

Illustrative Example of a Customer Served by Transfer and taking DFS for a Wind Resource—June 18, 2009

Assumptions.

BPA Power Products

- All Resource Support Service (RSS) products are available for Load Following contract holders' Specified Resources. Secondary Crediting Service (SCS), however, is only available for customers' "existing" hydro resources that are already dedicated to load.
- Diurnal Flattening Service (DFS), in combination with the Resource Shaping Charge, converts the resource output to a flat annual block.
- Output of Specified Resources must be applied to the customer's Total Retail Load.
- BPA provides all transmission scheduling services via TSS for Load Following customers if DFS, SCS, or service at BPA's Tier 2 rate(s) is elected.

Customer Details

- Power Cooperative is a LF PSC holder and an NT contract holder. **It is also a customer served entirely by Transfer in Avista's BAA.¹**
- Power Cooperative is interested in a non-federal resource: 10% of a 60 MW nameplate wind resource (producing 1.736 annual aMW) **located outside of its service territory but still within the Avista BAA (Windy Wind Project)**

THWM: ~80 aMW (actually 79.968 aMW)

Above-RHWM (ARHWM) load for FY 2012 = < 1 aMW

ARHWM load for FY 2013 = 1.736 aMW

Forecast ARHWM load for FY 2014 = 2.554 aMW

DFS Planning Process.

Step 1

In September 2009, Power Coop requests from BPA PS, is given, and signs an enabling agreement for non-federal resource Transfer service (called a Transfer Service Support for Non-Federal Resources Agreement). September is the soonest the Power Coop can request this agreement.

Step 2

By November 1, 2009, Power Cooperative sends BPA a letter electing to serve its FY 2012, 13 & 14 ARHWM load themselves, meaning no Tier 2 purchase from BPA for the 3-year period. In this letter, Power Cooperative also a) requests to add Windy Wind Project, a new Specified Resource, to its LF

¹ Grey-shaded areas are those that were added to reflect Transfer-specific steps in the Clean DFS Example document.

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contract to meet its ARHWM load beginning in FY 2013; b) requests DFS for Windy; and c) elects to meet any ARHWM load not met by Windy with Unspecified Resource Amounts. Power Cooperative does not wish to provide those resource amounts in a shape other than the Flat Annual Shape and Flat Within-Month Shape, so no additional election is necessary in that regard.

Step 3

BPA and Power Coop begin discussing and creating a plan of service for providing DFS for Windy. The plan of service may accommodate the delivery of Windy Wind directly to transfer load and provide RSS from the federal system. In other situations transmission constraints may make it physically impractical or financially unsound for BPA to provide RSS from the Federal system. In these circumstances BPA will consider alternate plans of service including the delivery of the non-Federal resource to the BPA system, and BPA's acquisition of firming services from a third party. BPA will attempt to provide RSS for all non-Federal resources serving transfer load, but where it is physically impractical, and BPA does not develop a viable alternate plan of service, customers may be required to wheel the non-Federal resource to the BPA BA in order to obtain RSS. In the case of Power Coop, the best plan of service that the parties agree to by March 31, 2010, is one where Windy is delivered directly to Power Coop.

Transmission Steps

Power Coop should notify its Transmission Account Executive as soon as it has acquired the non-federal resource to be used to serve its Network Load. If the plan of service resulted in a different arrangement or if the resource was located in the BPA BAA, then additional BPA T steps would need to be taken.

One year prior to the delivery of Windy to load, Power Coop will submit an application for non-federal transfer service, after which BPA PS will initiate getting Network Resource designation by Avista for Windy. Once this process has successfully concluded, BPA will offer Power Coop a Network Resource Exhibit to the Transfer Service Support for Non-Federal Resources Agreement that reflects the particulars of Windy, its delivery to Power Coop's load, and the cost obligations of the parties related to the transfer of Windy.

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Step 4

By March 31, 2010, Power Coop's Power Sales contract is updated added to reflect the elections made in the letter referenced in Step 1.

