



Western
Area Power
Administration

2017 Transmission & Ancillary Services Formula Rates

Steve Sanders, Operations and
Transmission Advisor

October 31, 2016

Customer Information Meeting

Billings, MT and via WebEx



Introductions

- Lloyd Linke – Vice-President of Operations for Upper Great Plains (UGP)
- Steve Sanders – Operations and Transmission Advisor (UGP)
- Gary Hoffman – Attorney-Advisor
- Linda Cady-Hoffman – Rates Manager (UGP)
- Sara Baker – Public Utilities Specialist (UGP)

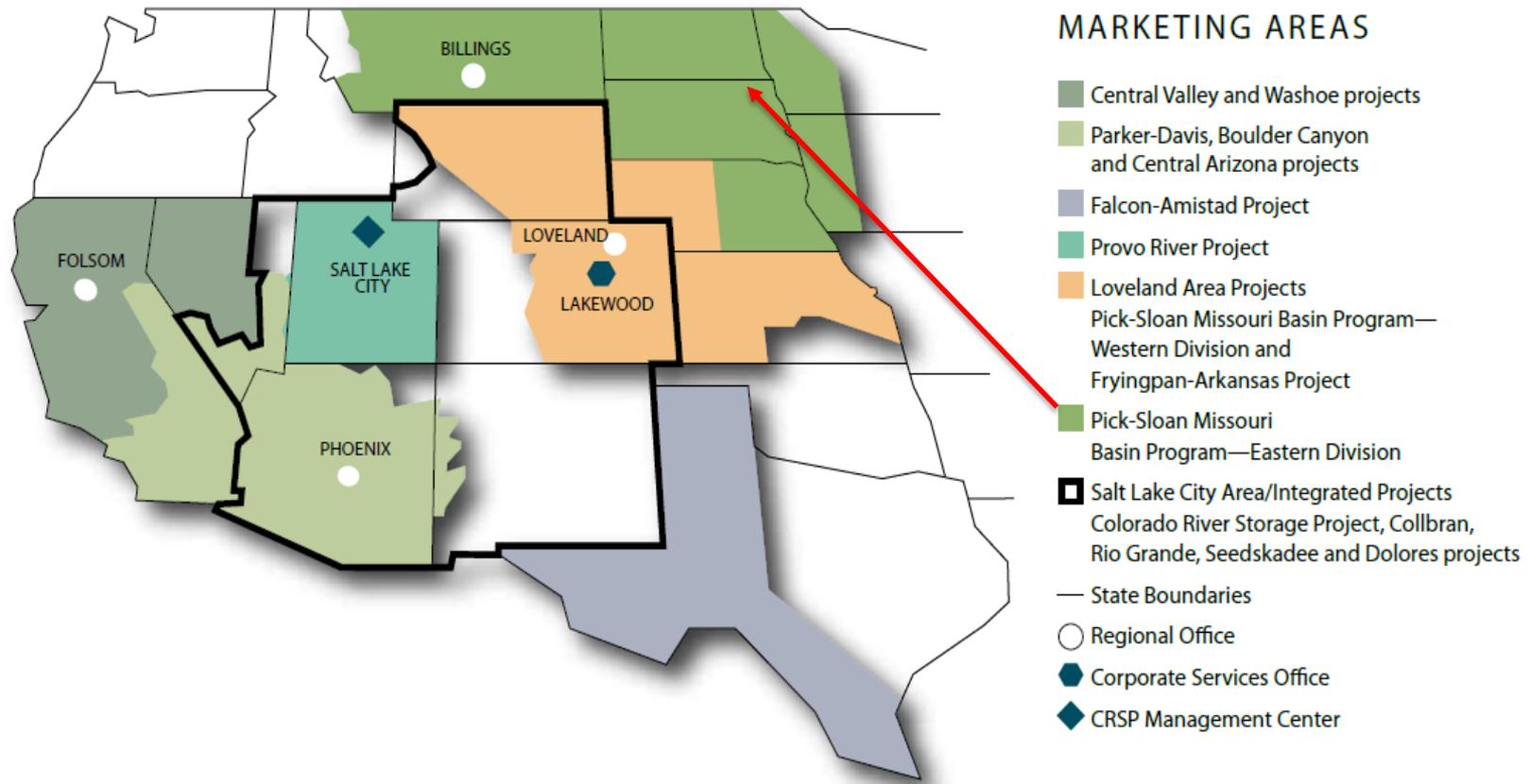


Purpose of Meeting

- As provided for in the *Federal Register* Notice published July 27, 2015 (80 FR 44342):
 - Western will provide customers the opportunity to discuss and comment on the recalculated revenue requirements on or before October 31 of each year.
- This meeting provides an opportunity to discuss the proper application of data in the formula rates, not the rate formulas themselves



