

10 LARGEST POWER PLANTS IN PENNSYLVANIA AND NUMBER OF WIND TURBINES NEEDED TO PROVIDE EQUIVALENT **SUMMER OUTPUT** OF ELECTRICITY (kWh)

Facility Name	Capacity (MW)	Owner	Fuel Type	Summer Capacity Factor	# Wind Turbines To Equal Output*	# Miles Ridgcrest Covered+
Limerick	2,276	Exelon	Nuclear	98%	9,935	1,242
Peach Bottom	2,304	Exelon	Nuclear	87%	8,910	1,114
Bruce Mansfield	2,741	Penn Power	Coal	77%	9,424	1,178
Susquehanna	2,596	PPL Corp.	Nuclear	87%	9,994	1,249
Beaver Valley	1,847	Penn Power	Nuclear	90%	7,350	919
Homer City	2,012	Edison Mission	Coal	80%	7,145	893
Conemaugh	1,872	Reliant	Coal	88%	7,306	913
Keystone	1,872	Reliant	Coal	72%	5,995	749
Hatfields Ferry	1,728	Allegheny Energy	Coal	69%	5,281	660
Brunner Island	1,559	PPL Corp.	Coal	75%	5,226	653

* Number of 1.5 MW wind turbines operating with **15% Summer Capacity Factor** (average efficiency in region)

+ Based on 8 utility-scale wind turbines per mile of ridgetop (typical spacing)

*Note: # kWh produced in Summer by facility = Capacity (in MW) x 1000 kW/MW x Summer Capacity Factor x 2208 hrs;
2208 hrs based on: 24 hr/day x 92 days/Summer, **Summer is July 1 through September 30, 2004 – 92 days***