

Beck Street Transmission Line Project

As part of Rocky Mountain Power's commitment to provide safe, reliable and efficient energy to our customers, we will be doing a transmission line upgrade project to provide additional capacity and improve electric service reliability to meet power requirements. Construction on the project will begin in late September 2019 and will be completed in March 2020.

Project purpose and need

Rocky Mountain Power and Marathon Petroleum Corporation have a construction agreement and funding to construct a new 138 kilovolt line from 100 South and 900 West to the Beck Street Substation and from the substation to approximately 1200 North and 1200 West. This upgraded line will support the production needs of the refinery to produce fuels that will improve air quality along the Wasatch Front. The new Beck Street Substation infrastructure was installed with dual-voltage capability to allow Marathon to upgrade delivery from Rocky Mountain Power from 46,000-volt to 138,000-volt sources.

This line upgrade will add additional capacity and increase reliability for customers. State projections put Salt Lake County's population at approximately 1.7 million people by 2040, an increase of nearly 70 percent over 2010. This project will improve service for existing customers and provide capacity to serve current and future demand for electricity.

How will this impact my property?

Rocky Mountain Power thoroughly evaluated several options with Salt Lake City and identified this line route as presenting the least impact to property owners while managing construction costs. Most of the line will include a pole-for-pole replacement — with the elimination of certain poles. Some portions of the line will be removed from backyards into the public right of way across the street. Additionally, there are some locations where there is only street lighting. While this line may be visible from your property, the new line will be in the public right of way, meaning the property is owned by the city. This is the park strip between the sidewalk and curb. Additional easements, if necessary, will be secured from individual property owners.

Will trees have to be removed for this new line?

Trees directly in line with the new project will have to be removed. We know this is difficult. We don't like to remove trees where possible — however they can present a significant electrical safety and reliability concern.

- Any trees that are removed will be removed by a professional arborist.
- The land where the tree is removed will be restored to a level condition with topsoil where the tree was removed.
- A voucher of \$200 will be provided to you by Rocky Mountain Power for any tree that is removed, along with an information brochure with a list of suggested trees that are powerline-friendly.
- Vouchers for varying amounts may also be provided if a tree would benefit or preserve your view of the new line.

Tree vouchers can be requested by sending an email to vegetationmgmtpacor@pacificorp.com with Beck Street Transmission Line in the subject field. Include your name and address in the email message. Or request a tree voucher by mailing a request to Vegetation Management, 1569 West North Temple, Salt Lake City, UT 84116. Vouchers will be mailed to you and can be redeemed at most local nurseries.

Do electrical lines impact health?

All power lines in the Rocky Mountain Power system are built to meet or exceed the standards of the National Electrical Code, which is the foundation for electrical safety in residential, commercial and industrial settings. The safety of our community is the primary consideration in the design and installation of poles and wires. For more information from the National Institute of Environmental Health Sciences on electromagnetic fields, you can go to <https://www.niehs.nih.gov/health/topics/agents/emf/index.cfm>.

Project details

The new 138 kV line will improve the electrical service necessary to new emission control equipment at the refinery and other projects to produce Tier 3 gasoline fuel that will improve local air quality. The upgrade will also provide future capacity to other customers seeking to connect to the 138 kV source. This route was selected because a large percentage of the route has an existing power line, which will be replaced with the upgraded line.

- **Existing 46 kV transmission line will be modified to single-circuit 138 kV** (1200 West from 1400 North to 1200 North, then east over the railroad tracks near the refineries.) This is the blue solid line in the attached map.
- **Existing 46 kV transmission line will be modified to double-circuit 138 kV** (1000 North 600 West around to 400 West and then south to 700 North.) This is the yellow solid line in the attached map.
- **New 138 kV transmission line using existing distribution line right-of-way** (400 West from 400 North to 700 North and then west to the edge of I-15 crossing I-15 to 900 West.) This is the purple dashed line in the attached map.
- **New 138 kV transmission line will be constructed** (400 North from the east side of I-15 to 900 West and then south to South Temple.) This is the green dashed line in the attached map.

More information

For more information about this project, please visit the Rocky Mountain Power website at rockymountainpower.net/transmission and look for the **Beck Street Transmission Line Project**. You can also call us at 801-220-4221 or email us at ConstructionProjects@pacificorp.com. Please be sure to include the project name – "Beck Street Transmission Line" – in your inquiry.