- In section 2 of Exhibit A
 - (1) **Windy Wind Project**

(A) **Special Provisions**
[blank]

(B) **Resource Profile**

| Fuel Type | Date Resource Dedicated to Load | Date of Resource Removal | Percent of Resource Used to Serve Load | Nameplate Capability (MW) |
|-----------|---------------------------------|--------------------------|--|---------------------------|
| Wind | October 1, 2012 | | 10 | 60 |

| Statutory Status | | Resource Status | | DFS or SCS? | | Dispatchable? | | PNCA? | | If PNCA, PNCA Updates? | |
|------------------|------|-----------------|-----|-------------|----|---------------|----|-------|----|------------------------|----|
| 5b1A | 5b1B | Existing | New | Yes | No | Yes | No | Yes | No | Yes | No |
| | X | | X | X | | | X | | X | | |

Note: Fill in the table above with "X"s.

(C) **Specified Resource Amounts**

| Specified Resource Amounts | | | | | | | | | | | | | |
|----------------------------|------|-----|------|------|------|------|------|------|------|-----|------|-----|------------|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | annual aMW |
| Fiscal Year 2013 | | | | | | | | | | | | | |
| Total (MWh) | 1014 | 836 | 1498 | 1584 | 1506 | 1858 | 1610 | 1092 | 1604 | 962 | 1043 | 640 | 1.736 |
| HLH (MWh) | 528 | 435 | 776 | 906 | 858 | 1108 | 930 | 601 | 844 | 458 | 643 | 309 | 1.701 |
| LLH (MWh) | 486 | 401 | 722 | 678 | 648 | 750 | 680 | 491 | 760 | 504 | 400 | 331 | 1.783 |
| Peak (MW) | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |

Repeat for all applicable years.

3.1.2 Unspecified Resource Amounts

Power Cooperative does not have any Unspecified Resource Amounts at this time.

FYI: The above will be replaced with the table below after the **RHWM Process** for WP-14 has concluded if, based on the calculations in that process, Power Coop has Unspecified Resource Amounts to apply to load. Power Coop does not have any ARHWM load in FY 2012 and its new non-federal resource covers its ARHWM load in FY 2013, so it has no Unspecified Resource Amounts at this time. It is included here for illustrative purposes.

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Power Cooperative's Unspecified Resource Amounts are listed in the table below.

| Unspecified Resource Amounts | | | | | | | | | | | | | |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | annual aMW |
| Fiscal Year 2014 | | | | | | | | | | | | | |
| Total (MWh) | | | | | | | | | | | | | |
| HLH (MWh) | | | | | | | | | | | | | |
| LLH (MWh) | | | | | | | | | | | | | |
| Fiscal Year 2015 | | | | | | | | | | | | | |
| Total (MWh) | | | | | | | | | | | | | |
| HLH (MWh) | | | | | | | | | | | | | |
| LLH (MWh) | | | | | | | | | | | | | |

Note: Fill in the table above with megawatt-hours rounded to whole megawatt-hours and with annual Average Megawatts rounded to three decimal places.

- Section 2.1 of Exhibit C

| Zero Tier 2 | Purchase Period |
|-------------|-------------------|
| X | FY 2012 - FY 2014 |
| | FY 2015 - FY 2019 |
| | FY 2020 - FY 2024 |
| | FY 2025 - FY 2028 |

- Exhibit D: DFS language is added. Certain specific sections are shown below:

2.3.6.1 List of Specified Resources

| Resource Name | Resource Location | Resource Transmission |
|--------------------|-------------------|-----------------------|
| Windy Wind Project | Avista BAA | Firm NT |
| | | |

