## BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Continue Implementation and

Administration of California Renewables Portfolio Standard Program.

Rulemaking 11-05-005 (Filed May 5, 2011)

Shell Energy North America (US), L.P.

## 2011 Preliminary Annual 33% RPS Compliance Report

Reporting progress towards meeting the procurement quantity requirements for California's RPS Program

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# **RPS Compliance Report: Summary**

|         | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
|---------|---|
|         | 2011 Annual Summary                     |
|         | 2011 Ainitial Stilling y                |
|         |   |
| Report  | Date                                    |
| 1100000 |   |

|  | 2011      |                         |
|--|-----------|-------------------------|
| RPS Summary Report                             | MWh       | % of Total Retail Sales |
| Total Retail Sales                             |           | n/a                     |
| Annual RPS Target                              | _         | 20.0%                   |
| Total RPS Eligible RECs Procured               | 1,147,114 |                         |
| Total RPS Eligible RECs Retired for Compliance | 29,719    |                         |

# RPS Procurement Resource Mix

|  | 2011      |                               |
|--|-----------|-------------------------------|
| ester Gas<br>diesel<br>dfill Gas<br>ni Solid Waste<br>power Subtotal<br>othermal | MWh       | % of Total RPS<br>Procurement |
| Biomass  | 0         | 0.0%                          |
| Digester Gas   | 0         | 0.0%                          |
| Biodiesel  | 0         | 0.0%                          |
| andfill Gas  | 104,582   | 9.1%                          |
| Muni Solid Waste   | 0         | 0.0%                          |
| Biopower Subtotal  | 104,582   | 9.1%                          |
| Geothermal   | 0         | 0.0%                          |
| Small Hydro  | 13,484    | 1.2%                          |
| Conduit Hydro  | 0         | 0.0%                          |
| olar PV  | 0         | 0.0%                          |
| Solar Thermal  | 0         | 0.0%                          |
| <i>N</i> ind   | 1,029,048 | 89.7%                         |
| Ocean/Tidal  | 0         | 0.0%                          |
| Fuel Cells   | 0         | 0.0%                          |
| Total RPS Eligible Procurement   | 1,147,114 |                               |

# Claimed Portfolio Content Category of RPS Procurement

|   | 2011      |                            |
|---|-----------|----------------------------|
| Portfolio Content Category                                  | MWh       | % of Total RPS Procurement |
| RECs Procured from Contracts Executed Prior to June 1, 2010 | 642,502   | 56.0%                      |
| RECs Procured from Category 1 Eligible Resources            | 180,113   | 15.7%                      |
| RECs Procured from Category 2 Eligible Resources            | 318,357   | 27.8%                      |
| RECs Procured from Category 3 Eligible Resources            | 6,142     | 0.5%                       |
|   | 1,147,114 |                            |

## RPS Compliance Report: Summary

|  | 2011-13 Complia | ince Period |         |           |                         |  |
|--|-----------------|-------------|---------|-----------|-------------------------|--|
| Report Date  |                 |             |         |           |                         |  |
|  | 2011            | 2012        | 2013    | CP TOTAL  | 1                       |  |
| RPS Summary Report   | MWh             | MWh         | MWh     | MWh       | % of Total Retail Sales | This amount represents                                 |
| Total Retail Sales  Annual RPS Targets and Compliance Period Procurement Requirement |                 |             |         |           | n/a<br>20.0%            | total procurement<br>quantity requirement              |
| Total RPS Eligible RECs Procured   | 1,147,114       | 563,512     | 528,842 | 2,239,468 |                         | This amount represents                                 |
| Total RPS Eligible RECs Retired  | 29,719          | 0           | 0       | 29,719    |                         | quantity of RECs retired<br>for this compliance period |

|                                | 2911      | 2012    | 2013    | CP TOTAL  |                               |
|--------------------------------|-----------|---------|---------|-----------|-------------------------------|
| RPS Procurement                | MWh       | MWh     | MWh     | MWh       | % of Total RPS<br>Procurement |
| Biomass                        | 0         | 39,544  | 40,020  | 79,564    | 3.6%                          |
| Digester Gas                   | 0         | 0       | 0       | 0         | 0.0%                          |
| Biodiesel                      | 0         | 0       | 0       | 0         | 0.0%                          |
| Landfill Gas                   | 104,582   | 0       | 0       | 104,582   | 4.7%                          |
| Muni Solid Waste               | . 0       | 0       | 0 :     | 0         | 0.0%                          |
| Biopower Subtotal              | 104,582   | 39,544  | 40,020  | 184,146   | 8.2%                          |
| Geothermal                     | D         | 0       | 0       | 0         | 0.0%                          |
| SmallHydro                     | 13,484    | 142,151 | 324,120 | 479,755   | 21.4%                         |
| Conduit Hydro                  | 0 1       | 0       | 0 :     | 0         | 0.0%                          |
| Solar PV                       | 0         | 0       | 0       | 0         | 0.0%                          |
| SolarThermal                   | 0         | 0       | 0       | 0         | 0.0%                          |
| Wind                           | 1,029,048 | 381,817 | 164,702 | 1,575,567 | 70.4%                         |
| Ocean/Tidal                    | 0         | 0       | 0       | 0         | 0.0%                          |
| Fuel Cells                     | 0         | 0       | 0       | 0         | 0.0%                          |
| Total RPS Eligible Procurement | 1,147,114 | 563,512 | 528,842 | 2,239,468 |                               |

#### Claimed Portfolio Content Category of RPS Procurement

|   | 201111111111 | 2012    | 2013    | CP TOTAL  |                               |
|---|--------------|---------|---------|-----------|-------------------------------|
| Portfolio Content Category                                  | MWh          | MWh     | MWh     | MWh       | % of Total RPS<br>Procurement |
| RECs Procured from Contracts Executed Prior to June 1, 2010 | 642,502      | 0       | 0       | 642,502   | 28.7%                         |
| : RECs Procured from Category 1 Eligible Resources          | 180,113      | 216,692 | 506,342 | 903,147   | 40.3%                         |
| RECs Procured from Category 2 Eligible Resources            | 318,357      | 235,000 | 0       | 553,357   | 24.7%                         |
| RECs Procured from Category 3 Eligible Resources            | 6,142        | 111,820 | 22,500  | 140,462   | 6.3%                          |
| · Total   | 1 147 114    | 563 512 | 528 842 | 2 239 468 |                               |

Data Reported by:

Shell Energy North America (US), L.P.

