cancellation or acceleration) as to which requisite waivers or consents have been obtained or which, in the aggregate, would not have a Material Adverse Effect; or (iii) violate any order, writ, injunction, decree, statute, rule or regulation applicable to it, which violation would have a Material Adverse Effect.

(f) There are no claims, actions, proceedings or investigations pending or, to its knowledge, threatened against or relating to it before any governmental authority acting in an adjudicative capacity relating to the transactions contemplated hereby that could have a Material

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Adverse Effect. It is not subject to any outstanding judgment, rule, order, writ, injunction or decree of any court or governmental authority which, individually or in the aggregate, would create a Material Adverse Effect.

(g) There are no bankruptcy, insolvency, reorganization, receivership or other similar proceedings pending or being contemplated by it, or of its knowledge threatened against it.

(h) With respect to Seller, (i) it and the ISO have fully executed a Market Participant Service Agreement ("Seller's MPSA"), and it has been approved by the Commission in accordance with Subsection 7.1 of the MPSA with the ISO and (ii) the ISO has not filed with the Commission a notice of termination of Seller's MPSA.

(i) It is acting for its own account, has made its own independent decision to enter into this Master Power Agreement and any and all Confirmations related to a Transaction and as to whether this Master Power Agreement and any such Confirmation is appropriate or proper for it based upon its own judgment, is not relying upon the advice or recommendations of the other Party hereto, and is capable of assessing the merits of and understanding, and understands and accepts, the terms, conditions and risks of this Master Power Agreement and any such Confirmation or Transaction.

(j) Each Party will be deemed to represent to the other party on the date on which it enters into a Transaction that (absent a written agreement between the parties that expressly imposes affirmative obligations to the contrary for that Transaction):

(1) **No Reliance.** It is acting for its own account, and it has made its own independent decisions to enter into that Transaction and as to whether that Transaction is appropriate or proper for it based upon its own judgment and upon advice from such advisors as it has deemed necessary. It is not relying on any communication (written or oral) of the other party as investment advice or as a recommendation to enter into that Transaction; it being understood that information and explanations related to the terms and conditions of a Transaction shall not be considered investment advice or a recommendation to enter into that Transaction. It has not received from the other party any assurance or guarantee as to the expected results of that Transaction.

(2) **Evaluation and Understanding.** It is capable of evaluating and understanding (on its own behalf or through independent professional advice), and understands and accepts, the terms, conditions and risks of that Transaction. It is also capable of assuming, and assumes, the financial and other risks of that Transaction.

(3) **Status of Parties.** The other party is not acting as a fiduciary for or an advisor to it in respect of that Transaction.

(k) It is an "eligible contract participant" within the meaning of Section 1(a)(12) of the Commodity Exchange Act, as amended (the "CEA").

(l) The assets that are used, directly or indirectly, in connection with the execution, delivery and performance of this Agreement and the Transactions entered into pursuant hereto are legally and beneficially owned by such party and are not held by it, directly or indirectly, for the benefit of or under any form of any employee benefit or other plan, trust plan, pension plan,

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individual retirement accounts or other type of similar plans.

**ARTICLE 22. CONSENTS AND APPROVALS**

The Parties shall cooperate so that each Party may take such actions as necessary and required for the other Party to effectuate and comply with this Agreement including to (i) promptly prepare and file all necessary documentation, (ii) effect all necessary applications, notices, petitions and filings and execute all agreements and documents, and (iii) use all commercially reasonable efforts to obtain all necessary consents, approvals and authorizations of all other entities, in the case of each of the foregoing clauses (i), (ii) and (iii), necessary or advisable to consummate the transactions contemplated by this Agreement. Buyer shall have the right to review and approve in advance all characterizations of the information relating to the transactions contemplated by this Agreement which appear in any filing, press release or public announcement made in connection with the transactions contemplated hereby.

