# 2010 BPA Rate Case Wholesale Power Rate Final Proposal 

## LOOKBACK RECOVERY AND RETURN

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## LOOKBACK RECOVERY AND RETURN STUDY

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## COMMONLY USED ACRONYMS

| AC | alternating current |
| :--- | :--- |
| AFUDC | Allowance for Funds Used During Construction |
| AGC | Automatic Generation Control |
| ALF | Agency Load Forecast (computer model) |
| aMW | average megawatt |
| AMNR | Accumulated Modified Net Revenues |
| ANR | Accumulated Net Revenues |
| AOP | Assured Operating Plan |
| ASC | Average System Cost |
| ATC | Accrual to Cash |
| BAA | Balancing Authority Area |
| BASC | BPA Average System Cost |
| Bcf | billion cubic feet |
| BiOp | Biological Opinion |
| BPA | Bonneville Power Administration |
| Btu | British thermal unit |
| CAISO | California Independent System Operator |
| CBFWA | Columbia Basin Fish \& Wildlife Authority |
| CCCT | combined-cycle combustion turbine |
| cfs | cubic feet per second |
| CGS | Columbia Generating Station |
| CHJ | Chief Joseph |
| C/M | consumers per mile of line ratio for LDD |
| COB | California-Oregon Border |
| COE | U.S. Army Corps of Engineers |
| COI | California-Oregon Intertie |
| COSA | Cost of Service Analysis |
| COU | consumer-owned utility |
| Council | Northwest Power and Conservation Council |
| CP | Coincidental Peak |
| CRAC | Cost Recovery Adjustment Clause |
| CRC | Conservation Rate Credit |
| CRFM | Columbia River Fish Mitigation |
| CRITFC | Columbia River Inter-Tribal Fish Commission |
| CSP | Customer System Peak |
| CT | combustion turbine |
| CY | calendar year (January through December) |
| DC | direct current |
| DDC | Dividend Distribution Clause |
| dec | decremental (pertains to generation movement) |
| DJ | Debt Jones |
| DO | Departiment of Energion |
| DOE | DOP |

DSI
DSO
EAF
ECC
EIA
EIS
EN
EPA
EPP
EQR
ESA
F\&O
FBS
FCRPS
FCRTS
FERC
FELCC
FPA
FPS
FY
GAAP
GARD
GCL
GCPs
GEP
GI
GRI
GRSPs
GSP
GSU
GTA
GWh
HLH
HOSS
HYDSIM
IDC
inc
IOU
IP
IPR
IRP
ISD
ISO
JDA
kaf
direct-service industrial customer or direct-service industry
Dispatcher Standing Order
energy allocation factor
Energy Content Curve
Energy Information Administration
Environmental Impact Statement
Energy Northwest, Inc. (formerly Washington Public Power Supply System)
Environmental Protection Agency
Environmentally Preferred Power
Electric Quarterly Report
Endangered Species Act
financial and operating reports
Federal base system
Federal Columbia River Power System
Federal Columbia River Transmission System
Federal Energy Regulatory Commission
firm energy load carrying capability
Federal Power Act
Firm Power Products and Services (rate)
fiscal year (October through September)
Generally Accepted Accounting Principles
Generation and Reserves Dispatch (computer model)
Grand Coulee
General Contract Provisions
Green Energy Premium
Generation Integration
Gas Research Institute
General Rate Schedule Provisions
Generation System Peak
generator step-up transformers
General Transfer Agreement
gigawatthour
heavy load hour
Hourly Operating and Scheduling Simulator (computer model)
Hydro Simulation (computer model)
interest during construction
incremental (pertains to generation movement)
investor-owned utility
Industrial Firm Power (rate)
Integrated Program Review
Integrated Resource Plan
incremental standard deviation
Independent System Operator
John Day
thousand (kilo) acre-feet

| kcfs | thousand (kilo) cubic feet per second |
| :---: | :---: |
| K/I | kilowatthour per investment ratio for LDD |
| ksfd | thousand (kilo) second foot day |
| kV | kilovolt (1000 volts) |
| kVA | kilo volt-ampere (1000 volt-amperes) |
| kVAr | kilo-volt ampere reactive |
| kW | kilowatt (1000 watts) |
| kWh | kilowatthour |
| LDD | Low Density Discount |
| LGIP | Large Generator Interconnection Procedures |
| LLH | light load hour |
| LME | London Metal Exchange |
| LOLP | loss of load probability |
| LRA | Load Reduction Agreement |
| $\mathrm{m} / \mathrm{kWh}$ | mills per kilowatthour |
| MAE | mean absolute error |
| Maf | million acre-feet |
| MCA | Marginal Cost Analysis |
| MCN | McNary |
| Mid-C | Mid-Columbia |
| MIP | Minimum Irrigation Pool |
| MMBtu | million British thermal units |
| MNR | Modified Net Revenues |
| MOA | Memorandum of Agreement |
| MOP | Minimum Operating Pool |
| MORC | Minimum Operating Reliability Criteria |
| MOU | Memorandum of Understanding |
| MRNR | Minimum Required Net Revenue |
| MVA | mega-volt ampere |
| MVAr | mega-volt ampere reactive |
| MW | megawatt (1 million watts) |
| MWh | megawatthour |
| NCD | non-coincidental demand |
| NEPA | National Environmental Policy Act |
| NERC | North American Electric Reliability Corporation |
| NFB | National Marine Fisheries Service (NMFS) Federal Columbia River Power System (FCRPS) Biological Opinion (BiOp) |
| NIFC | Northwest Infrastructure Financing Corporation |
| NLSL | New Large Single Load |
| NOAA Fisheries | National Oceanographic and Atmospheric Administration Fisheries (officially National Marine Fisheries Service) |
| NOB | Nevada-Oregon Border |
| NORM | Non-Operating Risk Model (computer model) |
| Northwest Power Act | Pacific Northwest Electric Power Planning and Conservation Act |
| NPCC | Northwest Power and Conservation Council |


| NPV | net present value |
| :---: | :---: |
| NR | New Resource Firm Power (rate) |
| NT | Network Transmission |
| NTSA | Non-Treaty Storage Agreement |
| NUG | non-utility generation |
| NWPP | Northwest Power Pool |
| OATT | Open Access Transmission Tariff |
| O\&M | operation and maintenance |
| OMB | Office of Management and Budget |
| OTC | Operating Transfer Capability |
| OY | operating year (August through July) |
| PDP | proportional draft points |
| PF | Priority Firm Power (rate) |
| PI | Plant Information |
| PMA | (Federal) Power Marketing Agency |
| PNCA | Pacific Northwest Coordination Agreement |
| PNRR | Planned Net Revenues for Risk |
| PNW | Pacific Northwest |
| POD | Point of Delivery |
| POI | Point of Integration or Point of Interconnection |
| POM | Point of Metering |
| POR | Point of Receipt |
| Project Act | Bonneville Project Act |
| PS | BPA Power Services |
| PSC | power sales contract |
| PSW | Pacific Southwest |
| PTP | Point to Point Transmission (rate) |
| PUD | public or people’s utility district |
| RAM | Rate Analysis Model (computer model) |
| RAS | Remedial Action Scheme |
| Reclamation | U.S. Bureau of Reclamation |
| RD | Regional Dialogue |
| REC | Renewable Energy Certificate |
| REP | Residential Exchange Program |
| RevSim | Revenue Simulation Model (component of RiskMod) |
| RFA | Revenue Forecast Application (database) |
| RFP | Request for Proposal |
| RiskMod | Risk Analysis Model (computer model) |
| RiskSim | Risk Simulation Model (component of RiskMod) |
| RMS | Remote Metering System |
| RMSE | root-mean squared error |
| ROD | Record of Decision |
| RPSA | Residential Purchase and Sale Agreement |
| RTF | Regional Technical Forum |
| RTO | Regional Transmission Operator |
| SCADA | Supervisory Control and Data Acquisition |

SCCT
Slice
SME
TAC
TDA
Tcf
TPP
Transmission System Act
TRL
TRM
TS
UAI
UDC
URC
USFWS
VOR
WECC
WIT
WPRDS
WREGIS
WSPP
single-cycle combustion turbine
Slice of the System (product)
subject matter expert
Targeted Adjustment Charge
The Dalles
trillion cubic feet
Treasury Payment Probability
Federal Columbia River Transmission System Act
Total Retail Load
Tiered Rate Methodology
BPA Transmission Services
Unauthorized Increase
utility distribution company
Upper Rule Curve
U.S. Fish and Wildlife Service

Value of Reserves
Western Electricity Coordinating Council (formerly WSCC)
Wind Integration Team
Wholesale Power Rate Development Study
Western Renewable Energy Generation Information System
Western Systems Power Pool

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## 1. INTRODUCTION

### 1.1 Background and Purpose of the Study

### 1.1.1 Purpose of the Study

The purpose of this Study is to present the calculations and determinations of the Lookback Amounts to be recovered from the investor-owned utilites (IOUs) and returned to the eligible consumer-owned utilities (COUs) in FY 2010 and FY 2011. Consumer-owned utilities are defined as the public bodies, cooperatives, and federal agencies that are eligible to purchase power from BPA at the Priority Firm rate. It should be noted that the results presented in this Study account for the relevant impacts of the Avista deemer settlement signed in June 2009. See Deemer Account Settlement Agreement with Avista Corporation, Administrator’s Record of Decision, June 22, 2009 (Avista Deemer Settlement ROD). Section 2.2 describes the impacts of this settlement on the Lookback calculations.

This study also documents certain minor corrections for errors discovered in the PF-02 revenue data used to determine the non-Slice PF-02 revenue shares used in Table 15.10 of the final FY 2002-2008 Lookback Study, WP-07-FS-BPA-08. These errors, discovered subsequent to the publication of the WP-07 Supplemental Final Proposal, change the utility-specific percentages used to allocate the Lookback Amounts recovered from the IOUs to the eligible COUs.

### 1.1.2 Background

On May 3, 2007, the Ninth Circuit Court of Appeals (Court) held that the 2000 Residential Exchange Program Settlement Agreements (REP Settlement Agreements) executed by BPA and the region's IOUs were inconsistent with the Northwest Power Act. Portland General Elec. Co. v. Bonneville Power Admin., 501 F.3d 1009 (9th Cir. 2007) (PGE). In a companion case, the

Court also remanded the WP-02 power rates to BPA on the grounds that BPA improperly allocated the costs of the REP Settlement Agreements, as amended, to BPA's preference customers. Golden NW Aluminum, Inc. v. Bonneville Power Admin., 501 F.3d 1037 (9th Cir. 2007) (Golden NW). Although the Court's decision in Golden NW addressed only the WP-02 rates, the WP-07 wholesale power rates were similarly flawed because they contained the same treatment of the REP Settlement Agreements as the WP-02 rates.

