CONFIDENTIAL Attachment C

One Time Calculation of Incremental Cost for Each (All) Eligible Resource(s)

480-109-210(2)(a)(i) Utility must make a one-time calculation of incremental cost for each eligible resource at the time of acquisition or, for historic acquisitions, the best information available at the time of acquistion

Formula One Time Calculation of Incremental Cost:

Energy-Levelized Incremental Cost:

[Levelized Cost Eligible Renewable Resource – Levelized Cost Alternative]

Capacity-Levelized Incremental Cost:

[Levelized Cost Eligible Renewable Resource – Levelized Cost Alternative]

Energy + Capacity = Incremental Cost

| | | | \$ | Energy | Capacity | Capacity | \$ | \$ |
|-------------------------------|----------------------------|-------------------------|------------------------|----------------|----------------|------------------------|------------------|------------------|
| | Incremental Levelized Cost | Levelized Cost Eligible | Total Annual Cost (\$) | Levelized Cost | Levelized Cost | Total Alternative Cost | Incremental Cost | Washington Share |
| | (\$/REC/MWh) | Renewable Resource | | | | (\$) | (\$) | (\$) |
| Resource | | (\$/MWh) | | | | | | |
| Goodnoe Hills | 14.13 | 89.86 | 23,998,180 | 66.28 | 9.44 | 20,223,968 | 3,774,212 | - |
| Leaning Juniper | 3.58 | 76.91 | 23,505,014 | 64.26 | 9.06 | 22,409,681 | 1,095,332 | - |
| Marengo I | 6.47 | 81.28 | 31,977,638 | 65.53 | 9.28 | 29,431,936 | 2,545,702 | - |
| Marengo II | 12.11 | 87.89 | 16,471,142 | 66.28 | 9.50 | 14,202,225 | 2,268,916 | - |
| Lemolo 1 (Upgrade 2003) | (45.23) | 3.91 | 51,351 | 37.76 | 11.37 | 645,674 | (594,322) | - |
| Lemolo 2 (Upgrade 2009) | (65.95) | 51.55 | 886,739 | 92.87 | 24.62 | 2,021,147 | (1,134,408) | - |
| JC Boyle (Upgrade 2005) | (66.44) | 3.26 | 113,445 | 39.00 | 28.09 | 2,336,870 | (2,223,425) | - |
| Prospect 2 (Upgrade 1999) | (40.27) | 4.31 | 39,062 | 34.93 | 10.47 | 411,164 | (372,102) | - |
| Top of the World | 8.51 | | | | | | | |
| Dunlap I | 8.51 | | | | | | | |
| Seven Mile Hill I | 8.51 | | | | | | | |
| Glenrock I | 8.51 | | | | | | | |
| Campbell Hill | 8.51 | | | | | | | |
| Bennett Creek | | | | | | | | |
| Hot Springs | | | | | | | | |
| Pavant I | | | | | | | | |
| Enterprise | | | | | | | | |
| Adams Solar | | | | | | | | |
| Bear Creek Solar | | | | | | | | |
| Bly Solar | | | | | | | | |
| Elbe Solar | | | | | | | | |
| | | | | | | | | |
| Total Renewable Resource Cost | | | 97,042,570 | | | 91,682,665 | 5,359,905 | _ |

Note: Washington's share of the resource varies from year to year, depending on the state's actual System Generation (SG) Allocation factor.

Note: Please refer to confidential workbook '190448-PPL-WP-2a-Resource-Cost-Anlys-2018-WA-RPS-Rpt-r-8-23-19 (C)' for details

| Washingto | n Share: | |
|-------------|----------|---|
| 2018 ALL RE | SOURCES | |
| TOTAL INCR | EMENTAL | |
| COST = | ENERGY + | |
| CAPACITY | | - |

2018 Actual Data: Annual Calculation of Revenue Requirement Ratio

480-109-210(2)(a)(ii) Utility must annually calculate its revenue requirement ratio for 1) All Resources 2) Required Resources Target Year

Formula Annual Calculation of Incremental Cost (Revenue Requirement Ratio):

1) Total Incremental Cost All* Resources:

{[sum of incremental costs of All* eligible resources + cost of unbundled RECs] - [revenue RECs]} / annual revenue requirement