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2.3.6.2 Monthly Operating Minimums and Planned Amounts

| «Windy Wind Project»'S OPERATING MINIMUMS | | | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
| Rate Period Year 1 | | | | | | | | | | | | |
| HLH MW | | | | | | | | | | | | |
| LLH MW | | | | | | | | | | | | |
| Rate Period Year 2 | | | | | | | | | | | | |
| HLH MW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LLH MW | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Note: The amounts in the table above shall be rounded down to the nearest whole megawatts. | | | | | | | | | | | | |

| « Windy Wind Project »'S PLANNED AMOUNTS | | | | | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Annual aMW |
| Rate Period Year 1 | | | | | | | | | | | | | |
| HLH aMW | | | | | | | | | | | | | |
| LLH aMW | | | | | | | | | | | | | |
| Total aMW | | | | | | | | | | | | | |
| Rate Period Year 2 | | | | | | | | | | | | | |
| HLH aMW | 1.222 | 1.133 | 1.865 | 2.178 | 2.145 | 2.663 | 2.236 | 1.445 | 2.110 | 1.101 | 1.546 | 0.773 | 1.701 |
| LLH aMW | 1.558 | 1.190 | 2.201 | 2.067 | 2.189 | 2.294 | 2.237 | 1.497 | 2.375 | 1.537 | 1.220 | 1.034 | 1.783 |
| Total aMW | 1.363 | 1.160 | 2.013 | 2.129 | 2.164 | 2.501 | 2.236 | 1.468 | 2.228 | 1.293 | 1.402 | 0.889 | 1.736 |
| Note: The amounts in the table above shall be rounded to the nearest three decimal places | | | | | | | | | | | | | |

Step 5

Prior to October 31 of the Rate Case Year for WP-12, Power Coop provides any updates to the resource information used to develop the resource amounts in Exhibit D listed above.

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Step 6

Prior to September 30 of the Rate Case Year (Sep 2011) for the FY 2012/13 Rate Period BPA updates section 2.3.6.2 if necessary and fills in the section 2.3.6.3 of Exhibit D:

2.3.6.3 DFS Charges and Rates

| DFS CAPACITY CHARGE | |
|----------------------------|-----------------|
| Rate Period | \$/month |
| 2012 – 2013 | 15,309 |
| 2014 – 2015 | |
| 2016 – 2017 | |
| 2018 – 2019 | |
| 2020 – 2021 | |
| 2022 – 2023 | |
| 2024 – 2025 | |
| 2026 – 2027 | |
| 2028 | |
| DFS ENERGY RATE | |
| Rate Period | \$/MWh |
| 2012 – 2013 | 6.01 |
| 2014 – 2015 | |
| 2016 – 2017 | |
| 2018 – 2019 | |
| 2020 – 2021 | |
| 2022 – 2023 | |
| 2024 – 2025 | |
| 2026 – 2027 | |
| 2028 | |

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Calculating the DFS Capacity Charge.

Recall, the planned approach for calculating the DFS Capacity Charge is as follows (subject to each 7(i) Process): BPA shall calculate the DFS Capacity Charge by looking at the monthly (or annual) capacity needs of each resource. The monthly (or annual) look involves multiplying the monthly Demand Rates by the calculated difference between planned average HLH energy amounts listed in section 2.3.6.2 above for each month (or annually) and the HLH Operating Minimum amounts in section 2.3.6.2 above of the resource(s) for that particular month (or for the year, depending on the methodology adopted in a future 7(i) Process).

In this example, we applied the annual approach and assumed a Demand Rate of \$8.82/kW-month. So the monthly charge is derived from the following equation:

$$(1.736-0.00) * 8.82 * 1000 = \$15,259 \approx \$15,309$$

The model used to derive the values in the tables above produced slightly different values than this equation due to rounding and an error in leap year hours.

Calculating the DFS Energy Rate.