Western Area Power Administration Upper Great Plains Region (Western-UGP)



Transition from Integrated System (IS) to Southwest Power Pool, Inc. (SPP)

- Western-UGP joined SPP as a Transmission Owner on October 1, 2015, at which time Transmission Service on the IS under Western's Tariff was no longer available.
- Transmission Service on Western-UGP's transmission facilities transferred to functional control of SPP is provided by SPP under the SPP Tariff.
 - Western-UGP's revenue requirement for transmission service is included in rate calculations for the Upper Missouri Zone (UMZ), or Zone 19, and all Ancillary Services are under the SPP Tariff.



Western-UGP Postings for 2017 Rates

- On Western-UGP OASIS home page <http://www.oasis.oati.com/wapa/index.html>:
 - Customer Letter announcing updated 2017 rates (10/21/16)
 - UGP Rates Calculations for 1/1/2017 (includes lists of Western-UGP facilities, and classification under SPP Tariff Attachment AI (eligible or non-eligible)) *
 - UGP Rates Calculations for 1/1/2017 (Excel version with live formulas)
 - UGP 2017 Rates Summary/Notices
 - UGP Rate Schedules
 - UGP Rates True-Up Calculations for 2015 (includes lists of Western-UGP facilities, and classification under SPP Tariff Attachment AI (eligible or non-eligible)) *
 - UGP Rates True-Up Calculations for 2015 (Excel version with live formulas)
 - Integrated System (IS) True-Up Calculations for 2015
<http://www.oasis.oati.com/WAPA/WAPAdocs/IS-Trans-Anc-Service-Rates-2015-TrueUp.pdf>

* One-Line Diagrams showing these included facilities are available upon request. The diagrams include CEII material and therefore require execution of a Non-Disclosure Agreement with Western-UGP.



SPP Web Site – Links to OASIS for path to Western-UGP Rates Information

- www.spp.org

The screenshot shows the SPP website interface. The main navigation bar includes 'About Us', 'Organizational Groups', 'Governance', 'Events', and a search bar. Below this, there are tabs for 'Stakeholder Center', 'Engineering', 'Markets & Operations', and 'Regional Entity'. The 'Markets & Operations' dropdown menu is open, listing several options: 'Integrated Marketplace', 'Market Monitoring', 'Net Benefits Test', 'Outage Coordination', 'TCR Markets', 'Marketplace Portal', and 'OASIS'. A red arrow points to the 'OASIS' link. The main content area features a banner for 'TRANSMISSION OWNER SELECTION PROCESS' and three data visualization sections: 'Price Contour Map', 'Generation Mix', and 'Forecast vs. Actual'.



SPP Web Site – Links to OASIS for path to Western-UGP Rates Information (cont'd)

Registration | About

OATI webOASISSM Production Node



©2001 OATI webOasisSM - Open Access Technology International, Inc. All Rights Reserved.



INTERMOUNTAIN OPERATIONS COMPANY



Western Area Power Administration

WebOASIS Production Node Login

Western-UGP OASIS home page hosted on SPP OASIS



Western-UGP OASIS Home Page Rates Postings (and other postings)

- <http://www.oasis.oati.com/wapa/index.html>

Western Area Power Administration

Production Node Login

Western-UGP OASIS Home Page

This is the OASIS home page for Western Area Power Administration-Upper Great Plains Region (Western-UGP) hosted on the Southwest Power Pool, Inc. (SPP) OASIS

Western-UGP also posts Rates and Other Information on the [SPP Member Related Postings](#) page (Link titled "Western Area Power Administration Information") at the following URL:
[SPP Member Related Postings](#)

Historic information for the Western-UGP / Basin Electric Power Cooperative / Heartland Consumers Power District integrated transmission system called the Integrated System (IS) in the MAPP and WECC Regions is also available on this page.

