

Table 8-2 (Revised)

Resource	Capacity Type	Capacity (MW)	Primary Fuel	Projected Capital Cost (2024\$) *	
				\$/kW	\$M
7EA SCGT	Peaking	100	Natural Gas	2000	200
7F SCGT	Peaking	282	Natural Gas	1329	374
Combined Cycle	Peaking/Intermediate	745	Natural Gas	1544	1150
RICE	Peaking/Intermediate	214	Natural Gas	3852	824
SMR NUCLEAR	BASE	278	Nuclear	7500	2085
Pumped Hydro	Peaking	325	Water	3978	1293
BESS	Peaking	400	Li	2190	876
PPA - Winter Seasonal Market	Power Purchase	50	n/a	Market	
PPA - Winter Seasonal Market	Power Purchase	100	n/a	Market	

Capital Costs Source:

- * 7EA SCGT – EKPC Owner’s Engineer
- * 7F SCGT – NREL ATB (2024, F-Frame, Moderate)
- * Combined Cycle – EKPC Owner’s Engineer
- * RICE – EKPC Owner’s Engineer
- * SMR NUCLEAR – NREL ATB (2032, Small, Moderate, adjusted to 278MW)
- * Pumped Hydro - NREL ATB (2022, National Class 3, Conservative, escalated to 2024)
- * BESS – NREL ATB (2024, 4hr, Conservative)
- * PPA - Winter Seasonal Market - ACES Power Marketing Forecast, October 2024