Recall, the planned approach for calculating the DFS Energy Charge as follows (subject to each 7(i) Process): BPA shall calculate the DFS Energy Charge by first calculating a DFS Energy Rate (either as a separate rate for each year of the rate period or a single rate for the rate period). BPA does so by first summing the MWhs of the historical hourly resource generation (historical data from the resource or similar resource hourly data if no history exists) that is above the planned average diurnal energy amounts listed in section 2.3.6.2 above. This would be calculated separately for each Monthly/Diurnal period of the year. Second, BPA would multiply these MWh amounts by 25 percent (the assumed efficiency loss factor for a pumped storage resource) and then again by the applicable Resource Shaping Rates. Third, BPA would sum the Monthly/Diurnal dollar amounts resulting from the calculation done in step two and divide it by the sum of the monthly total planned aMW energy amounts (converted to MWhs by multiplying by the number of hours in the year) listed in section 2.3.6.2 above.

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| | Market HLH (\$/MWh) | Market LLH (\$/MWh) | Sum HLH Above average | Sum LLH above Average | Cost at 25% Losses HLH | Cost at 25% Losses LLH |
|---------|---------------------|---------------------|-----------------------|-----------------------|------------------------|------------------------|
| Oct | 52.49 | 42.59 | 320 | 246 | \$ 4,202 | \$ 2,624 |
| Nov | 52.00 | 45.17 | 277 | 250 | \$ 3,607 | \$ 2,818 |
| Dec | 53.24 | 46.32 | 313 | 295 | \$ 4,162 | \$ 3,421 |
| Jan | 58.61 | 47.68 | 443 | 319 | \$ 6,494 | \$ 3,800 |
| Feb | 57.50 | 46.76 | 411 | 315 | \$ 5,914 | \$ 3,679 |
| Mar | 55.11 | 45.11 | 475 | 333 | \$ 6,539 | \$ 3,753 |
| Apr | 50.83 | 41.29 | 414 | 300 | \$ 5,266 | \$ 3,097 |
| May | 50.85 | 33.60 | 334 | 273 | \$ 4,244 | \$ 2,292 |
| Jun | 49.27 | 34.36 | 378 | 325 | \$ 4,655 | \$ 2,789 |
| Jul | 52.40 | 43.72 | 248 | 236 | \$ 3,249 | \$ 2,585 |
| Aug | 58.49 | 50.57 | 334 | 215 | \$ 4,887 | \$ 2,714 |
| Sep | 57.32 | 50.89 | 197 | 161 | \$ 2,823 | \$ 2,055 |
| Average | \$ 54.01 | \$ 44.01 | | | \$ 56,042 | \$ 35,626 |
| | | | | | \$ 91,667 | |
| | | | | | \$ 6.01 | per MWh cost |

The quotient of the calculation done in step three would be the dollar per MWh rate that is applied each month to either the amounts measured by the meters, as listed in Exhibit E, for the resources listed in section 2.3.6.1 above, or if such resources are scheduled then, the scheduled amounts, as provided to BPA in accordance with section 2.3.4.2 above to arrive at the monthly DFS Energy Charge. This is a rate because it is applied to actual scheduled or metered generation to determine the charge. An example of how this is done can be found on the bill at the end of this paper.

Step 7

- Since Power Coop is served by Transfer, its Exhibit F already includes the Transmission Scheduling Service (TSS) provisions.

Hourly Scheduling & Delivery.

Power Coop provides Windy generation forecasts to BPA through a computer-based customer portal in accordance with Exhibit F. Subsections of that exhibit follow:

4.1 Prescheduling

Power Cooperative shall submit a delivery schedule to Power Services for its Dedicated Resources for delivery to its Total Retail Load which shall include information such as the source, the point of receipt, any OASIS reservation reference numbers needed for the delivery of non-federal power, the daily megawatt profile and all purchasing selling entities in the path. This delivery schedule shall be submitted to Power Services before the earliest of:

- (1) 0800 hours Pacific Prevailing Time (PPT) on preschedule day,
or

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- (2) one hour prior to the earliest of the transmission prescheduling deadlines associated with **Power Cooperative's** transmission agreement(s) delivery of power to **Power Cooperative's** Total Retail Load.