In February 2008, BPA commenced the WP-07 Supplemental rate proceeding to respond to the Court's decisions. In that proceeding, BPA revisited its WP-02 and WP-07 rate case assumptions through a comprehensive "Lookback" construct. As explained fully in the 2007 Supplemental Wholesale Power Rate Case Administrator’s Final Record of Decision (WP-07 Supplemental ROD), WP-07-A-05, particularly chapters 8 and 9, the Lookback construct compared amounts paid under the REP Settlement Agreements for FY 2002-2008 with the amounts BPA would likely have paid under the traditional operation of the REP. The difference between these two amounts, subject to certain specified rules, is the amount BPA must recover from the IOUs and return to the COUs. In the Final Proposal of the WP-07 Supplemental rate proceeding, and after adjustments to reflect the Avista deemer settlement, BPA concluded that the COUs were overcharged by approximately \$985 million in FY 2002-2008. See Table 1.

## Table 1

Summary of Overcharges to the COUs in FY 2002-FY 2008 Due to the 2000 REP Settlement Agreements
(\$ in millions)


Overcharges to the Preference Customers in 2009\$

Revised Overcharge for FY 2008 due to Avista Deemer Settlement
Revised Total Overcharges for FY 2002-2008
Source: Table 15.9, FY 2002-2008 Lookback Study (Conformed), WP-07-FS-BPA-08 and page 279
FY 2002-2006 amounts in 2009 \$ in millions

Table 1 shows the annual amounts of the overcharges to the COUs for FY 2002-2008. The FY 2007-2008 amount of $\$ 257$ million was returned to the eligible COUs at the beginning of FY 2009 via electronic funds transfers pursuant to the decisions in the WP-07 Supplemental ROD. WP-07 Supplemental ROD, WP-07-A-05, at 286-295. The FY 2002-2006 overcharges from Table 1 of $\$ 746$ million, plus $\$ 21$ million to account for FY 2007, resulted in a total FY 2002-2006 Lookback Amount of $\$ 767$ million that will be recovered from the IOUs and returned to the COUs over time. FY 2002-2008 Lookback Study, WP-07-FS-BPA-08, at 270.

Each IOU has a unique Lookback Amount. The Lookback Amounts are to be recovered from the IOUs over time through reductions in IOUs' rightfully due REP benefits, and returned to the eligible COUs as credits on their power bills. See WP-07 Supplemental ROD, WP-07-A-05, chapter 9. Outstanding Lookback Amounts accrue interest. See section 2.5.3. The original Lookback Amount of $\$ 767$ million described in the previous paragraph is reduced by $\$ 93.3$ million of reconstructed FY 2008 REP benefits (the original $\$ 87.5$ million as well as the additional \$5.8 million applied due to the Avista deemer settlement), leaving the end-of-FY 2008
balance at $\$ 673$ million, after accounting for the Avista deemer settlement. See FY 2002-2008 Lookback Study, WP-07-FS-BPA-08, at 272; Table 12.

## 2. LOOKBACK AMOUNTS, RECOVERY AND RETURN

### 2.1 Summary of Overcharges to the COUs and the Amounts Returned

Table 1 shows the total amount of overcharges incurred by the COUs in FY 2002-2008. As noted, the entire $\$ 257$ million in overcharges for FY 2007-2008 was returned to the PF-07 customers. BPA was able to make these payments to preference customers without adversely affecting its financial reserves because BPA continued to charge the COUs the PF-07 rate, which included the costs of the REP Settlement Agreements with the IOUs following the Court's rulings in PGE and Golden NW. The PF-07 rate could not be immediately lowered, because a 7(i) rate proceeding was necessary before a revised rate could be established.

The FY 2002-2006 amount, which includes an adjustment for the overpayments to the IOUs in FY 2007, is the basis for the FY 2002-2006 Lookback Amount of $\$ 767$ million. Of this amount, $\$ 154.48$ million, including interest, will be returned to the eligible COUs by the end of FY 2009. FY 2002-2008 Lookback Study, WP-07-FS-BPA-08, at 277. This $\$ 154.48$ million includes two minor adjustments that were not accounted for in the original Lookback calculations. Id. An additional $\$ 12.56$ million will be paid to the eligible COUs in FY 2009 due to the Avista deemer settlement. Thus, of the total overcharges of $\$ 985$ million, $\$ 424$ million will be returned by the end of FY 2009.

For the FY 2010-2011 rate period, an additional \$163 million of the Lookback Amount will be recovered from the IOUs and returned to the PF-02 customers. As shown in Table 2, $\$ 587$ million of the original $\$ 985$ million in overcharges will be returned to eligible preference customers by the end of FY 2011. Assuming that the present pace of repayment continues, approximately $\$ 911$ million is projected to be returned to COUs by the end of FY 2015. See Table 2.

Table 2
Summary of the Overcharges to the COUs and Amounts Returned to the COUs

| A | B |  | C | D |
| :---: | :---: | :---: | :---: | :---: |
| Line \# | $\qquad$ |  |  |  |
| 1 | Total Overcharges for FY 2007-2008. All returned to PF-07 COUs by the end of FY 2009 | \$ | 256.82 | FY 2002-2008 Lookback Study, WP-07-FS-08, at 279 /1 |
| 2 | Recovered and Returned Lookback Payments, including Adjustments, in FY 2009 | \$ | 154.48 | FY 2002-2008 Lookback Study, WP-07-FS-BPA-08, at 277. |
| 3 | Return of Lookback amounts Recovered due to Avista Deemer Settlement ( $\$ 5.84 \mathrm{M}$ of FY 08 REP benefits and $\$ 6.72 \mathrm{M}$ of FY 09 REP benefits Applied to Avista's Lookback balance) | \$ | 12.56 | Avista Deemer Settlement ROD at 15 and Table 3 of this Study |
| 4 | Total Overcharges Returned to the COUs by the End of FY 2009 | \$ | 423.86 | Sum of lines 1, 2, and 3 |
| 5 | Total Amount of REP benefits Applied to the Lookback balances and Returned to the PF-02 Customers in FY 2010-11 | \$ | 163.14 | See Table 5 of this Study |
| 6 | Total Overcharges Returned to the COUs by the End of FY 2011 | \$ | 587.00 | Sum of lines 4 and 5 |
| 7 | Total Lookback amounts Projected to be Recovered and Returned in FY 2012-15 | \$ | 324.06 | See Table 2 of this Study |
| 8 | Total of the FY 2002-2008 Overcharges Projected to be Returned by the end of FY 2015 | \$ | 911.06 | Sum of lines 6 and 7 |
| 9 | Total Overcharges to the COUs for FY 2002-2008 | \$ | 985.20 | Table 1 of this Study |
| 10 | Total Lookback Amounts Recovered and Returned in FY 2009-2015 | \$ | 564.70 | See Table 12, Sum of Cells D83 through J83 |
| 11 | Percent of Beginning FY 2009 Lookback Amount balance of \$673M Recovered and Returned in FY 2009 - 2015 (including interest), Including Idaho Power |  | 62\% | See Table 12, Cell J86 |
| 12 | Percent of Beginning FY 2009 Lookback Amount balance of \$571M Recovered and Returned in FY 2009 - 2015 (including interest), Excluding Idaho Power |  | 80\% | See Table 12, Cell J87 |

/1 Actual overcharges were reduced to $\$ 238 \mathrm{M}$ due to the Avista deemer settlement. However, BPA is not collecting the difference from the COUs

The fiscal years that represent the goal of returning the Lookback Amount within seven years cover FY 2009-2015. At the beginning of this seven-year period, the Lookback Amount balance was $\$ 673$ million (after accounting for the Avista deemer settlement). Of this amount, \$565 million, including accrued interest, or 62 percent, is projected to be recovered and returned by the end of FY 2015, the last year of the seven-year time period. If only the Lookback Amounts owed by the five IOUs that currently participate in the REP are considered, then 80 percent is projected to be returned by the end of FY 2015. See Table 2.

### 2.2 Changes to the FY 2009 REP Benefits Applied to Lookback Amounts

The amounts of FY 2009 REP benefits applied to Avista's, PacifiCorp's and Puget's Lookback Amounts differ slightly from the amounts presented in the FY 2002-2008 Lookback Study. See Table 3. The small changes resulted from adjustments made in October 2008 described in this section. Subsequent changes to Avista’s Lookback Amount balance due to the Avista deemer settlement are described in section 2.3.

On or about October 1, 2008, the region's IOUs filed updated exchange load forecasts and their initial FY 2009 ASCs, referred to as "as-filed" ASCs. The as-filed ASCs differed from the forecast ASCs used in the WP-07 Supplemental Final Proposal. As a result, BPA implemented the Supplemental 7(b)(3) Rate Charge Adjustment, which changed the utility-specific PF Exchange rates and the resulting REP benefits, pursuant to the 2007 Supplemental General Rate Schedule Provisions (WP-07 GRSPs), WP-07-A-05A, at 111-112. While the total amount of REP benefits (before deemer and Lookback adjustments) did not change, the distribution of those benefits among the exchanging IOUs did. As a result of these re-calculations, Puget's expected REP benefits for FY 2009 increased markedly due to its higher as-filed ASC, while the REP benefits due the other IOUs (particularly Avista, PacifiCorp, and NorthWestern Energy)
declined. These reductions in REP benefits for Avista and PacifiCorp caused their expected REP payments to fall below the 50 percent threshold.

In response, and by verbal agreement with the affected IOUs, BPA decreased the amount of amortization of Lookback Amounts for PacifiCorp and Avista for FY 2009 to restore their benefit levels to the 50 percent level. In addition, BPA increased the amortization of Puget's Lookback Amount payment for FY 2009 so that the total amortization of Lookback Amounts remained at $\$ 70.77$ million as stated in the WP-07 Supplemental Final Proposal. These changes were based on the as-filed ASCs and the forecast exchange loads from the WP-07 Supplemental Final Proposal; they did not use the updated exchange load forecasts that the IOUs provided on or about October 1, 2009.

The actual amount of REP benefits paid to the IOUs is determined by the amounts of actual residential and small farm loads submitted by exchanging utilities on their monthly REP invoices. These actual exchange loads will almost certainly differ from forecast exchange loads used to set rates and to determine the amount of REP benefits applied to each IOU's Lookback Amount balance. However, the amount of REP benefits applied to each IOU's Lookback Amount balance, once fixed for the year in the rate case, does not vary as REP benefits vary. Table 3 shows the amounts of FY 2009 REP benefits to be applied to each IOU's Lookback Amount. Only the amount for Avista has changed since the WP-10 Initial Proposal. Section 2.3 explains the change in the amount of REP benefits applied to Avista's Lookback Amount balance in FY 2009.

