

Standard & Poor's Assessment of Electrical Generation Costs ⁷⁹

	Pulverized Coal	Gas (CCT)	IGCC (Eastern Coal)	IGCC (PRB Coal)	Wind	Nuclear	Ausra CSP- KV Estimate	Altarock – KV Estimate
Capital Cost (\$/Kw)	2,438	700	2,795	2,925	1,700*	4,000	3,000	4,000
Total Cost (cents / KWh)	5.8	6.8	6.8	6.5	7.1*	8.9	7-11	5-10
CO ₂ Capture Cost (\$Kw)	940	470	450	450	-	-	-	-
Cost for CCS (cents/ KWh)	6.2	2.8	3.4	3.6	-	-	-	-
Cents/KWh	12.0	9.6	10.2	10.1	7.1	8.9	7-11	5-10
Cents/KWh (credits \$30)	7.9	7.7	8.7	8.4	7.1	9.1	7-11	5-10

Ausra and Altarock cost-estimates are not from S&P

*S&P notes that there are disadvantages with wind that are not explicitly modeled - high transmission costs (because wind has limited availability), low capacity factors (30-35%), and unpredictability (leading to a greater need for backup/reserve power) and limit wind from serving as a base-load power source.