4.2 Real-Time Scheduling

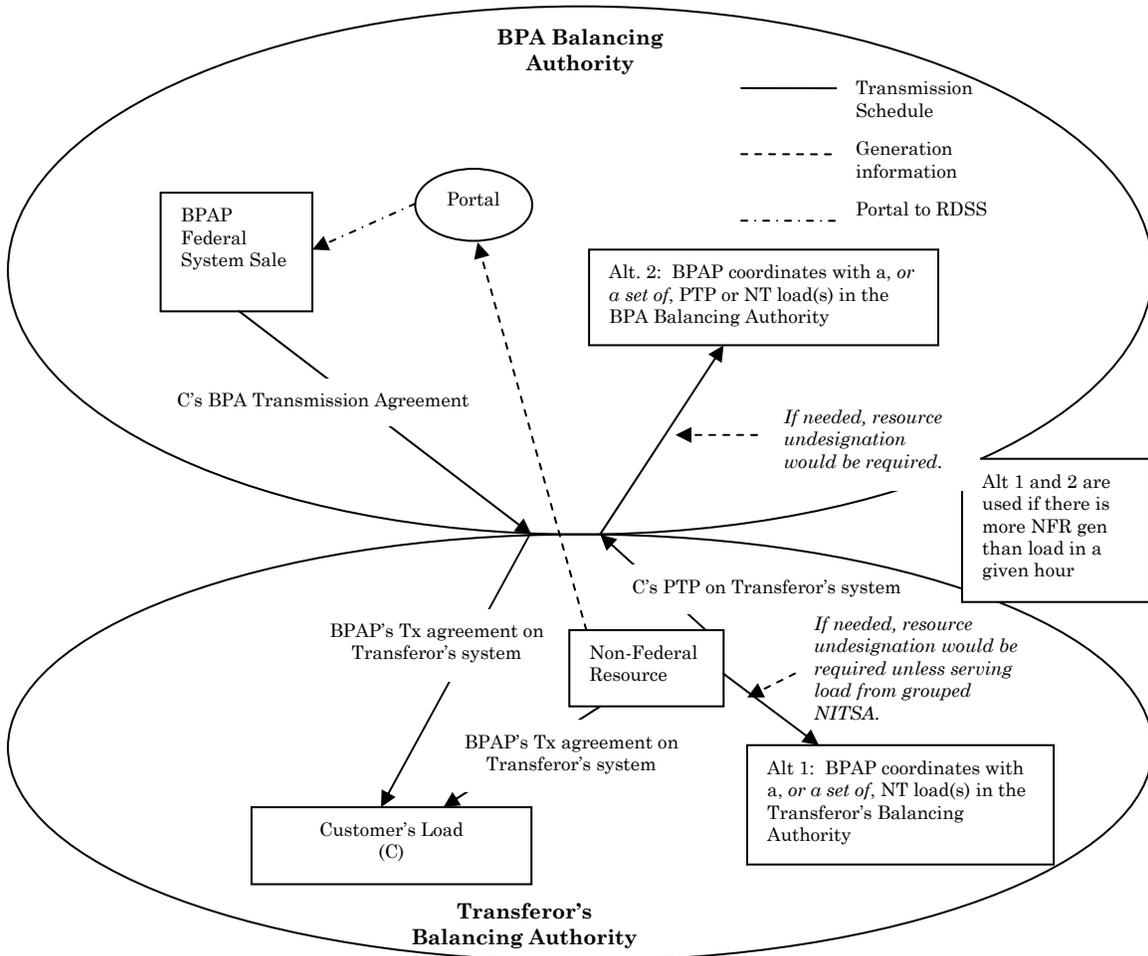
Power Services shall accept megawatt adjustments to **Power Cooperative's** Dedicated Resource schedule(s) up to the earliest of 45 minutes prior to the hour of delivery or 25 minutes prior to the earliest of the transmission real-time scheduling deadlines associated with delivery of power to **Power Cooperative's** Total Retail Load.

Power Cooperative shall submit all required real-time scheduling information in a format specified by Power Services.

