Mitigation Scenarios Summary Fuel Mix (Capacity)

Scenario 2	Unit	2020	2025	2030	2035	2040	2045	2050
Nuclear	MW	4,860	3,355	3,355	3,355	3,355	3,355	2,135
Gas & FO	MW	26,388	25,775	21,579	18,078	-	-	-
Zero-Carbon Firm Resource	MW	-	-	-	-	21,015	21,576	21,290
Biomass	MW	327	327	327	327	327	275	178
In-State Hydro	MW	4,269	4,269	4,610	4,610	4,613	4,613	4,613
Hydro Imports (Existing)	MW	1,485	1,485	1,485	1,485	1,485	1,485	1,485
Hydro Imports (New)	MW	-	-	1,250	1,250	1,250	1,250	1,250
Wind	MW	1,917	3,292	3,814	4,263	5,845	7,781	9,445
Wind Imports	MW	-	-	1,760	5,796	6,397	6,397	6,397
Wind_Offshore	MW	-	1,826	6,200	9,906	14,364	16,393	16,393
Solar	MW	2,592	8,201	18,852	28,994	43,432	53,089	64,621
Battery Storage	MW	750	1,500	3,000	5,791	10,713	17,046	21,465
Pumped Storage	MW	1,435	1,435	1,435	1,435	1,435	1,435	1,435

Scenario 3	Unit	2020	2025	2030	2035	2040	2045	2050
Nuclear	MW	4,860	3,355	3,355	3,355	3,355	3,355	2,135
Gas & FO	MW	26,388	25,775	22,398	14,292	-	-	-
Zero-Carbon Firm Resource	MW	-	-	-	5,489	23,522	25,230	25,359
Biomass	MW	327	327	327	327	327	275	178
In-State Hydro	MW	4,269	4,269	4,610	4,613	4,613	4,613	4,613
Hydro Imports (Existing)	MW	1,485	1,485	1,485	1,485	1,485	1,485	1,485
Hydro Imports (New)	MW	-	-	1,250	1,250	1,250	1,250	1,250
Wind	MW	1,917	3,292	4,600	5,220	6,126	8,250	10,154
Wind Imports	MW	-	-	2,421	5,448	6,397	6,593	6,593
Wind_Offshore	MW	-	1,826	6,600	10,423	16,756	19,278	19,278
Solar	MW	2,592	8,201	16,762	28,625	41,420	49,042	60,604
Battery Storage	MW	750	1,500	3,000	8,090	12,207	16,383	19,212
Pumped Storage	MW	1,435	1,435	1,435	1,435	1,435	1,435	1,435

Scenario 4	Unit	2020	2025	2030	2035	2040	2045	2050
Nuclear	MW	4,860	3,355	3,355	3,355	3,355	3,355	2,135
Gas & FO	MW	26,388	25,775	21,579	20,326	-	-	-
Zero-Carbon Firm Resource	MW	-	-	-	-	23,676	24,333	24,048
Biomass	MW	327	327	327	327	327	275	178
In-State Hydro	MW	4,269	4,269	4,610	4,613	4,613	4,613	4,613
Hydro Imports (Existing)	MW	1,485	1,485	1,485	1,485	1,485	1,485	1,485
Hydro Imports (New)	MW	-	-	1,250	1,250	1,250	1,250	1,250
Wind	MW	1,917	3,292	3,859	4,491	6,282	8,305	11,052
Wind Imports	MW	-	-	2,649	5,970	6,397	6,397	6,397
Wind_Offshore	MW	-	1,826	6,600	9,967	15,875	18,066	18,310
Solar	MW	2,592	8,201	18,060	29,841	41,623	53,450	65,210
Battery Storage	MW	750	1,500	3,000	6,311	11,576	18,973	22,956
Pumped Storage	MW	1,435	1,435	1,435	1,435	1,435	1,435	1,435