

Jesse Lyon

General Experience and Qualifications

- Transmission line engineer and engineering project manager with 16 years of experience
- Experience with all aspects of transmission line projects, including project scoping, estimating, permit support, alignment development, scheduling, overhead design and modeling, foundation design, construction specifications development, construction support, and project closeout
- Leadership of engineering teams in the successful completion of transmission line projects
- Performing quality control of engineering deliverables, training and mentoring engineers, and acting as an engineering subject matter expert for internal and external stakeholders
- Proficient with several civil/structural software programs developed specifically for the design of transmission lines, including PLS-CADD Suite, MFAD, LPILE, and SAG10. Also proficient with InEight Estimate and Microsoft Office Suite, including VBA programming. Working knowledge of Global Mapper, Primavera, and AutoCAD. Familiar with national codes and standards, including NESC and RUS

Select Project Resume

- Xcel Energy – Colorado Power Pathway (Segment 2)
 - *Designed 145 mile double-circuit 345 kV transmission line*
- Xcel Energy – Airport-Rogers Lake - Minnesota
 - *Designed 3 mile 115kV line supporting very high-profile customers, including MSP and Mall of America*
- Xcel Energy – TUCO to Yoakum - Texas
 - *Designed 105 mile 345 kV transmission line*
- Swinerton – Moapa Solar 500 kV Transmission Line - Nevada
 - *Led design team for 5 mile 500kV transmission line*
- MEC – MVP3 & 4 - Iowa
 - *Managed engineering team supporting the client as owner's engineer for 345 kV transmission line project*
- ATC – Waukesha-Concord-St. Lawrence - Wisconsin
 - *Led design team for 53 mile 138kV rebuild project*
- SCE – TRTP Segment 6, 7, & 11 - California
 - *Assisted in the design of 500kV Transmission Lines*

Licensure – Professional Engineer

- Utah, Wisconsin, Minnesota, South Dakota, North Dakota, Texas, Colorado

Employment History

- Principal Transmission Engineer, Xcel Energy, Minneapolis, MN, 2018 to Present
- Senior Transmission Engineer, Xcel Energy, Minneapolis, MN, 2015 to 2018
- Project Manager, Electrical Consultants Inc., Woods Cross, UT, 2013 to 2015
- Project Engineer, Electrical Consultants Inc., Woods Cross, UT, 2012 to 2013
- Design Engineer, Electrical Consultants Inc., Woods Cross, UT, 2009 to 2012

Education

- M.S. Civil and Environmental Engineering, Brigham Young University, Provo, UT, 2009
- B.S. Civil and Environmental Engineering, Brigham Young University, Provo, UT, 2008