

Synapse Energy Generation and Capacity Appendix A Comparison of Capacity (MW) Estimates

Capacity (MW)	Case A7			Case A8			Case A9			Case A10			Case A11			Case A12		
	2018	2022	2030	2018	2022	2030	2018	2022	2030	2018	2022	2030	2018	2022	2030	2018	2022	2030
Nuclear	5,383	5,383	5,383	5,383	5,383	5,383	5,383	3,319	3,319	5,383	3,319	3,319	5,383	3,319	3,319	5,383	3,319	3,319
Coal	925	0	0	925	0	0	925	0	0	925	0	0	925	0	0	925	0	0
Gas	12,355	12,001	9,816	12,355	12,001	9,816	12,355	12,001	9,816	12,355	12,001	9,816	12,355	12,001	9,816	12,355	12,001	9,816
New Gas	747	747	3,212	747	822	4,628	747	747	0	747	747	2,304	747	747	3,712	747	747	2,386
Hydro	4,682	4,682	4,682	4,682	4,682	4,682	4,682	4,682	4,682	4,682	4,682	4,682	4,682	4,682	4,682	4,682	4,682	4,682
Wind	1,824	2,566	6,420	1,824	3,003	7,207	1,824	2,565	6,336	1,824	1,860	4,710	1,824	2,565	6,490	1,824	1,860	4,562
Solar	200	200	3,287	331	331	5,203	200	200	3,406	200	200	200	200	200	3,030	200	200	200
DG PV	1,761	4,311	5,265	1,761	4,311	5,265	1,761	4,311	0	1,761	4,311	5,265	1,761	4,311	5,265	1,761	4,311	5,265
Biopower	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164
Oil-Gas-Steam	8,226	6,454	2,412	8,226	6,454	2,412	8,226	6,454	2,412	8,226	6,454	2,412	8,226	6,454	2,412	8,226	6,454	2,412
Storage	1,407	1,407	2,727	1,407	1,407	2,727	1,407	1,407	2,546	1,407	1,407	1,905	1,407	1,407	2,403	1,407	1,407	1,407
Canadian Hydro	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	0	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
CHPE	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000	1,000	0	1,000	1,000
ICAP Total	38,773	39,013	44,466	38,905	39,658	48,586	38,773	36,949	42,955	38,773	36,243	35,877	38,773	37,949	43,392	38,773	37,243	36,312

Case A7. Reference Case (CES EE) IPEC In-Service, ICAP Capacity, MW

Case A8. Reference case Status Quo EE, IPEC in-service, ICAP capacity, MW

Case A9. Retirement scenario, reference load (CES EE) ICAP capacity, MW

Case A10. Retirement scenario, high energy efficiency, ICAP capacity, MW

Case A11. Retirement scenario, CHPE, reference load (CES EE) ICAP capacity, MW

Case A12. Retirement scenario, CHPE, high energy efficiency ICAP capacity, MW