2) Total Incremental Cost Required Resources for Target Year:

{[sum of incremental costs of Target Year* eligible resources used for target year compliance + cost of unbundled RECs] - [revenue RECs]} / annual revenue requirement

| | TARGET YEAR: ALL AV | TARGET YEAR: ALL AVAILABLE RESOURCES BASED ON ACTUAL RESULTS | | | TARGET YEAR: FORCAST SUBJECT TO CHANGE | | | |
|-----------------------------------|-----------------------------|--|------------------------|-----------------------|--|------------------|--|--|
| | sum of incremental costs of | RECs Generated or | | sum of incremental | | Revenue from REC | | |
| Resource | all eligible resources | Purchased | Revenue from REC sales | costs of all eligible | RECs purchased | sales | | |
| Goodnoe Hills | 258,822 | 18,315 | 0 | | | | | |
| Leaning Juniper | 57,422 | 16,022 | 0 | | | | | |
| Marengo I | 172,949 | 26,729 | 0 | | | | | |
| Marengo II | 158,170 | 13,065 | 0 | | | | | |
| Lemolo 1 (Upgrade 2003) | (45,547) | 1,007 | 0 | | | | | |
| Lemolo 2 (Upgrade 2009) | (5,539) | 84 | 0 | | | | | |
| JC Boyle (Upgrade 2005) | (13,619) | 205 | 0 | | | | | |
| Prospect 2 (Upgrade 1999) | (10,713) | 266 | 0 | | | | | |
| SG Total | | 75,693 | | | | | | |
| Top of the World | 359,775 | 42,284 | 0 | | | | | |
| Dunlap I | 473,483 | 55,648 | 0 | | | | | |
| Seven Mile Hill I | 100,775 | 11,844 | 0 | | | | | |
| Glenrock I | 205,422 | 24,143 | 0 | | | | | |
| Campbell Hill | 423,334 | 49,754 | 0 | | | | | |
| CAGW Total | | 183,673 | | | | | | |
| WIND REC Only | | | | | | | | |
| Bennett Creek Windfarm - REC Only | | 9,667 | 0 | | | | | |
| Hot Springs Wind Farm - REC Only | | 8,846 | 0 | | | | | |
| Solar REC Only | | | | | | | | |
| Pavant | | 26,549 | 0 | | | | | |
| Enterprise | | 64,705 | 0 | | | | | |
| REC Only Total | | 109,767 | | | | | | |
| | | | 0 | | | | | |
| Total | 2,325,266 | 369,133 | 0 | | | | | |
| WA Share | 2,325,266 | 369,133 | 0 | | | | | |

| Annual Revenue Requirement (most recent rate case) | | 330,209,153 | | |
|--|----------------|-------------|----------------|--|
| | CALCULATION 1: | 2,325,266 | CALCULATION 2: | |
| | | | | |
| | | 0.70% | | |

2019 Estimated Data: Annual Calculation of Revenue Requirement Ratio

480-109-210(2)(a)(ii) Utility must annually calculate its revenue requirement ratio for 1) All Resources 2) Required Resources Target Year

Formula Annual Calculation of Incremental Cost (Revenue Requirement Ratio):

1) Total Incremental Cost All* Resources:

{[sum of incremental costs of All* eligible resources + cost of unbundled RECs] - [revenue RECs]} / annual revenue requirement

2) Total Incremental Cost Required Resources for Target Year:

{[sum of incremental costs of Target Year* eligible resources used for target year compliance + cost of unbundled RECs] - [revenue RECs]} / annual revenue requirement