December 21, 2012

## **Compliance Summary and Charts**

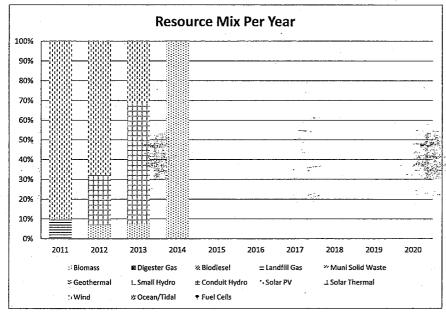
|                                  | 2011  | 2012          | 2013  | 2014    | 2015    | 2016    | 2017    | 2018    | 2019    | 2020    |
|----------------------------------|-------|---------------|-------|---------|---------|---------|---------|---------|---------|---------|
| Retail Sales (MWh)               |       | territories . |       | Table 1 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 |
| Annual % Target                  | 20.0% | 20.0%         | 20.0% | 21.7%   | 23.3%   | 25.0%   | 27.0%   | 29.0%   | 31.0%   | 33.0%   |
| Annual RPS Target                |       |               |       |         | 69,900  | 75,000  | 81,000  | 87,000  | 93,000  | 99,000  |
| Procurement Quantity Requirement |       |               |       |         | 210,000 |         |         | 360,    | 000     |         |

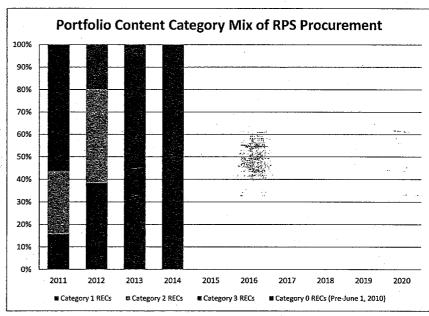
## Resource Mix

| ·"                | 2011      | 2012    | 2013    | 2014   | 2015       | 2016 | 2017 | 2018 | 2019           | 2020 |
|-------------------|-----------|---------|---------|--------|------------|------|------|------|----------------|------|
|                   | 1,147,114 | 563,512 | 528,842 | 17,520 | <b>₩</b> 0 | 0    | 0    | 0    | 300            | 0    |
| Biomass           | 0         | 39,544  | 40,020  | 17,520 | 0          | 0    | 0    | 0    | 1 £ 2 150:±    | 0    |
| Digester Gas      | 0         | 0       | 0       | 0 -3   | (20a O     | 0    | 0    | 0    | <b>- 建制0</b> 章 | 0    |
| Biodiesel         | 0         | 0 -     | 0       | 0      | 0          | 0    | . 0  | 0    | 40             | · 0  |
| Landfill Gas:     | 104,582   | 0       | 0       | 0 -    | . 0        | 0    | 0    | 0    | - 0            | 0    |
| Muni Solid Waste  | 0         | 0       | 0       | 0      | 0          | 0    | 0    | 0    | 0              | 0    |
| Biopower Subtotal | 104,582   | 39,544  | 40,020  | 17,520 | 0          | 0    | 0    | 0    | 0              | 0    |
| Geothermal        | 0         | 0       | 0       | 0      | 0          | 0    | 0    | 0    | 0              | 0    |
| Small Hydro       | 13,484    | 142,151 | 324,120 | 0      | 0 .        | 0    | 0    | 0    | 0              | 0    |
| Conduit Hydro     | 0         | 0       | 0       | 0      | 0          | 0    | 0    | 0    | 0              | 0    |
| Solar PV          | 0         | 0       | 0       | 0      | 0          | 0    | 0    | 0    | 0              | 0    |
| Solar Thermal     | 0         | 0       | 0       | 0      | 0          | 0    | 0    | 0    | 0              | 0    |
| Wind              | 1,029,048 | 381,817 | 164,702 | 0      | 0          | 0    | 0    | 0    | 0              | 0    |
| Ocean/Tidal       | 0         | 0       | 0       | 0      | 0          | . 0  | 0    | 0    | 0              | 0    |
| Fuel Cells        | 0         | 0       | 0       | 0      | 0          | 0    | 0    | 0    | 0              | 0    |

#### Portfolio Content Category Mix

|                                    | 2011    | 2012    | 2013    | 2014   | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|------------------------------------|---------|---------|---------|--------|------|------|------|------|------|------|
| Category 0 RECs (Pre-June 1, 2010) | 642,502 | 0       | 0       | 0      | 0    | 0    | 0    | 0    | 0    | 0    |
| Category 1 RECs                    | 180,113 | 216,692 | 506,342 | 17,520 | 0    | 0 .  | 0    | 0    | 0    | 0    |
| Category 2 RECs                    | 318,357 | 235,000 | 0       | 0      | 0    | 0    | 0    | 0    | 0    | 0    |
| Category 3 RECs                    | 6,142   | 111,820 | 22,500  | 0      | 0    | 0    | 0    | 0    | 0    | 0    |