**ARTICLE 23. CONFIDENTIALITY**

The parties agree that the following shall constitute “Confidential Terms”: Section 5.2(b), Article 7, and Appendix C, of the Master Power Agreement, and the portions of the CSA and any Confirmation identified therein as confidential. Neither party shall disclose Confidential Terms to any third party without the prior written consent of the other Party; provided, however, that either Party may provide a copy of the Confidential Terms, in whole or in part to (1) any regulatory body or governmental authority with jurisdictional interest requesting and/or requiring such Confidential Terms, or in order to comply with any applicable law, regulation, or any exchange, control area or independent system operator rule or in connection with any court or regulatory proceeding, provided that in the case of a disclosure pursuant to the foregoing, such disclosure must include a request for confidential treatment of the Confidential Terms, and (2) an Affiliate if related to the Party’s performance of its obligations hereunder, provided that such Affiliate agrees to treat the Confidential Terms as confidential in accordance with this clause.

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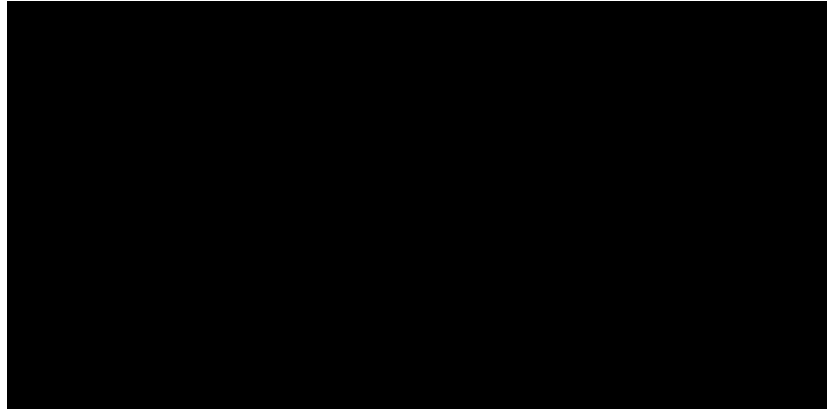
IN WITNESS WHEREOF, the Parties have caused their duly authorized representatives to execute this Master Power Agreement on their behalf as of the date first above written.

**THE NARRAGANSETT ELECTRIC COMPANY**

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Name: Margaret M. Janzen

Title: Authorized Signatory



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**APPENDIX A**  
**ESTIMATION OF SELLER HOURLY LOADS**

**Overview**

Generating units operated by suppliers are dispatched by the power pool to meet the region's electrical requirements reliably, and at the lowest possible cost. As a result, a supplier's electricity production may not match the demand of its customers. In each hour some suppliers with low cost production units or that contract for the output of such units are net sellers of electricity to the pool, while other suppliers are purchasing power from the pool to meet the demand of their customers. To determine the extent to which suppliers are net buyers or sellers on an hourly basis, it is necessary to estimate the hourly aggregate demand for all of the customers served by each supplier. Buyer will estimate Seller's Standard Offer Service load obligations within Buyer's service territory and report the hourly results to the ISO on a daily basis.

The estimation process is a cost-effective approach to producing results that are reliable, unbiased and reasonably accurate. The hourly load estimates will be based on rate class load profiles, which will be developed from statistically designed samples. Each day, the class load shapes will be scaled to the population of customers served by each supplier. In cases where telemetered data on individual customers is available, it will be used in place of the estimated shapes. On a monthly basis, the estimates will be refined by incorporating actual usage data obtained from meter readings. In both processes, the sum of all suppliers' estimated loads will match the total load delivered into the distribution system. A description of the estimation process follows.

**Daily Estimation of Suppliers' Own Load**

The daily process estimates the hourly load for each supplier for the previous day. The following is an outline of this process:

- Select a proxy date from the previous year with characteristics which best match the day for which the hourly demand estimates are being produced. Extract class load shapes for the selected proxy date from the load research database.
- Scale the class load shapes appropriately for each individual customer based on the usage level of the customer relative to the class average usage level.
- Calculate a factor for each customer which reflects their relative usage level and includes an adjustment for losses ("load adjustment factor"). Aggregate the load adjustment factors across the customers served by each supplier in each class.
- Produce a preliminary estimate of each supplier's hourly loads by combining the proxy day class load shapes with the supplier's total load adjustment factors. Aggregate the loads across the classes for each supplier.