Recent News, [Last Updated: 10/21/2016](#) (1 Item)
(See "News" Folder for older News and Historic IS News)

10/21/2016 (New UGP Trans. & Anc. Service Rates Posting): Notice - New UGP Rates Effective 01/01/2017 Posted

(To be posted) -- 10/31/16 Customer Meeting Presentation: [Customer-Mtg-Presentation-UGP-Trans-Anc-Service-Rates-2017.pdf](#)

As described in the October 21, 2016, letter to Customers ([Customer-Letter-UGP-Trans-Anc-Service-Rates-2016-1021.pdf](#)), Western-UGP is updating its rates for transmission and ancillary services for the Pick-Sloan Missouri Basin Program-Eastern Division (P-SMBP--ED) that are utilized in the SPP Zone 19 pricing zone (also referred to as the Upper Missouri Zone or UMZ) and also in its WAUW Balancing Authority Area. The letter to Customers and details of the 2017 UGP rate calculations are posted under the "Rates Calculation" subfolder in the "Rates" folder, or directly at the following URL: [UGP-Trans-Anc-Service-Rates-Calc-2017-0101.pdf](#)

Western-UGP has also posted the UGP 2015 True-Up calculation under the "Rates Calculation" subfolder in the "Rates" folder, or directly at the following URL: [UGP-Trans-Anc-Service-Rates-2015-TrueUp.pdf](#)

Western-UGP will host a meeting to provide customers and other interested parties an opportunity to discuss and comment on these recalculated revenue requirements on October 31, 2016, at 9:00a.m. MDT at Western's offices located at 2900 4th Avenue North, 6th Floor, Billings, MT. The meeting will also be available via WebEx. For those desiring to attend the meeting in person or via WebEx, please contact Sara Baker at (406) 255-2924 or sbaker@wapa.gov before October 31, 2016, for meeting or WebEx access information.

Western-UGP has also posted the IS 2015 True-Up calculation under the "Historic IS Rates Calculations" subfolder in the "Historic IS Info - Rates" folder, or directly at the following URL: [IS-Trans-Anc-Service-Rates-2015-TrueUp.pdf](#)

If you have any questions, please contact Steve Sanders at (406) 255-2840 (sanders@wapa.gov).

Documents

- [NAESB Home Page](#)
- [Standards of Conduct](#)

Rates

- [SPP Member Related Postings Link](#)
- [SPP RRR File Postings](#)

Rates Calculations

- [UGP Rates - 2015 True-Up Calculation \(Excel\)](#)
- [UGP Rates - 2015 True-Up Calculation](#)



Western-UGP Postings for 2017 Rates

- On SPP Member Related Postings (In Winzip file under Western Area Power Administration Information)
<http://sppoasis.spp.org/documents/SWPP/MemberRelatedPostings/MemberRelatedPostings.asp> :
- File named “UGP-Trans-Anc-Service-Rates-Calc-2017-0101.xlsx” -- UGP Rates Calculations for 1/1/2017 (includes lists of Western-UGP facilities, and classification under SPP Tariff Attachment A1 (eligible or non-eligible)) *

* One-Line Diagrams showing these included facilities are available upon request. The diagrams include CEII material and therefore require execution of a Non-Disclosure Agreement with Western Area Power Administration - Upper Great Plains Region.



SPP Web Site – Links to OASIS for path to Member Related Postings and Information

- www.spp.org

The screenshot shows the SPP website interface. The top navigation bar includes links for About Us, Organizational Groups, Governance, Events, and a search bar. Below this is a secondary navigation bar with categories: Stakeholder Center, Engineering, Markets & Operations (highlighted), and Regional Entity. A large banner image features a power transmission tower with the text "Learn more about proposals for Competitive Upgrades." and a button for "TRANSMISSION OWNER SELECTION PROCESS". A red arrow points to the "OASIS" link in the Markets & Operations dropdown menu. Below the banner are three main content areas: "Price Contour Map" (a map of the region with a color-coded legend), "Generation Mix" (a pie chart showing the distribution of power sources), and "Forecast vs. Actual" (a line graph comparing forecasted and actual power generation over time).



