Montana Renewable Resource Development Action Plan  
Operations Committee Initial Discussion  
February 12, 2018  
Time: 9:00am – 4:00pm  
Location: NorthWestern Energy, Bozeman Division Large Conference Room 121 East Griffin Drive Bozeman, MT  
Phone Bridge: 503-230-4000 or 866-340-4886  
P-Code: 337015697

Introduction Overview  
9:00am – 9:15am  
- Committee members introductions  
- Remarks from Vickie VanZandt  
- Timeline Calendar  
- Deliverables

1. Current Transmission Availability  
9:15am – 10:00am  
   a. Westbound  
      i. Existing ATC – TP, POR/POD, capacity, costs/rates, timing  
      ii. Firm Colstrip retirements – TP, POR/POD, capacity, costs/rates, timing  
      iii. Firm Upgrades – TP, POR/POD, capacity, costs/rates, timing  
   b. Northbound/Southbound/Eastbound?  
      i. Firm ATC – TP, POR/POD, capacity, costs/rates, timing  
      ii. Firm Upgrades – TP, POR/POD, capacity, costs/rates, timing  
   c. Dynamic Transfer Capability – BPA/NWE

2. Ancillary Services  
10:00am – 11:00am  
   a. Willingness of BAAs to provide integration services – NWE, BPA, Sink BAs  
   b. Flexible Capacity Needs/studies  
   c. Available Flexible Capacity- NWE, BPA, Sink BAs, Self-Supply  
   d. Cost Considerations/Type  
   e. Technical issues  
      i. Regulating Reserves  
      ii. Contingency Reserves  
      iii. Frequency Responsive Reserves

Break  
11:00am – 11:10am
3. Generation Loss Impacts
   a. Inertia
   b. Voltage Support
   c. Frequency Response
   d. Load Following
   e. Dynamic Transfer Capacity

**Lunch**
12:00pm – 1:00pm

4. Generation Interconnection Process
   i. NWE
   ii. Other BAs

**Break**
1:30pm – 1:40pm

5. Integration
   f. Diversity Benefits – MT/WA/OR Wind Diversity
      i. Impacts on Integration
      ii. Studies?

6. Dynamics Transfer Capacity Increase
   g. Technical issues/studies – Operations Committee

7. Next Steps/Recap
   3:00pm – 3:30pm

8. Future Meeting Schedules/Overall Schedule
   3:30 – 3:45