|          | _  |  |                   |              |            |                   |            |            |            |             | <del> </del> |            |
|----------|--|--|-------------------|--------------|------------|-------------------|------------|------------|------------|-------------|--------------|------------|
| A        | Α   Β  | C  | D                 | E            | F          | G                 | Н          |            | J          | K           | L            | M          |
| 1        |  |  |                   |              |            |                   |            |            |            |             |              |            |
| 2        | Annual RPS Compliance Report: Compliance Status                    |  |                   |              |            |                   |            |            |            |             |              |            |
| 3        | Data Reported by:  |  |                   |              |            |                   |            |            |            |             |              |            |
|          |  |  |                   |              |            |                   |            |            |            |             |              |            |
| 4        | Shell Energy North America (US), L.P.                              |  | Input Required    |              |            |                   |            |            |            |             |              |            |
| 5        | December 21, 2012  |  | Actual Data       |              |            |                   |            |            |            |             |              |            |
| 6        |  |  | Forecasted Dat    | а            |            |                   |            |            |            |             |              |            |
|          |  |  |                   |              |            |                   |            |            |            |             |              |            |
| 7        |  |  | Information is I  | Hard Coded   |            |                   |            |            |            |             |              |            |
| 8        |  |  |                   | _            |            |                   |            |            |            |             |              |            |
| 9        | Information from the 20% RPS Compliance Program (MWh)              | 25 ( N = 6 N = 56 S = 5 N + 56 N + 6 | tual              |              |            |                   |            |            |            |             |              |            |
| 10       | Total Retail Sales in 2010   |  | 4,792             | _            |            |                   |            |            |            |             |              |            |
| 11       | Net Surplus/(Deficit) from 20% RPS Closing Report                  | Section 2011   | 0                 |              |            |                   |            |            |            |             |              |            |
| 12<br>13 |  |  |                   |              |            |                   |            |            |            |             |              |            |
| 14       |  |  | Compliance Period | 1            |            | Compliance Period | 2          | 1          | Complian   | ce Period 3 |              | 7 I        |
| 15       |  | Actual   | l cinou           |              |            | The second second | Forecast   |            | оотгрии    |             |              | <b>d</b>   |
| 17       | Annual RPS Procurement and Percentages (MWh)                       | 2011   | 2012              | 2013         | 2014       | 2015              | 2016       | 2017       | 2018       | 2019        | 2020         | ā l        |
| 18       | Annual Retail Sales  |  | 2012              | 2013         | .2014      | 300,000           | 300,000    | 300,000    | 300,000    | 300,000     | 300,000      |            |
| 19       | Annual RPS Procurement   | 1,147,114  | 563,512           | 528,842      | 17,520     | 0                 | o o        | ó          | o          | 0           | <del>-</del> | <u>200</u> |
| 20       | Annual Percentage Targets  | 20.0%  | 20.0%             | 20.0%        | 21.7%      | 23.3%             | 25.0%      | 27.0%      | 29.0%      | 31.0%       | 33.0%        |            |
| 21       | Annual RPS Procurement Percentage                                  |  |                   |              |            | 0.0%              | 0.0%       | 0.0%       | 0.0%       | 0.0%        | 0.0%         | 1 I        |
| 22<br>23 | -  |  |                   |              |            |                   |            | •          | •          | •           |              | -          |
| 23       |  |  |                   |              |            |                   |            |            |            |             |              | _          |
| 24       |  |  | Compliance Period |              |            | Compliance Period |            |            |            | e Period 3  |              |            |
| 25       | Procurement Quantity Requirement (MWh)                             | 2011   | 2012              | 2013         | 2014       | 2015              | 2016       | 2017       | 2018       | 2019        | 2020         | 4          |
| 26       | Procurement Quantity Requirement (PQR)                             | 21.000   |                   |              |            |                   | 1 '        | ,          | 360        | ·           | . ,          | ╡          |
| 27       | Pre-June 1, 2010 RECs Retired (Annual)                             | 21,628   | ļ <u>0</u>        | 0            | n/a        | n/a               | n/a        | n/a        | n/a        | n/a         | n/a          | -          |
| 28<br>29 | Category 1 RECs Retired (Annual)  Category 2 RECs Retired (Annual) | 0  | 0                 | 0 0          | n/a<br>n/a | n/a<br>n/a        | n/a<br>n/a | n/a<br>n/a | n/a<br>n/a | n/a<br>n/a  | n/a<br>n/a   | -          |
| 30       | Category 3 RECs Retired (Annual)                                   | <br>8,091  | <del> </del>      | <del> </del> | n/a<br>n/a | n/a               | n/a<br>n/a | n/a        | n/a        | n/a<br>n/a  | n/a          | -          |
| 31       | Annual Percentage Targets  | 20.0%  | 20.0%             | 20.0%        | n/a        | n/a               | n/a        | n/a        | n/a        | n/a         | n/a          | ╡          |
| 32       | RECs Retired as Percentage of Retail Sales                         | 20.070   | 20.000            |              | n/a        | n/a               | n/a        | n/a        | n/a        | n/a         | n/a          | 1          |
| 33       | Total RECs Retired (Compliance Period)                             |  | 29,719            |              | , -        | n/a               | 1 .,, 5    | , 5        |            | /a          | 1 1,75       | 1          |
| 34       | , ,  |  | ·                 |              |            | ·                 |            | •          |            |             |              | -          |
| 34<br>36 |  |  |                   |              |            |                   |            |            |            |             |              |            |
| 37       |  |  | Compliance Period | 1            |            | Compliance Period | 2          |            | Complian   | e Period 3  |              | ]          |
| 38       | Portfolio Balance Requirements (MWh)                               | 2011   | 2012              | 2013         | 2014       | 2015              | 2016       | 2017       | 2018       | 2019        | 2020         |            |
| 39       | Category 1 RECs Retired (Compliance Period)                        |  | 0                 |              |            | n/a               |            |            |            | /a          |              | -1         |
| 40       | Category 2 RECs Retired (Compliance Period)                        |  | 0                 |              |            | n/a               |            |            |            | /a          |              | -          |
| 41       | Category 3 RECs Retired (Compliance Period)                        |  | 8,091             |              |            | n/a               |            |            |            | /a          |              | <b>-</b>   |
| 42       | Category 1 Balance Requirement                                     |  | 4,046             |              |            | n/a               |            | <b></b>    |            | /a<br>/     |              | -          |
| 43       | Excess/(Shortfall) Retirements from Category 1                     |  | (4,046)           |              |            | n/a               |            | I          | n          | /a          |              | 1 1        |

