

## **OVERVIEW**

Andrea McLean has over five years of experience in the energy industry, primarily supporting transmission congestion and curtailment analysis, including security-constrained economic dispatch (SCED) analysis and historical data analysis using Velocity Suite™ and S&P Global databases. She currently participates in numerous projects in the Western Electricity Coordinating Council (WECC), providing a wide range of services, including research, SCED, analysis, and reporting.

## **PROJECT EXPERIENCE**

### ***Transmission Analysis Support***

Ms. McLean has been a key contributor performing a wide range of assignments such as:

- Market, generation, and transmission expansion research and database maintenance
- Resource congestion and curtailment analysis and support
- Security Constrained Economic Dispatch, nodal cost/benefit, congestion, and loss analysis support
- Transmission service, interconnection, and open-access transmission support
- Generation, energy market, transmission simulation and cost analysis
- Transmission assessment reporting support
- Analysis of historical market performance
- Analysis of historical and current binding constraints within ISOs

## **PROFESSIONAL HISTORY**

Prior to joining nFront Consulting, Ms. McLean spent five years with BP at its Cherry Point Refinery as a project manager and fixed equipment engineer. During that time, she grew her knowledge in the energy industry.

## **EDUCATIONAL AND PERSONAL**

Ms. McLean's educational background includes a B.S. in Mechanical Engineering from Colorado State University.