## 2018 Transmission, Ancillary and Control Area Service Rate Summary
### Effective October 1, 2017

### Transmission Rates

<table>
<thead>
<tr>
<th></th>
<th>Formula Power Transmission</th>
<th>Rate</th>
<th>Short Distance Discount Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FPT-18.1 and FPT-18.3&lt;sup&gt;1&lt;/sup&gt;</td>
<td>[see rate schedule]</td>
<td>[see rate schedule]</td>
</tr>
<tr>
<td>2</td>
<td>IR-18 Integration of Resources&lt;sup&gt;1/3&lt;/sup&gt;</td>
<td>$1.793/kW/mo + GSR Rate</td>
<td>[see rate schedule]</td>
</tr>
<tr>
<td>3</td>
<td>NT-18 Network Integration&lt;sup&gt;2/3&lt;/sup&gt;</td>
<td>$1.727/kW/mo</td>
<td>[see rate schedule]</td>
</tr>
<tr>
<td>4</td>
<td>PTP-18 Point-To-Point&lt;sup&gt;2/3&lt;/sup&gt;</td>
<td>$1.471/kW/mo</td>
<td>[see rate schedule]</td>
</tr>
<tr>
<td>5</td>
<td>IS-18 Southern Intertie&lt;sup&gt;2/3&lt;/sup&gt;</td>
<td>$1.038/kW/mo</td>
<td>[see rate schedule]</td>
</tr>
<tr>
<td>6</td>
<td>IM-18 Montana Intertie Rate&lt;sup&gt;2/3&lt;/sup&gt;</td>
<td>$0.509/kW/mo</td>
<td>[see rate schedule]</td>
</tr>
</tbody>
</table>

### Ancillary and Control Area Services Rates (ACS-18)

<table>
<thead>
<tr>
<th></th>
<th>Scheduling, System Control and Dispatch&lt;sup&gt;2/3&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>For NT customers</td>
</tr>
<tr>
<td></td>
<td>For PTP customers</td>
</tr>
</tbody>
</table>
9. Short-Term (firm and non-firm PTP)
   - Monthly, Weekly, Daily
     - Days 1 through 5 \( $0.015 \text{/kW/day} \)
     - Days 6 and beyond \( $0.011 \text{/kW/day} \)
   - Hourly \( 0.93 \text{ mills/kWh} \)

10. Reactive Supply and Voltage Control From \(^{2/3}\) Generation Sources Service (GSR)
    Formula rate determined quarterly [see rate schedule]

11. Regulation and Frequency Response Service
    0.13 mills/kWh

12. Energy Imbalance Service
    [see rate schedule]

13. Operating Reserve – Spinning Reserve Service
    - Spinning \( 11.98 \text{ mills/kWh} \)
    - Spinning Default \( 13.78 \text{ mills/kWh} \)
    Energy Delivered [see rate schedule]

14. Operating Reserve – Supplemental Reserve Service
    - Supplemental \( 9.92 \text{ mills/kWh} \)
    - Supplemental Default \( 11.41 \text{ mills/kWh} \)
    Energy Delivered [see rate schedule]

15. Generation Imbalance Service
    [see rate schedule]

16. Variable Energy Resource Balancing Service
    Variable Energy Resource Balancing Service For Wind Resources

    30/60 Committed Scheduling
    - Regulating Reserves \( $0.13 \text{/kW/mo} \)
    - Following Reserves \( $0.42 \text{/kW/mo} \)
    - Imbalance Reserves \( $0.46 \text{/kW/mo} \)
    - Total \( $1.01 \text{/kW/mo} \)

    40/15 Committed Scheduling
    - Regulating Reserves \( \text{N/A} \)
    - Following Reserves \( \text{N/A} \)
    - Imbalance Reserves \( \text{N/A} \)
    - Total \( \text{N/A} \)

    30/30 Committed Scheduling
    - Regulating Reserves \( \text{N/A} \)
    - Following Reserves \( \text{N/A} \)
    - Imbalance Reserves \( \text{N/A} \)
    - Total \( \text{N/A} \)

    30/15 Committed Scheduling
    - Regulating Reserves \( $0.13 \text{/kW/mo} \)
    - Following Reserves \( $0.42 \text{/kW/mo} \)
    - Imbalance Reserves \( $0.16 \text{/kW/mo} \)
    - Total \( $0.71 \text{/kW/mo} \)
### Uncommitted Scheduling
- Regulating Reserves: $0.13 /kW/mo
- Following Reserves: $0.42 /kW/mo
- Imbalance Reserves: $0.67 /kW/mo
- Total: $1.22 /kW/mo

Customer Supplied Generation Imbalance: $0.49 /kW/mo

### Variable Energy Resource Balancing Service For Solar Resources
- 30/15 Committed Scheduling: $0.21 /kW/mo
- Hourly Scheduling: $0.28 /kW/mo
- Supplemental Service: [see rate schedule]
- Full Service: [see rate schedule]

### Dispatchable Energy Resource Balancing Service
- Incremental Reserves: 20.42 mills/kW max hrly deviation
- Decremental Reserves: 3.43 mills/kW max hrly deviation

### General Rate Schedule Provisions

#### 18. Utility Delivery Charge
- $1.283 /kW/mo

**Note:** For Transmission Rates, see Section II for adjustments, charges, and special rate provisions.

1/ FPT and IR services/rates include the two required Ancillary Services—Scheduling, System Control and Dispatch, and Reactive Supply and Voltage Control from Generation Sources (GSR).
   - The IR-18 rate and FPT-18.1 charges adjust quarterly for changes in the Reactive Supply and Voltage Control from Generation Sources (GSR) rate.

2/ Transmission customers purchasing Open Access Transmission Tariff service are required to purchase from BPA Transmission Services the Ancillary Services of: 1) Scheduling, System Control and Dispatch and 2) Reactive Supply and Voltage Control from Generation Sources (GSR).

3/ PTP Transmission Service (PTP, IS, and IM rate schedules)
   - Long-Term Service is one year or greater, reserved in annual increments.
   - Short-Term Service is less than one year. For any reservation of short-term service, the "Days 1 through 5" rate shown above will be applied to the first 5 days of the reservation, while the "Day 6 and beyond" rate will be applied to the remaining days of the reservation.
   - Charges for the 2 required Ancillary Services are applied in the same manner.