Table 3
Lookback Amounts Recovered and Returned in FY 2009
(\$ in millions)

> A
> FY 2009 REP
> Benefits Applied To Lookback 1/

| Avista | $\$ 2.57$ | $\$ 2.18$ | $\$ 8.9$ |  |
| :--- | :--- | :--- | :--- | :--- |
| Idaho Power | $\$ 0$ | $\$ 0$ | $\$$ | 0 |
| Northwestern | $\$ 0$ | $\$ 0$ | $\$$ | 0 |
| PacifiCorp | $\$ 26.25$ | $\$ 23.56$ | $\$ 23.56$ |  |
| PGE | $\$ 16.81$ | $\$ 16.83$ | $\$ 16.83$ |  |
| Puget | $\$ 25.14$ | $\$ 28.20$ | $\$ 28.20$ |  |
| Total | $\$ 70.77$ | $\$ 70.77$ | $\$ 77.49$ |  |

C
Revised FY 2009 REP
Applied to Lookback After Avista Deemer Settlement 3/

$$
\begin{array}{lr}
\$ & 8.9 \\
\$ & 0 \\
\$ & 0 \\
\$ 23.56 \\
\$ 16.83 \\
\$ 28.20 \\
\$ 77.49
\end{array}
$$

1/ These amounts were the original amounts published in the FY 2002-2008 Lookback Study (WP-07-FS-BPA-08, at 274).
2/ These amounts reflect the changes discussed in this section 2.2 (before Avista deemer settlement).
3/ These amounts reflect the changes discussed in this section 2.2 plus the changes resulting from the Avista deemer settlement discussed in section 2.3

### 2.3 Summary of the Impacts of the Avista Deemer Settlement

The Avista deemer settlement resulted in a revised deemer balance for Avista as of October 1, 2002, of $\$ 55$ million. See Avista Deemer Settlement ROD, at 14-15. In the WP-07 Supplemental proceeding, BPA stated that if a settlement of the Avista deemer dispute was reached, BPA would adjust the Lookback Amounts accordingly. See WP-07 Supplemental ROD (Conformed), WP-07-A-05, at 223. Therefore, BPA replaced the Avista deemer balance assumption- $\$ 85.6$ million as of the beginning of FY 2002—with $\$ 55$ million and re-ran the Lookback calculations in the WP-07 Supplemental Final Proposal. Using the $\$ 55$ million balance in the Lookback model introduced in the WP-07 Supplemental case results in Avista's deemer balance being fully repaid in FY 2008 instead of the original projection of FY 2009. As a result, additional REP benefits were then available to offset Avista’s Lookback Amount balance in both FY 2008 and FY 2009.

Avista's reconstructed REP benefits due for FY 2008 were calculated to be $\$ 34.9$ million, after accounting for an errata filed in the WP-07 Supplemental proceeding. FY 2002-2008 Lookback

$$
\begin{gathered}
\text { WP-10-FS-BPA-07 } \\
\text { Page } 9
\end{gathered}
$$

Study, WP-07-FS-BPA-08, at 262. As a result of the settlement, Avista paid off its entire remaining deemer balance of $\$ 17.055$ million in FY 2008, leaving $\$ 17.845$ million of remaining FY 2008 REP benefits to be apportioned between Avista’s Lookback balance and the Definitive Benefit Amount, as defined in the WP-07 Supplemental rate proceeding. WP-07 Supplemental ROD (Conformed), WP-07-A-05, at 286-288. BPA apportioned the $\$ 17.845$ million between these two latter amounts using the same percentage that it used to apportion Portland General Electric's (PGE) and Puget Sound Energy's (Puget) FY 2008 REP benefits into Lookback Amounts and Definitive Benefit Amounts. Specifically, 32.7 percent of the total, or $\$ 5.835$ million, was applied to Avista’s Lookback Amount balance. The remaining $\$ 12.010$ million is Avista's revised Definitive Benefit Amount. Avista's revised Lookback Amount balance is $\$ 69.933$ million as of the beginning of FY 2009. Avista Deemer Settlement ROD, at 15.

Then, all of Avista’s FY 2009 REP benefits due became available to be paid to Avista or applied to its Lookback Amount balance. Based on the Final FY 2009 Average System Costs (ASCs) established on June 19, 2009, BPA determined that Avista's expected FY 2009 REP benefits, before any reduction for Lookback recovery, are $\$ 17.8$ million. The 50 percent threshold established in the WP-07 Supplemental ROD was then applied, resulting in $\$ 8.9$ million in REP benefits due to be applied to Avista’s Lookback Amount balance in FY 2009. WP-07 Supplemental ROD, WP-07-A-05, at 263-276. As shown in Table 3, this change results in an additional $\$ 6.72$ million, above the $\$ 2.18$ million established in the Initial Proposal, to be applied to Avista’s Lookback Amount balance in FY 2009.

The above-noted adjustments to Avista's Lookback Amount balance, $\$ 5.84$ million from the FY 2008 REP benefits and $\$ 6.72$ million of FY 2009 REP benefits, result in a corresponding additional Lookback payment of $\$ 12.56$ million to COUs that purchased power from BPA at the PF-02 rate. BPA expects to return this $\$ 12.56$ million to the PF-02 customers through electronic funds transfer payments or credits on customers' power bills prior to the end of FY 2009.

### 2.4 Lookback Amount Balances at the End of FY 2009

The remaining balance of each IOU's Lookback Amount as of the end of FY 2009 is the difference between the original balance at the beginning of FY 2009 and the amount of REP benefits applied each month, plus accrued interest. Interest on the outstanding Lookback balances has been accruing since October 1, 2008. The balance as of the end of FY 2009 reflects the accrual of interest over the year at the rates as determined in the WP-07 Supplemental ROD. See also FY 2002-2008 Lookback Study, WP-07-FS-BPA-08, Table 15.7. In the FY 2002-2008 Lookback Study, BPA noted that the rate of interest would be determined for each rate period. Id. at 274. See section 2.5.3 of this Study for a discussion of the interest rate to be applied to Lookback balances for FY 2010-2011.

Table 4 shows the expected Lookback Amount balances as of the end of FY 2009 for each IOU. These expected amounts include an approximation of the amount of interest accrued on outstanding Lookback balances. The precise balances will be determined at the end of FY 2009 based on monthly calculations and may differ slightly from the amounts in Table 4.

Table 4
Lookback Amount Balances as of the End of FY 2009
(\$ in millions)

|  | A <br> WP-10 Final <br> Proposal | WP-07 Supplemental <br> Final Proposal 1/ |
| :--- | :---: | :---: |
|  | $\$ 63.95$ | $\$ 75.66$ |
| Avista | $\$ 106.86$ | $\$ 106.89$ |
| Idaho Power | $\$ 0$ | $\$ 0$ |
| Northwestern | $\$ 232.43$ | $\$ 229.68$ |
| PacifiCorp | $\$ 89.90$ | $\$ 89.92$ |
| PGE | $\$ 131.09$ | $\$ 134.22$ |
| Puget | $\$ 624.24$ | $\$ 636.34$ |
| Total |  |  |

1/ These amounts reflect the errata filed in February 2009 that corrected an error in Avista's ASC for 2008. FY 2002-2008 Lookback Study, WP-07-FS-BPA-08, Table 15.6.

### 2.5 Lookback Recovery and Return for FY 2010-2011

BPA is continuing the approach developed in the WP-07 Supplemental proceeding for recovering and returning Lookback Amounts to qualifying PF preference customers. This Study explains how that approach is implemented for the FY 2010-2011 rate period. In general, payments of Lookback Amounts would be made by reducing the REP benefits due the IOUs. The amount of such reduction would be consistent with the principles outlined in the WP-07 Supplemental ROD and as explained in the testimony of Evans et al., WP-10-E-BPA-19. These principles include the dual goals of returning the Lookback Amounts to the eligible COUs within seven years, while also providing at least 50 percent of an IOU's REP benefits. The reduction of IOU REP benefits will be returned to the eligible COUs as credits on power bills in equal amounts over the rate period. See WP-07 Supplemental ROD, WP-07-A-05, section 9.3.2.

### 2.5.1 REP Benefits Due, Recovered Lookback Amounts, REP Benefits Paid for FY 2010 and FY 2011, and End-of FY 2011 Lookback Balances

In the WP-07 Supplemental ROD, BPA decided to reduce future REP benefits as the means of recovering the FY 2002-2006 Lookback Amount from each IOU, with the objective of recovering and returning the Lookback Amount to the eligible COUs within seven years (by the end of FY 2015), where reasonable, while also maintaining a reasonable level of REP benefits. WP-07 Supplemental ROD, WP-07-A-BPA-05, section 9.3.2. BPA also stated that for FY 2009, this objective was subject to the limitation that an IOU's REP benefits should not fall below 50 percent of the REP benefits otherwise due. Id.

For FY 2010 and FY 2011, the goal of repaying each IOU’s Lookback Amount in seven years is continued, where reasonable, while also ensuring that the residential and small farm customers of the IOUs receive no less than 50 percent of their REP benefits due. Under this approach, Puget and PGE are forecast to pay off their respective Lookback Amounts by FY 2015, while also maintaining REP benefits paid to residential and small farm customers above the 50 percent
threshold. In the case of Avista and PacifiCorp, however, amortization of these utilities’ Lookback Amounts over seven years results in their residential and small farm consumers receiving less than 50 percent of their REP benefits due. As decided in the 2010 Wholesale Rate Adjustment Proceeding Administrator's Final Record of Decision (WP-10 Final ROD), BPA will continue to apply the 50 percent threshold for FY 2010-2011. See WP-10 Final ROD, WP-10-A02, Chapter 15. As a result, the amounts of Avista's and PacifiCorp's REP benefits to be applied to their Lookback Amount balances will be limited to 50 percent of their REP benefits due.

Table 5 summarizes the forecasts of REP benefits due, Lookback Amounts recovered, and REP benefits paid to the IOUs for FY 2010-2011. The amounts provided in Table 5 are based on the IOUs’ final ASCs for FY 2010-2011. The Lookback Amounts recovered and applied to each IOU’s Lookback Amount balance for FY 2010 and FY 2011 are set for the rate period and will not vary due to actual loads or resource on-line dates, which can affect the REP benefits actually paid to each IOU.

Table 5
REP Benefits, Lookback Amounts to be Recovered, and REP Benefits Paid
(\$ in million)


For each IOU, Table 6 shows the end-of-FY 2009 Lookback Amount balance, the Lookback Amounts to be paid off in FY 2010-2011, and the resulting end-of FY 2011 Lookback Amounts balances.

