

## **TIMOTHY P. CASTILLE**

### **EXPERIENCE**

#### **Lands Energy Consulting**

2002-Present    Principal    Vancouver, WA  
Co-own a consulting company providing energy trading and risk management advisory services to large energy users such as utilities, independent power producers, and large industrials. Consulting services include asset portfolio valuation, transmission interconnection and optimization, strategic planning, training, and risk policy development. Key projects have included conducting an all-source RFP for a utility, acting as an independent observer of a utility RFP, developing a project interconnection and transmission plan for a large wind power project and ongoing consultations with investment banks and hedge funds on market and transmission issues in the WECC.

#### **PG&E National Energy Group**

2001-2002    Director of Marketing and Business Development    Portland, OR  
Established PG&E NEG as a supplier of choice for mid-market business in the Pacific Northwest. Marketed power commodity products and risk management tools including swaps and options. Developed creative solutions for meeting increased customer credit requirements. Marketed PG&E NEG's new gas-fired projects in Southern California and Arizona through tolling agreements. Worked with developers to overcome transmission interconnection problems on the BPA grid.

#### **Pinnacle West Capital Corporation**

1998-2001    Senior Power Marketer    Vancouver, WA  
Market origination with Northwest and Canadian utilities and large industrial customers. Concluded structured and commodity deals for periods of months, quarters, years and five years. Negotiated power swaps to effect transmission with operational flexibility and reduced cost. Provided technical support to a transmission dispute proceeding brought to the FERC.

#### **Bonneville Power Administration**

1996-1998    Senior Account Executive for Transmission Sales    Vancouver, WA  
Led team to establish a transmission marketing organization separate from the power merchant function in order to be in compliance with FERC Orders 888 and 889. Sales and service of accounts with marketers, public utilities, independent power producers, Californian, Canadian and investor owned utilities. Negotiated Point to Point (PTP) transmission contracts. Participated in the development of transmission business and operational practices. Developed transmission pricing/ discount desk. Member New York Mercantile Exchange (NYMEX) Delivery Committee

1994-1996    Account Executive for Power and Transmission Sales    Spokane, WA  
Sales and service of accounts with investor owned utilities in the Pacific Northwest for both power and transmission. Concluded power commodity transactions in the Pacific Northwest and California for various terms out to ten years. Negotiated an Interconnection Agreement between Bonneville and Sierra Pacific Resources for the Reno-Alturas transmission line. Negotiated Integration of Resources (IR) transmission contract. Secured alternate transmission paths for ongoing Bonneville power transactions. Negotiated modifications to General Transfer Agreements (GTA's) providing for additional service and reduced cost.

1991-1994      Electrical Engineer Bonneville

Vancouver, WA

Worked in the Power Supply Organization on operational planning of the Columbia River hydropower system. Worked with 90-day and 30-day models. Developed operational scenarios within the confines of the Pacific Northwest Coordination Agreement (PNCA) and the Columbia River Treaty with Canada to optimize BPA bulk power revenues. Used 60-year model results in technical analysis of hydropower system impacts of fish mitigation measures. Worked on the Detailed Operating Plan (DOP) and Actual Operating Plan (AOP) establishing coordinated Columbia River operations between BC Hydro, the Corps of Engineers, the Bureau of Reclamation and BPA.

**Oregon State University**

Corvallis, OR

1985-1989      Bachelor of Science degree – June 1989. Major in electrical engineering.