

Table 3: Decarbonization Pathways Renewable Energy Resources Percentages

Annual Fuel Mix (Energy)	Unit	2020	2025	2030	2035	2040	2045	2050
Nuclear	GWh	42,815	26,451	26,451	26,451	26,451	26,451	16,835
Coal	GWh	-	-	-	-	-	-	-
Gas and Fuel Oil	GWh	71,192	65,559	35,902	30,786	-	-	-
Gas with Carbon Capture and Storage	GWh	-	-	-	-	-	506	4,201
Renewable Natural Gas/Hydrogen	GWh	-	-	-	-	150	961	1,839
Biomass	GWh	2,729	2,729	2,729	2,729	2,729	2,337	1,596
In-State Hydro	GWh	25,947	25,895	29,783	29,960	28,389	28,519	28,564
Hydro Imports (Existing)	GWh	10,362	10,362	10,362	10,362	10,362	10,362	10,362
Hydro Imports (New)	GWh	-	-	7,008	7,008	14,016	14,016	14,016
Wind	GWh	4,980	8,530	13,208	15,989	35,183	39,914	39,369
Offshore Wind	GWh	-	7,506	25,853	37,528	40,779	45,103	63,932
Solar	GWh	4,267	11,573	17,458	20,096	50,052	69,558	78,864
Battery Storage	GWh	2	22	(1,021)	(1,233)	(283)	(647)	(784)
Pumped Storage	GWh	(140)	(22)	(69)	(16)	(320)	(512)	(574)
Imports*	<i>GWh</i>	4,530	4,140	2,598	4,664	13,920	14,671	15,484
Exports	<i>GWh</i>	(9,886)	(15,144)	(18,582)	(8,153)	(13,920)	(14,671)	(15,484)
Load	<i>GWh</i>	156,799	147,602	151,678	176,171	207,506	236,568	258,220
Renewable Energy Resources		29.0%	43.3%	67.6%	67.9%	85.9%	87.2%	90.5%