## Table 6

 End-of-FY 2009 Lookback Balances, Lookback Amounts Paid Off in FY 2010-2011 and End-of-FY 2011 Lookback Balances (\$ in millions)|  | A <br> End-of-FY 2009 Lookback Balance 1/ | B <br> Lookback Amount Paid Off in FY 10-11 |  |
| :---: | :---: | :---: | :---: |
| Avista | \$ 63.95 | \$ 24.95 | \$ 56.95 |
| Idaho Power | \$106.86 | \$ 0 | \$117.62 |
| NorthWestern | \$ 0 | \$ 0 | \$ 0 |
| PacifiCorp | \$232.43 | \$ 70.09 | \$179.81 |
| PGE | \$ 89.90 | \$ 33.30 | \$ 62.76 |
| Puget | \$131.09 | \$ 47.28 | \$ 92.89 |
| Total | \$624.24 | \$163.15 | \$510.03 |
| 1/ Avista's EOY FY 2009 Lookback balance reflects the effects of the Avista deemer settlement signed in June 2009. <br> 2/ The ending balance for FY 2011 includes the accrual of \$48.95 million of interest in FY 2010-2011 |  |  |  |
|  |  |  |  |
| 2.5.2 Time Frame for Recovery of Lookback Amounts |  |  |  |
| Table 7 shows the year in which each IOU is expected to complete the amortization of its |  |  |  |
| Lookback Amount under the simple assumption that REP benefits in FY 2012 and beyond are |  |  |  |
| fixed at FY 2011 levels. Current projections indicate that Puget and PGE will fully amortize |  |  |  |
| their Lookback Amounts in FY 2015, while Avista and PacifiCorp will fully amortize their |  |  |  |
| Lookback Amounts in FY 2023 and FY 2018, respectively. |  |  |  |

Table 7
Projected Year Lookback Amounts are Fully Amortized

|  | A <br> WP-07 Supplemental <br> Rate Case | B <br> WP-10 Final <br> Proposal |
| :--- | :---: | :---: |
|  |  |  |
| Avista | 2018 | 2023 |
| Idaho Power | not amortized | not amortized |
| Northwestern | 2008 | 2008 |
| PacifiCorp | 2020 | 2018 |
| PGE | 2015 | 2015 |
| Puget | 2015 | 2015 |

Note: The above projections assume that FY 2011 Benefit Levels Continue

See Table 12 for a complete presentation of the projections of the year-by-year amortization of each IOU's Lookback Amount, including the estimated annual accrual of interest.

### 2.5.3 Accrual of Interest on Lookback Amount Balances

In the WP-07 Supplemental ROD, BPA determined that the unamortized Lookback Amounts would accumulate interest monthly at the average daily Treasury bill rate for October 1, 2001, through September 30, 2007, that corresponds to the number of years that BPA expected it would take for each IOU to repay its Lookback Amount. WP-07 Supplemental Final ROD, WP-07-A-BPA-05, Section 8.10.2, and FY 2002-2008 Lookback Study, WP-07-FS-BPA-08, at 274. Therefore, if the expected amortization term in the WP-07 Supplemental Final Proposal was seven years, the average daily interest rate over FY 2002-2007 on a seven-year T-bill rate was used. Table 15.7 of the FY 2002-2008 Lookback Study shows the interest rate used to calculate the monthly interest rate used for each IOU for FY 2009. FY 2002-2008 Lookback Study, WP-07-FS-BPA-08, at 275. The FY 2002-2008 Lookback Study also stated that "[t]he rate of interest will be determined each rate period." FY 2002-2008 Lookback Study, WP-07-FS-BPA08 , at 274.

As decided in the WP-10 Final ROD, the interest rates to be applied to Lookback Amount balances for FY 2010-2011 are adjusted to reflect the expected amortization periods determined in the WP-10 rate proceeding. WP-10 Final ROD, WP-10-A-02, at 419-421. Because the amortization periods for Avista and PacifiCorp have changed since the WP-07 Supplemental Final Proposal, the interest rates to be charged in FY 2010 and FY 2011 are adjusted to match the revised amortization periods. Interest will accrue monthly. Table 8 shows the interest rates to be applied to unpaid Lookback Amount balances in FY 2010 and FY 2011.

## Table 8

Interest Rates to be Applied to Each IOU's
Lookback Amount Balance in FY 2010-2011

|  | A <br> Amortization <br> Year | B <br> T-Bill <br> Term | C <br> Interest Rate <br> Applied |
| :--- | :---: | :---: | :---: |
| Avista | 2023 | 10 year | $4.74 \%$ |
| Idaho Power | $2029+$ | 20 year | $5.03 \%$ |
| NorthWestern Energy | 2008 | n/a | n/a |
| PacifiCorp | 2018 | 12 year | $4.46 \%$ |
| PGE | 2015 | 7 year | $4.21 \%$ |
| Puget Sound Energy | 2015 | 7 year | $4.21 \%$ |

### 2.5.4 Return of Lookback Amounts to Eligible COUs in FY 2010 and FY 2011

The FY 2009 Lookback Amounts are being returned to eligible COUs as credits on their power bills. See WP-07 Supplemental Final ROD, WP-07-A-05, Section 9.3.2. To be eligible to receive these credits, the COU must have purchased power from BPA under the PF-02 rate schedule. Id.

Similarly, the FY 2010 and FY 2011 Lookback Amounts will be returned to eligible COUs as credits on power bills. These credits will be spread over the rate period in 24 equal monthly amounts. These monthly amounts are calculated by first adding together the Lookback Amounts
to be recovered for FY 2010 ( $\$ 82,078,747$ ) and FY 2011 ( $\$ 81,065,669$ ), to reach a total Lookback Amount recovery of $\$ 163,144,416$. This two-year total is then divided into the Slice and non-Slice Lookback Credit Amounts. The non-Slice FY 2010-2011 Lookback Credit Amount is then multiplied by the corrected utility-specific non-Slice PF-02 revenue shares, and then divided by 24 to determine the monthly FY 2010-2011 Lookback Credit Amount for each eligible non-Slice COU's power bill over the two years of the rate period. Section 3 describes the derivation of the corrected PF-02 revenue shares.

The Slice FY 2010-2011 Lookback Credit Amount is similarly multiplied by the utility-specific Slice share and divided by 24 to calculate the monthly utility-specific Slice FY 2010-2011 Lookback Credit Amounts. Table 9 shows the rate period and utility-specific monthly Lookback Credit Amounts that each eligible COU customer will receive in FY 2010-2011. The utilityspecific Customer Lookback Credit amounts are presented in Appendix B of the WP-10 GRSPs, WP-10-A-02-AP02.

## 3. CORRECTIONS TO NON-SLICE REVENUE SHARES AND FY 2009 NON-SLICE LOOKBACK CREDIT AMOUNTS

### 3.1 Corrections to the Non-Slice Revenue Shares Used to Allocate Lookback Credit Amounts to Eligible Consumer-Owned Utilities

Following publication of the WP-07 Supplemental Final Proposal, BPA discovered various small omissions and errors in the PF-07 revenue data used to calculate the non-Slice COU percentages used to determine the monthly utility-specific payments of non-Slice Lookback Credit Amounts (called the Customer Payment Amounts) for FY 2007-2008. These errors included the use of 14 months of Conservation and Renewable Credits (CRC) rather than the appropriate 12 months, exclusion of PF take-or-pay charges, omission of U.S. Bureau of Reclamation irrigation transfer charges credited outside the period for use within the period, omission of the demand billing charges for one customer, and general billing adjustments for months outside of FY 2007. In December of 2008, BPA corrected these errors, and shared the revised percentages with customers. Later, on February 5, 2009, BPA filed errata with the Federal Energy Regulatory Commission and requested that the corrected information be reflected in the Final WP-07 Supplemental ROD and final studies.

Subsequently, upon inspection of the non-Slice PF-02 revenue data, BPA determined that some of the same errors identified in BPA's errata also occurred when calculating the COU utilityspecific PF-02 revenue shares used to allocate the total non-Slice Lookback Credit Amount for FY 2009. Specifically, the PF-02 revenues and associated utility-specific percentages did not account for certain take-or-pay charges, U.S. Bureau of Reclamation irrigation credits, or the Load-Based Cost Recovery Adjustment Clause true-up amounts that occurred after the end of FY 2006.

Table 10 shows the revised PF-02 revenues and revenue shares. No corrections are necessary for the Slice shares used to calculate the FY 2009 Lookback Credit Amount, because the Slice percentages have not changed.

These revised utility-specific non-Slice PF-02 revenue shares based on the corrected PF-02 revenue data are used to calculate the FY 2010-2011 Lookback Credit Amounts for each eligible COU for FY 2010 and FY 2011, and are expected to be used until the total Lookback Amount is fully repaid to the eligible COUs.

Table 11 provides the corrected utility-specific non-Slice PF-02 revenue shares and corrected utility-specific FY 2009 Lookback Credit Amounts, as well as the original values presented in Table 15.10 of the FY 2002-008 Lookback Study, WP-07-FS-BPA-08, at 285-288. Table 11 also presents the differences between the annual FY 2009 Lookback Credit Amount that each eligible non-Slice COU currently expects to receive in FY 2009 and the corrected amount.

### 3.2 Treatment of Corrected FY 2009 Non-Slice Lookback Amount Credits on Eligible COU Power Bills

The corrections shown in Table 11 will appear on October 2009 non-Slice power bills issued in November 2009. A few customers will see a minor credit, while most customers will see a minor debit. The total FY 2009 \$119.5 million non-Slice Lookback Credit Amount is unchanged.

