TRANSMISSION PLANT ADDITIONS:

Aeolus - Mona 500 kV Line (GW), (In-Service Date 10/15/2024) (Reference pages 8.12.2, 14.10.2))
This project builds a new 414-mile, high voltage 500 kV transmission line from the Aeolus substation, near Medicine Bow, Wyoming, to the Clover substation near Mona, Utah. The Company needs additional resources to serve load by 2024, and the Transmission Projects enable new, cost-effective Wyoming generation resources to fill this need. Specifically, these Transmission Projects allow the Company to interconnect up to approximately 1,920 MW of new resources. The Aeolus to Mona 500 kilovolt transmission line in conjunction with the Windstar to Shirley Basin 230 kilovolt transmission line will facilitate integration of 1,920 MW of Wyoming low-cost renewable energy resources with delivery to PacifiCorp customers and potential market loads, improve reliability of the transmission system by providing redundant capacity between Gateway West and Gateway Central, and relieve transmission congestion on the existing Wyoming transmission system. The Gateway South line allows transfers of up to 1,700 MW from eastern Wyoming to central Utah.

Windstar–Shirley Basin D1 230 kV (GW), (In-Service Date 12/15/2024) (Reference page 8.12.2, 14.10.2)
This project constructs a new 59--mile high-voltage 230-kilovolt transmission line from the Shirley Basin substation in southeastern Wyoming to the Windstar substation near Glenrock, Wyoming and rebuilds the existing Dave Johnston – Amasa – Difficulty – Shirley Basin 230-kilovolt transmission line, which runs approximately 57 miles from the Shirley Basin substation to the Dave Johnston substation near Glenrock, Wyoming. The project requires the construction of the new 230-kilovolt Heward substation and additions to the Shirley Basin, Dave Johnston, Windstar, and Anticline substations. The Windstar to Shirley Basin 230 kilovolt transmission line in conjunction with the Aeolus to Mona 500 kilovolt transmission line will facilitate integration of 1,920 MW of Wyoming low-cost renewable energy resources with delivery to PacifiCorp customers and potential market loads, improve reliability of the transmission system by providing redundant capacity between Gateway West and Gateway Central, and relieve transmission congestion on the existing Wyoming transmission system. The Gateway South line allows transfers of up to 1,700 MW from eastern Wyoming to central Utah.

Oquirrh - Terminal 345 kV line (GW), (In-Service Date 04/15/2024) (Reference page 8.12.2, 14.10.2)
This project constructs a new double circuit approximately 14 miles transmission line between Oquirrh substation, in West Jordan Utah, north to the Terminal substation, located south of the Salt Lake City international airport. This section of new transmission will link together other new transmission sections – Mona to Oquirrh and Populus to Terminal – to complete the Gateway Central portion of the Energy Gateway Transmission Expansion. This new transmission line addresses the need for increase transmission capacity on the Wasatch Front South transmission path. Ongoing requests to interconnect additional renewable generation resources in southern Utah have exceeded transmission capacity on the Wasatch Front South path. In addition, an enhanced contiguous north-south transmission link is needed between Populus and Mona to leverage capacity between southern Idaho and central Utah to enable commercial energy transactions and integration of new renewable resources.