

Appendix A

PacifiCorp Avoided Cost (GRID and Differential Revenue Requirement) Model Updates from August 2007 through November 2007 Case No. 03-035-14

GRID Project Name

Avoided Costs – 2007 Nov.

GRID Scenario Study Period

January 1, 2008 through December 31, 2027 (20-year study)

Official Market Price Forecast (Gas and Market Prices)

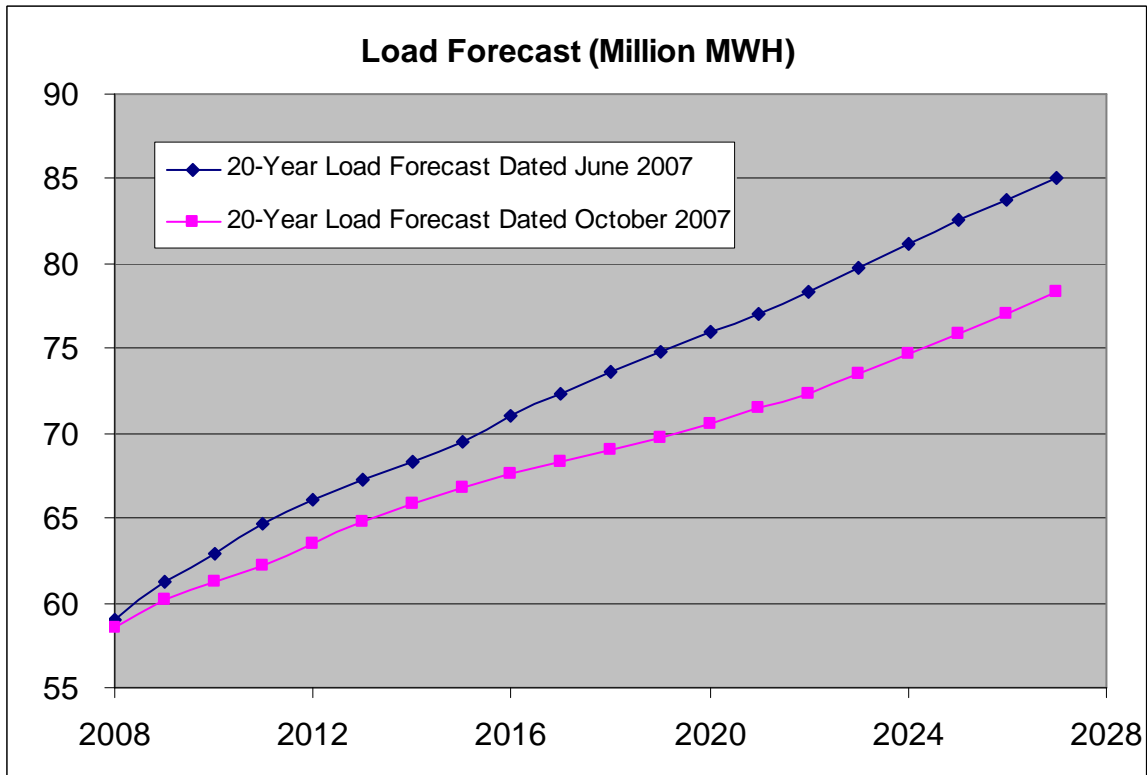
Updated to PacifiCorp's September 2007 official forward price curve (0907).

Market Capacity

The market capacity data series has been updated since the last filing to include the most current information available.

Load Forecast (Retail)

Updated to 20-year load forecast dated October 2007.



Fuel Prices (Coal)

Updated to reflect coal prices for (1) January 2008 through June 2009 – from Utah GRC filing, (2) July 2009 through December 2018 – from 10-year plan dated October 31, 2007, and (3) thereafter IRP Coal Forecast dated April 2006.

IRP Partial Displacements (this filing)

Thermal Resources

Base Case - prior to the inclusion of the avoided cost resource, Four Corners FOT is partially displaced by 124 MW in 2010, and the proxy resource is partially displaced by 124 MW starting 2011. The potential qualifying facility (QF) resources included in the Base Case are DG Lakeview, Hampton Forest Products, and Holly Refinery.

