

## **OVERVIEW**

Riley Sloan has over eight years of experience in the energy industry specializing in information systems and industrial communications & infrastructure. He actively supports analytical processes in the Eastern Interconnect spanning MISO, NYISO, PJM, and SPP, developing reports and leveraging numerous geographic information system (GIS) and business intelligence (BI) tools in the study process.

## **PROJECT EXPERIENCE**

Mr. Sloan is a key content contributor, applying his wide skill set to a range of assignments:

- 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**

Before joining nFront Consulting, Mr. Sloan spent eight years with BP at its Cherry Point Refinery consulting on content management systems and later training and leading a team of service engineers in the infrastructure technology discipline. During that time, he managed digital applications and products with global teams and developed digital mobility strategies for plant operators in the field. He has also assisted in conducting shoreline conservation surveys and developed flare stack emissions monitoring systems in keeping with the plant's environmental commitments.

Serving dually as the communications unit lead with the bp incident management team's unified command, Mr. Sloan built communication support plans in partnership with the City of Bellingham, Whatcom County Sheriff's Office and other government agencies. He has been deployed on numerous occasions to provide aerial support to aid the BP emergency response team and the U.S. & Canadian Coast Guard during international oil spill response drills in a number of Washington State's many commercially navigable waterways.

## **EDUCATIONAL AND PERSONAL**

Mr. Sloan holds his B.A. in Decision Sciences, Management Information Systems from Western Washington University and a commercial license to pilot unmanned aerial systems, commonly referred to as drones. Mr. Sloan grew up in the greater Seattle area and often can be found with his family taking recreation in western Washington's many lakes and forests.