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- Adjust the preliminary hourly supplier estimates so that their sum is equal to Buyer's actual hourly metered loads (as metered at the point of delivery to the distribution system) by allocating any differences to suppliers in proportion to their estimated load.
- Adjust the hourly supplier estimates to include transmission losses within Buyer's transmission system.
- Submit the hourly loads to the ISO.

After Buyer has submitted the supplier hourly loads, the ISO will allocate PTF losses to the supplier's account during the settlement process.

**Monthly Reconciliation Process**

The monthly process will improve the estimates of supplier loads by incorporating the most recent customer usage information, which will be available after the monthly meter readings are processed. The actual customer meter readings, as well as actual interval data for the largest customers, are used to re-estimate all of the days in the calendar month being reconciled. Updates to customers' account status and supplier assignments that may have been missed during the daily processing (due to timing) are included. The resulting hourly supplier load estimates for all the days in the month are reported and used by the ISO as the basis for the monthly resettlement.





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**6. Modifications to the Master Power Agreement**

[To be determined for each Transaction]

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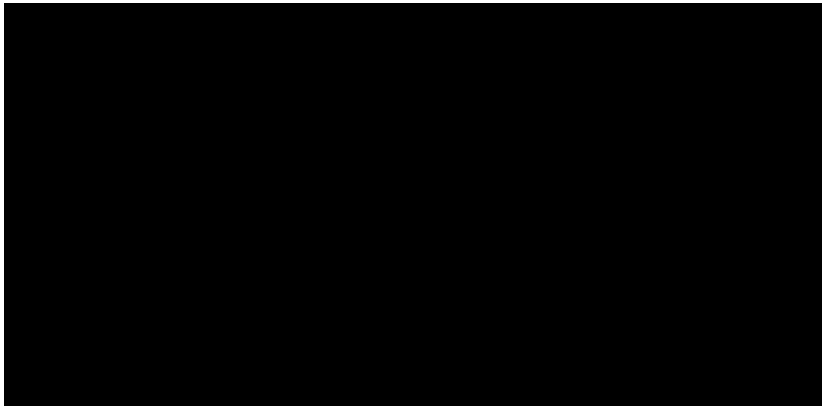
IN WITNESS WHEREOF, the Parties have caused their duly authorized representatives to execute this Confirmation on their behalf as of the date first above written

**THE NARRAGANSETT ELECTRIC COMPANY**

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**APPENDIX D**

**CREDIT SUPPORT ANNEX (RI SOS)**

This Credit Support Annex to the Master Power Agreement (the “CSA”) is made and entered into by and between Buyer and Seller, as those terms are defined in the Master Power Agreement.

All provisions contained or incorporated by reference in the Master Power Agreement will govern this CSA except as expressly modified herein. Any terms capitalized, but not defined herein shall have the meaning given to them in the Master Power Agreement.

**Paragraph 1. Definitions.**

As Used in this CSA, the following terms have the meanings specified below:

“**Calculation Period**” shall mean the period between the commencement date of the transaction, and the conclusion date of the transaction, as defined in the confirmation.

“**Capital Surplus**” shall mean total assets less total liabilities and preferred shares issued and outstanding, all determined in accordance with generally accepted accounting principles.

“**Cash**” means U.S. dollars held by or on behalf of a Party as Posted Collateral hereunder.

“**Collateral Account**” shall have the meaning specified in Paragraph 6(a)(iii)(B).

“**Collateral Interest Rate**” means the daily effective federal funds rate as published in the applicable statistical release designated as H.15(519), or any successor publication by the Board of Governors of the Federal Reserve System. If such rate is expressed as a range, the Collateral Interest Rate shall equal the arithmetic average of such range.

“**Collateral Threshold**” shall have the meaning specified in Paragraph 3(c)(i).

“**Custodian**” shall have the meaning specified in Paragraph 6(a)(i).

“**Delivery Amount**” shall have the meaning specified in Paragraph 4.

“**Disputing Party**” shall have the meaning specified in Paragraph 7.

“**Eligible Collateral**” shall have the meaning specified in Paragraph 3(c)(iii).

“**Exposure**” shall have the meaning specified in Paragraph 3(b).