Illustration

Load Following customer served via Transfer, acquiring a non-federal resource sourced within the non-BPA Balancing Authority their load is located in. Purchasing BPA's diurnal flattening services – non-federal resource scheduled directly to load. Assumes customer is taking TSS (which includes TCMS).

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Rates and Billing.

The associated RSS charges for the provision of DFS in this example will include a variable DFS Energy Charge and Resource Shaping Charge Adjustment based on actual power generation. They will also include the DFS Capacity Charge and Resource Shaping Charge based on the planned generation.

The DFS and RSC expected cost in \$/MWh for this customer's resource in FY 2013 are:

| DFS and RSC Expected Cost/MWh for Windy | \$/MWh |
|--|---------------|
| DFS Capacity Rates | 12.05 |
| DFS Energy Rates | 6.01 |
| Resource Shaping Rate | 0.27 |
| Total Price (\$/MWh) | 18.34 |

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The **Expected DFS Capacity Cost per MWh** of \$12.05/MWh is the result of the following equation: (Monthly DFS Capacity Charge * 12 months)/total annual MWh of planned generation, or $(\$15,309.40 * 12)/15,154.8 = \$12.12/\text{MWh} \approx \$12.05/\text{MWh}$. The model used to derive the values in the tables above produced slightly different values than this equation due to rounding and an error in leap year hours.

The **DFS Energy Rate** is the same as was calculated above and included in Exhibit D.

BPA plans on calculating the Resource Shaping Charge as follows (subject to each 7(i) Process): For the Specified Resources listed in section 2.3.6.1 above, BPA shall credit or charge the customer for the difference between the planned monthly diurnal average megawatt amounts listed below in section 2.3.6.2 and the sum of the annual average megawatt amounts listed in the Specified Resource Amounts tables in section 2 of Exhibit A for the applicable year. BPA shall calculate the customer's Resource Shaping Charge by multiplying such monthly differences (converted to megawatt-hours) for all months of the upcoming Rate Period by the applicable Resource Shaping Rate, as established in BPA's Wholesale Power Rate Schedules and GRSPs. BPA shall then divide the sum of the dollar amounts calculated above by 12 to calculate the fixed monthly Resource Shaping Charge.

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| Flat Book Amount | | HLH Average MW | LLH Average MW | HLH Delta to Flat Amount | LLH Delta to Flat Amount | RS HLH Rate (\$/MWh) | RS LLH Rate (\$/MWh) | HLH RSC | LLH RSC |
|------------------|-----|----------------|----------------|--------------------------|--------------------------|----------------------|----------------------|-------------|----------------|
| 1.736 | Oct | 1.222 | 1.558 | 0.514 | 0.178 | 52.49 | 42.59 | \$ 11,645 | \$ 2,366 |
| | Nov | 1.133 | 1.190 | -1.133 | -1.190 | 52.00 | 45.17 | \$ 12,040 | \$ 8,309 |
| | Dec | 1.865 | 2.201 | -1.865 | -2.201 | 53.24 | 46.32 | \$ (2,871) | \$ (7,072) |
| | Jan | 2.178 | 2.067 | -2.178 | -2.067 | 58.61 | 47.68 | \$ (10,780) | \$ (5,181) |
| | Feb | 2.145 | 2.189 | -2.145 | -2.189 | 57.50 | 46.76 | \$ (9,412) | \$ (6,276) |
| | Mar | 2.663 | 2.294 | -2.663 | -2.294 | 55.11 | 45.11 | \$ (21,268) | \$ (8,228) |
| | Apr | 2.236 | 2.237 | -2.236 | -2.237 | 50.83 | 41.29 | \$ (10,569) | \$ (6,290) |
| | May | 1.445 | 1.497 | -1.445 | -1.497 | 50.85 | 33.60 | \$ 6,157 | \$ 2,632 |
| | Jun | 2.110 | 2.375 | -2.110 | -2.375 | 49.27 | 34.36 | \$ (7,375) | \$ (7,028) |
| | Jul | 1.101 | 1.537 | -1.101 | -1.537 | 52.40 | 43.72 | \$ 13,838 | \$ 2,856 |
| | Aug | 1.546 | 1.220 | -1.546 | -1.220 | 58.49 | 50.57 | \$ 4,625 | \$ 8,563 |
| | Sep | 0.773 | 1.034 | -0.773 | -1.034 | 57.32 | 50.89 | \$ 22,086 | \$ 11,422 |
| | | | | | | | Total | \$ 4,191 | per year cost |
| | | | | | | | | \$ 349 | per month cost |
| | | | | | | | | \$0.27 | per MWh cost |