Queue	Thermal Resource	Capacity	Energy
1	DG Lakeview	13 MW	93%
2	Hampton Forest Products	12 MW	93%
3	Holly Refinery	99 MW	85%
Displacement in Base Case MW		124 MW	

Displacement in Base Case - 124 MW				
Year	Displaced Resource	2007 IRP	Displacement	Delta
2010	Market FOT – Four Corners	393	124	269
2011	Proxy Resource	602	124	478

Avoided Cost Case – a 100 MW 100% CF avoided cost resource is added to the thermal resource queue. The impact of this study is that Four Corners FOT is partially displaced by 224 MW in 2010, and the proxy resource is partially displaced by 224 MW starting in 2011.

Queue	Thermal Resource	Capacity	Energy
1	DG Lakeview	13 MW	93%
2	Hampton Forest Products	12 MW	93%
3	Holly Refinery	99 MW	85%
4	Avoided Cost Resource	100 MW	100%
Displacement in Avoided Cost Case MW		224 MW	

Displacement in Avoided Cost Case – 224 MW				
Year	Displaced Resource	2007 IRP	Displacement	Delta
2010	Market FOT – Four Corners	393	224	169
2011	Proxy Resource	602	224	378

Wind Resources

A total of 1,600 MW of wind is included in the 2007 IRP by 2013. IRP wind resources are partially displaced by 642 MW, and assumes the inclusion of Goodnoe, Marengo, Marengo Expansion, Glenrock, Seven Mile, Bridger Butte and RAAM potential and existing QF wind projects.

Wind Resource Queue (MW)			
Queue	Wind Resource	Date	MW
1	Marengo	2007 Aug	140
2	Marengo Expansion	2008 Aug	70
3	Goodnoe	2008 Jun	94
4	Glenrock	2008 Dec	99
5	RAAM	2008 Dec	60
6	Seven Mile	2008 Dec	99
7	Bridger Butte	2010 Jan	80
Partial Displacement			642

IRP Partial Displacements (last filing)

The last filing was also based on the Company's 2007 IRP.

Thermal Resources

Base Case - prior to the inclusion of the avoided cost resource, Four Corners FOT was partially displaced by 130 MW in 2010, and the proxy resource was partially displaced by 130 MW starting 2011. The potential qualifying facility (QF) resources included in the Base Case were DG Lakeview, Holly Refinery, Trans-Jordan, and Hampton Forest Products.

Queue	Thermal Resource	Capacity	Energy
1	DG Lakeview	13 MW	93%
2	Hampton Forest Products	12 MW	93%
3	Holly Refinery	99 MW	85%
4	Trans-Jordan	6 MW	94%
Displacement in Base Case MW		130 MW	

Displacement in Base Case - 130 MW				
Year	Displaced Resource	2007 IRP	Displacement	Delta
2010	Market FOT – Four Corners	393	130	263
2011	Proxy Resource	602	130	472

Avoided Cost Case - a 472 MW 100% CF avoided cost resource was added to the thermal resource queue. The impact of this study was that Four Corners FOT was fully displaced by 393 MW in 2010, the West Main FOT is partially displaced by 209 MW in 2010, and the proxy resource was fully displaced by 602 MW starting 2011.

Queue	Thermal Resource	Capacity	Energy
1	DG Lakeview	13 MW	93%
2	Hampton Forest Products	12 MW	93%
3	Holly Refinery	99 MW	85%
4	Trans-Jordan	6 MW	94%
5	Avoided Cost Resource	472 MW	100%
Displacement in Avoided Cost Case MW		602 MW	

Displacement in Avoided Cost Case – 602 MW				
Year	Displaced Resource	2007 IRP	Displacement	Delta
2010	Market FOT – Four Corners	393 MW	602 MW	Fully Displaced
2010	Market FOT – West Main	219 MW	209 MW	10 MW
2011	Proxy Resource	602 MW	602 MW	Fully Displaced

Wind Resources

The last filing was also based on the Company’s 2007 IRP. Wind partial displacement was 741 MW and assumed the inclusion of Goodnoe, Marengo, Glenrock, Power County, Seven Mile, Bridger Butte and RAAM potential and existing QF wind projects.

