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## VIA ELECTRONIC MAIL ONLY

Honorable Kristi Izzo, Secretary New Jersey Board of Public Utilities 44 South Clinton Avenue, 9<sup>th</sup> Floor P.O. Box 350 Trenton, New Jersey 08625 oce@bpu.state.nj.us

RE: NET METERING AND INTERCONNECTION SEMI-ANNUAL REPORTS

(January through June 2012 data)

N.J.A.C. 14:8-4.5 and 5.9

Dear Secretary Izzo:

Attached please find the above-referenced report.

Very truly yours,

Alexander C. Stern

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## Public Service Electric and Gas Company Net Meter Report January 2012 - June 2012

|                  |                     |               | Total         |               |                |                 |
|------------------|---------------------|---------------|---------------|---------------|----------------|-----------------|
|                  | kW Generation       | kW Generation | kW Generation | Number of     | Number of Wind | Total Number of |
|                  | Ratings Solar       | Ratings Wind  | Rating        | Solar Systems | Systems        | Systems         |
| System Added     |                     |               |               |               |                |                 |
| January          | 12,945.00           | 0             | 12,945.00     | 288           | 0              | 288             |
| February         | 12,039.71           | 0             | 12,039.71     | 227           | 0              | 227             |
| March            | 11,349.74           | 3.12          | 11,352.86     | 248           | 1              | 249             |
| April            | 16,438.55           | 0             | 16,438.55     | 218           | 0              | 218             |
| May              | 6,757.42            | 0             | 6,757.42      | 156           | 0              | 156             |
| June             | 10,484.94           | 1500          | 11,984.94     | 167           | <u>1</u>       | 168             |
|                  | 70,015.363          | 1503.12       | 71,518.483    | 1304          | 2              | 1306            |
|                  |                     |               |               |               |                |                 |
|                  |                     |               |               |               |                |                 |
|                  |                     |               |               |               |                |                 |
|                  |                     |               |               |               |                |                 |
|                  |                     |               |               |               |                |                 |
| Total Systems at | end of Reporting Pe | eriod         |               |               |                |                 |
| •                |                     |               |               |               |                |                 |
|                  | 280,575.290         | 1518.12       | 282,093.410   | 4,767         | 4              | 4,771           |
|                  | ,                   |               | ,             |               |                | •               |

## **Cumulative Totals**

| Month    | Days | Total Generation<br>Ratings Solar | Total Generation<br>Ratings Wind | Total<br>Generation<br>Ratings | Current Month kWh Consumption | Est kWh Supplied<br>to EDC by Cust-<br>Generators | Est kWh Delivered to<br>Cust-Generators by<br>EDC | Anniversary<br>Credits | Number of<br>Accounts with<br>Anniversary | Number of<br>Accounts that rec'd<br>Anniversary<br>Credits |
|----------|------|-----------------------------------|----------------------------------|--------------------------------|-------------------------------|---|---|------------------------|---|--|
| January  | 31   | 12,945.00                         | 0                                | 12,945.00                      | 107,398,683                   | 1,209,196   | 106,189,487                                       | (\$3,809.75)           | 545                                       | 55   |
| February | 28   | 12,039.71                         | 0                                | 12,039.71                      | 103,057,820                   | 1,786,944   | 101,270,876                                       | (\$6,238.67)           | 688                                       | 105  |
| March    | 31   | 11,349.74                         | 3.12                             | 11,352.86                      | 101,513,902                   | 2,763,968   | 98,749,934  | (\$8,629.52)           | 1,224                                     | 177  |
| April    | 30   | 16,438.55                         | 0                                | 16,438.55                      | 91,330,118                    | 2,288,596   | 89,041,522  | (\$27,834.86)          | 514                                       | 206  |
| May      | 30   | 6,757.42                          | 0                                | 6,757.42                       | 105,192,383                   | 2,380,673   | 102,811,710                                       | (\$9,882.70)           | 528                                       | 183  |
| June     | 30   | 10,484.94                         | 1500                             | 11,984.94                      | 44,589,291                    | 470,181   | 44,119,110  | (\$1,819.28)           | 382                                       | 34   |
| Total    |      | 70,015.363                        | 1503.12                          | 71,518.483                     | 553,082,197                   | 10,899,558  | 542,182,639                                       | (\$58,214.78)          | 3881                                      | 760  |

<sup>1.</sup> This represents the number of systems. A single customer may have multiple systems.

<sup>2.</sup> The monthly estimated solar generation is based on the total generation rating of systems installed and activated by the end of each month during the reporting period times the solar array's inverter estimated efficiency (80%) \* 4.5 (NREL's average hours of sunlight per day for New Jersey) \* calendar days for month. This Formula is based on an annual standard used in other Company Jurisdictions. Note that this estimate does not take into account the variations in the site-specific installation details, such as array orientation, tracking devices and obstacles that can cast a shadow) and/or panels that fail to meet the manufacturer's minimum output rating. It also does not take into consideration that the average hours of sunlight per day may differ for different months. (b\*.8\*4.5\*a).

<sup>3.</sup> The estimated kilowatt hours delivered to the customer-generator through the distribution system is calculated by taking the customer-generator energy supplied to the distribution system plus the customer-generators' actual consumption either positive or negative for the billing months during the reporting period.