“**Interest Amount**” means with respect to a Party and an Interest Period, the sum of the daily interest amounts for all days in such Interest Period; each daily interest amount to be determined by such Party as follows: (a) the amount of Cash held by such Party on that day (but excluding any interest previously earned on such Cash); *multiplied by* (b) the Collateral Interest Rate for that day; *divided by* (c) 360

“**Interest Period**” means the period from (and including) the last Business Day on which an Interest Amount was Transferred by a Party (or if no Interest Amount has yet been Transferred by such Party, the Business Day on which Cash was Transferred to such Party) to (but excluding) the Business Day on which the current Interest Amount is to be Transferred.

“**Invoiced Amounts**” shall have the meaning specified in Paragraph 3(b)(i)

“**Letter of Credit**” shall mean an irrevocable, non-transferable, standby letter of credit, issued by

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a Qualified Institution utilizing a form acceptable to the party in whose favor the letter of credit is issued. All costs relating to any Letter of Credit shall be for the account of the Pledgor.

**“Letter of Credit Default”** shall mean with respect to an outstanding Letter of Credit, the occurrence of any of the following events (a) the issuer of such Letter of Credit shall fail to be a Qualified Institution (as defined below); (b) the issuer of the Letter of Credit shall fail to comply with or perform its obligations under such Letter of Credit if such failure shall be continuing after the lapse of any applicable grace period; (c) the issuer of the Letter of Credit shall disaffirm, disclaim, repudiate or reject, in whole or in part, or challenge the validity of, such Letter of Credit; or (d) the Letter of Credit shall expire or terminate or have a Value of zero at any time the Pledgor is required to Transfer Eligible Credit Support pursuant to Paragraph 4 below and the Pledgor has not Transferred replacement Eligible Credit Support; provided, however, that no Letter of Credit Default shall occur in any event with respect to a Letter of Credit after the time such Letter of Credit is required to be cancelled or returned to the Pledgor in accordance with the terms of this CSA.

**“Notification Time”** shall mean 1:00 p.m. EPT on a Business Day.

**“Obligations”** shall have the meaning specified Paragraph 2.

**“Pledgor”** means either party, when that party (i) receives a demand for or is required to Transfer Eligible Collateral or (ii) has Transferred Eligible Collateral under this CSA.

**“Posted Collateral”** means all Eligible Collateral and all proceeds thereof that have been Transferred to or received by the Secured Party under this CSA and not Transferred to the Pledgor or released by the Secured Party. Any interest amount or portion thereof not Transferred will constitute Posted Collateral in the form of Cash.

**“Potential Event of Default”** means any event which, with the giving of notice or the lapse of time or both, would constitute an Event of Default.

**“Qualified Institution”** means a major U.S. commercial bank or trust company, a foreign bank with a U.S. branch office or financial institution, in any case, organized under the laws of the United States or a political subdivision thereof having Capital Surplus of at least \$10 billion and Credit Ratings of at least “A3” from Moody’s and “A-” from S&P.

**“Return Amount”** shall have the meaning specified in Paragraph 5.

**“Reference Market-Maker”** means a leading dealer in the relevant market that is selected in a commercially reasonable manner and is not an affiliate of either party.

**“Request Date”** shall have the meaning specified in Paragraph 7.

**“Requesting Party”** shall have the meaning specified in Paragraph 7.

**“Rounding Amount”** shall have the meaning specified Paragraph 3(c)(ii).

**“Secured Party”** means either party, when that party (i) makes a demand for or is entitled to receive Eligible Collateral or (ii) holds or is deemed to hold Posted Collateral under this CSA.

**“Seller’s Credit Support Provider”** means, [REDACTED]

**“Seller’s Independent Amount”** means none, unless otherwise specified in the applicable Confirmation.

**“Substitute Eligible Collateral”** shall have the meaning specified in Paragraph 6(f).

**“Termination Date”** means that date specified for termination in the Termination Notice

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delivered pursuant to Section 7.2 of the Agreement.

**“Transfer”** means, with respect to any Posted Collateral or Interest Amount, and in accordance with the instructions of the Party entitled thereto:

- (a) in the case of Cash, payment or transfer by wire transfer into one or more bank accounts specified by Secured Party; and
- (b) in the case of Letters of Credit, delivery of the Letter of Credit or an amendment thereto to Secured Party.