| Α  | В  | C D                                   | E      | F          | G   | Н      | I    | J           |  | K               |    | L M |
|--|--|---------------------------------------|--------|------------|---|--------|------|-------------|--|-----------------|----|-----|
| 44   | Category 3 Balance Limitation  | 2,023                                 |        | •          | n/a   |        |      | •           | n/a                                    |                 |    |     |
|  | Ineligible Category 3  | 6,068                                 |        |            | n/a   |        |      |             | n/a                                    |                 |    |     |
| 46   |  |                                       |        |            |   |        | •    |             |  |                 |    |     |
| 47   |  |                                       |        |            |   |        |      |             |  |                 |    |     |
| 48   |  | Compliance Period                     | 1      | Со         | mpliance Period .                             | 2      |      | Com         | pliance P                              | eriod 3         |    |     |
| 49   | Excess Procurement Calculation (MWh)   | 2011 2012                             | 2013   | 2014       | 2015  | 2016   | 2017 | 2018        |  | 2019            | Ž  | 020 |
| 50   | RECs applied to PQR from contracts executed prior to June 1, 2010  | 21,628                                |        |            | n/a   |        |      |             | n/a                                    |                 |    |     |
| 51   | Long-Term Category 1 RECs applied to PQR   | 0                                     |        |            | n/a   |        |      |             | n/a                                    |                 |    |     |
| 52   | Short-Term Category 1 RECs applied to PQR  | 0                                     |        |            | n/a   |        |      |             | n/a                                    |                 |    |     |
| 53   | Long-Term Category 2 RECs applied to PQR   | 0                                     |        |            | n/a   |        |      |             | n/a                                    |                 |    |     |
| 54   | Short-Term Category 2 RECs applied to PQR  | 0                                     |        |            | n/a   |        |      |             | n/a                                    |                 |    |     |
| 55   | Long-Term Category 3 RECs applied to PQR   | 0                                     |        |            | n/a   |        |      |             | n/a                                    |                 |    |     |
| 56   | Short-Term Category 3 RECs applied to PQR  | 8,091                                 |        |            | n/a   |        |      |             | n/a                                    |                 |    |     |
| 57   | Excess RECs Eligible for Banking   | 0                                     |        |            | n/a   |        |      |             | n/a                                    |                 |    |     |
| 45<br>46<br>47<br>48<br>49<br>50<br>51<br>52<br>53<br>54<br>55<br>56<br>57<br>58<br>59<br>60<br>61<br>62<br>63<br>64<br>65<br>66<br>67 | Excess Pre-June 1, 2010 RECs   | 0                                     |        |            | n/a   |        |      |             | n/a                                    |                 |    |     |
| 59   | Excess Category 1 RECs   | 0                                     |        |            | n/a   |        |      |             | n/a                                    |                 |    |     |
| 60   | Excess Category 2 RECs   | 0                                     |        |            | n/a   |        |      |             | n/a                                    |                 |    |     |
| 61   | Remaining Excess RECs Eligible for Banking and Requiring a Category Assignment   | 0                                     |        |            | n/a   |        |      |             | n/a                                    |                 |    |     |
| 62   |  |                                       |        |            |   |        |      |             |  |                 |    |     |
| 63   |  |                                       |        |            |   |        |      |             |  |                 |    |     |
| 64   |  | Compliance Period                     |        |            | mpliance Period .                             |        |      |             | pliance P                              |                 |    |     |
| 65   | Excess Procurement Bank (MWh)  | 2011 2012                             | 2013   | 2014       | 2015  | 2016   | 2017 | 2018        | A COLORA                               | 2019            | 2  | 020 |
| 66   | Pre-June 1, 2010 Bank  | 0                                     |        |            | n/a   |        | L    |             | n/a                                    |                 |    |     |
| 0.7  |  |                                       |        |            |   |        | T    |             |  |                 |    |     |
| 67   | Category 1 Bank  | 0                                     |        |            | n/a   |        |      |             | n/a<br>/-                              |                 |    |     |
| 67<br>68   | Category 2 Bank  | 0                                     |        |            | n/a   |        |      |             | n/a                                    |                 |    |     |
| 67<br>68<br>69   | Category 2 Bank Application of Pre-June 1, 2010 Banked RECs  | 0                                     |        |            | n/a<br>n/a                                    |        |      |             | n/a<br>n/a                             |                 |    |     |
| 67<br>68<br>69<br>70   | Category 2 Bank Application of Pre-June 1, 2010 Banked RECs Application of Category 1 Banked RECs  | 0 0                                   |        |            | n/a<br>n/a<br>n/a                             |        |      |             | n/a<br>n/a<br>n/a                      |                 |    |     |
| 68<br>69<br>70<br>71   | Category 2 Bank Application of Pre-June 1, 2010 Banked RECs Application of Category 1 Banked RECs Application of Category 2 Banked RECs  | 0<br>0<br>0<br>0                      |        |            | n/a<br>n/a<br>n/a<br>n/a                      |        |      |             | n/a<br>n/a<br>n/a<br>n/a               |                 |    |     |
| 68<br>69<br>70<br>71   | Category 2 Bank Application of Pre-June 1, 2010 Banked RECs Application of Category 1 Banked RECs Application of Category 2 Banked RECs Cumulative Pre-June 1, 2010 Bank   | 0<br>0<br>0<br>0<br>0                 |        |            | n/a<br>n/a<br>n/a<br>n/a<br>n/a               |        |      |             | n/a<br>n/a<br>n/a<br>n/a<br>n/a        |                 |    |     |
| 68<br>69<br>70<br>71   | Category 2 Bank Application of Pre-June 1, 2010 Banked RECs Application of Category 1 Banked RECs Application of Category 2 Banked RECs Cumulative Pre-June 1, 2010 Bank Cumulative Category 1 Bank  | 0<br>0<br>0<br>0<br>0<br>0            |        |            | n/a<br>n/a<br>n/a<br>n/a<br>n/a<br>n/a        |        |      |             | n/a<br>n/a<br>n/a<br>n/a<br>n/a<br>n/a |                 |    |     |
| 68<br>69<br>70<br>71   | Category 2 Bank Application of Pre-June 1, 2010 Banked RECs Application of Category 1 Banked RECs Application of Category 2 Banked RECs Cumulative Pre-June 1, 2010 Bank   | 0<br>0<br>0<br>0<br>0                 |        |            | n/a<br>n/a<br>n/a<br>n/a<br>n/a               |        |      |             | n/a<br>n/a<br>n/a<br>n/a<br>n/a        |                 |    |     |
| 68<br>69<br>70<br>71   | Category 2 Bank Application of Pre-June 1, 2010 Banked RECs Application of Category 1 Banked RECs Application of Category 2 Banked RECs Cumulative Pre-June 1, 2010 Bank Cumulative Category 1 Bank  | 0<br>0<br>0<br>0<br>0<br>0            |        |            | n/a<br>n/a<br>n/a<br>n/a<br>n/a<br>n/a        |        |      |             | n/a<br>n/a<br>n/a<br>n/a<br>n/a<br>n/a |                 |    |     |
| 68<br>69<br>70<br>71   | Category 2 Bank Application of Pre-June 1, 2010 Banked RECs Application of Category 1 Banked RECs Application of Category 2 Banked RECs Cumulative Pre-June 1, 2010 Bank Cumulative Category 1 Bank  | 0<br>0<br>0<br>0<br>0<br>0<br>0       | 1      |            | n/a<br>n/a<br>n/a<br>n/a<br>n/a<br>n/a        | 2      |      | Com         | n/a<br>n/a<br>n/a<br>n/a<br>n/a<br>n/a | orind 2         |    |     |
| 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76   | Category 2 Bank  Application of Pre-June 1, 2010 Banked RECs  Application of Category 1 Banked RECs  Application of Category 2 Banked RECs  Cumulative Pre-June 1, 2010 Bank  Cumulative Category 1 Bank  Cumulative Category 2 Bank   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |        |            | n/a<br>n/a<br>n/a<br>n/a<br>n/a<br>n/a<br>n/a |        | 2017 |             | n/a<br>n/a<br>n/a<br>n/a<br>n/a<br>n/a |                 |    | 030 |
| 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76   | Category 2 Bank Application of Pre-June 1, 2010 Banked RECs Application of Category 1 Banked RECs Application of Category 2 Banked RECs Cumulative Pre-June 1, 2010 Bank Cumulative Category 1 Bank Cumulative Category 2 Bank   | 0<br>0<br>0<br>0<br>0<br>0<br>0       | 1 2013 | Co<br>2014 | n/a       | 2 2016 | 2017 | Com<br>2018 | n/a n/a n/a n/a n/a n/a n/a n/a        | eriod 3<br>2019 | 21 | 020 |
| 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76   | Category 2 Bank  Application of Pre-June 1, 2010 Banked RECs  Application of Category 1 Banked RECs  Application of Category 2 Banked RECs  Cumulative Pre-June 1, 2010 Bank  Cumulative Category 1 Bank  Cumulative Category 2 Bank   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |        |            | n/a<br>n/a<br>n/a<br>n/a<br>n/a<br>n/a<br>n/a |        | 2017 |             | n/a<br>n/a<br>n/a<br>n/a<br>n/a<br>n/a |                 | 2: | 020 |
| 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76   | Category 2 Bank Application of Pre-June 1, 2010 Banked RECs Application of Category 1 Banked RECs Application of Category 2 Banked RECs Cumulative Pre-June 1, 2010 Bank Cumulative Category 1 Bank Cumulative Category 2 Bank   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |        |            | n/a       |        | 2017 |             | n/a n/a n/a n/a n/a n/a n/a n/a        |                 | 2  | 020 |
| 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76   | Category 2 Bank  Application of Pre-June 1, 2010 Banked RECs  Application of Category 1 Banked RECs  Application of Category 2 Banked RECs  Cumulative Pre-June 1, 2010 Bank  Cumulative Category 1 Bank  Cumulative Category 2 Bank  RPS Compliance Status (MWh)  Additional RECs Needed to meet RPS Procurement Quantity Requirement   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 2013   |            | n/a       |        | 2017 |             | n/a n/a n/a n/a n/a n/a n/a n/a        |                 | 2. | 020 |
| 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76   | Category 2 Bank  Application of Pre-June 1, 2010 Banked RECs  Application of Category 1 Banked RECs  Application of Category 2 Banked RECs  Cumulative Pre-June 1, 2010 Bank  Cumulative Category 1 Bank  Cumulative Category 2 Bank  RPS Compliance Status (MWh)  Additional RECs Needed to meet RPS Procurement Quantity Requirement   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |        |            | n/a       |        | 2017 |             | n/a n/a n/a n/a n/a n/a n/a n/a        |                 | 2  | 020 |
| 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>80<br>81<br>82<br>83   | Category 2 Bank  Application of Pre-June 1, 2010 Banked RECs  Application of Category 1 Banked RECs  Application of Category 2 Banked RECs  Cumulative Pre-June 1, 2010 Bank  Cumulative Category 1 Bank  Cumulative Category 2 Bank  RPS Compliance Status (MWh)  Additional RECs Needed to meet RPS Procurement Quantity Requirement  Provisional 20% Closing Report  Deficit from Provisional 20% RPS Closing Report  | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 2013   |            | n/a       |        | 2017 |             | n/a n/a n/a n/a n/a n/a n/a n/a        |                 | 21 | 020 |
| 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>80<br>81<br>82<br>83   | Category 2 Bank  Application of Pre-June 1, 2010 Banked RECs  Application of Category 1 Banked RECs  Application of Category 2 Banked RECs  Cumulative Pre-June 1, 2010 Bank  Cumulative Category 1 Bank  Cumulative Category 2 Bank  RPS Compliance Status (MWh)  Additional RECs Needed to meet RPS Procurement Quantity Requirement  Provisional 20% Closing Report  Deficit from Provisional 20% RPS Closing Report  RECs applied to PQR from contracts executed prior to June 1, 2010   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 2013   |            | n/a       |        | 2017 |             | n/a n/a n/a n/a n/a n/a n/a n/a        |                 | 2: | 020 |
| 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>80<br>81<br>82<br>83<br>84   | Category 2 Bank  Application of Pre-June 1, 2010 Banked RECs  Application of Category 1 Banked RECs  Application of Category 2 Banked RECs  Cumulative Pre-June 1, 2010 Bank  Cumulative Category 1 Bank  Cumulative Category 2 Bank  RPS Compliance Status (MWh)  Additional RECs Needed to meet RPS Procurement Quantity Requirement  Provisional 20% Closing Report  Deficit from Provisional 20% RPS Closing Report  RECs applied to PQR from contracts executed prior to June 1, 2010  Long Term Category 1 RECs applied to PQR | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 2013   |            | n/a       |        | 2017 |             | n/a n/a n/a n/a n/a n/a n/a n/a        |                 | 2: | 020 |
| 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>80<br>81<br>82<br>83   | Category 2 Bank  Application of Pre-June 1, 2010 Banked RECs  Application of Category 1 Banked RECs  Application of Category 2 Banked RECs  Cumulative Pre-June 1, 2010 Bank  Cumulative Category 1 Bank  Cumulative Category 2 Bank  RPS Compliance Status (MWh)  Additional RECs Needed to meet RPS Procurement Quantity Requirement  Provisional 20% Closing Report  Deficit from Provisional 20% RPS Closing Report  RECs applied to PQR from contracts executed prior to June 1, 2010   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | 2013   |            | n/a       |        | 2017 |             | n/a n/a n/a n/a n/a n/a n/a n/a        |                 | 2: | 020 |