Wind Resource Queue (MW)			
Queue	Wind Resource	Date	Total
1	Marengo	2007 Aug	140
2	Marengo Expansion	2008 Aug	70
3	Goodnoe	2007 Nov	70
4	Seven Mile	2008 Oct	99
5	Glenrock	2008 Dec	99
6	Power County	2008 Dec	99
7	RAAM	2008 Dec	60
8	Bridger Butte	2010 Jan	80
Partial Displacement			741

Size of the Avoided Cost Resource

In docket 03-035-14, the docket where the Commission approved the partial displacement revenue requirement method, the size of the avoided cost resource was a 525 MW 100% CF; the size of the next deferrable base load thermal resources.

In this filing and in filings going forward, the avoided cost resource is assumed to be a 100 MW 100% CF thermal resource.

In the last filing, the avoided cost resource was assumed to be a 472 MW 100% CF thermal resource.

Economic Displacement Threshold

Set to 435 MW; the average nameplate of Currant Creek.

West Ready Reserve Transfer Cap

Set to 100 MW

Transfer Capability

The modeling of the following transmission link transfer capabilities have been updated to reflect the most current information available: (1) Colorado > Mona UAMPS, (2) Idaho > Path C, (3) Mona > Colorado, (4) Mona > Utah South, (5) PP-GC > Utah South, (6) Path C > Utah North, (7) Utah South > Mona, and (8) Yakima > Mid-Columbia.

Thermal Resources

The modeling of the following thermal resources have been updated to reflect the most current information available: Currant Creek 1, Gadsby Units 1, 2, 3, 4, 5 and 6, West Valley Units 1, 2, 3, 4 and 5, and Lake Side. The inception date for Lake Side has been revised from July 22, 2007 to September 7, 2007.

The modeling to reflect the most current information available for planned outages, heat rate coefficients and EFOR/derates is also included. Gas Sales and Gas Swaps have also been updated.

Long-Term Contracts Added

The following contracts have been included in GRID since the last filing: Clay Basin Gas Storage, Hurricane Sale, Hurricane Purchase, and Douglas PUD – Lands Energy Share.

Long-Term Contracts Removed

The following contracts have been removed from GRID since the last filing: Clark Storage & Integration, DSM Idaho Irrigation, DSM Idaho Irrigation Shifted, and Pioneer Ridge QF.

Long-Term Contract Modeling Updates

All market indexed contracts updated to reflect September 2007 official forward price curve.

The modeling of the following contracts has been updated to reflect the most current information available: APS Supplemental Purchase Coal, APS Supplemental Purchase Other BPA South Idaho Exchange, Cowlitz Swift Deliver, Deseret Purchase, ExxonMobil QF, Grant Meaningful Priority, Hurricane Purchase, Hurricane Sale, Monsanto Curtailment, Roseburg Forest Products, BPA FC II Generation / Delivery, BPA FC IV Generation / Delivery, BPA Hermiston Losses, BPA Wind Sale, Small state QFs, DSM Utah Irrigation, IPP Purchase, IPP Sale (LADWP), Black Hills, Black Hills Reserve (CTs), Non-Owned Generation East, Non-Owned Generation West, PSCO Sale Summer, Service Station East, and Small Purchases East.

The contract entitled “UAMPS p296212 Capacity Payment” and thermal resource entitled “UAMPS p296212” have been renamed to Nebo Capacity Payment and Nebo Heat Rate Option respectively.

The commercial operational dates for the following wind projects have been updated to reflect the most current information available: Glenrock, Goodnoe, Marengo, Mountain Wind 1 QF, Mountain Wind 2 QF, DG Lakeview, Schwendiman QF, Seven Mile.

Potential Thermal QF Contracts

Trans-Jordan removed as a potential thermal QF resource.

Potential Wind QF Contracts

Power County Wind removed as a potential wind resource.

Transmission

Minor updates to firm wheeling costs and transfer capabilities.

Short-Term Firm (STF) Transactions

Updated to include executed STF contracts as of November 1, 2007 (Extract 280).