

Antitrust Compliance Statement for Meetings and Activities of Committees and Subcommittees Under the Northwest Power Pool Agreement

The purpose of meetings and other activities carried out by committees and subcommittees of NWPP Participants (those parties that have signed the Northwest Power Pool Agreement) is to promote cooperation among NWPP Participants to achieve reliable operation, coordinate power system planning, and assist in planning of transmission within the Northwest Interconnected Area (as provided in Article I of the Northwest Power Pool Agreement). It is the policy of the NWPP Participants that no one attending meetings or other activities of committees or subcommittees constituted under the Northwest Power Pool Agreement will discuss prices; pricing policies; terms or conditions of the sale or distribution of products; volume of production or productions quotas; allocation of territories or customers; boycotts of particular firms or products; or any other matter that might be considered a restraint on competition of any kind. Anyone attending a meeting or other activity of a committee and subcommittee constituted under the Northwest Power Pool Agreement that may be concerned about the propriety of any subject matter slated for discussion should consult its own counsel.

Minutes or notes of each meeting of any committee or subcommittee constituted under the Northwest Power Pool Agreement will be recorded and maintained in accordance with reasonable policies or practices adopted by each committee or subcommittee.



AFTER THE FACT & SYSTEM SCHEDULERS MEETING October 20-21, 2015

Embassy Suites Portland - Downtown

319 SW Pine Street, Portland, Oregon 97204

Proposed Agenda

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| 1. | Welcome and Arrangements | ChaRee DiFabio, NWPP |
| 2. | WECC ISAS Update | Andy Meyers, BPA |
| 3. | ATF Tag Issues & ATF E-Tagging Guideline | Sheryl Welch, BPA |
| | Introductions & Break | |
| 4. | MC Initiative – Status Update | Roger Bentz, BPA |
| 5. | Dynamic Transfers and Pseudo Tie Tags | Bud Freeman, SCL |

6. WIT Interchange Authority Back-up

Evening Reception - 5:00 p.m. to 7:30 p.m

Oct. 21

1. Welcome Back ChaRee DiFabio, NWPP

Lou Miranda, BPA

2. BAL-002-WECC-2 – Status Update Jerry Rust, NWPP

3. Summer 2015 Water Conditions Karl Kanbergs, USACE

- Impacts to operations 2015
- Impacts in 2016
- El-Nino impacts this year and next

Break

4. Game ChaRee DiFabio, NWPP

5. CAISO/PAC/NVE Energy Imbalance Market Update

John Schaffroth, PAC

6. **Solar Energy** Jay Campbell, NVE

- Industry impacts
- Implications to grid

Closing & Door Prizes



Presenter Biographies – After-the-Fact Meetings & System Schedulers

October 20-21, 2015 - Portland, OR

WECC ISAS Update

Andy Meyer is a native Oregonian and has been at the Bonneville Power Administration since fall of 2000 when he started as a student intern. He currently supervises the Power Services Preschedule group and is the WECC ISAS Chair.

ATF Tag Issues & ATF E-Tagging Guideline

Sheryl Welch began her career with the Government in 1977. In 1987, she transferred from the Treasury Department to Bonneville Power Administration. She has held several positions from Secretary, Accounting Technician, Office Manager in Boise, ID, to Public Utilities Specialist (After-the-Fact Scheduler). She has been working in After-the-Fact since 2001. When she is not working, she enjoys sewing and helping her husband cater different events

MC Initiative - Status Update

Roger Bentz has been at Bonneville Power Administration for 29 years working in the areas of business systems development, capital program management, project management, policy development, OATT implementation, and managing the group responsible for Transmission Commercial Systems development and implementation. He currently is a Sr. Strategist in BPA's Corporate Strategy office working on the NWPP Market Assessment and Coordination Committee initiatives and led the NWPP MC regional team that drafted the SCED market design and is currently leading the MC's Implementation Team. Roger is a Certified Project Manager and has a BS degree in Chemical Engineering from South Dakota School of Mines and Technology.