Table 9
FY 2010-2011 Lookback Credit Amounts
This sheet calculates Slice credits for PNGC members only on their retained slice percentages the bulk is refunded in PNGC

|  | A | B | C | D | E | F | G | H | I | J | K |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  | Total FY 2010-2011 Lookback Credit Amount | \$ 163,144,416 |  |  |  |  |  |  |  |  |
| 2 |  | Slice FY 2010-2011 Lookback Credit Amount | \$ 36,915,992 |  |  |  |  |  |  |  |  |
| 3 |  | Non-Slice FY 2010-2011 Lookback <br> Credit Amount | \$ 126,228,424 |  |  |  |  |  |  |  |  |
| 4 |  | Customer Name | Corrected Non-Slice PF-02 Revenue Share | Non-Slice FY10-11 <br> Lookback Credit Amount | Non-Slice <br> Monthly FY10-11 <br> Lookback Credit <br> Amount | Slice Percent (Retained Slice for PNGC Members) | Slice \% Share | Slice FY10-11 Lookback Credit Amount | Slice Monthly FY10-11 Lookback Credit Amount | Total FY10-11 <br> Lookback Credit Amount | Total Monthly FY 10-11 Lookback Credit Amount |
| 5 |  |  |  |  |  |  |  |  |  |  |  |
| 6 | 10055 | Albion, City of | 0.0000\% | \$ - | \$ | 0.00000\% | 0.00000\% | \$ - | \$ - | \$ - | \$ - |
| 7 | 10005 | Alder Mutual | 0.0107\% | 13,549 | \$ 565 | 0.00000\% | 0.00000\% | \$ - | \$ - | 13,549 | 565 |
| 8 | 10057 | Ashland, City of | 0.5455\% | 688,568 | 28,690 | 0.00000\% | 0.00000\% | \$ - | \$ - | 688,568 | 28,690 |
| 9 | 10015 | Asotin County PUD \#1 | 0.0000\% | \$ - | \$ - | 0.00000\% | 0.00000\% | \$ - | \$ - | \$ - | \$ - |
| 10 | 10059 | Bandon, City of | 0.1876\% | 236,833 | 9,868 | 0.00000\% | 0.00000\% | \$ - | \$ - | 236,833 | 9,868 |
| 11 | 10024 | Benton County PUD \#1 | 1.3492\% | 1,703,129 | 70,964 | 1.76410\% | 7.79616\% | 2,878,031 | 119,918 | 4,581,160 | 190,882 |
| 12 | 10025 | Benton REA | 1.2358\% | 1,559,925 | 64,997 | 0.00000\% | 0.00000\% | \$ - | \$ - | 1,559,925 | 64,997 |
| 13 | 10027 | Big Bend Elec Coop | 0.6098\% | 769,733 | 32,072 | 0.00000\% | 0.00000\% | \$ - | \$ - | 769,733 | 32,072 |
| 14 | 10028 | Big Horn County Electric Coop. | 0.0000\% | \$ - | \$ - | 0.00000\% | 0.00000\% | \$ - | \$ - | \$ - | \$ - |
| 15 | 10029 | Blachly Lane Elec Coop | 0.0000\% | \$ - | \$ - | 0.06577\% | 0.29066\% | 107,300 | 4,471 | 107,300 | 4,471 |
| 16 | 10061 | Blaine, City of | 0.2043\% | 257,944 | 10,748 | 0.00000\% | 0.00000\% | \$ - | \$ - | 257,944 | 10,748 |
| 17 | 10062 | Bonners Ferry, City of | 0.1540\% | 194,349 | 8,098 | 0.00000\% | 0.00000\% | \$ - | \$ - | 194,349 | 8,098 |
| 18 | 10064 | Burley, City of | 0.3559\% | 449,269 | 18,720 | 0.00000\% | 0.00000\% | \$ - | \$ - | 449,269 | 18,720 |
| 19 | 10044 | Canby, City of | 0.4958\% | 625,793 | 26,075 | 0.00000\% | 0.00000\% | \$ - | \$ - | 625,793 | 26,075 |
| 20 | 10065 | Cascade Locks, City of | 0.0605\% | 76,365 | 3,182 | 0.00000\% | 0.00000\% | \$ - | \$ - | 76,365 | 3,182 |
| 21 | 10046 | Central Electric Coop | 0.0000\% | \$ - | \$ - | 0.22965\% | 1.01490\% | 374,661 | 15,611 | 374,661 | 15,611 |
| 22 | 10047 | Central Lincoln PUD | 1.6322\% | 2,060,289 | 85,845 | 0.00000\% | 0.00000\% | \$ - | \$ - | 2,060,289 | 85,845 |
| 23 | 10048 | Central Montana Electric Power Coop | 0.0000\% | \$ - | \$ - | 0.00000\% | 0.00000\% | \$ - | \$ - | \$ - | \$ - |
| 24 | 10066 | Centralia, City of | 0.5547\% | 700,130 | 29,172 | 0.00000\% | 0.00000\% | \$ - | \$ - | 700,130 | 29,172 |
| 25 | 10067 | Cheney, City of | 0.3668\% | 462,998 | 19,292 | 0.00000\% | 0.00000\% | \$ - | \$ - | 462,998 | 19,292 |
| 26 | 10068 | Chewelah, City of | 0.0000\% | \$ - | \$ - | 0.00000\% | 0.00000\% | \$ - | \$ - | \$ - | \$ - |
| 27 | 10101 | Clallam County PUD \#1 | 1.7582\% | 2,219,296 | 92,471 | 0.00000\% | 0.00000\% | \$ - | \$ - | 2,219,296 | 92,471 |
| 28 | 10103 | Clark County PUD \#1 | 8.0074\% | 10,107,581 | 421,149 | 0.00000\% | 0.00000\% | \$ - | \$ - | 10,107,581 | 421,149 |
| 29 | 10105 | Clatskanie PUD | 0.8243\% | 1,040,532 | 43,356 | 0.97550\% | 4.31107\% | 1,591,474 | 66,311 | 2,632,006 | 109,667 |
| 30 | 10106 | Clearwater Power | 0.0000\% | \$ - | \$ - | 0.08223\% | 0.36340\% | 134,154 | 5,590 | 134,154 | 5,590 |
| 31 | 10109 | Columbia Basin Elec Coop | 0.0000\% | \$ - | \$ - | 0.00000\% | 0.00000\% | \$ - | \$ - | \$ - | \$ - |
| 32 | 10111 | Columbia Power Coop | 0.0000\% | \$ - | \$ - | 0.00000\% | 0.00000\% | \$ - | \$ - | \$ - | \$ - |
| 33 | 10113 | Columbia REA | 0.0000\% | \$ - | \$ - | 0.00000\% | 0.00000\% | \$ - | \$ - | \$ - | \$ - |
| 34 | 10112 | Columbia River PUD | 0.8965\% | 1,131,614 | 47,151 | 0.00000\% | 0.00000\% | \$ - | \$ - | 1,131,614 | 47,151 |
| 35 | 10116 | Consolidated Irrigation District \#19 | 0.0062\% | 7,781 | 324 | 0.00000\% | 0.00000\% | \$ - | \$ - | 7,781 | 324 |
| 36 | 10118 | Consumers Power | 0.0000\% | \$ - | \$ - | 0.14518\% | 0.64160\% | 236,853 | 9,869 | 236,853 | 9,869 |
| 37 | 10121 | Coos Curry Elec Coop | 0.0000\% | \$ - | \$ - | 0.13270\% | 0.58645\% | 216,493 | 9,021 | 216,493 | 9,021 |
| 38 | 10378 | Coulee Dam, City of | 0.0000\% | \$ - | \$ - | 0.00000\% | 0.00000\% | \$ - | \$ - | \$ - | \$ - |
| 39 | 10123 | Cowlitz County PUD \#1 | 11.6409\% | 14,694,111 | 612,255 | 0.00000\% | 0.00000\% | \$ - | \$ - | 14,694,111 | 612,255 |
| 40 | 10070 | Declo, City of | 0.0000\% | \$ - | \$ - | 0.00000\% | 0.00000\% | \$ - | \$ - | \$ - | \$ - |
| 41 | 10136 | Douglas Electric Cooperative | 0.0000\% | \$ - | \$ - | 0.06518\% | 0.28805\% | 106,338 | 4,431 | 106,338 | 4,431 |
| 42 | 10071 | Drain, City of | 0.0645\% | 81,375 | 3,391 | 0.00000\% | 0.00000\% | \$ - | \$ - | 81,375 | 3,391 |
| 43 | 10142 | East End Mutual Electric | 0.0000\% | \$ - | \$ - | 0.00000\% | 0.00000\% | \$ - | \$ - | \$ - | \$ - |
| 44 | 10144 | Eatonville, Town of | 0.0785\% | 99,067 | \$ 4,128 | 0.00000\% | 0.00000\% | \$ - | \$ - | 99,067 | 4,128 |
| 45 | 10072 | Ellensburg, City of | 0.5916\% | 746,806 | 31,117 | 0.00000\% | 0.00000\% | \$ - | \$ - | 746,806 | 31,117 |
| 46 | 10156 | Elmhurst Mutual P \& L | 0.0000\% | \$ - | \$ | 0.00000\% | 0.00000\% | \$ - | \$ - | \$ - | \$ - |
| 47 | 10157 | Emerald County PUD | 1.2717\% | 1,605,259 | 66,886 | 0.00000\% | 0.00000\% | \$ - | \$ - | 1,605,259 | 66,886 |
| 48 | 10158 | Energy Northwest | 0.0689\% | 87,030 | \$ 3,626 | 0.00000\% | 0.00000\% | \$ - | \$ - | 87,030 | 3,626 |
| 49 | 10170 | Eugene Water \& Electric Board | 1.8882\% | 2,383,466 | 99,311 | 2.43280\% | 10.75138\% | 3,968,977 | 165,374 | 6,352,443 | 264,685 |

Table 9
FY 2010-2011 Lookback Credit Amounts
This sheet calculates Slice credits for PNGC members only on their retained slice percentages the bulk is refunded in PNGC


Table 9
FY 2010-2011 Lookback Credit Amounts
This sheet calculates Slice credits for PNGC members only on their retained slice percentages the bulk is refunded in PNGC