**“Valuation Agent”** means the Requesting Party; provided, however, that that in all cases, if an Event of Default or Potential Event of Default has occurred and is continuing with respect to the party designated as the Valuation Agent, then in such case, and for so long as the Event of Default or Potential Event of Default continues, the other party shall be the Valuation Agent.

**“Valuation Date”** means each Business Day.

**“Valuation Percentage”** shall have the meaning specified in Paragraph 3(c)(iii).

**“Valuation Time”** means the close of business on the Business Day before the Valuation Date or date of calculation, as applicable.

**“Value”** means, with respect to Posted Collateral or Eligible Collateral, means the Valuation Percentage multiplied by the amount then available under the Letter of Credit to be unconditionally drawn by the Secured Party.

**Paragraph 2. Encumbrance: Grant of Security Interest.** Each party hereby pledges to the other Party as security for all outstanding Transactions and any other documents, instruments or agreements executed in connection therewith (collectively, the **“Obligations”**), and grants to the other Party a first priority continuing security interest, lien on, and right of set-off against all Collateral delivered to or received by such Party (the **“Secured Party”**) hereunder. Upon the return by the Secured Party to the other Party (such Party, the **“Pledgor”**) of Posted Collateral, the security interest and lien granted hereunder on that Posted Collateral will be released immediately and, to the extent possible, without further action by either Party.

**Paragraph 3. Calculations of Collateral Requirement.**

(a) **Collateral Requirement.**

- (1) The “Collateral Requirement” for Seller means the Exposure, *minus the sum of*:
  - (i) Seller’s Collateral Threshold;
  - (ii) Seller’s Independent Amount, if any, as defined in the Confirmation;
  - (iii) the amount of Cash previously Transferred to Secured Party, and the amount of Cash held by Secured Party as Posted Collateral as the result of drawing under any Letter of Credit; and
  - (iv) the Value of each Letter of Credit maintained by Pledgor for the benefit of Secured Party;

provided, however, that the Collateral Requirement of Seller will be deemed to be zero (0) whenever the calculation of Exposure yields a number less than zero (0).

- (2) The “Collateral Requirement” for Buyer means the Exposure, *minus the sum of*:





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**Paragraph 4. Delivery of Collateral.** On any Business Day during the remaining term hereof on which (a) no Event of Default has occurred and is continuing with respect to the Secured Party, (b) no Termination Date has occurred or has been designated as a result of an Event of Default with respect to the Secured Party for which there exist any unsatisfied payment Obligations, and (c) such Party's Collateral Requirement exceeds \$0.00, then the Secured Party may request, by written notice, that the Pledgor Transfer to the Secured Party, or cause to be Transferred to the Secured Party, Eligible Collateral for the benefit of the Secured Party, having a Value of at least the Collateral Requirement ("***Delivery Amount***"). Such Eligible Collateral shall be delivered to the Secured Party on the next Business Day if the request is received by the Notification Time; otherwise Eligible Collateral is due by the close of business on the second Business Day.

**Paragraph 5. Reduction and Substitution of Posted Collateral.** On any Business Day during the term hereof on which (a) no Event of Default has occurred and is continuing with respect to the Pledgor, (b) no Termination Date has occurred or has been designated as a result of an Event of Default with respect to the Pledgor for which there exist any unsatisfied payment Obligations, and (c) the Posted Collateral by the Pledgor exceeds the Exposure (rounding downwards for any fractional amount to the next interval of the Rounding Amount), then the Pledgor may, at its sole cost, request that the Secured Party return Posted Collateral in the amount of such difference ("***Return Amount***") and the Secured Party shall be obligated to do so. Such Eligible Collateral shall be returned to the Pledgor on the next Business Day if the request is received by the Notification Time; otherwise Posted Collateral is due by the close of business on the second Business Day after request. The Parties agree that if the Pledgor has posted more than one type of Posted Collateral to the Secured Party, the Pledgor may, in its sole discretion, select the type of Posted Collateral for the Secured Party to return; provided, however, that the Secured Party shall not be required to return the specified Eligible Collateral if immediately after such return, the Pledgor would be required to post additional Eligible Collateral pursuant to the calculation of the Secured Party's Exposure.

