

BIOGRAPHICAL SKETCHES OF Day 1 PRESENTERS

SSG-WI Workshop on “Economic Evaluation of Transmission Expansion”

Jamie Austin

Jamie Austin is in the position of Consultant, Planning/Financial Analyst in the Strategy & Major Project Group at PacifiCorp, in Portland, Oregon. Her responsibilities include participating in the technical development of PacifiCorp's backbone transmission and resources. Jamie played a key role in planning and conducting the SSG-WI study, published in 2003, and has been a lead modeler on the RMATS sub-regional study. Most of the Jamie's involvement at PacifiCorp has been in developing long-range transmission plans, integrating generation projects, regional planning and has extensive experience in power system modeling, dynamic analysis and economic evaluation of power networks. Jamie received her BS and MS degrees in Electrical Engineering from the University of Portland.

Mike DeWolf

Mike DeWolf has been with PacifiCorp for over three years as Director, Strategic Analysis. He's been leading the modeling and analysis team for the RMATS, in addition to PacifiCorp's Multi-State Process, and RTO formation. Prior to PacifiCorp, Mike was with the Bonneville Power Administration for eight years as a manager in Financial Analysis and Regulation. Mike also worked overseas with the Dept. of Defense as a Personnel Management Specialist. He received his Masters in Public Administration as well as his bachelor's degree from Portland State University.

James Gall

James Gall came to PacifiCorp two years ago, after receiving a BA in Business Administration–Finance from Western Washington University. His position is in the Strategic Analysis Department, as a Planning/Financial Analyst, where he has used production costs models for RMATS and internal analyses.

Kurt Granat

Kurt Granat is a native of Oregon. He has a MA in Economics from Northwestern University and BS cum laude in Mathematics & Economics from Willamette University. Kurt has over 19 years of experience at PacifiCorp including Regulation & Pricing, Generation Planning, Transmission Planning, and various regional efforts. Currently Kurt is the Lead/Senior Financial Planning Consultant in the Regional Transmission Organization (RTO) Project

Douglas Larson

Doug Larson is the Executive Director of the Western Interstate Energy Board, an association of 12 western states and three western Canadian provinces¹. Members of the Board are appointed by the governor or premier. The Board has responsibility for all energy-related issues affecting the West and serves as the energy arm of the Western Governors= Association. The Board's Committee on Regional Electric Power Cooperation (CREPC) includes the regulatory, planning and facility siting agencies from the states and provinces in the Western Interconnection. .

Jeffrey C. Miller

Jeffrey Miller has more than 25 years of experience in the utility industry leading to his current position as Regional Transmission Manager at the California Independent System Operator (California ISO). In this position, Mr. Miller oversees the planning of the Southern half of the California ISO Grid and coordinates the interconnection of new generators. Mr. Miller was one of the first employees hired by the California ISO in August of 1997 and was instrumental in the start-up of this organization.

Prior to the ISO, Mr. Miller was employed by the American Electric Power Company, the Western Area Power Administration, and the Sacramento Municipal Utility District. While Mr. Miller's job responsibilities have varied widely throughout his career (from power plant maintenance to design to research), the bulk of his experience has been in the field of transmission planning. In addition to the development and implementation of numerous transmission and generation projects, Mr. Miller has been deeply involved in the development of a variety of transmission related policies at the State, regional, and continental levels. He currently Chairs the Western Electricity Coordinating Council Reliability Subcommittee, which is responsible for assessing power supply in the Western Interconnection and for developing the reliability standards used for planning new transmission facilities. Mr. Miller is also deeply involved in the planning of major new interregional transmission facilities at the regional (Seams Steering Group-Western Interconnection) and subregional levels (Southwest Transmission Expansion Plan).

Mr. Miller holds a B.S.E.E. and M.S.E.E. degree from the Ohio State University.

¹ Alberta, Arizona, British Columbia, California, Colorado, Idaho, Montana, Nebraska, Nevada, New Mexico, Oregon, Saskatchewan, Utah, Washington, and Wyoming

Dean Perry

Dean Perry is a consulting engineer in the electric utility industry, currently working primarily for Grid West. His area of responsibility with Grid West is facilitation of the activities of the Seams Steering Group – Western Interconnection (SSG-WI). Dean chairs the SSG-WI Planning WG, which performs economic transmission expansion planning studies for transmission system in the Western Interconnection. This effort is closely coordinated with the WECC, CREPC and with the Subregional Planning Groups throughout the West and encourages active stakeholder participation. Dean also facilitates the work of the SSG-WI Steering Group, currently composed of representatives from the 3 developing RTO/ISOs in the West.

Dean retired from the Bonneville Power Administration in 1997. At BPA, Dean was Director of the Transmission Planning Division for 10 years, responsible for planning the BPA transmission grid in the Pacific Northwest.

Dean has previously served as Chairman of the WECC Planning Coordination Committee and the Northwest Power Pool Transmission Planning Committee and has represented the WECC on the NERC Planning Committee. He has provided technical staff support to the WECC Market Interface Committee and currently facilitates the work of the Northwest Regional Transmission Association.

Anjali Sheffrin, PhD.

Anjali Sheffrin is Director of Market Analysis at the California Independent System Operator (CAISO). In this position she is responsible for managing market monitoring activities for California's deregulated energy markets to ensure an open and efficient market for energy and transmission services. She has testified before the Federal Energy Regulatory Commission, U.S. Congressional Committees, and the California Public Utilities Commission on market power issues. She has 24 years of managerial and technical experience in the electric utility industry working on utility deregulation, market design, strategic business plans, generation and transmission planning, load and market research. She received a Ph.D. in Economics from the University of California, Davis.

Prior to joining the CAISO, Dr. Sheffrin was Manager of the Power Systems Planning Department at the Sacramento Municipal Utility District. She directed a staff of 40 engineers, economists, and financial analysts. Dr. Sheffrin was the chief economist at SMUD through the closure of the Rancho Seco nuclear power plant and the evaluation of bids for replacement power. She started her professional career as Senior Economist in the Load Forecasting Dept. of the Potomac Electric Power Company in Washington D.C.

Mingxia Zhang, PhD.

Mingxia Zhang is Principal Economist/Transmission Planning Specialist at CAISO Market Analysis Department. She is a major contributor to the CAISO Transmission Evaluation Assessment Methodology (TEAM). This methodology sets the evaluation framework and criteria for the CAISO sponsored economic-driven transmission upgrade projects. Mingxia is the author of multiple chapters of the CAISO TEAM report filed with CPUC on June 2, 2004. Mingxia is also responsible for assisting the CAISO Grad Planning Department on reviewing and evaluating economic transmission projects submitted by PTOs.

Mingxia Zhang received a Ph.D. in Agricultural and Resource Economics from the University of California, Davis in 1997. She has over 10 years of research and working experience focused on market competition issues, market power analysis, cost/benefit analysis, and game theoretical analysis in electric industry and other industries. She joined the CAISO as Principal Economist/Market Monitoring Specialist in 2001. Prior to joining the ISO, Mingxia was Research Economist at the University of California, Davis and had published over 10 journal articles in internationally leading economic journals, including *Journal of Industrial Economics*, *Southern Economic Journal*, and *American Journal of Agricultural Economics*.