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|  | A |  | B |  | C |  | D |  | E |  | F |  | G |  | H | I |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Table 10 <br> Corrected Non-Slice PF-02 Revenue and PF-02 Revenue Shares |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 |  | FY 2002 |  | FY 2003 |  | FY 2004 |  | FY 2005 |  | FY 2006 |  | FY 2007 /1 |  | Total <br> PF-02 <br> Revenues |  | Non-Slice <br> PF-02 <br> Revenue Share <br> $0.0107 \%$ |
| 3 | ALDER MUTUAL LIGHT COMPANY | \$ | 101,290 | \$ | 102,886 | \$ | 109,256 | \$ | 100,149 | \$ | 108,804 | \$ | (898) | \$ | 521,487 |  |
| 4 | ASHLAND | \$ | 4,903,004 | \$ | 5,336,033 | \$ | 5,381,034 | \$ | 5,550,978 | \$ | 5,395,777 | \$ | $(63,742)$ | \$ | 26,503,084 | 0.5454\% |
| 5 | BANDON | \$ | 1,769,648 | \$ | 1,770,965 | \$ | 1,818,617 | \$ | 1,875,141 | \$ | 1,899,381 | \$ | $(18,012)$ | \$ | 9,115,740 | 0.1876\% |
| 6 | BENTON COUNTY PUD NO 1 | \$ | 13,618,613 | \$ | 13,245,038 | \$ | 12,689,267 | \$ | 13,231,233 | \$ | 12,942,860 | \$ | $(173,322)$ | \$ | 65,553,689 | 1.3491\% |
| 7 | BENTON RURAL ELECTRIC ASSOCIATION | \$ | 9,312,407 | \$ | 12,714,638 | \$ | 13,089,232 | \$ | 12,565,811 | \$ | 12,531,549 | \$ | $(171,916)$ | \$ | 60,041,721 | 1.2356\% |
| 8 | BIG BEND ELECTRIC COOPERATIVE INC | \$ | 5,593,957 | \$ | 5,766,174 | \$ | 6,266,393 | \$ | 6,422,936 | \$ | 5,766,240 | \$ | $(188,568)$ | \$ | 29,627,132 | 0.6097\% |
| 9 | BLAINE | \$ | 1,940,867 | \$ | 1,977,455 | \$ | 2,063,679 | \$ | 1,967,482 | \$ | 2,001,435 | \$ | $(22,634)$ | \$ | 9,928,284 | 0.2043\% |
| 10 | BONNERS FERRY | \$ | 1,632,769 | \$ | 1,718,796 | \$ | 1,545,939 | \$ | 1,260,201 | \$ | 1,334,768 | \$ | $(11,958)$ | \$ | 7,480,515 | 0.1539\% |
| 11 | BURLEY IDAHO | \$ | 3,508,857 | \$ | 3,580,201 | \$ | 3,411,309 | \$ | 3,386,628 | \$ | 3,445,960 | \$ | $(40,512)$ | \$ | 17,292,443 | 0.3559\% |
| 12 | CANBY UTILITY | \$ | 4,694,688 | \$ | 4,955,581 | \$ | 5,018,073 | \$ | 4,685,053 | \$ | 4,788,319 | \$ | $(54,854)$ | \$ | 24,086,860 | 0.4957\% |
| 13 | CASCADE LOCKS | \$ | 570,612 | \$ | 584,928 | \$ | 619,681 | \$ | 572,955 | \$ | 597,037 | \$ | $(5,918)$ | \$ | 2,939,295 | 0.0605\% |
| 14 | CENTRAL LINCOLN PUD | \$ | 14,920,250 | \$ | 16,190,421 | \$ | 16,713,259 | \$ | 15,912,889 | \$ | 15,780,299 | \$ | $(216,294)$ | \$ | 79,300,824 | 1.6320\% |
| 15 | CENTRALIA CITY LIGHT | \$ | 4,880,469 | \$ | 5,841,124 | \$ | 5,390,341 | \$ | 5,275,527 | \$ | 5,613,822 | \$ | $(53,168)$ | \$ | 26,948,115 | 0.5546\% |
| 16 | CHENEY | \$ | 3,460,272 | \$ | 3,622,350 | \$ | 3,736,677 | \$ | 3,460,040 | \$ | 3,580,588 | \$ | $(39,054)$ | \$ | 17,820,873 | 0.3667\% |
| 17 | CLALLAM COUNTY PUD NO 1 | \$ | 16,337,149 | \$ | 16,427,004 | \$ | 17,288,184 | \$ | 17,452,627 | \$ | 18,062,985 | \$ | $(146,918)$ | \$ | 85,421,031 | 1.7579\% |
| 18 | CLARK PUBLIC UTILITIES | \$ | 78,544,906 | \$ | 80,974,068 | \$ | 80,811,671 | \$ | 75,168,385 | \$ | 74,237,220 | \$ | $(694,024)$ | \$ | 389,042,226 | 8.0063\% |
| 19 | CLATSKANIE PUD | \$ | 8,182,936 | \$ | 7,933,567 | \$ | 8,454,153 | \$ | 7,874,647 | \$ | 7,703,817 | \$ | $(98,900)$ | \$ | 40,050,220 | 0.8242\% |
| 20 | COLUMBIA RIVER PUD | \$ | 8,087,304 | \$ | 8,571,515 | \$ | 8,850,633 | \$ | 8,799,972 | \$ | 9,344,653 | \$ | $(98,076)$ | \$ | 43,556,001 | 0.8964\% |
| 21 | CONSOLIDATED IRRIGATION DISTRICT NO 19 | \$ | 45,790 | \$ | 61,304 | \$ | 71,511 | \$ | 70,577 | \$ | 50,980 | \$ | (660) | \$ | 299,502 | 0.0062\% |
| 22 | COWLITZ COUNTY PUD NO 1 | \$ | 106,975,665 | \$ | 117,540,131 | \$ | 116,907,647 | \$ | 112,320,552 | \$ | 113,282,262 | \$ | (1,447,826) | \$ | 565,578,431 | 11.6394\% |
| 23 | DRAIN | \$ | 625,824 | \$ | 641,683 | \$ | 626,677 | \$ | 625,527 | \$ | 618,806 | \$ | $(6,364)$ | \$ | 3,132,153 | 0.0645\% |
| 24 | ELLENSBURG | \$ | 5,567,151 | \$ | 5,939,093 | \$ | 6,061,048 | \$ | 5,574,922 | \$ | 5,669,307 | \$ | $(66,868)$ | \$ | 28,744,653 | 0.5916\% |
| 25 | EMERALD PUD | \$ | 11,500,830 | \$ | 12,161,731 | \$ | 12,844,154 | \$ | 12,663,436 | \$ | 12,750,882 | \$ | $(134,372)$ | \$ | 61,786,661 | 1.2715\% |
| 26 | ENERGY NORTHWEST | \$ | 826,253 | \$ | 590,067 | \$ | 632,328 | \$ | 664,769 | \$ | 643,635 | \$ | $(7,250)$ | \$ | 3,349,802 | 0.0689\% |
| 27 | EUGENE WATER \& ELECTRIC BOARD | \$ | 19,705,936 | \$ | 18,915,667 | \$ | 18,360,248 | \$ | 17,991,044 | \$ | 16,920,584 | \$ | $(153,526)$ | \$ | 91,739,953 | 1.8880\% |
| 28 | FERRY COUNTY PUD NO 1 | \$ | 2,483,405 | \$ | 2,043,630 | \$ | 2,437,719 | \$ | 2,386,428 | \$ | 1,800,644 | \$ | $(14,414)$ | \$ | 11,137,412 | 0.2292\% |
| 29 | FLATHEAD ELECTRIC COOPERATIVE INC | \$ | 18,532,636 | \$ | 19,287,072 | \$ | 20,704,360 | \$ | 19,722,173 | \$ | 21,749,662 | \$ | $(217,828)$ | \$ | 99,778,075 | 2.0534\% |
| 30 | FOREST GROVE | \$ | 5,295,870 | \$ | 5,090,625 | \$ | 5,850,127 | \$ | 5,724,399 | \$ | 5,855,417 | \$ | $(62,578)$ | \$ | 27,753,860 | 0.5712\% |
| 31 | FRANKLIN COUNTY PUD NO 1 | \$ | 6,151,780 | \$ | 5,771,787 | \$ | 5,734,341 | \$ | 5,339,830 | \$ | 5,209,613 | \$ | $(65,786)$ | \$ | 28,141,565 | 0.5791\% |
| 32 | GRANT COUNTY PUD NO 2 | \$ | 37,868,330 | \$ | 39,727,784 | \$ | 39,314,020 | \$ | 36,428,094 | \$ | 35,343,262 | \$ | $(622,504)$ | \$ | 188,058,986 | 3.8702\% |
| 33 | GRAYS HARBOR COUNTY PUD NO 1 | \$ | 9,325,821 | \$ | 10,001,293 | \$ | 9,966,069 | \$ | 9,269,427 | \$ | 9,086,401 | \$ | $(95,346)$ | \$ | 47,553,665 | 0.9786\% |
| 34 | HARNEY ELECTRIC COOPERATIVE INC | \$ | 3,043,009 | \$ | 3,107,262 | \$ | 3,129,773 | \$ | 2,911,004 | \$ | 2,859,477 | \$ | $(55,918)$ | \$ | 14,994,607 | 0.3086\% |
| 35 | HERMISTON ENERGY SERVICES | \$ | 3,230,004 | \$ | 3,389,483 | \$ | 3,463,592 | \$ | 3,209,979 | \$ | 3,185,190 | \$ | $(42,210)$ | \$ | 16,436,038 | 0.3382\% |
| 36 | HEYBURN | \$ | 2,911,538 | \$ | 2,343,302 | \$ | 1,077,779 | \$ | 904,229 | \$ | 1,070,330 | \$ | $(11,306)$ | \$ | 8,295,872 | 0.1707\% |
| 37 | HOOD RIVER ELECTRIC COOPERATIVE | \$ | 2,718,037 | \$ | 2,758,246 | \$ | 3,027,749 | \$ | 3,008,093 | \$ | 3,252,298 | \$ | $(32,160)$ | \$ | 14,732,263 | 0.3032\% |
| 38 | IDAHO CO LIGHT \& POWER COOP ASSN INC | \$ | 1,243,969 | \$ | 1,294,934 | \$ | 1,338,460 | \$ | 1,240,004 | \$ | 1,296,472 | \$ | $(12,842)$ | \$ | 6,400,997 | 0.1317\% |
| 39 | IDAHO FALLS POWER | \$ | 5,322,648 | \$ | 5,906,686 | \$ | 5,884,032 | \$ | 5,474,041 | \$ | 5,369,806 | \$ | $(57,732)$ | \$ | 27,899,481 | 0.5742\% |
| 40 | KITTITAS COUNTY PUD NO 1 | \$ | 1,490,279 | \$ | 1,593,236 | \$ | 1,675,779 | \$ | 1,524,447 | \$ | 1,619,322 | \$ | $(16,914)$ | \$ | 7,886,149 | 0.1623\% |
| 41 | KLICKITAT COUNTY PUD NO 1 | \$ | 6,349,956 | \$ | 7,625,621 | \$ | 7,014,216 | \$ | 7,443,339 | \$ | 7,626,601 | \$ | $(85,614)$ | \$ | 35,974,119 | 0.7403\% |
| 42 | LAKEVIEW LIGHT \& POWER | \$ | 8,757,604 | \$ | 8,901,041 | \$ | 8,960,967 | \$ | 8,296,314 | \$ | 8,147,704 | \$ | $(80,536)$ | \$ | 42,983,094 | 0.8846\% |
| 43 | LEWIS COUNTY PUD NO 1 | \$ | 22,777,783 | \$ | 23,788,381 | \$ | 24,743,149 | \$ | 23,128,211 | \$ | 24,044,664 | \$ | $(248,520)$ | \$ | 118,233,668 | 2.4332\% |
| 44 | MASON COUNTY PUD NO 1 | \$ | 1,653,356 | \$ | 1,654,539 | \$ | 1,778,599 | \$ | 1,627,330 | \$ | 1,849,815 | \$ | $(15,958)$ | \$ | 8,547,681 | 0.1759\% |
| 45 | MASON COUNTY PUD NO 3 | \$ | 17,536,549 | \$ | 17,716,565 | \$ | 18,276,518 | \$ | 17,628,444 | \$ | 18,294,120 | \$ | $(169,566)$ | \$ | 89,282,630 | 1.8374\% |
| 46 | MCCLEARY | \$ | 1,122,662 | \$ | 1,173,583 | \$ | 1,214,952 | \$ | 1,223,657 | \$ | 1,114,252 | \$ | $(11,566)$ | \$ | 5,837,540 | 0.1201\% |
| 47 | MCMINNVILLE | \$ | 15,815,479 | \$ | 20,099,892 | \$ | 20,786,843 | \$ | 19,901,356 | \$ | 21,063,829 | \$ | $(270,506)$ | \$ | 97,396,893 | 2.0044\% |
| 48 | MIDSTATE ELECTRIC COOPERATIVE INC | \$ | 9,291,975 | \$ | 9,498,612 | \$ | 9,683,079 | \$ | 9,194,566 | \$ | 9,556,808 | \$ | $(91,546)$ | \$ | 47,133,494 | 0.9700\% |
| 49 | MILTON | \$ | 1,699,244 | \$ | 1,775,298 | \$ | 1,862,842 | \$ | 1,736,684 | \$ | 1,755,933 | \$ | $(17,366)$ | \$ | 8,812,635 | 0.1814\% |
| 50 | MILTON - FREEWATER | \$ | 2,564,034 | \$ | 2,648,873 | \$ | 2,635,683 | \$ | 2,394,181 | \$ | 2,409,298 | \$ | $(23,760)$ | \$ | 12,628,309 | 0.2599\% |
| 51 | MONMOUTH | \$ | 1,871,270 | \$ | 1,912,196 | \$ | 1,970,855 | \$ | 2,004,134 | \$ | 2,040,316 | \$ | $(18,702)$ | \$ | 9,780,069 | 0.2013\% |
| 52 | NESPELEM VALLEY ELECTRIC COOPERATIVE | \$ | 1,109,508 | \$ | 1,158,946 | \$ | 1,237,173 | \$ | 1,148,979 | \$ | 1,160,681 | \$ | $(16,196)$ | \$ | 5,799,091 | 0.1193\% |



