

**Professional Qualifications
Of
Michael Louis
Program Manager - Engineering
Idaho Public Utilities Commission**

EDUCATION

Mr. Louis received his B.S. and M.S. degrees in Industrial Engineering with concentrations in manufacturing systems and engineering economics from Purdue University in 1985 and 1992, respectively. He also received his Masters in Public Policy and Administration at Boise State University in 2005. In addition to his formal education, Mr. Louis has attended Michigan State University Institute of Public Utilities Annual Regulatory Studies Program, NARUC Utility Rate School, and Electricity Grid School.

BUSINESS EXPERIENCE

Mr. Louis is currently the Staff Engineering Program Manager over the Engineering Section at the Idaho Public Utilities Commission where he has supervised Staff and worked on a variety of cases regulating to electric, natural gas, and water utilities. His assignments and responsibilities include cases involving prudence determination of major utility investments and power supply cost, integrated resource plans, cost adjustment mechanisms, reviews of power purchase agreements and customer special contracts, demand-side management, sales of utilities and their assets, avoided cost ratemaking for PURPA, class and jurisdictional cost allocation using cost of service principles, rate design, and a variety of engineering studies involving the design and operation of public utility systems.

Mr. Louis' work experience also includes 18 years of industrial/commercial practice at General Motors, Hewlett-Packard, Jabil Circuit, and Albertsons Companies developing, managing, and improving manufacturing systems and operations, planning processes, and supply chains. He has also spent six years at Boise State University where he administrated and conducted energy policy research as the Assistant Director of the Energy Policy Institute and taught classes in program and project management in the Department of Public Policy and Administration.

Exhibit No. 102
Case Nos. AVU-E-21-01/AVU-G-21-01
M. Louis, Staff
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