SPP Web Site – Links to OASIS for path to Member Related Postings and Information (cont'd)

Registration | About

OATI webOASISSM Production Node



©2001 OATI webOasisSM - Open Access Technology International, Inc. All Rights Reserved.

WebOASIS Production Node Login



INTERMOUNTAIN OPERATIONS COMPANY



Western Area Power Administration

SPP's OASIS home page hosted on SPP OASIS



SPP Web Site – Links to OASIS for path to Member Related Postings and Information

The screenshot displays the SPP (Southwest Power Pool) website interface. On the left is a navigation menu with categories like 'Documents', 'Performance Metrics', 'Business Practices, Waivers, and Exemptions', and 'Member Related Postings'. The main content area features a 'Production Node Login' button, a 'Welcome to SWPP' message, and a section titled 'SPP OASIS' containing 'UPDATES' and 'Real Time Operations Notices:'. The notices include information about Montana Hi-Line Load switching, Bi-Annual Reserve Zone Study Results, and SPP Primary Coordination Center relocation. Two red arrows point from the 'Member Related Postings' link in the left menu to the 'Real Time Operations Notices' section.

Production Node Login
Welcome to SWPP

SPP OASIS

UPDATES
[DC Ties Update](#) - Updated 10-20-2016 18:13 CPT
[Delayed Offering](#) - Updated 8-2-2013 08:35 CPT
[QOME Directives](#) - Updated 09-16-2016 09:03 CPT CPT
[Manual Curtailments \(Previously called NDR curtailments\)](#) - Updated 10-21-2016 10:03 CPT

Real Time Operations Notices:

Operating under normal conditions.

10/01/2016 The switching of Montana Hi-Line Load to the Eastern Interconnection has taken place on 10/04/2016 at 09:15 and ended on 10/20/2016 at 13:54. The line sections scheduled to be switched to the Eastern Interconnection include: Ft.Peck-Richardson Coulee 161kV, Richardson Coulee-Malta 161kV,

Notification of Bi-Annual Reserve Zone Study Results
The latest bi-annual reserve zone study has been completed. SPP is not recommending any change to the current reserve zone definitions at this time. No reserve zone definition changes will be made on the bi-annual effective date of June 1, 2016. Details of the study results will be presented at a future MWG meeting.

Effective Wednesday, July 24, 2013 at 1000 hours. Revisions to Business Practice 1500, 2350, and 1700 with additional information concerning Preemption and Competition can be found in the document "DC Tie Reservation and Preemption and Competition modifications" which can be found under the Transmission Folder in the left column.

WELSH HVDC Project information may be found under the Transmission Folder in the left column. Or click here for more details.

The SPP Primary Coordination Center has relocated to 201 Worthen Drive, Little Rock, AR 72223-4936. Contact telephone numbers have NOT changed. However, the FAX numbers HAVE changed. FAX numbers are as follows:

OTO Tariff & Interchange: Primary Coordination Center: 501 493 2024 Back Up Coordination Center: 504 954 6500



Western-UGP Notifications for 2017 Rates

- Customer Letter dated 10/21/2016 announcing updated 2017 rates sent to all of Western-UGP's Transmission Customers
- Notification also provided via the new SPP Formula Rate Posting Information Notification email exploder (frpin@spplist.spp.org).
- Announcement/rate calculations posted on Western-UGP's OASIS home page
- Announcement/rate calculations posted on Western-UGP's regional Rate Web page.



UGP 2017 Rates Summary/Notices

- <http://www.oasis.oati.com/WAPA/WAPAdocs/UGP-Trans-Anc-Service-Rates-Calc-2017-0101.pdf>

**Transmission and Ancillary Services Rates for
Western-UGP facilities and services in Southwest Power Pool, Inc. (SPP) and for
Western-UGP's WAUW Balancing Authority Area in the Western Interconnection
(Rates Effective 01/01/2017 per 10/21/16 Letter to Transmission Customers and Other Interested
Parties)**

Type of Service	Rate	Effective
Transmission Service: (Rates expire 12/31/17)		
Annual Transmission Revenue Requirement (UMZ)	\$147,035,618	01/01/17
Scheduling, System Control and Dispatch Service (Annual Revenue Requirement for Schedule 1 under SPP Tariff)	\$ 12,200,825	01/01/17