**Paragraph 6. Administration of Posted Collateral.**

(a) Cash. Posted Collateral provided in the form of Cash to the Secured Party hereunder shall be subject to the following provisions.

(i) So long as no Event of Default has occurred and is continuing with respect to the Secured Party, the Secured Party will be entitled to either hold Cash or to appoint an agent which is a Qualified Institution (a "***Custodian***") to hold Cash for the Secured Party. In the event that an Event of Default has occurred and is continuing with respect to the Secured Party, then the provisions of Paragraph 6(a)(ii) shall not apply with respect to the Secured Party and Cash shall be held in a Qualified Institution in accordance with the provisions of Paragraph 6(a)(iii)(B). Upon notice by the Secured Party to the Pledgor of the appointment of a Custodian, the Pledgor's obligations to make any Transfer will be discharged by making the Transfer to that Custodian. The holding of Cash by a Custodian will be deemed to be the holding of Cash by the Secured Party for which the Custodian is acting. If the Secured Party or its Custodian fails to satisfy any conditions for holding Cash as set forth above, or if the Secured Party is not entitled to hold Cash at any time, then the Secured Party will Transfer, or cause its Custodian to Transfer, the Cash to a Qualified Institution and the Cash shall be maintained in accordance with Paragraph 6(a)(iii)(B). Except as set forth in Paragraph 6(c), the Secured Party will be

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liable for the acts or omissions of the Custodian to the same extent that Secured Party would be held liable for its own acts or omissions.

(ii) **Use of Cash.** Notwithstanding the provisions of applicable law, if no Event of Default has occurred and is continuing with respect to the Secured Party, the Secured Party, or if Seller, Seller's Credit Support Provider, has a long-term unsecured, unsubordinated debt rating of at least "Baa3/BBB-" as determined by Moody's and S&P, respectively, and no Termination Date has occurred or been designated as a result of an Event of Default with respect to the Secured Party for which there exists any unsatisfied payment Obligations, then the Secured Party shall have the right to sell, pledge, rehypothecate, assign, invest, use, comingle or otherwise use in its business any Cash that it holds as Posted Collateral hereunder, free from any claim or right of any nature whatsoever of the Pledgor, including any equity or right of redemption by the Pledgor.

(iii) Notwithstanding Paragraph 6(a)(ii), if neither the Secured Party nor the Custodian is eligible to hold Cash pursuant to Paragraph 6(a)(i) then:

(A) the provisions of Paragraph 6(a)(ii) will not apply with respect to the Secured Party; and

(B) the Secured Party shall be required to Transfer (or cause to be Transferred) not later than the close of business within five (5) Business Days following such ineligibility all Cash in its possession or held on its behalf to a Qualified Institution to be held in a segregated, safekeeping or custody account (the "***Collateral Account***") within such Qualified Institution with the title of the account indicating that the property contained therein is being held as Cash for the Secured Party. The Qualified Institution shall serve as Custodian with respect to the Cash in the Collateral Account, and shall hold such Cash in accordance with the terms of this CSA and for the security interest of the Secured Party and execute such account control agreements as are necessary or applicable to perfect the security interest of the Pledgor therein pursuant to Section 9-314 of the Uniform Commercial Code or otherwise, and subject to such security interest, for the ownership and benefit of Secured Party. The Qualified Institution holding the Cash will invest and reinvest or procure the investment and reinvestment of the Cash in accordance with the written instructions of Secured Party, subject to the approval of such instructions by the Pledgor (which approval shall not be unreasonably withheld). Secured Party shall have no responsibility for any losses resulting from any investment or reinvestment effected in accordance with Secured Party's approval.

