



AFTER THE FACT & SYSTEM SCHEDULERS MEETING October 22nd & 23rd, 2019 1pm-5pm, 8am-12pm respectively Location: Embassy Suites by Hilton, Portland Downtown

319 SW Pine Street Portland, OR 97024

Oct. 22:

1pm

- Welcome and Arrangements
- Introductions
- Multiple RCs and ATF Coordination

Rose Statler, WAPA

- History of Real-Time Trading

Demetrios Fotiou, Powerex

- Break & Refreshments
- Group Activity (Optional)

- BPA: EIM

Russ Mantifel, BPA

- **NWPP Corporate Overview**

Frank Afranji, NWPP Pres.

5:00pm

- Reception (appetizers & cash refreshments)

Oct. 23:

7am

- Breakfast

8am

- New Introductions
- Northwest Natural Gas: Enbridge Pipeline Rupture Impacts Scott Johnson, NW Natural
- Renewable Technology & Storage

Jason Yedinak, Doosan GridTech

- Break & Refreshments
- Avangrid: Year One

Kevin Dickey, Avangrid

- NWPP Projects and Resources

Keith Schreiner, NWPP

- Farewells



Presenter Biographies – After-the-Fact & System Schedulers Meetings October 22-23, 2019 – Portland, OR

Multiple RCs and ATF Coordination

Rose Statler has over 20 years of power utility experience working in prescheduling and after-the-fact accounting and settlements. Rose is currently on her second term of being the WECC MIC ISAS After the Fact Accounting Workgroup Chair. Her first term was back in 2005-2008 (2 ½ years) during which time, NERC had transitioned to CERTS for inadvertent reporting and WECC had transitioned to the WIT tool. She loves her family, exploring and being active and recently found a new love of weight lifting to relieve the stresses of life.

History of Real-Time Trading

Demetrios Fotiou holds a Bachelor of Applied Science degree in Civil Engineering specializing in Hydraulic and hydrologic engineering from the University of British Columbia and a Masters of Applied Science degree in Environmental and Municipal Engineering also from the University of British Columbia. Demetrios has worked in the energy industry for 30 years, including 24 in electricity trading. He is currently Director of Power at Powerex, with one of his responsibilities being managing the Realtime Trading group. He was the original Realtime manager and still the only Realtime manager in Powerex' history. Demetrios has taken an active role historically in the industry being heavily involved in many industry workgroups. He is happily married with 2 teenage children, and uses most of his spare time watching them compete in soccer and volleyball.



BPA: EIM

Russell Mantifel is the Lead for EIM Policy at Bonneville Power Administration, and is responsible for the evaluation of key policy issues related to EIM Implementation, including those regarding the scheduling and use of BPA transmission. Russell has worked with PNW EIM Entities that use BPA's transmission, or shared paths which BPA operates, for their own EIM participation. This work includes the development and execution of the Coordinated Transmission Agreement between BPA and the CAISO. Prior to BPA Russell worked at Portland General Electric on FERC and NERC compliance and regulatory issues.

NWPP: New Members Summary / Corporate Overview

Frank Afranji is President of the Northwest Power Pool where he is responsible for the management and coordination of various programs and services provided by the Power Pool. These include facilitation and coordination of reserve and frequency response sharing, response strategy, transmission planning, system coordination management, operational training services and additional serves to members and third parties through separate, customized contracts.

Prior to joining NWPP Afranji served as Director of Transmission and Reliability Services for Portland General Electric where he was responsible for various aspects of the gas and electric transmission system including capacity sales, contract administration, transmission scheduling, high voltage regional transmission planning, industry restructuring and Balancing Area activities. Afranji served on and chaired a variety of WECC and NERC committees.

Afranji earned Bachelor and Master degrees in engineering at Southern Illinois University at Carbondale, Illinois and Master of Business Administration from Portland State University. Afranji has considerable community involvement and has received recognition from many organizations including the Harold Schnitzler "Spirit of Unity" in 2009; The 1995 World Affairs Council of Oregon R. Willard deWeese Award for International Community Service; 1994 Ecumenical Ministries Louis Hunderup Award; 1993 Stephen Wise Humanitarian Award; 1990 Oregon Peace Institute Award.



Northwest Natural Gas: Enbridge Pipeline Rupture Impacts

Scott Johnson works at NW Natural as Assistant Director of Gas Supply. He manages the gas acquisition and scheduling team which handles the physical gas purchases and financial derivatives for the company. Scott also works with regulatory bodies, upstream pipelines, NW Natural's optimization partner, and gas reserves joint venture partner. Scott comes from an accounting background and started his career auditing energy companies with Moss Adams and has worked in financial reporting, and gas and regulatory accounting at NW Natural. Scott lives in Washougal with his wife and four children where they love everything outdoors.

New Renewable Technology & Storage

Jason Yedinak is the Manager of Power Engineering at Doosan GridTech, responsible for the design, installation, and deployment of large-scale energy storage systems. He has delivered over 60MW of energy storage systems to date, all built to the Modular Energy Storage Architecture (MESA) standards and controlled by the Doosan GridTech Intelligent Controller. Mr. Yedinak has over 13 years of renewable resource integration experience.

Mr. Yedinak received his Bachelor of Science in Electrical Engineering and a Smart Grid Planning and Operation graduate specialty certificate from the University of Washington. He is a licensed Professional Engineer in Washington and Texas. He is a member of the NFPA and IEEE Power and Energy Society. In his free time, Mr. Yedinak enjoys playing soccer, mountain biking, fishing, and skiing.



Avangrid: Year One

Kevin Dickey is Managing Director, Trading Operations. He oversees the teams responsible for the physical delivery of AVANGRID's North American resources including Real-time Trading, Power Resource Scheduling, and Real-time Meteorology. He joined the company in 2005 and has over 25 years of experience in gas and power trading operations. Kevin also served as Director of Real-time Trading and Manger of Power Resource Scheduling at AVANGRID. Prior to 2005, Kevin held positions as a NERC certified System Operator and Manager of Power & Gas Scheduling at Idaho Power from 2000-2005. Kevin began his energy career in the gas business in 1994.

NWPP: Source. Training, upcoming projects, and more.

Keith Schreiner is the Lead eLearning producer at the Northwest Power Pool. He has worked in the Electric industry since 2012 with responsibilities for designing and producing eLearning courses for System Operators and leading the creative team at the NWPP. Keith participated in NERC's Train the Trainer Events in 2015,2016,2017 and is currently serving as the manager of the NWPP's Operations Training Subcommittee (OTS) where his responsibilities include but are not limited to working with the NWPP member representatives on focusing training needs and delivering training materials on a variety of subjects as well as helping chart a course for training in the NW region.

Prior to Joining the NWPP Keith was the owner operator of Auditory Sculpture Ilc from 1997-2012 where he was the lead producer for creative projects across the entertainment industry, from top 20 Billboard music artists to National advertising campaigns for companies such as Adidas, Nike, Intel, Microsoft, Autodesk, Twitter, Facebook and work in TV and Film. Keith holds a BS in Bio-Psychology and did independent research at the Dumond Conservancy for Primate Conservation where he assisted in a study on neo-tropical monkeys use of a cognitive map while foraging and a self-directed study on using Positive Reinforcement Techniques as a form of enrichment in Papio Hamadryas.