| Α                                      | В   | С | D     | E | F | G | Н |   | J | K | L | - 1 |
|--|---|---|-------|---|---|---|---|---|---|---|---|-----|
| 88                                     | Short-Term Category 2 RECs applied to PQR                               |   | 0     | • |   | • | • | • | • | • | • |     |
| 88<br>89<br>90                         | Long-Term Category 3 RECs applied to PQR                                |   | 0     |   |   |   |   |   |   |   |   |     |
| 90                                     | Short-Term Category 3 RECs applied to PQR                               |   | 8,091 |   |   |   |   |   |   |   |   |     |
| 91<br>92<br>93<br>94<br>95<br>96<br>97 | Application of Pre-June 1, 2010 RECs to 20% Closing Report Deficit      |   | 0     |   |   |   |   |   |   |   |   |     |
| 92                                     | Application of Long-term Category 1 RECs to 20% Closing Report Deficit  |   | 0     |   |   |   |   |   |   |   |   |     |
| 93                                     | Application of Short-term Category 1 RECs to 20% Closing Report Deficit |   | 0     |   |   |   |   |   |   |   |   |     |
| 94                                     | Application of Long-term Category 2 RECs to 20% Closing Report Deficit  |   | 0     |   |   |   |   |   |   |   |   |     |
| 95                                     | Application of Short-term Category 2 RECs to 20% Closing Report Deficit |   | 0     |   |   |   |   |   |   |   |   |     |
| 96                                     | Application of Long-term Category 3 RECs to 20% Closing Report Deficit  |   | 0     |   |   |   |   |   |   |   |   |     |
|  | Application of Short-term Category 3 RECs to 20% Closing Report Deficit |   | 0     |   |   |   |   |   |   |   |   |     |
| 98                                     | Cumulative Closing Report Deficit                                       |   | N/A   |   | ] |   |   |   |   |   |   |     |
| 99                                     |   | • | •     |   | = |   |   |   |   |   |   |     |