The **Expected Resource Shaping Charge Cost per MWh**, shown above, is the result of dividing the annual total Resource Shaping Charge (\$4,191) by the total annual MWh of planned generation (15,154.8 MWh), or \$0.276/MWh. The model used to derive the values in the tables above produced slightly different values than this calculation due to rounding.

This customer does not pay Forced Outage Reserves for this wind resource because it is already paying for the capacity through DFS.

The customer's resource charges above were based on the planned generation in FY 2013. The resource actually performed differently and is captured below in total monthly/diurnal kWh amounts:

| | Planned | | Actual | | Delta | |
|-------|-------------|------------|-------------|------------|-----------|-----------|
| | LLH kWh | HLH kWh | LLH kWh | HLH kWh | LLH kWh | HLH kWh |
| Oct | 486,000 | 528,000 | 321,000 | 654,000 | 165,000 | (126,000) |
| Nov | 401,000 | 435,000 | 589,000 | 418,000 | (188,000) | 17,000 |
| Dec | 722,000 | 776,000 | 622,000 | 665,000 | 100,000 | 111,000 |
| Jan | 678,000 | 906,000 | 655,000 | 942,000 | 23,000 | (36,000) |
| Feb | 648,000 | 858,000 | 712,000 | 871,000 | (64,000) | (13,000) |
| Mar | 750,000 | 1,108,000 | 862,000 | 1,006,000 | (112,000) | 102,000 |
| Apr | 680,000 | 930,000 | 456,000 | 945,000 | 224,000 | (15,000) |
| May | 491,000 | 601,000 | 665,000 | 456,000 | (174,000) | 145,000 |
| Jun | 760,000 | 844,000 | 654,000 | 734,000 | 106,000 | 110,000 |
| Jul | 504,000 | 458,000 | 444,000 | 566,000 | 60,000 | (108,000) |
| Aug | 400,000 | 643,000 | 668,000 | 786,000 | (268,000) | (143,000) |
| Sep | 331,000 | 309,000 | 436,000 | 238,000 | (105,000) | 71,000 |
| Total | 6,851,000 | 8,396,000 | 7,084,000 | 8,281,000 | (233,000) | 115,000 |
| | Grand Total | 15,247,000 | Grand Total | 15,365,000 | | |

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The DFS Energy Rate for this resource will be applied to its *actual* total monthly generation (see shaded amounts above). The RSC Adjustment reflects the cost difference between the planned and actual average monthly HLH and LLH resource generation amount (see shaded amounts above). The example bill that follows is for the month of April. Rates and charges for TSS (including TCMS) are not included on the following bill because a pricing methodology has not yet been developed. Also excluded from the example bill are charges associated with non-Federal resource transfer service.