| | ALL AVAII | LABLE RESOURCES ESTIMA | ATED | TARGET YEAR: BASED ON EXPECTED COMPLIANCE RESOURCES | | |
|--|-----------------------------|------------------------|------------------------|---|-------------------|-----------------------|
| | sum of incremental costs of | RECs Generated or | | sum of incremental costs of | RECs Generated or | |
| Resource | all eligible resources | Purchased | Revenue from REC sales | all eligible resources | Purchased | Revenue from REC sale |
| Goodnoe Hills | 227,492 | 16,098 | 0 | 227,492 | 16,098 | (|
| Leaning Juniper | 58,734 | 16,388 | 0 | 58,734 | 16,388 | (|
| Marengo I | 168,665 | 26,067 | 0 | 168,665 | 26,067 | (|
| Marengo II | 151,524 | 12,516 | 0 | 151,524 | 12,516 | (|
| Lemolo 1 (Upgrade 2003) | (54,638) | 1,208 | 0 | (54,638) | 1,208 | (|
| Lemolo 2 (Upgrade 2009) | (7,188) | 109 | 0 | (7,188) | 109 | (|
| JC Boyle (Upgrade 2005) | (16,343) | 246 | 0 | (16,343) | 246 | (|
| Prospect 2 (Upgrade 1999) | (11,397) | 283 | 0 | (11,397) | 283 | (|
| SG Total | | 72,915 | | | 72,915 | |
| Top of the World | 413,651 | 48,616 | 0 | 413,651 | 48,616 | (|
| Dunlap I | 250,406 | 29,430 | 0 | 250,406 | 29,430 | (|
| Glenrock I | 205,209 | 24,118 | 0 | 205,209 | 24,118 | (|
| Campbell Hill | 225,298 | 26,479 | 0 | 225,298 | 26,479 | 1 |
| CAGW Total | | 128,643 | | | 128,643 | |
| WIND REC Only | | | | | | |
| Bennett Creek Windfarm | | 3,216 | 0 | | 3,216 | (|
| Hot Springs Wind Farm | | 1,923 | 0 | | 1,923 | 1 |
| SOLAR REC Only | | | | | | |
| Adams Solar | | 5,022 | 0 | | 5,022 | |
| Bear Creek Solar | | 5,132 | 0 | | 5,132 | |
| Bly Solar | | 4,059 | 0 | | 4,059 | |
| Elbe Solar | | 5,022 | 0 | | 5,022 | |
| Pavant | | 53,461 | 0 | | 53,461 | |
| Enterprise | | 88,276 | 0 | | 88,276 | (|
| REC Only Total | | 166,111 | | | 166,111 | |
| Total | 1,893,965 | 367,669 | 0 | 1,893,965 | 367,669 | (|
| WA Share | 1,893,965 | 367,669 | | 1,893,965 | 367,669 | |
| | | | | | | |
| Annual Revenue Requirement (most recent rate case) | | | 330,209,153 | | | 330,209,153 |
| CALCULATION 1: | | 1,893,965 | CALCULATION 2: 1,893 | | | |
| | | | | 0.574 | | |

(iii)(A) & (B) Annual Reporting Summary Data: 2018 and 2019

2018

Utility must (A) report its total incremental cost as a dollar amount and in dollars per megawatt-hour of renewable energy generated by all eligible renewable resources in the calcualtion (a)(i) of this subsection; and (B) multiply the dollars per megawatt-hour cost calculated in (a)(iii)(A) of this subsection by the number of megawatt-hours needed for target year compliance.

| | (A) | | | (B) | | |
|---|---|---------|------------------------------------|---|---|--|
| Resource | Total Incremental Cost (as dollar \$ amt.) | MWh | Total Incremental Cost (\$/MWh) | Number of Megawatt-hours Needed for Target Year Compliance | Total Incremental Cost (\$/MWh) Multiplied by Number of Megawatt-hours Needed for Target Year Compliance | |
| Goodnoe Hills | 258,822 | 18,315 | 14.13 | 18,315 | 258,822 | |
| Leaning Juniper | 57,422 | 16,022 | 3.58 | 16,022 | 57,422 | |
| Marengo I | 172,949 | 26,729 | 6.47 | 26,729 | 172,949 | |
| Marengo II | 158,170 | 13,065 | 12.11 | 13,065 | 158,170 | |
| Lemolo 1 (Upgrade 2003) | (45,547) | 1,007 | (45.23) | 1,007 | (45,547) | |
| Lemolo 2 (Upgrade 2009) | (5,539) | 84 | (65.95) | 84 | (5,539) | |
| JC Boyle (Upgrade 2005) | (13,619) | 205 | (66.44) | 205 | (13,619) | |
| Prospect 2 (Upgrade 1999) | (10,713) | 266 | (40.27) | 266 | (10,713) | |
| Top of the World - Top of the World | 359,775 | 42,284 | 8.51 | 42,284 | 359,775 | |
| Dunlap I - Dunlap I | 473,483 | 55,648 | 8.51 | 55,648 | 473,483 | |
| Seven Mile Hill I | 100,775 | 11,844 | 8.51 | 11,844 | 100,775 | |
| Glenrock I - Glenrock I | 205,422 | 24,143 | 8.51 | 24,143 | 205,422 | |
| Campbell Hill | 423,334 | 49,754 | 8.51 | 49,754 | 423,334 | |
| Bennett Creek Windfarm - Bennett Creek Windfarm | | 9,667 | | 9,667 | | |
| Hot Springs Windfarm - Hot Springs Windfarm | | 8,846 | | 8,846 | | |
| Adams Solar | 0 | 0 | | 0 | 0 | |
| Bear Creek Solar | 0 | 0 | | 0 | 0 | |
| Bly Solar | 0 | 0 | | 0 | 0 | |
| Elbe Solar | 0 | 0 | | 0 | 0 | |
| Pavant Solar | | 26,549 | | 26,549 | | |
| Enterprise Solar | | 64,705 | | 64,705 | | |
| TOTAL | 2,325,266 | 369,133 | | 369,133 | 2,325,266 | |