CPUC ID

SENA1
SENA2
SENA2
SENA2
SENA3
SENA4
SENA5
SENA6
SENA5
SENA6
SENA7
SENA1
SENA2

Annual RPS Compliance Report: Procurement Detail
Data Reported by:
Shell Energy North America (US), L.P.
December 21, 2012 Input Required

| S), L.P.  | Input Required Actual Data Forecasted Data  |  |   |   |  |
|---|---|--|---|---|--|
| Procurement Summary (MWh) Total Annual Procurement RECs Procured from pre-lune 1, 2010 Cottegory 1 REcs Procured Cottegory 2 REcs Procured Cottegory 3 RECs Procured Cottegory 3 RECs Procured  | Actual MWh         2011         2013         2014         2015         Forecasted           1,147,114         563,512         528,842         17,520            | i MWh  |   |   |  |
| Procurement from Long-Term (>= 10 years) Procurement from Short-Term (< 10 years)   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |   |   |  |
| Long Term Contracting Requirement Expected Total RECs from long-term contracts Expected Total RECs from short-term contracts Long Term Contracting Requirement Shortfall  | 6,862 N/A 0 0 0 0 0 0 0 516,686 487,994 0 0 0 (6,862) N/A   | 0 0 0 0 0<br>0 0 0 0 0<br>0 0 0 0  |   |   |  |
| RPS-Eligible Procurement By Resource Type  Biomass  |   | 016  |   |   |  |
| Fuel Cells  Contract Detail  Pre-2002 Contracts  Blomass Digester Gas Biodiesel Landfill Gas Muni Solid Waste   | 2011   2012   2013   2014   2015   2016   | 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 :  | ontract Status Facility Status Resource Type Expected Classification  Biomass Digester Gas Biodiesel Landfill Gas Muni Solid  |   |  |
| Geothermal Small Hydro Conduit Hydro Conduit Hydro Solar PV Solar Thermal Wind Ocean/Tidal Fuel Cells Contract Ve Post 2002 Contract Detail   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Geothermal Small Hydro Conduit Solar PV Solar Thermal Wind Ocean/Tidal Fuel Cells Pacility Status: Resource Type: Expected Classification   | n Contract Length Bundled/Unbundled Facility Location (City, State)   | Contract Execution Date Contract Volume (MWh)  |
| 2009 Clark: Combine Hills II - Eurus Combine Hills II LLC: 2009 Clark: Combine Hills II - Eurus Combine Hills II LLC: 2009 Cowlitz: Harvest Wind - Harvest Wind 2009 Cowlitz: Harvest Wind - Harvest Wind (71911) 2011 Cowlitz: Nine Canyon Wind Project - Nine Canyon Phase 3 2009 Cowlitz: White Creek Wind 1 - White Creek (79726) 2012 Cowlitz: White Creek Wind 1 - White Creek 2012 Cowlitz: White Creek Wind 1 - White Creek 2010 Cowlitz: White Creek Wind 1 - White Creek 2010 Cowlitz: White Creek Wind 1 - White Creek 2011 High Desert Power Plant - High Desert Power Plant 2012 Iberdrola: Juniper Canyon - Juniper Canyon 2012 Iberdrola: Juniper Canyon - Juniper Canyon 2012 Iberdrola: Leaning Juniper II - Leaning Juniper II 2012 Iberdrola: Leaning Juniper II - Leaning Juniper II 2012 Iberdrola: Leaning Juniper II - Leaning Juniper II 2010 Kilckitat: White Creek Wind 1 - White Creek 2010 (4429) 2011 Kilckitat: White Creek Wind 1 - White Creek 2010 (448)   | 1,350     0     0     0     0     0       104,403     0     0     0     0     0     0       2,664     0     0     0     0     0     0     0       880     0     0     0     0     0     0     0     0       890     0     0     0     0     0     0     0     0     0       0     67,197     164,702     0 <th>0 0 0 0 0 0 executed 0 0 0 0 0 0 executed</th> <th>no approval needed online Wind Category 3 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Category 3 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Category 1 no approval needed online Wind Category 1 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Category 2 no approval needed online Wind Category 3 no approval needed online Wind Category 3 no approval needed online Wind Category 3 no approval needed online Wind Category 3</th> <th>Short-term Unbundled Milton-Freewater, OR Short-term Bundled Roosevelt, WA Short-term Unbundled Bickleton, WA Short-term Unbundled Bickleton, WA Short-term Unbundled Bickleton, WA Short-term Bundled Arlington, OR Short-term Unbundled Arlington, OR Short-term Bundled Roosevelt, WA Short-term Bundled Roosevelt, WA Short-term Bundled Roosevelt, WA Short-term Unbundled Roosevelt, WA Short-term Unbundled Roosevelt, WA</th> <th>12/18/09 325.872 12/18/09 12/18/09 12/18/09 12/18/09 152/18/09 152/18/09 152/18/09 152/18/09 152/18/09 152/18/09 148,695 05/15/12 12/31/09 148,695 05/15/12 12/31/09 324_282 05/15/12 107,120 05/07/12 37,500 06/26/12 06/26/12 06/26/12 11/30/12 11/30/12 11/02/10 9,500 01/20/11</th> | 0 0 0 0 0 0 executed 0                                  | no approval needed online Wind Category 3 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Category 3 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Category 1 no approval needed online Wind Category 1 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Category 2 no approval needed online Wind Category 3   | Short-term Unbundled Milton-Freewater, OR Short-term Bundled Roosevelt, WA Short-term Unbundled Bickleton, WA Short-term Unbundled Bickleton, WA Short-term Unbundled Bickleton, WA Short-term Bundled Arlington, OR Short-term Unbundled Arlington, OR Short-term Bundled Roosevelt, WA Short-term Bundled Roosevelt, WA Short-term Bundled Roosevelt, WA Short-term Unbundled Roosevelt, WA Short-term Unbundled Roosevelt, WA   | 12/18/09 325.872 12/18/09 12/18/09 12/18/09 12/18/09 152/18/09 152/18/09 152/18/09 152/18/09 152/18/09 152/18/09 148,695 05/15/12 12/31/09 148,695 05/15/12 12/31/09 324_282 05/15/12 107,120 05/07/12 37,500 06/26/12 06/26/12 06/26/12 11/30/12 11/30/12 11/02/10 9,500 01/20/11   |
| 2011 Klickitat: White Creek Wind 1 – White Creek 2010 (4571) 2010 Lakeview Green: Harvest Wind - Harvest Wind 2010 (40277) 2010 Lakeview Green: Harvest Wind - Harvest Wind 2010 (9949) 2010 Lakeview Green: Harvest Wind - Harvest Wind 2010 (9949) 2011 Liker. White Creek Wind   - White Creek 2010 (7085) 2011 Rill: La Rosita Complex - La Rosita 2 2011 Pacificorp: Campbell Hill - Campbell Hill 2011 Pacificorp: Campbell Hill - Campbell Hill 2011 Pacificorp: Dunlap   - Dunlap   2011 Pacificorp: Dunlap   - Dunlap   2011 Pacificorp: Dunlap   - Dunlap   2011 Pacificorp: Top of the World - Top of the World 2011 Portland General: Biglow Canyon Wind Farm - Biglow Phase 2 2010 Portland General: Biglow Canyon Wind Farm - Biglow Phase 2 2010 PSCO: Twin Buttes - Twin Buttes - 2010 (7773) 2010 Redding: Big Horn - Big Horn Wind Project LLC 2010 Redding: Big Horn - Big Horn Wind Project LLC 2010 Redding: Big Horn - Big Horn Wind Project LLC 2010 (24255) 2012 Sierra Pacific Industries: Sierra Pacific Burlington - Sierra Pacific Burlington | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 0 0 0 0 0 0 executed 0 0 0 0 executed 0 0 0 0 0 0 0 executed 0 0 0 0 0 0 executed 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | no approval needed online Wind Category 2 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Category 2 no approval needed online Wind Category 1 no approval needed online Wind Category 1 no approval needed online Wind Category 1 no approval needed online Wind Category 2 no approval needed online Wind Category 2 no approval needed online Wind Category 3 no approval needed online Wind Category 3 no approval needed online Wind Category 2 no approval needed online Wind Category 3 no approval needed online Wind Category 3 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Pre-June 1, 2010 no approval needed online Wind Category 3 | Short-term Bundled Roosevelt, WA Short-term Bundled Glenrock, WY Short-term Bundled Glenrock, WY Short-term Bundled Medicine Bow, WY Short-term Bundled Glenrock, WY Short-term Bundled Glenrock, WY Short-term Bundled Glenrock, WY Short-term Bundled Glenrock, WY Short-term Bundled Wasco, OR Short-term Bundled Wasco, OR Short-term Bundled Lamar, CO Short-term Unbundled Bickleton, WA Short-term Bundled Bickleton, WA Short-term Unbundled Bickleton, WA Short-term Unbundled Bickleton, WA Short-term Bundled Bickleton, WA Short-term Unbundled Mt. V-ernon, WA | 01/20/11 02/02/10 10/26/10 15/15/10 10/26/10 12/15/10 10/26/10 11/15/10 10/26/10 11/15/10 10/26/10 10/25/11 10/26/11 10/25/11 10/25/11 10/25/11 10/25/11 10/25/11 10/25/11 10/25/11 10/25/10 10/ |
| 2012 Sierra Pacific: Sierra Pacific Sonora – SPI Sonora Onsite Load 2012 Snohomish: HWHill/LFG Roosevelt Biogas 2009 Snohomish: Wheat Field – Wheat Field 2010 (199667) 2009 Snohomish: Whate Field – Wheat Field 2010 (199667) 2009 Snohomish: White Creek Wind 1 – White Creek 2010 (171) 2008 Tri-Dam: Beardsley – Beardsley 2008 Tri-Dam: Tulloch – Tulloch Contract Name   | 0 9,700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 0 0 0 0 0 0 executed 0 0 0 executed 0 0 0 0 0 0 executed 0 0 0 0 0 executed 0 0 0 0 0 0 executed 0 0 0 0 0 0 0 executed 0 0 0 0 0 0 executed 0 0 0 0 0 0 executed 0 0 0 0 0 executed 0 0 0 0 0 0 0 executed 0 0 0 0 0 0 0 executed 0 0 0 0 0 0 0 executed 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | no approval needed online Blomass Category 3 no approval needed online Blomass Category 1 no approval needed online Wind Category 3 no approval needed online Wind Pre-Tune 1, 2010 no approval needed online Wind Pre-Tune 1, 2010 no approval needed online Small Hydro Category 1 no approval needed online Small Hydro Category 1   | Short-term Unbundled Sonora, CA Short-term Bundled Goldendale, WA Short-term Unbundled Arlington, OR Short-term Bundled Arlington, OR Short-term Bundled Arlington, OR Short-term Bundled Roosevelt, WA Short-term Bundled Strawberny, CA Short-term Bundled Knights Ferry, CA  | 11/09/12 9,700 07/25/12 42,384 12/17/09 12/17/09 507,730 12/01/09 170,934 11/07/08 1,300,000 11/07/08  |