UGP 2017 Rates Summary/Notices (cont'd)

- <http://www.oasis.oati.com/WAPA/WAPAdocs/UGP-Trans-Anc-Service-Rates-Calc-2017-0101.pdf>

WAUW Balancing Authority Area Related Ancillary Service: (Rates expire 12/31/17)

Regulation and Frequency Response Service <i>(Annual Revenue Requirement)</i>	\$ 301,656	01/01/17
Energy Imbalance Service (EI)	(See Note 1)	01/01/17 *
Index for Prevailing Market Energy Rate for EI	(Not yet determined)	
Generator Imbalance Service (GI)	(See Note 2)	01/01/17 *
Index for Prevailing Market Energy Rate for GI	(Not yet determined)	
Operating Reserves – Spinning Reserve Service and Supplemental Reserve Service (Reserves) <i>(Annual Revenue Requirement)</i>	\$ 257,621 (See Note 3)	01/01/17
Index for Prevailing Market Energy Rate for Reserves: SPP Integrated Marketplace Interface at Miles City DC Tie (MCWEST)		01/01/17

* Western-UGP has elected to delay financial settlement for Energy Imbalance and Generator Imbalance until such time as certain billing procedures are finalized. Prior to charging and billing for these services on a financial basis, notice of Western-UGP's intent to initiate financial charging will be posted on Western-UGP's OASIS web site. Until the new financial settlement of Energy Imbalance is implemented, monthly energy imbalance accounts will be maintained, as in the past. These accounts will be repaid within the following month.