Dynamic Transfers and Pseudo Tie Tags

Bud Freeman joined Seattle City Light in 1999. Prior to SCL Bud worked at Puget Sound Energy in Bellevue and Pacific Gas and Electric in San Francisco. Bud earned a Bachelor of Science in Mechanical Engineering from the University of California, is a licensed Professional Engineer in Washington State and holds a NERC Balancing and Interchange Operator Certification. He is the incoming WECC ISAS Chair.

WIT Interchange Authority Back-up

Lou Miranda has been with BPA for over 20 years and has worked in both Power and Transmission Scheduling for over a decade. A graduate of Portland State University, Lou is a native of the Pacific Northwest.



Presenter Biographies Continued...

WECC Standard BAL-002-WECC-2

Jerry D. Rust joined the Northwest Power Pool January 1, 2001 as President. For the majority of 2000, Jerry consulted on power issues for several software companies. Prior to that, he worked at PacifiCorp for 23 years, where he served as managing director of PacifiCorp's revenue organization and managing director of the transmission systems group. Jerry joined PacifiCorp in 1977 as an engineer and held positions in power resources, financial analysis, field operations, customer service, sales support and national sales.

Mr. Rust was graduated from the University of Wyoming with a degree in electrical engineering. He has furthered his education with numerous courses from various schools (University of Washington, Washington State University, Colorado School of Mines, and others). Jerry is one of the Western Electricity Coordinating Council's North American Electric Reliability Council Operating Committee Representatives.

Summer 2015 Water Conditions

Karl Kanbergs has been with The Corps of Engineers Northwestern Division Water Management for 15 years and has worked during that time as a reservoir regulation expert within the Reservoir Control Center. Karl is current the team lead for the Reservoir Regulation section and manages the day-to-day operation of reservoirs in the Columbia River basin.

Solar Energy

Jay Campbell joined NV Energy in 1985 and is currently Supervisor, Network Operations and Applications. The group provides support for transmission and balancing operations through path rating studies, studies necessary for outage coordination, transmission operator training and procedures in compliance with the NERC standards. Jay has been in that position for two years. Previously, Jay was a Staff Engineer in the NV Energy Electric System Control Center, providing engineering support for transmission and balancing area operations for approximately 16 years. At NV Energy, Jay has also been in Protection and Control Engineering and a field engineer. Jay has also been at Omaha Public Power District and Stanley Consultants, involved in substation, transmission and distribution line design.

Mr. Campbell was graduated from South Dakota State University, class of 1979, with a Bachelor Science, Electrical Engineering. He is a registered Professional Engineer in Nebraska, an IEEE member and a NERC certified System Operator Reliability.

CAISO/PAC/NVE Energy Imbalance Market Update

John Schaffroth has been at PacifiCorp for 13 years. He started on the Balance & Interchange Desk where he worked for about five years, moved to the Transmission Preschedule group for two years, supervised the B&I desk for about three years until he was reassigned to the EIM Implementation team. He currently supervises the EIM Desk in PacifiCorp's Grid Operations. He has a Bachelor of Science in Psychology from the University of Oregon and a Bachelor of Science in Economics from Portland State University. He has a wife and two kids and currently resides in Vancouver, WA.



NWPP Meeting MC

ChaRee DiFabio joined the joined the Northwest Power Pool in July 2000. She is currently the Reserve Sharing Group Committee Manager and oversees all related activities as well as the program. Also, she provides support to the NWPP Operating Committee (OC), NWPP Training, various subcommittees and work groups through coordination, meeting facilitation, and informational reporting on behalf of the membership to the internal companies and other organizations such as WECC and NERC.

Prior to working for the NWPP she worked for Idaho Power Company for 5 years at the Boise Bench Substation where she worked with the System Dispatch, After-the-Fact, and the System Scheduling groups.

PARKING AT EMBASSY SUITES PORTLAND – DOWNTOWN 503-279-9000

The Embassy Suites self parking garage entrance is located on SW 4th Avenue in between Oak and Pine Streets.

Self Parking Rates:

- \$5 for day parking with a validation ticket. Please obtain the validation ticket from the Northwest Power Pool registration desk.
- Overnight parking in the Embassy Suites self-parking garage is \$30/night.



Valet Parking Rates:

- Available at the front entrance to the hotel on Pine Street
- Day rates are \$7 per hour with a \$37 maximum per day.
- Overnight valet parking is \$37 per night.