# **RPS Procurement Progress Report: Retirement Detail**



|  | Actual MWh |        |      |      |      | Forecasted MWh |      |      |      |                |
|--|------------|--------|------|------|------|----------------|------|------|------|----------------|
| Retirement Summary (MWh)   | 2011       | 2012   | 2013 | 2014 | 2015 | 2016           | 2017 | 2018 | 2019 | 20             |
| Total Annual Retirements   | 29,719     | 0      | 0    | 0    | 0    | 0              | 0    | 0    | 0    |                |
| Retirements from Long-Term Contracts Executed Prior to June 1, 2010  | 0          | 0      | 0    | 0    | 0    | 0              | 0    | 0    | 0    | (              |
| Retirements from Short-Term Contracts Executed Prior to June 1, 2010 | 21,628     | 0      | 0    | 0    | 0    | 0              | 0    | 0    | 0    | . (            |
| Long-Term Category 1 RECs Retired                                    | 0          | 0      | 0    | 0    | 0    | 0              | 0    | 0    | 0    |                |
| Short-Term Category 1 RECs Retired                                   | 0          | 0      | 0    | 0    | 0    | 0              | 0    | 0    | 0    |                |
| Long-Term Category 2 RECs Retired                                    | 0          | 0      | 0    | 0    | 0    | 0              | 0    | 0    | 0    | (              |
| Short-Term Category 2 RECs Retired                                   | 0          | 0      | 0    | 0    | 0    | 0              | 0    | 0    | 0    |                |
| Long-Term Category 3 RECs Retired                                    | 0          | 0      | 0    | 0    | 0    | 0              | 0    | 0    | 0    |                |
| Short-Term Category 3 RECs Retired                                   | 8,091      | 0      | 0    | 0    | 0    | 0              | 0    | 0    | 0    |                |
| Total RECs Retired per Compliance Period                             |            | 29,719 |      |      | 0    |                | :    | C    | )    | .communication |
| Amount of Category 1 Short-Term RECs Excluded from PQR               | 0          | 0      | 0    | 0    | 0    | 0              | 0    | 0    | 0    |                |
| Amount of Category 2 Short-Term RECs Excluded from PQR               | 0          | 0      | 0    | 0    | 0    | 0              | 0    | 0    | 0    |                |
| Amount of Category 3 Short-Term RECs Excluded from PQR               | 0          | 0      | 0    | 0    | 0    | 0              | 0    | 0    | 0    |                |
| Retired RECs Eligible for Compliance                                 |            | 29,719 |      |      | 0    |                |      | C    | )    |                |

