

Total	497	341
Thermal/Natural Gas Generation - Online		
Total	202	195
Thermal/Coal Generation - Online		
Total	315	309
Wind Generation - Online		
Total	455	109
Solar Generation - Online		
Total	177	11
Short Term Contracts - Max		
	410	410

39. NorthWestern's proportion of generation resources that are renewable compares highly favorable to other utilities. In 2021, 56% of NorthWestern's electric generation was from carbon-free resources, which compares to about 42% generated by the U.S. electric power industry as a whole.

40. Despite the significant improvement in NorthWestern's generation capacity, including acquisitions of hydroelectric plants and wind farms, NorthWestern's resource portfolio of owned resources and long-term contracts is not yet sufficient or "reliable," as defined by regional planning organizations, including the Western Regional Adequacy Program ("WRAP"), of which NorthWestern is a founding member.

41. In periods of peak loads, NorthWestern often does not have sufficient capacity, meaning that NorthWestern must make market purchases of capacity and energy to meet customers' needs.

42. Periods of peak load are those times when customers' demand for electricity is particularly high. This tends to occur during periods of extreme weather, during the coldest winter days (below 10 degrees Fahrenheit) when more electricity is used for heating purposes and during the hottest summer days (above 90 degrees Fahrenheit) when more electricity is used