(iv) **Interest.** So long as no Event of Default with respect to the Pledgor has occurred and is continuing, and no termination date for which any unsatisfied payment Obligations of Pledgor exist has occurred or been designated as the result of an Event of Default with respect to the Pledgor, in the event that the Secured Party or its Custodian is holding Cash, the Secured Party will Transfer (or cause to be Transferred) to the Pledgor, in lieu of any interest or other amounts paid or deemed to have been paid with respect to such Cash (all of which shall be retained by the Secured Party), the Interest Amount. Interest on Cash shall accrue at the Collateral Interest Rate. Interest accrued during the previous month shall be paid by the Secured Party to the Pledgor on the 3rd Business Day of each calendar month and on any Business Day that all Posted Collateral in the form of Cash is returned to the Pledgor. On or after the occurrence of an Event of Default with respect to the Pledgor or the occurrence of a Termination Date as a result of an Event of



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Default with respect to the Pledgor, the Secured Party or its Custodian shall retain any such Interest Amount as additional Posted Collateral hereunder until the Obligations of the Pledgor under the Agreement have been satisfied in the case of a Termination Date or for so long as such Event of Default is continuing in the case of an Event of Default.

(b) **Secured Party's Rights and Remedies.** If at any time an Event of Default with respect to the Pledgor has occurred and is continuing, then, unless the Pledgor has paid in full all of its Obligations, the Secured Party may exercise one or more of the following rights and remedies: (i) all rights and remedies available to a Secured Party under applicable law with respect to Posted Collateral held by the Secured Party, (ii) the right to set-off any amounts payable by the Pledgor with respect to any Obligations against any Posted Collateral held by the Secured Party, or (iii) the right to liquidate any Posted Collateral held by the Secured Party and to apply the proceeds of such liquidation of the Posted Collateral to any amounts payable to the Secured Party with respect to the Obligations in such order as the Secured Party may elect. For purposes of this Paragraph 6, the Secured Party may draw on the entire undrawn portion of any Letter of Credit. Cash proceeds that are not applied to the Obligations shall be maintained in accordance with the terms of this CSA. The Pledgor shall remain liable for amounts due and owing to the Secured Party that remain unpaid after the application, pursuant to this Paragraph 6, of Posted Collateral to the Obligations.

(c) **Pledgor's Rights and Remedies.** If at any time a Termination Date has occurred or been designated as the result of an Event of Default with respect to the Secured Party, then unless the Secured Party has paid in full all of its obligations that are then due, including those under Section 7.2(c) of this Agreement: (i) the Pledgor may exercise all rights and remedies available to a Pledgor under applicable law with respect to the Posted Collateral, (ii) the Secured Party will be obligated immediately to return all Posted Collateral and the Interest Amount to the Pledgor, or (iii) to the extent that Posted Collateral or the Interest Amount are not returned pursuant to (ii) above, the Pledgor may set-off any amounts payable by the Pledgor with respect to any Obligations against any Posted Collateral or the cash equivalent thereof or to the extent that the Pledgor does not set off such amounts, withhold payment of any remaining amounts payable by the Pledgor with respect to any Obligations, up to the Value of the remaining Posted Collateral held by the Secured Party, until that Posted Collateral is Transferred to the Pledgor. For avoidance of doubt, (i) the Secured Party will be obligated immediately to Transfer any Letter of Credit to the Pledgor and (ii) the Pledgor may do any one or more of the following: (x) to the extent that the Letter of Credit is not Transferred to the Pledgor as required pursuant to (i) above, set-off any amounts payable by the Pledgor with respect to any Obligations against any such Letter of Credit held by the Secured Party and, to the extent its rights to set-off are not exercised, withhold payment of any remaining amounts payable by the Pledgor with respect to any Obligations, up to the value of any remaining Posted Collateral and the Value of any Letter of Credit held by the Secured Party, until any such Posted Collateral and is Transferred to the Secured Party; and (y) exercise rights and remedies available to the Pledgor under the terms of the Letter of Credit.

(d) **Letters of Credit.** Eligible Collateral provided in the form of a Letter of Credit shall be subject to the following provisions.

(i) As one method of providing Eligible Collateral, the Pledgor may increase the amount of an outstanding Letter of Credit or establish one or more additional Letters of Credit.

(ii) Upon the occurrence of a Letter of Credit Default, Pledgor shall Transfer to Secured Party either a substitute Letter of Credit or Cash, in each case on or



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before the first Business Day after the occurrence thereof (or the third (3<sup>rd</sup>) Business Day after the occurrence thereof if only clause (a) under the definition of Letter of Credit Default applies).

