1. Welcome, Call to Order, Introductions
Carla Holly, Generator Operator Work Group (GOWG) Chair, called the meeting to order at 8:06 a.m., on February 12, 2019. A quorum was present for the conducting of business. A list of attendees is attached as Exhibit A. Ms. Holly asked attendees to introduce themselves.

2. Review WECC Antitrust Policy
Scott Erwin, Reliability Specialist, read aloud the WECC Antitrust Policy statement. A link to the posted policy was provided in the meeting agenda.

3. Approve Agenda
Rachel Smith, Administrative Assistant, introduced the proposed meeting agenda.

On a motion by Glen Farmer, the GOWG approved the agenda.

4. Review and Approve Previous Meeting Minutes
Ms. Smith introduced the minutes from the December 6, 2018, meeting.

On a motion by Glen Farmer, the GOWG approved the December 6, 2018, minutes.

5. Review of Previous Action Items
Ms. Smith reviewed action items carried over from the December 6, 2018, meeting of the GOWG. Action items that are not closed and will be carried forward can be found here.

6. NERC Standards Update
Dave Lemmons, EthosEnergy Group, Power Plant Services (EEG), presented an update on BAL-003 including applicability to generators and a possible upcoming workshop.

Ms. Holly presented an update on the MOD-025 Reliability Guideline.

Michael Goggin, American Wind Energy Association (AWEA), presented an update on the PRC-019 – SAR, the PRC-024-2 – SAR, and North American Electric Reliability Corporation’s (NERC) reliability assessment.

The presentation is posted to the WECC website.

7. OC 2019 Work Plan
Ms. Holly presented an update on the Operating Committee (OC) 2019 Work Plan.
The presentation is posted to the WECC website.

8. **Generator Operator Training**
Ms. Holly reviewed the 2019 GOWG deliverables and work group goals. Ms. Holly also reviewed PRC-001 and PER-006, and PER-006 guidelines.

Glen Farmer, Avista, presented Avista’s process and preparation for new standards. Mr. Farmer reviewed the overall view of Avista’s process, standards in development, an individual action plan, plan and assignments, reviews and approvals, milestones, and business requirements and impacts.

Rob Robertson, Leeward, presented Leeward’s generator operator training process. Mr. Robertson reviewed PRC-001 R1 perspectives, system protection coordination, PRC-001 R1 evidence and previous audit experiences, and PER-006 specific training for personnel.

Ms. Holly presented BP Wind’s generator operator training process. Ms. Holly reviewed generator operator definitions, progression of PRC-001 related training, and current PRC-001 training.

The presentation is posted to the WECC website.

9. **GADS Update**
Hobie Willis, GIS Analyst, presented an update on the generating availability data set (GADS). The GOWG discussed the GADS data reporting instructions, cause codes, and reporting. Mr. Willis reviewed future WECC region specific analysis and essential analytics.

10. **EIM Update**
Chris Nebrigich, Idaho Power Company (IPCO), reviewed his experience with IPCO and the energy imbalance market (EIM). Mr. Nebrigich reported on difficulties with data collecting, startup and maintenance costs, and timing, as well as the economic benefits.

11. **EPAS Update**
Mr. Erwin presented an update on recent activities of the Event and Performance Analysis Subcommittee (EPAS) including the three-year work plan, WICF and the event analysis process, and PER-006.

12. **Winter Generator Preparation Report**
Ms. Holly presented the Winter Generator Preparation Report. Ms. Holly reviewed 2019 GOWG deliverables, and BP Wind’s weatherization process. Mr. Farmer discussed Avista’s approach to winter readiness with the use of checklists and ensuring vehicles and buildings are stocked with extra supplies.

The presentation is posted to the WECC website.

Scott Winner, Bonneville Power Administration (BPA), gave a presentation on winter operations from the hydro perspective, limited capacity operations, the Federal Columbia River Power System (FCPRS), the interconnected hydro system, hydrology and generators, the Enbridge pipeline, and high generation.

The presentation is posted to the WECC website.

13. MOD-032 Guideline Report
Ms. Holly presented the MOD-032 Guideline Report, 2019 GOWG deliverables, noted discrepancies, and the MOD-032 reliability guideline.

The presentation is posted to the WECC website.

Kent Bolton, Senior Engineer, discussed the scope of operations and planning for WECC base cases.

14. Public Comment
No comments were received.

15. Review of New Action Items

- Draft a proposal for the whitepaper task force and send to Carla and Scott for approval.
  - Assigned To: Glen Farmer
  - Due Date: April 30, 2019
- Distribute solicitation for team membership to the GOWG and WECC weekly update.
  - Assigned To: Rachel Smith
  - Due Date: April 30, 2019
- Draft the whitepaper for PER-006.
  - Assigned To: GOWG members
  - Due Date: April 30, 2019
- Draft the whitepaper for Winterization.
  - Assigned To: GOWG members
  - Due Date: April 30, 2019
16. **Upcoming Meetings**
   
   April 30, 2019 .......................................................... Salt Lake City, UT
   
   August 20, 2019 .......................................................... Salt Lake City, UT
   
17. **Adjourn**
   
   Ms. Holly adjoumed the meeting without objection at 1:57 p.m.
Exhibit A: Attendance List

Members in Attendance

Taylor Allred ............................................................................... sPower Services, LLC
Glen Farmer ................................................................................ Avista Corporation
Carla Holly .................................................................................. BP Energy Company
Marty Hostler ............................................................................... Northern California Power Agency
Erin Kester .................................................................................. Avangrid Renewables
David Lemmons .......................................................................... EthosEnergy Group, Power Plant Services
Mark Robinson ........................................................................... AES Corporation
Dennis Sismaet ........................................................................... Northern California Power Agency
Scott Winner ................................................................................ Bonneville Power Administration

Members not in Attendance

Mary Anderson ........................................................................... BP Energy Company
Thomas Bagnell .......................................................................... Puget Sound Energy, Inc.
Miguel Bojorquez ....................................................................... Midway Sunset Cogeneration Company
Ralph Bushman ........................................................................... Tucson Electric Power
Lori Cral ....................................................................................... BP Energy Company
Ken Finicle .................................................................................. Puget Sound Energy, Inc.
Mike Gabriel .............................................................................. EthosEnergy Group, Power Plant Services
Kara Gunn .................................................................................. MIC Global Services
John Hutson ................................................................................ Orange Grove Energy
Richard Jackson ........................................................................ US Bureau of Reclamation
Jeff Johnson ................................................................................ San Diego Gas & Electric
Joe Lapeyre ............................................................................... USACE - Portland District
Ed Lewis ...................................................................................... Los Angeles Department of Water and Power
Caitlin Liotiris .............................................................................. Energy Strategies
Seth Olson .................................................................................... Chevron
Lucas Root .................................................................................. sPower Services, LLC
Don Treinen .......................................................... Los Angeles Department of Water and Power
Jane Watkins......................................................................................... NRG Energy, Inc.
Joel White.................................................................................................. Chevron
Ron Yuen.............................................................................................. Northern California Power Agency

Others in Attendance
Kent Bolton.............................................................................................. WECC
Scott Erwin.............................................................................................. WECC
Michael Goggin .................................................................................. American Wind Energy Association
Ryan Harrison ...................................................................................... Grid Subject Matter Experts
Chris Nebrigich .................................................................................. Idaho Power Company
Toni Orth............................................................................................... US Bureau of Reclamation
Rachel Smith.......................................................................................... WECC
Tim Van Blaricom ............................................................................... Grid Subject Matter Experts
Greg Vassallo....................................................................................... Bonneville Power Administration
Hobie Willis.............................................................................................. WECC