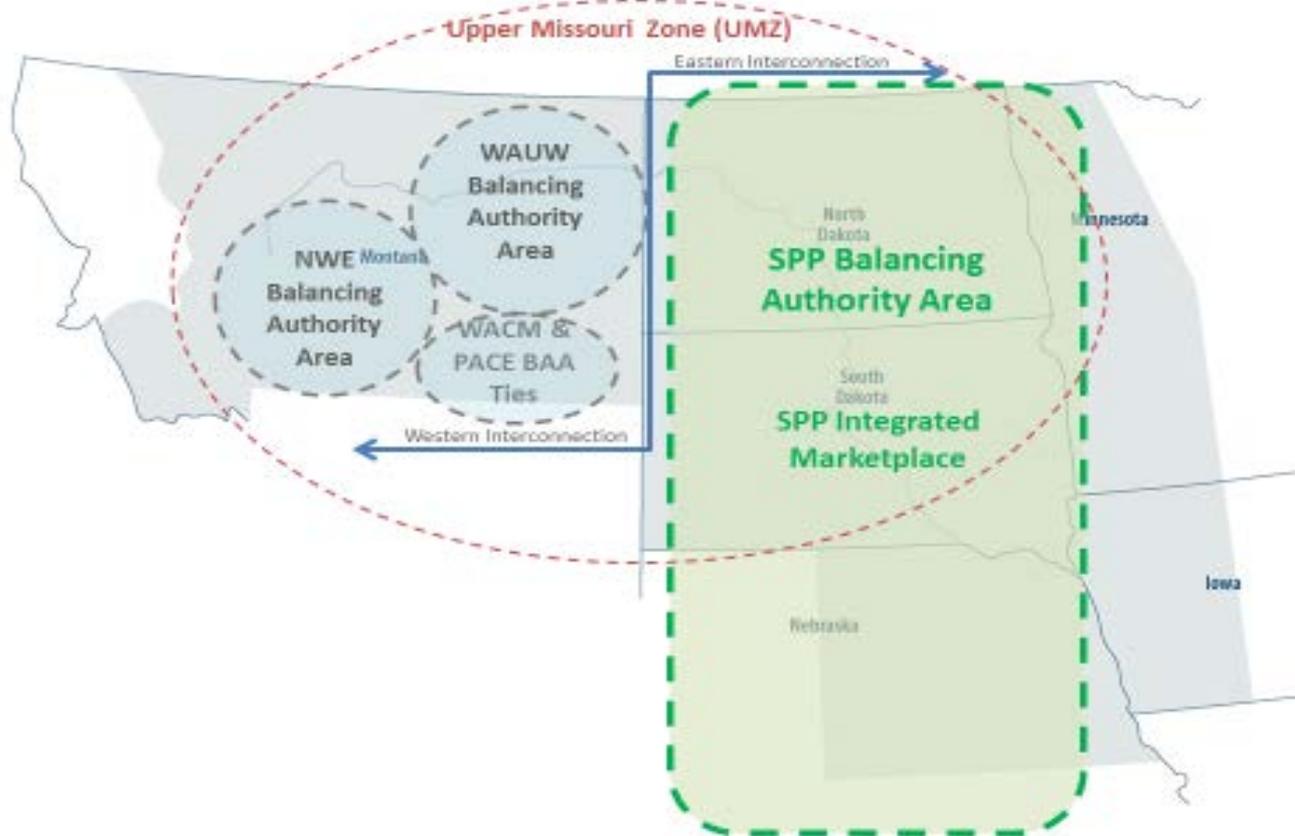


Western-UGP Transmission Rates and Ancillary Service Rates in WAUW

- Transmission service on Western-UGP's facilities located in WAUW is provided by SPP under the SPP Open Access Transmission Tariff (SPP Tariff).
- Western-UGP is still the Balancing Authority ("BA") for its WAUW Balancing Authority Area ("BAA").
- The WAUW ancillary services and coordination between Western-UGP as the Balancing Authority and SPP as the Transmission Provider in the Western Interconnection is described in Attachment AS of the SPP Tariff entitled "*Contract Services Agreement between Western Area Power Administration and Southwest Power Pool, Inc.*"



Western-UGP Transmission Facilities, Western Interconnection Operations



Western-UGP 2017 Estimated Rates

- Transmission Service (WAUGP-ATRR)
- Scheduling, System Control and Dispatch Service (WAUGP-AS1)
- Regulation & Frequency Response Service (WAUW-AS3)
- Operating Reserves Service-Spinning and Supplemental (WAUW-AS5 & 6)
- Energy Imbalance (WAUW-AS4)
- Generator Imbalance (WAUW-AS7)



Transmission Service

- Costs for eligible transmission facilities are included per Attachment AI of SPP's Tariff. *(Based upon Attachment AI of SPP's Tariff and consistent with criteria set forth in the "Zone 19 (Upper Missouri Zone) - Attachment AI Guidance Document", dated 06/14/2016, as prepared by the Attachment AI Working Group in FERC docket ER15-1775-000.)*
- Western-UGP is using revenue requirement calculation templates and annualizing transmission investment and transmission-related costs including:
 - Operations & Maintenance
 - Interest
 - Administrative & General
 - Depreciation



Forward-Looking Formula Transmission Rates

- Allows Western-UGP to accurately match cost-recovery with cost incurrence.
- Uses projections to estimate transmission costs for upcoming year in the ATRR.
- True-up cost estimates with actual costs
 - Revenue requirements will be recalculated each year
 - Western-UGP will recover no more and no less than actual transmission costs for the year.



2017 Estimated Annual Transmission Revenue Requirement (ATRR)

Western-UGP Estimated Annual Revenue Requirement \$	2017 ATRR \$
Gross Revenue Requirement	149,874,331
Revenue Credits	1,142,800
Scheduling, System Control & Dispatch	12,200,825
Subtotal	130,068,406
Prior-Period True-up (2015)	16,967,212
Total Annual Transmission Revenue Requirement	\$ 147,035,618



Scheduling, System Control & Dispatch Service

- Required to schedule movement of power through, out of, within or into SPP and/or Western Area Power Administration, Upper Great Plains West Balancing Authority Area (WAUW).
- Western-UGP's annual revenue requirement is utilized by SPP to calculate regional SPP Schedule 1 rate for:
 - SPP through and out transactions; and,
 - Zonal SPP Schedule 1 rate for the UMZ.



Scheduling, System Control & Dispatch Service (cont'd)

- Annualize Western-UGP's transmission investment and transmission-related costs for providing SSCD including:
 - Operations & Maintenance
 - Interest
 - Administrative & General
 - Depreciation
- Uses projections to estimate SSCD costs for upcoming year in the ARR.
- True-up cost estimates with actual costs
 - Rate are recalculated each year
 - Western-UGP recovers no more and no less than actual costs for the year.



