



Jordanelle – Midway Transmission line Purpose and Need

The Heber Valley and surrounding region have, for some time, experienced unrelenting growth in population and demand on the respective electric systems of Heber Light & Power Company and Rocky Mountain Power. To address this growth and to continue providing safe, reliable, cost effective power to customers, Heber Light & Power and Rocky Mountain Power must upgrade existing facilities and build new facilities in the Heber Valley area of Wasatch County. The project will bring capacity and reliability to Heber Light & Power's and Rocky Mountain Power's customers in Wasatch County.

To obtain these benefits, Heber Light & Power must rebuild its South 46kV transmission line for capacity and obtain a second point of interconnection to the regional transmission grid for capacity and reliability. Similarly, Rocky Mountain Power must build a 138kV transmission line between Jordanelle Substation, south of Jordanelle Reservoir, and Midway Substation, west of the Midway Cemetery and expand Midway Substation.

The 138kV transmission line when connected to Heber Light & Power Company's second point of interconnection will provide needed redundancy and capacity to serve the Heber Valley including anticipated growth. Specifically, the project will provide an alternate 138kV source to Jordanelle Substation from Utah County and an alternate 138kV source to Midway Substation from Summit County. These alternate paths will increase electrical capacity to Wasatch County and the ability to provide uninterrupted power to the Wasatch County area if an outage occurred on either the Utah County or the Summit County source. The line will strengthen service reliability and increase capacity in Heber Valley, Wasatch County, and surrounding communities.

There are significant advantages to Rocky Mountain Power and Heber Light & Power working together to build a single pole line to carry both companies' power circuits. Installing both circuits on one pole line reduces impacts to the communities and the cost to each company. Each company will own their own circuits that will be co-located on a single set of poles.

The first phase of the project was completed in 2014 and includes approximately one (1) mile of line along Utah State Road 40 from College Substation to Coyote Lane. The second phase is under construction with scheduled completion in late winter 2017 to early 2018 and includes approximately one (1) additional mile along Utah State Road 40 from Coyote Lane to approximately 950 North. The rest of the transmission line is targeted for construction from fall 2018 – fall 2019.



We request that the Planning Commission approve this application for a conditional use permit.

Sincerely,

Heber Light & Power / Rocky Mountain Power
Joint Transmission project – Wasatch County CUP
Jason Norlen, General Manger HLP
Harold Wilson, Operations Manager HLP
Ben Clegg, Project Manager RMP
Don Watts, Regional Business Manager RMP
October 2017