Corrected Utility-Specific Non-Slice FY 09 Lookback Credit Amounts
This sheet calculates Slice credits for PNGC members only on their retained slice percentages the bulk is refunded in PNGC


Corrected Utility-Specific Non-Slice FY 09 Lookback Credit Amounts
This sheet calculates Slice credits for PNGC members only on their retained slice percentages the bulk is refunded in PNGC

|  | A | B |  | C | D |  | E |  | F | G |  | H |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  | Annual FY 09 Lookback Credit Amount | \$ | 154,477,000 |  |  |  |  |  |  |  |  |  |  |
| 2 |  | Slice Annual FY 09 Lookback Credit Amount | \$ | 34,954,747 |  |  |  |  |  |  |  |  |  |  |
| 3 |  | Non-Slice Annual FY 09 Lookback Credit Amount | \$ | 119,522,253 |  |  |  |  | WP-07 Sup | lemental Origin |  |  |  |  |
| 4 |  | Name | Corrected Non-Slice PF. 02 Revenues |  | Corrected Non- <br> Slice PF-02 <br> Revenue Share | Corected NonSlice Annual FY09 Lookback Credit Amount |  | Non-Slice | PF-02 Revenues | Non-Slice PF02 Revenue Share | Non-Slice Annual FY09 Lookback Credit Amount |  | $\begin{gathered} \text { FY } 09 \text { Lookback } \\ \text { Non-Slice } \\ \text { Correction } \\ \hline \end{gathered}$ |  |
| 51 | 10173 | Fall River Elec Coop | S |  | 0.0000\% | \$ |  | \$ |  | 0.0000\% | \$ |  | \$ |  |
| 52 | 10174 | Farmers Electric Company | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ |  |
| 53 | 10177 | Ferry County PUD \#1 | \$ | 11,137,412 | 0.2292\% |  | 273,985 | \$ | 11,151,826 | 0.2293\% | \$ | 274,052 | \$ | (67) |
| 54 | 10179 | Flathead Elec Coop | \$ | 99,778,075 | 2.0537\% | \$ | 2,454,580 | \$ | 99,995,903 | 2.0560\% | \$ | 2,457,364 | \$ | $(2,784)$ |
| 55 | 10074 | Forest Grove, City of | \$ | 27,753,860 | 0.5712\% | \$ | 682,756 | \$ | 27,816,438 | 0.5719\% | \$ | 683,579 | \$ | (823) |
| 56 | 10183 | Franklin County PUD \#1 | \$ | 28,141,565 | 0.5792\% |  | 692,294 | \$ | 28,237,705 | 0.5806\% | \$ | 693,932 | \$ | $(1,638)$ |
| 57 | 10186 | Glacier Elec Coop | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 58 | 10190 | Grant County PUD \#2 | \$ | 188,058,986 | 3.8707\% | \$ | 4,626,325 | \$ | 188,681,490 | 3.8794\% | \$ | 4,636,782 | \$ | $(10,457)$ |
| 59 | 10191 | Grays Harbor PUD \#1 | \$ | 47,553,665 | 0.9788\% | \$ | 1,169,839 | \$ | 47,649,011 | 0.9797\% | \$ | 1,170,958 | \$ | $(1,119)$ |
| 60 | 10197 | Harney Elec Coop | \$ | 14,994,607 | 0.3086\% | \$ | 368,873 | \$ | 15,050,525 | 0.3094\% | \$ | 369,861 | \$ | (988) |
| 61 | 10597 | Hermiston, City of | \$ | 16,436,038 | 0.3383\% | \$ | 404,333 | \$ | 16,478,248 | 0.3388\% | \$ | 404,947 | \$ | (614) |
| 62 | 10076 | Heyburn, City of | \$ | 8,295,872 | 0.1707\% | \$ | 204,082 | \$ | 8,307,178 | 0.1708\% | \$ | 204,146 | \$ | (64) |
| 63 | 10202 | Hood River Elec Coop | \$ | 14,732,263 | 0.3032\% | \$ | 362,419 | \$ | 14,764,423 | 0.3036\% | \$ | 362,831 | \$ | (412) |
| 64 | 10203 | Idaho County L \& P | \$ | 6,400,997 | 0.1317\% | \$ | 157,467 | \$ | 6,413,839 | 0.1319\% | \$ | 157,618 | \$ | (151) |
| 65 | 10204 | Idaho Falls Power | \$ | 27,899,481 | 0.5742\% | \$ | 686,338 | \$ | 27,957,213 | 0.5748\% | \$ | 687,039 | \$ | (701) |
| 66 | 10209 | Inland P \& L | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 67 | 10230 | Kittitas County PUD \#1 | \$ | 7,886,149 | 0.1623\% | \$ | 194,002 | \$ | 7,903,063 | 0.1625\% | \$ | 194,215 | \$ | (213) |
| 68 | 10231 | Klickitat County PUD \#1 | \$ | 35,974,119 | 0.7404\% | \$ | 884,978 | \$ | 36,059,733 | 0.7414\% | \$ | 886,155 | \$ | $(1,177)$ |
| 69 | 10234 | Kootenai Electric Coop | \$ | - | 0.0000\% | \$ | - | \$ |  | 0.0000\% | \$ | - | \$ | - |
| 70 | 10235 | Lakeview L \& P (WA) | \$ | 42,983,094 | 0.8847\% | \$ | 1,057,401 | \$ | 43,063,630 | 0.8854\% | \$ | 1,058,274 | \$ | (873) |
| 71 | 10236 | Lane County Elec Coop | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 72 | 10237 | Lewis County PUD \#1 | \$ | 118,233,668 | 2.4335\% | \$ | 2,908,595 | \$ | 118,482,188 | 2.4361\% | \$ | 2,911,658 | \$ | $(3,063)$ |
| 73 | 10239 | Lincoln Elec Coop (MT) | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 74 | 10242 | Lost River Elec Coop | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 75 | 10244 | Lower Valley Energy | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 76 | 10246 | Mason County PUD \#1 | \$ | 8,547,681 | 0.1759\% | \$ | 210,276 | \$ | 8,563,639 | 0.1761\% | \$ | 210,448 | \$ | (172) |
| 77 | 10247 | Mason County PUD \#3 | \$ | 89,282,630 | 1.8376\% | \$ | 2,196,388 | \$ | 89,452,196 | 1.8392\% | \$ | 2,198,256 | \$ | $(1,868)$ |
| 78 | 10078 | McCleary, City of | \$ | 5,837,540 | 0.1201\% | \$ | 143,606 | \$ | 5,849,106 | 0.1203\% | \$ | 143,740 | \$ | (134) |
| 79 | 10079 | McMinnville, City of | \$ | 97,396,893 | 2.0046\% | \$ | 2,396,002 | \$ | 97,667,399 | 2.0081\% | \$ | 2,400,142 | \$ | $(4,140)$ |
| 80 | 10256 | Midstate Elec Coop | \$ | 47,133,494 | 0.9701\% | \$ | 1,159,503 | \$ | 47,225,040 | 0.9710\% | \$ | 1,160,539 | \$ | $(1,036)$ |
| 81 | 10081 | Milton Freewater, City of | \$ | 12,628,309 | 0.2599\% | \$ | 310,661 | \$ | 12,652,069 | 0.2601\% | \$ | 310,920 | \$ | (259) |
| 82 | 10080 | Milton, City of | \$ | 8,812,635 | 0.1814\% | \$ | 216,794 | \$ | 8,830,001 | 0.1816\% | \$ | 216,994 | \$ | (200) |
| 83 | 10082 | Minidoka, City of | \$ | - | 0.0000\% |  | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 84 | 10258 | Mission Valley | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 85 | 10259 | Missoula Elec Coop | \$ | - | 0.0000\% |  | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 86 | 10260 | Modern Elec Coop | \$ | - | 0.0000\% |  | - | s | - | 0.0000\% | \$ | - | \$ | - |
| 87 | 10083 | Monmouth, City of | \$ | 9,780,069 | 0.2013\% | \$ | 240,594 | \$ | 9,798,771 | 0.2015\% | \$ | 240,801 | \$ | (207) |
| 88 | 10273 | Nespelem Valley Elec Coop | \$ | 5,799,091 | 0.1194\% | \$ | 142,660 | \$ | 5,815,287 | 0.1196\% | \$ | 142,909 | \$ | (249) |
| 89 | 10278 | Northern Lights | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 90 | 10279 | Northern Wasco County PUD | \$ | 27,761,184 | 0.5714\% | \$ | 682,936 | \$ | 27,883,242 | 0.5733\% | \$ | 685,221 | \$ | $(2,285)$ |
| 91 | 10284 | Ohop Mutual Light Company | \$ | - | 0.0000\% |  | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 92 | 10285 | Okanogan County Elec Coop | \$ | - | 0.0000\% |  | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 93 | 10286 | Okanogan County PUD \#1 | \$ | 18,537,703 | 0.3815\% | \$ | 456,035 | \$ | 18,574,042 | 0.3819\% | \$ | 456,451 | \$ | (416) |
| 94 | 10288 | Orcas P \& L | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 95 | 10291 | Oregon Trail Coop | \$ | 87,898,936 | 1.8092\% | \$ | 2,162,349 | \$ | 88,135,438 | 1.8121\% | \$ | 2,165,898 | \$ | $(3,549)$ |