2017 Estimated Scheduling, System Control & Dispatch Service Revenue Requirement

Western-UGP Scheduling, System Control and Dispatch Service	2017 ATRR \$
Operation & Maintenance Expense	11,349,943
A&G Expense	168,577
Depreciation Expense	268,361
Cost of Capital (Weighted Composite Interest Rate * Net Plant Investment)	276,658
Revenue Requirement	12,063,539
Estimated SSCD Revenue (\$) from non-Transmission facilities	443,560
Prior Year True-up	580,847
Revenue Requirement for SSCD for Transmission facilities	\$ 12,200,825



Regulation & Frequency Response Service (WAUW)

- Western-UGP provides Regulation and Frequency Response Service in the WAUW as the Balancing Authority (BA).
- Service provided primarily by U.S. Army Corps of Engineers (Corps) facilities at Fort Peck.
- Western-UGP's annual revenue requirement is recovered under the SPP Tariff, Attachment AS:
 - “Schedule 3 – Western Interconnection, Regulation and Frequency Response Service – Western Interconnection”
- See Western-UGP's Rate Schedule for Regulation and Frequency Response Service – WAUW for additional information.



Regulation & Frequency Response Service Rate (WAUW)

Western-UGP Regulation & Frequency Response Service	2017 ATRR \$
Corps Fixed Charge Rate	18.626%
Corps Generation Net Plant Costs (\$)	453,567,223
Capacity Used for Regulation (kW-yr)	8,861
Total Regulation Revenue Requirement (including true-up) (\$)	\$ 301,656



Operating Reserves Service – Spinning and Supplemental (WAUW)

- Western-UGP provides service in the WAUW as the BA.
- Will substitute the reserve requirement of the reserve sharing group under which Western-UGP is currently a member for its transmission system in the Western Interconnection.
- Western-UGP’s annual revenue requirement is recovered under the SPP Tariff, Attachment AS:
 - “Schedule 5 – Western Interconnection, Operating Reserve – Spinning Reserve Service – Western Interconnection”
 - “Schedule 6 – Western Interconnection, Operating Reserve – Supplemental Reserve Service – Western Interconnection”



Operating Reserves Service – Spinning and Supplemental Rate (WAUW)

Western-UGP Operating Reserves Service – Spinning & Supplemental	FY 2017 ATRR (proposed SPP)
Corps Fixed Charge Rate	18.626%
Corps Generation Net Plant Costs (\$)	453,567,223
Plant Capacity (kW)	2,500,000
Western’s Max Load in WAUW Control Area (kW)	151,000
Max Generation in WAUW Control Area (kW)	97,500
Capacity used for Reserves (kW)	7,455
Annual Reserves Revenue Requirement (including any true-up) (\$)	\$ 257,621



Operating Reserves Service – Spinning and Supplemental (cont'd)

- Western-UGP has no long-term reserves available beyond its own internal requirements.
- At SPP's request, and if it is capable of doing so, Western-UGP will acquire needed resources and pass the costs on to the SPP Transmission Customer.
- In the event that Reserve Services are called upon, Western-UGP will assess a charge for energy used at the prevailing market energy rate in the WAUW based upon Western-UGP's Rate Schedules for Operating Reserve – Spinning Reserve Service – WAUW and Operating Reserve – Supplemental Reserve Service – WAUW
- See Western-UGP Rates Summary/Notices postings on OASIS for information.



Energy Imbalance Service (WAUW)

- Western-UGP's charges for Energy Imbalance Service are recovered under the SPP Tariff, Attachment AS :
 - “Schedule 4 – Western Interconnection, Energy Imbalance Service – Western Interconnection”
- Charges based upon Western-UGP's Rate Schedule for Energy Imbalance Service – WAUW
- See Western-UGP Rates Summary/Notices postings on OASIS for information.



Energy Imbalance Service (WAUW) – (Financial Basis – *when implemented*)

Per Rate Schedule:

Three deviation bandwidths – applied hourly to any energy imbalance as a result of Transmission Customer’s scheduled transaction(s) -

- 1. Deviations within $\pm 1.5\%$ (minimum 2 MW)** will be netted on a monthly basis and settled financially at the end of the month at 100% of the average incremental cost for the month.