(iii) Notwithstanding Paragraphs 4 and 5, (1) the Secured Party need not return a Letter of Credit unless the entire principal amount is required to be returned, (2) the Secured Party shall consent to a reduction of the principal amount of a Letter of Credit to the extent that a Delivery Amount would not be created thereby (as of the time of the request or as of the last time the Delivery Amount was determined), and (3) if there is more than one form of Posted Collateral when a Return Amount is to be Transferred, the Secured Party may elect which to Transfer.

(e) **Care of Posted Eligible Collateral.** The Secured Party shall exercise reasonable care to assure the safe custody of all Posted Collateral to the extent required by applicable law, and in any event the Secured Party will be deemed to have exercised reasonable care if it exercises at least the same degree of care as it would exercise with respect to its own property. Except as specified in the preceding sentence, the Secured Party will have no duty with respect to the Posted Collateral, including without limitation, any duty to enforce or preserve any rights thereto.

(f) **Substitutions.** Unless otherwise prohibited herein, upon notice to the Secured Party specifying the items of Posted Collateral to be exchanged, the Pledgor may, on any Business Day, deliver to the Secured Party other Eligible Collateral (“***Substitute Eligible Collateral***”). On the Business Day following the day on which the Substitute Eligible Collateral is delivered to the Secured Party, the Secured Party shall return to the Pledgor the items of Posted Collateral specified in the Pledgor’s notice; provided, however, that the Secured Party shall not be required to return the specified Posted Collateral if immediately after such return, the Pledgor would be required to post additional Eligible Collateral pursuant to the calculation of the Secured Party’s Exposure set forth in Paragraph 3(b) and the Confirmation.

**Paragraph 7. Exercise of Rights Against Posted Collateral.**

(a) **Disputes regarding amount of Eligible Collateral.** If either Party disputes the amount of Eligible Collateral to be provided or returned (such Party the “***Disputing Party***”), then the Disputing Party shall (a) deliver the undisputed amount of Eligible Collateral to the other Party (such Party, the “***Requesting Party***”) and (b) notify the Requesting Party of the existence and nature of the dispute no later than 5:00 p.m. EPT on the Business Day that the request for Eligible Collateral was made (the “***Request Date***”). On the Business Day following the Request Date, the Parties shall consult with each other in order to reconcile the two conflicting amounts. If the Parties are not able to resolve their dispute, the Eligible Collateral shall be recalculated, on the Business Day following the Request Date, by each Party requesting quotations from two (2) Reference Market-Makers for a total of four (4) quotations. The highest and lowest of the four (4) quotations shall be discarded and the arithmetic average shall be taken of the remaining two (2), which shall be used in order to determine the amount of Eligible Collateral required. On the same day the Eligible Collateral amount is recalculated, the Disputing Party shall deliver any additional Collateral Requirement required pursuant to the recalculation or the Requesting Party shall return any excess Posted Collateral that is no longer required pursuant to the recalculation.

(b) **Further Protection.** The Pledgor will promptly give notice to the Secured Party of, and defend against, any suit, action, proceeding, or lien that involves the Posted Collateral

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delivered to Secured Party by Pledgor or that could adversely affect any security interest or lien granted pursuant to this CSA.

**Paragraph 8. Miscellaneous.**

(a) **Demands and Notices.** All demands, specifications, and notices to Buyer with respect to Credit Support shall be made pursuant to the Notices Section of the Agreement with a copy to:

National Grid  
Attn: Director, Wholesale Electric Supply 100 East Old Country Road  
Hicksville, NY 11801  
Phone - (516) 545-3282  
Fax: (516) 545-3130

National Grid  
Attn: Credit Operations  
100 East Old Country Road  
Hicksville, New York 11801  
Phone - (516) 545-3122  
Fax - (516) 545-5466  
Email – [keysan-margin@keysanenergy.com](mailto:keysan-margin@keysanenergy.com)

All demands, specifications, and notices to Seller with respect to Credit Support shall be made pursuant to the Notices Section of the Agreement with a copy to:



(b) The provisions of this CSA shall apply to any and all Transactions entered into under the Master Power Agreement subsequent to the effective date of this CSA.

(c) The information contained in Paragraph 3(c) of this CSA constitutes “Confidential Terms” within the meaning of Article 23 of the Master Power Agreement.