*NOTE: does not include 2018 vintage RECs carried forward to 2019 compliance period

2019

Utility must (A) report its total incremental cost as a dollar amount and in dollars per megawatt-hour of renewable energy generated by all eligible renewable resources in the calculation (a)(i) of this subsection; and (B) multiply the dollars per megawatt-hour cost calculated in (a)(iii)(A) of this subsection by the number of megawatt-hours needed for target year compliance.

| | F | | | | | |
|---|---|---------|------------------------------------|---|---|--|
| | (A) | | | (B) | | |
| Resource | Total Incremental Cost (as dollar \$ amt.) | MWh | Total Incremental Cost (\$/MWh) | Number of Megawatt-hours Needed for Target Year Compliance | Total Incremental Cost (\$/MWh) Multiplied by Number of Megawatt-hours Needed for Target Year Compliance | |
| Goodnoe Hills | 227,492 | 16,098 | 14.13 | 16,098 | 227,492 | |
| Leaning Juniper | 58,734 | 16,388 | 3.58 | 16,388 | 58,734 | |
| Marengo I | 168,665 | 26,067 | 6.47 | 26,067 | 168,665 | |
| Marengo II | 151,524 | 12,516 | 12.11 | 12,516 | 151,524 | |
| Lemolo 1 (Upgrade 2003) | (54,638) | 1,208 | (45.23) | 1,208 | (54,638) | |
| Lemolo 2 (Upgrade 2009) | (7,188) | 109 | (65.95) | 109 | (7,188) | |
| JC Boyle (Upgrade 2005) | (16,343) | 246 | (66.44) | 246 | (16,343) | |
| Prospect 2 (Upgrade 1999) | (11,397) | 283 | (40.27) | 283 | (11,397) | |
| Top of the World - Top of the World | 413,651 | 48,616 | 8.51 | 48,616 | 413,651 | |
| Dunlap I - Dunlap I | 250,406 | 29,430 | 8.51 | 29,430 | 250,406 | |
| Glenrock I - Glenrock I | 205,209 | 24,118 | 8.51 | 24,118 | 205,209 | |
| Campbell Hill - Campbell Hill | 225,298 | 26,479 | 8.51 | 26,479 | 225,298 | |
| Bennett Creek Windfarm - Bennett Creek Windfarm | | 3,216 | | 3,216 | | |
| Hot Springs Windfarm - Hot Springs Windfarm | | 1,923 | | 1,923 | | |
| Adams Solar | | 5,022 | | 5,022 | | |
| Bear Creek Solar | | 5,132 | | 5,132 | | |
| Bly Solar | | 4,059 | | 4,059 | | |
| Elbe Solar | | 5,022 | | 5,022 | | |
| Pavant Solar | | 53,461 | | 53,461 | | |
| Enterprise Solar | | 88,276 | | 88,276 | | |
| TOTAL | 1,893,965 | 367,669 | | 367,669 | 1,893,965 | |

*NOTE: does not include 2019 vintage RECs carried forward to 2020 compliance period