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| metered | April |
|--------------|------------|
| CSP kW | 121,444 |
| Proxy GSP kW | 109,300 |
| HLH kWh | 31,814,906 |
| LLH kWh | 19,218,112 |
| Proxy CDQ kW | 34,036 |

| | |
|---|-----------------------------|
| Purchaser - | xxxxxxx |
| Example Load Following Bill with RSS | |
| Hours | 416 |
| | Net Req (aMW) = 82.149 |
| | Min(NR,RHWM) (aMW) = 79.968 |
| | above RHWM (aMW) = 1.736 |
| | SRHWM aMW = 7,327.232 |
| | TOCA = 1.09138% |

April Tiered Rate Bill

| Sched | Service Descriptor | Quantity | Unit | Rate | Amount |
|------------------|-----------------------|------------|-------|---------|--------------|
| Tier 1 | Composite Charge | 1.09138 | 1% @ | | 1,792,247 \$ |
| Tier 1 | Non-Slice Charge | 1.09138 | 1% @ | | (\$505,537) |
| Tier 1 + Non Fed | Energy HLH | 31,814,906 | | | |
| Non-Fed | Energy HLH | -722,176 | | | |
| Tier 1 | Energy HLH | 31,092,730 | | | |
| Tier 1 | HLH SSL | 28,195,560 | | | |
| Tier 1 | HLH Load Shaping | 2,897,170 | kWh @ | 0.04716 | \$136,631 |
| Tier 1 + Non Fed | Energy LLH | 19,218,112 | | | |
| Non-Fed | Energy LLH | -527,744 | | | |
| Tier 1 | Energy LLH | 18,690,368 | | | |
| Tier 1 | LLH SSL | 20,445,274 | | | |
| Tier 1 | LLH Load Shaping | -1,754,906 | kWh @ | 0.04056 | (\$71,179) |
| Tier 1 + Non Fed | Demand CSP | 121,444 | | | |
| Non-Fed | Flat Block (per hour) | -1,736 | | | |
| Tier 1 | aHLH | -74,742 | | | |
| Tier 1 | CDQ | -34,036 | | | |
| Tier 1 | Demand Charge | 10,930 | kW @ | 7.41 | \$80,990 |

| | | | | | |
|-------|-----------------------------|-----------|--------|---------|-------------|
| RSS | DFS Energy Actual HLH + LLH | 1,401,000 | kWh @ | 0.00601 | \$8,420 |
| RSS | DFS Capacity | | 1 Mo @ | 15,309 | \$ 15,309 |
| RSS | RSC | | 1 Mo @ | 349 | \$ 349 |
| RSS | RC Forecast Non-Fed HLH | 930,000 | | | |
| RSS | Actual Non-Fed HLH | 945,000 | | | |
| RSS | HLH RSC Adjustment | -15,000 | kWh @ | 0.04716 | (\$707) |
| RSS | RC Forecast Non-Fed LLH | 680,000 | | | |
| RSS | Actual Non-Fed LLH | 456,000 | | | |
| RSS | LLH RSC Adjustment | 224,000 | kWh @ | 0.04056 | \$9,085 |
| Total | | | | | \$1,629,384 |

| TRM April Rate Schedule | |
|--|---------------|
| Composite (\$ per 1%) | 1,792,247 |
| Non-Slice (\$ per 1%) | -463,209 |
| T1SR HLH Gen (kWh) | 2,583,477,791 |
| LS HLH (mills/kWh) | 47.16 |
| System Shaped Load (SSL) is calculated by multiplying a customer's TOCA by the posted output of the Tier 1 System Resources (T1SR) for the corresponding monthly/diurnal period. | |
| T1SR LLH Gen (kWh) | 1,873,341,468 |
| LS LLH (mills/kWh) | 40.56 |
| Load Shaping (LS) billing determinant is calculated by subtracting SSL from Tier 1 energy. | |
| Contract Demand Quantity is found in contract. | |
| Demand (\$/kW-mo) | 7.41 |
| Variable DFS Energy (mills/kWh) | 6.01 |
| Fixed DFS Capacity (\$/month) | \$ 15,309 |
| Fixed RSC (\$/month) | \$ 349 |
| RSS charges are resource specific. The example here was created from a wind resource. | |
| RSC HLH (mills/kWh) | 47.16 |
| Resource Shaping Adj (RS) billing determinant is calculated by subtracting Actual generation from Forecast generation. | |
| RSC LLH (mills/kWh) | 40.56 |

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