Energy Imbalance Service (cont'd)

- 2. Deviations greater than $\pm 1.5\%$ up to 7.5% (greater than 2 MW up to 10 MW) will be settled financially at the end of the month at:**
- 110% of incremental cost when energy taken in a schedule hour is greater than energy scheduled; and
 - 90% of incremental cost when energy taken in a schedule hour is less than the scheduled amount.



Energy Imbalance Service (cont'd)

- 3. Deviations greater than $\pm 7.5\%$ (or 10 MW) will be settled financially at the end of the month at:**
- 125% of the highest incremental cost that occurs that day when energy taken in a schedule hour that is greater than energy scheduled; or
 - 75% of the lowest incremental cost that occurs that day when energy taken is less than the scheduled amount.



Energy Imbalance Service (cont'd)

Incremental Cost -

- Western-UGP's incremental cost will be based upon a representative hourly energy index or combination of indexes.
- Index will be posted on OASIS prior to use.
- Will not be changed more often than once per year (unless Western-UGP determines existing index is no longer a reliable price index).



Generator Imbalance Service (WAUW)

- Western-UGP's charges for Generator Imbalance Service are recovered under the SPP Tariff, Attachment AS :
 - "Schedule 9 – Western Interconnection, Generator Imbalance Service – Western Interconnection"
- Charges based upon Western-UGP's Rate Schedule for Generator Imbalance Service – WAUW
- See Western-UGP Rates Summary/Notices postings on OASIS for information.



Generator Imbalance Service - (WAUW) (Financial Basis – *when implemented*)

Per Rate Schedule:

Three deviation bandwidths – applied hourly to any energy imbalance as a result of Transmission Customer’s scheduled transaction(s).

- 1. Deviations within $\pm 1.5\%$ (minimum 2 MW)** will be netted on a monthly basis and settled financially at the end of the month at 100% of the average incremental cost for the month.



Generator Imbalance Service (cont'd)

- 2. Deviations greater than $\pm 1.5\%$ up to 7.5% (greater than 2 MW up to 10 MW) will be settled financially at the end of the month at:**
- 110% of incremental cost when energy taken in a schedule hour is greater than energy scheduled; and
 - 90% of incremental cost when energy taken in a schedule hour is less than the scheduled amount.



Generator Imbalance Service (cont'd)

- 3. Deviations greater than $\pm 7.5\%$ (or 10 MW) will be settled financially at the end of the month at:**
- 125% of the highest incremental cost that occurs that day when energy taken in a schedule hour that is greater than energy scheduled; or
 - 75% of the lowest incremental cost that occurs that day when energy taken is less than the scheduled amount.

Exception: Intermittent resources will be exempt from this deviation band and will pay the deviation band charges for all deviations greater than the larger of 1.5% or 2 MW.



Generator Imbalance Service (cont'd)

Incremental Cost:

- Western-UGP's incremental cost - based upon representative hourly energy index or combination of indexes.
- Index posted on OASIS prior to use.
- Will not be changed more often than once per year (unless Western-UGP determines existing index is no longer a reliable price index).



Generator Imbalance Service (cont'd)

- Per Rate Schedule, the SPP Transmission Customer will incur a charge for either *hourly generator imbalances* or *hourly energy imbalances for imbalances occurring within the same hour*, but not both, unless the imbalances aggravate rather than offset each other.



More Information

Western-UGP OASIS Home Page

<http://www.oasis.oati.com/wapa/index.html>

SPP Member Related Posting Page

<http://sppoasis.spp.org/documents/SWPP/MemberRelatedPostings/MemberRelatedPostings.asp>

UGP Rates Information

<https://www.wapa.gov/regions/UGP/rates/Pages/rates.aspx>

Lloyd Linke (605) 882-7500 - lloyd@wapa.gov

Steve Sanders (406) 255-2840 - sanders@wapa.gov

Linda Cady-Hoffman (406) 255-2920 - cady@wapa.gov



Comment Addresses

Please send written comments by email to UGPTRates@wapa.gov or to the address below:

Rates Manager
Upper Great Plains Region, Western Area Power
Administration
2900 4th Ave North, Billings, MT 59101-1266
Fax: (406) 255-2900

Comments must be received by
November 18, 2016.