Corrected Utility-Specific Non-Slice FY 09 Lookback Credit Amounts
This sheet calculates Slice credits for PNGC members only on their retained slice percentages the bulk is refunded in PNGC

|  | A | B |  | C | D |  | E |  | F | G |  | H |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Annual FY 09 Lookback Credit Amount | \$ | 154,477,000 |  |  |  |  |  |  |  |  |  |  |
| 2 |  | Slice Annual FY 09 Lookback Credit Amount | \$ | 34,954,747 |  |  |  |  |  |  |  |  |  |  |
| 3 |  | Non-Slice Annual FY 09 Lookback Credit Amount | \$ | 119,522,253 |  |  |  |  | WP-07 Sup | lemental Origin |  |  |  |  |
| 4 |  | Name | Corrected Non-Slice PF. 02 Revenues |  | Corrected Non- <br> Slice PF-02 <br> Revenue Share | Corected Non- <br> Slice Annual <br> FY09 Lookback <br> Credit Amount |  | Non-Slice | PF-02 Revenues | Non-Slice PF02 Revenue Share | Non-Slice Annual FY09 Lookback Credit Amount |  | FY 09 Lookback Non-Slice Correction |  |
| 96 | 10294 | Pacific County PUD \#2 | \$ | 43,225,744 | 0.8897\% | \$ | 1,063,370 | \$ | 43,301,740 | 0.8903\% | \$ | 1,064,125 | \$ | (755) |
| 97 | 10304 | Parkland L \& W | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ |  | \$ | - |
| 98 | 10306 | Pend Oreille County PUD \#1 | \$ | 11,873,709 | 0.2444\% | S | 292,098 | \$ | 11,877,469 | 0.2442\% | \$ | 291,885 | \$ | 213 |
| 99 | 10307 | Peninsula Light Company | \$ | 79,460,229 | 1.6355\% | \$ | 1,954,753 | \$ | 79,603,419 | 1.6367\% | \$ | 1,956,226 | \$ | $(1,473)$ |
| 100 | 10086 | Plummer, City of | \$ | 4,636,078 | 0.0954\% | \$ | 114,049 | \$ | 4,645,700 | 0.0955\% | \$ | 114,166 | \$ | (117) |
| 101 | 10298 | PNGC | \$ | 150,259,824 \| | 3.0927\% | \$ | 3,696,451 | \$ | 150,570,724 | 3.0958\% | \$ | 3,700,223 | \$ | $(3,772)$ |
| 102 | 10087 | Port Angeles, City of | \$ | 84,861,330 | 1.7466\% |  | 2,087,622 | \$ | 85,063,032 | 1.7490\% | \$ | 2,090,394 | \$ | $(2,772)$ |
| 103 | 10706 | Port of Seattle | \$ | - | 0.0000\% | \$ | - | \$ |  | 0.0000\% | \$ |  | \$ | - |
| 104 | 10326 | Puget Sound Naval Shipyard (Bremerton) | \$ | 35,603,669 | 0.7328\% | \$ | 875,864 | \$ | 35,690,119 | 0.7338\% | \$ | 877,072 | \$ | $(1,208)$ |
| 105 | 10331 | Raft River Elec Coop | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 106 | 10333 | Ravalli County Elec Coop | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 107 | 10089 | Richland, City of | \$ | 102,334,128 | 2.1063\% | \$ | 2,517,460 | \$ | 102,598,462 | 2.1095\% | \$ | 2,521,321 | \$ | $(3,861)$ |
| 108 | 10338 | Riverside Elec Company | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 109 | 10091 | Rupert, City of | \$ | 11,968,975 | 0.2463\% | \$ | 294,442 | \$ | 11,993,313 | 0.2466\% | \$ | 294,731 | \$ | (289) |
| 110 | 10342 | Salem Elec Coop | \$ | 56,194,756 | 1.1566\% | \$ | 1,382,413 | \$ | 56,307,582 | 1.1577\% | \$ | 1,383,739 | \$ | $(1,326)$ |
| 111 | 10343 | Salmon River Elec Coop | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 112 | 10349 | Seattle City Light | \$ | 167,453,974 | 3.4466\% | \$ | 4,119,434 | \$ | 167,654,956 | 3.4471\% | \$ | 4,120,062 | \$ | (628) |
| 113 | 10352 | Skamania County PUD \#1 | \$ | 18,124,789 | 0.3730\% | \$ | 445,877 | \$ | 18,159,653 | 0.3734\% | \$ | 446,267 | \$ | (390) |
| 114 | 10354 | Snohomish County PUD \#1 | \$ | 407,609,649 | 8.3895\% | \$ | 10,027,358 | \$ | 408,375,997 | 8.3965\% | \$ | 10,035,698 | \$ | $(8,340)$ |
| 115 | 10094 | Soda Springs, City of | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 116 | 11342 | Southern MT G\&T | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 117 | 10360 | South Side Electric | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 118 | 10363 | Springfield Utility Board | \$ | 80,523,560 | 1.6574\% | \$ | 1,980,911 | \$ | 80,683,618 | 1.6589\% | \$ | 1,982,772 | \$ | $(1,861)$ |
| 119 | 10379 | Steilacoom, Town of | \$ | 5,829,528 | 0.1200\% | \$ | 143,409 | \$ | 5,838,906 | 0.1201\% | \$ | 143,489 | \$ | (80) |
| 120 | 10095 | Sumas, City of | \$ | 3,844,352 | 0.0791\% | \$ | 94,573 | \$ | 3,855,546 | 0.0793\% | \$ | 94,749 | \$ | (176) |
| 121 | 10369 | Surprise Valley Elec Coop |  | 13,419,017 | 0.2762\% | \$ | 330,113 | \$ | 13,456,941 | 0.2767\% | \$ | 330,700 | \$ | (587) |
| 122 | 10370 | Tacoma Public Utilities | \$ | 488,819,093 | 10.0610\% | \$ | 12,025,143 | \$ | 489,848,591 | 10.0716\% | \$ | 12,037,858 | \$ | (12,715) |
| 123 | 10371 | Tanner Elec Coop | \$ | 9,748,304 | 0.2006\% | \$ | 239,812 | \$ | 9,766,582 | 0.2008\% | \$ | 240,010 | \$ | (198) |
| 124 | 10376 | Tillamook PUD \#1 | \$ | 47,179,173 | 0.9711\% | \$ | 1,160,626 | \$ | 47,274,977 | 0.9720\% | \$ | 1,161,766 | \$ | $(1,140)$ |
| 125 | 10097 | Troy, City of | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 126 | 10406 | U.S. DOE Albany | \$ | 542,195 | 0.0112\% | \$ | 13,338 | \$ | 542,891 | 0.0112\% | \$ | 13,341 | \$ | (3) |
| 127 | 10408 | U.S. Naval Station, Everett (Jim Creek) | \$ | 1,769,301 | 0.0364\% | \$ | 43,526 | \$ | 1,772,939 | 0.0365\% | \$ | 43,569 | \$ | (43) |
| 128 | 10409 | U.S. Naval Submarine Base, Bangor | \$ | 24,866,971 | 0.5118\% | \$ | 611,737 | \$ | 24,920,757 | 0.5124\% | \$ | 612,419 | \$ | (682) |
| 129 | 10388 | Umatilla Elec Coop | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 130 | 10482 | Umpqua Indian Utility Cooperative | \$ | 2,573,041 | 0.0530\% | \$ | 63,298 | \$ | 2,580,153 | 0.0530\% | \$ | 63,406 | \$ | (108) |
| 131 | 10391 | United Electric Coop | \$ | 23,654,110 | 0.4869\% | \$ | 581,900 | \$ | 23,714,389 | 0.4876\% | \$ | 582,773 | \$ | (873) |
| 132 | 10399 | USBIA Wapato | \$ | 828,235 | 0.0170\% | \$ | 20,375 | \$ | 833,571 | 0.0171\% | \$ | 20,485 | \$ | (110) |
| 133 | 10426 | USDOE-Richland | \$ | 31,732,310 | 0.6531\% | \$ | 780,627 | \$ | 31,789,188 | 0.6536\% | \$ | 781,208 | \$ | (581) |
| 134 | 10434 | Vera Irrigation District | \$ | 31,257,715 | 0.6434\% | \$ | 768,952 | \$ | 31,330,229 | 0.6442\% | \$ | 769,929 | \$ | (977) |
| 135 | 10436 | Vigilante Elec Coop | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 136 | 10440 | Wahkiakum County PUD \#1 | \$ | 5,335,683 | 0.1098\% |  | 131,260 | S | 5,344,405 | 0.1099\% | \$ | 131,337 | \$ | (77) |
| 137 | 10442 | Wasco Elec Coop | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 138 | 11680 | Weiser, City of | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | -- | \$ | - |
| 139 | 10446 | Wells Rural Electric Company | \$ | 63,749,308 | 1.3121\% | \$ | 1,568,258 | \$ | 63,940,914 | 1.3147\% | \$ | 1,571,326 | \$ | $(3,068)$ |
| 140 | 10448 | West Oregon Elec Coop | \$ | - | 0.0000\% | \$ | - | \$ | - | 0.0000\% | \$ | - | \$ | - |
| 141 | 10451 | Whatcom County PUD \#1 | \$ | 29,532,452 | 0.6078\% | \$ | 726,510 | \$ | 29,614,590 | 0.6089\% | \$ | 727,768 | \$ | $(1,258)$ |
| 142 | 10502 | Yakama Power | \$ | 467,547 | 0.0096\% | S | 11,502 | S | 467,547 | 0.0096\% | \$ | 11,490 | \$ | 12 |
| 144 |  | TOTAL | \$ | 4,858,550,145 | 100.0000\% | S | 119,522,251 | \$ | 4,863,639,949 | 100.0000\% | \$ | 119,522,248 | \$ | 3 |



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Bonneville Power Administration