| RPS-Eligible Procurement By Resource Type | 2011   | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|--------|------|------|------|------|------|------|------|------|------|
| Biomass                                   | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Digester Gas                              | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Biodiesel                                 | 0      | 0    | 0    | 0    | 0    | 0    | . 0  | . 0  | 0    | 0    |
| Landfill Gas                              | 9,348  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Muni Solid Waste                          | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Biopower Subtotal                         | 9,348  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | : 0  | 0    |
| Geothermal                                | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Small Hydro                               | 1.363  | 0    | . 0  | 0    | 0    | 0    | . 0  | . 0  | 0    | 0    |
| Conduit Hydro                             | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Solar PV                                  | 0      | 0    | 0    | 0    | 0    | 0    | . 0  | . 0  | 0    | 0    |
| Solar Thermal                             | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | . 0  | 0    |
| Wind                                      | 19,008 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | . 0  | 0    |
| Ocean/Tidal                               | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Fuel Cells                                | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

|               | Retirement Detail                    | 2011   | 2012 | 2013 | 2014 | 2015                                  | 2016 | 2017  | 2018 | 2019 | 2020                         | Resource Type     | Expected Classification |               |
|---------------|--------------------------------------|--------|------|------|------|---------------------------------------|------|---|------|------|------------------------------|-------------------|-------------------------|---------------|
|               | Retirement from Pre-2002 Contracts   | 0      | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            |                   |                         |               |
|               | Biomass                              | 0      | 0    | 0    | 0    | . 0                                   | 0    | 0   | 0    | 0    | 0                            | Biomass           |                         |               |
|               | Digester Gas                         | 0      | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Digester Gas      |                         |               |
|               | Biodiesel                            | 0      | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Biodiesel         |                         |               |
|               | Landfill Gas                         | 0      | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Landfill Gas      |                         |               |
|               | Muni Solid Waste                     | 4 0    | 0    | 0    | 0    | . 0                                   | 0    | 0   | 0    | 0    | 0                            | Muni Solid Waste  |                         |               |
|               | Geothermal                           | 0      | 0    | 0    | 0    | 0                                     | 0    | . 0   | 0    | 0    | Ö                            | Geothermal        |                         |               |
|               | Small Hydro                          | 0      | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Small Hydro       |                         |               |
|               | Conduit Hydro                        | 0      | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Conduit Hydro     |                         |               |
|               | Solar PV                             | 0      | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Solar PV          |                         |               |
|               | Solar Thermal                        | 0      | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Solar Thermal     |                         |               |
|               | Wind                                 | 0      | 0    | 0    | Ö    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Wind              |                         |               |
|               | Ocean/Tidal                          | 0      | 0    | 0    | 0    | 0                                     | 0    | 0   | . 0  | 0 :  | 0                            | Ocean/Tidal       |                         |               |
|               | Fuel Cells                           | 0      | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Fuel Cells        |                         |               |
| Contract Year | Post 2002 Contract Detail            | 29,719 | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Resource Type     | Expected Classification | Contract Leng |
| 2008          | Big Horn - Big Horn Wind Project LLC | 1,109  | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Wind              | Pre-June 1, 2010        | Short term    |
| 2009          | FMG - Mid Valley - FMG - Mid Valley  | 4,478  | 0    | 0    | 0    | 0                                     | 0    | Ó   | 0    | 0    | 0                            | Landfill Gas      | Pre-June 1, 2010        | Short-term    |
| 2009          | FMG - Milliken - FMG - Milliken      | 4,870  | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Landfill Gas      | Pre-June 1, 2010        | Short-term    |
| 2008          | Tulloch - Tulloch                    | 1,363  | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Small Hydro       | Pre June 1, 2010        | Short-term    |
| 2009          | White Creek Wind 1 - White Creek     | 5,278  | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Wind              | Category 3              | Short-term    |
| 2009          | White Creek Wind 1 - White Creek     | 8,227  | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Wind              | Pre June 1, 2010        | Short-term    |
| 2008          | White Creek Wind 1 - White Creek     | 2,813  | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Wind              | Category 3              | Short term    |
| 2009          | White Creek Wind 1 White Creek       | 1,581  | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            | Wind              | Pre-June 1, 2010        | Short term    |
|               | Contract Name                        | 0      | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            |                   |                         |               |
|               | Contract Name                        | 0      | 0    | 0    | 0    | 0                                     | O    | 0   | 0    | 0    | 0                            | the second second |                         |               |
|               | Contract Name                        | 0      | 0    | 0    | 0    | 0                                     | 0    | o   | 0    | 0    | 0                            |                   |                         |               |
|               | Contract Name                        | 0      | Ô    | 0    | 0    | 0                                     | 0    | 0   | 0    | Ó    | 0                            |                   |                         |               |
|               | Contract Name                        | 0      | 0    | 0    | 0    | 0                                     | 0    | . 0   | 0    | 0    | Ö                            |                   |                         |               |
|               | Contract Name                        | 0      | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            |                   |                         |               |
|               | Contract Name                        | ō      | 0    | Ó    | ō    | 0                                     | Ó    | Ō   | 0    | Ö    | Ö                            |                   |                         |               |
|               | Contract Name                        | 0      | 0    | 0    | 0    | 0                                     | 0    | 0   | 0    | 0    | 0                            |                   |                         |               |
|               | Contract Name                        | 0      | Ō    | 0    | 0    | 0                                     | Ō    | Ô   | o    | 0    | 0                            |                   |                         |               |
|               | Contract Name                        | 0      | Ō    | Ó    | Ō    | 0                                     | Ō    | Ö   | 0    | Ō    | Ó                            |                   |                         |               |
|               | Contract Name                        | 0      | Ó    | n    | 0    | 0                                     | Ô    | 0   | Ô    | 0    | ō                            |                   |                         |               |
|               | Contract Name                        | 0      | Ō    | Ó    | 0    | 0                                     | 0    | Ö   | Ö    | Ö    | ő                            |                   |                         |               |
|               | Contract Name                        | 0      | Ō    | 0    | 0    | . 0                                   | 0    | 0   | 0    | 0    | Ó                            |                   |                         |               |
|               | Contract Name                        |        | ^    |      |      | a a a a a a a a a a a a a a a a a a a |      | territoria de la companya de la comp |      |      | and the second second second |                   |                         |               |

#### OFFICER VERIFICATION FORM

I am an officer of the reporting corporation herein, and am authorized to make this verification on its behalf. The statements in the foregoing document are true of my own knowledge, except as to matters which are therein stated on information or belief, and as to those matters I believe them to be true. The spreadsheet format used to file this compliance report has not been altered from the version issued or approved by Energy Division [, with the alterations described in this report].

I declare under penalty of perjury that the foregoing is true and correct.

Executed on 12/20/12 at 5 po Kage Washington

(Name of city)

(State)

(Signature and Title of Corporate Officer)