

2023 ALBERTA ELECTRIC ENERGY NET INSTALLED CAPACITY (MCR MW) BY RESOURCE

Year	Resource Type								
	Coal	Natural Gas	Hydro	Wind	Biogas & Biomass	Solar	sub total Renewables	*Others	Total
1985	4,158.0	1,896.2	808.1	0.1	55.2	0.0	863.4	7.4	6,925.0
1986	4,158.0	1,864.6	808.1	0.3	55.2	0.0	863.6	7.4	6,893.6
1987	4,158.0	1,868.3	808.1	0.4	55.2	0.0	863.7	7.4	6,897.4
1988	4,167.0	1,870.5	795.4	0.4	53.0	0.0	848.8	7.4	6,893.7
1989	4,553.0	1,795.9	795.4	0.4	52.0	0.0	847.8	7.3	7,204.0
1990	5,299.0	1,796.0	795.4	0.6	122.0	0.0	918.0	7.3	8,020.3
1991	5,299.0	1,770.1	797.9	0.6	122.0	0.0	920.5	7.3	7,996.9
1992	5,299.0	1,772.1	818.3	0.6	122.0	0.0	940.9	7.3	8,019.3
1993	5,318.0	1,773.8	818.3	12.4	204.5	0.0	1,035.2	7.3	8,134.3
1994	5,704.0	1,785.7	847.3	21.4	263.7	0.0	1,132.4	7.9	8,630.0
1995	5,704.0	1,797.0	847.3	21.4	225.2	0.0	1,093.9	7.4	8,602.3
1996	5,704.0	1,818.9	847.3	21.4	235.9	0.0	1,104.6	12.4	8,639.9
1997	5,704.0	1,819.4	847.3	23.1	235.9	0.0	1,106.3	11.2	8,640.9
1998	5,636.0	1,878.1	847.3	24.3	239.9	0.0	1,111.5	6.2	8,631.8
1999	5,638.0	2,247.5	850.4	24.3	256.0	0.0	1,130.7	12.7	9,028.9
2000	5,638.0	2,883.1	863.2	36.8	271.6	0.0	1,171.6	41.2	9,733.9
2001	5,615.0	3,618.9	863.2	94.1	271.6	0.0	1,228.9	50.2	10,513.0
2002	5,658.9	4,017.0	860.0	96.6	276.8	0.0	1,233.4	50.2	10,959.5
2003	5,519.6	4,788.2	893.0	171.8	277.3	0.0	1,342.1	50.2	11,700.1
2004	5,508.6	4,797.5	900.0	273.2	277.3	0.0	1,450.5	50.2	11,806.8
2005	5,839.6	4,770.2	899.7	276.7	308.1	0.0	1,484.5	55.2	12,149.5
2006	5,863.6	4,324.5	899.7	386.2	313.1	0.0	1,599.0	54.1	11,841.2
2007	5,917.9	4,425.2	899.7	525.2	313.1	0.0	1,738.0	54.1	12,135.2
2008	5,918.3	4,823.4	899.7	525.2	313.1	0.0	1,738.0	74.1	12,553.8
2009	5,971.3	5,138.6	900.0	591.2	323.2	0.0	1,814.4	72.5	12,996.8
2010	5,735.3	5,217.5	900.0	723.2	340.2	0.0	1,963.4	73.3	12,989.5
2011	5,631.8	5,251.5	899.9	895.4	358.7	0.0	2,154.0	73.8	13,111.0
2012	5,690.3	5,682.8	899.9	1,113.3	413.8	0.0	2,427.0	97.8	13,897.8
2013	6,258.3	5,811.2	900.3	1,113.3	416.6	0.0	2,430.1	97.8	14,597.4
2014	6,258.0	6,160.6	900.3	1,458.9	438.3	0.0	2,797.5	97.8	15,313.9
2015	6,266.8	6,953.0	902.2	1,490.8	423.7	0.0	2,816.7	96.8	16,133.2
2016	6,273.0	7,333.3	916.4	1,490.8	423.7	0.0	2,830.8	96.8	16,533.9
2017	6,273.0	7,465.7	917.2	1,473.8	422.2	15.0	2,828.1	135.0	16,701.8
2018	5,723.0	7,516.3	916.4	1,474.4	419.6	15.0	2,825.4	128.1	16,192.8
2019	5,723.0	7,636.4	916.4	1,675.6	420.6	15.0	3,027.6	128.1	16,515.1
2020	5,574.0	7,907.0	916.8	1,819.8	420.3	37.0	3,193.9	128.1	16,803.0
2021	3,590.7	9,281.0	916.8	2,185.3	424.4	191.5	3,718.0	131.2	16,720.8
2022	1,381.0	11,254.7	916.8	3,124.4	418.0	1,233.8	5,693.0	134.4	18,463.1
2023	1,381.0	10,875.2	916.8	4,010.9	416.8	1,269.3	6,613.7	134.4	19,004.3

Year	Cogeneration	
	Total Cogen	Total GAS Cogen
1985	617.4	562.2
1986	618.4	563.2
1987	618.4	563.2
1988	622.7	569.7
1989	617.5	565.5
1990	687.7	565.7
1991	687.7	565.7
1992	688.3	566.3
1993	771.7	567.2
1994	781.3	576.8
1995	794.0	589.5
1996	786.8	582.3
1997	796.9	592.4
1998	881.3	676.8
1999	1,135.3	924.3
2000	1,813.0	1,555.4
2001	2,331.0	2,064.4
2002	2,701.7	2,434.7
2003	3,158.2	2,889.2
2004	3,157.3	2,888.3
2005	3,187.2	2,892.2
2006	3,364.8	3,065.9
2007	3,467.1	3,168.2
2008	3,772.4	3,453.5
2009	3,884.6	3,554.5
2010	3,978.7	3,632.6
2011	4,015.7	3,650.6
2012	4,495.3	4,051.1
2013	4,606.8	4,159.8
2014	4,631.0	4,165.0
2015	4,821.3	4,372.1
2016	5,191.8	4,742.7
2017	5,404.9	4,955.3
2018	5,389.2	4,949.1
2019	5,405.6	4,964.6
2020	5,651.8	5,208.0
2021	5,809.2	5,359.9
2022	5,881.8	5,438.9
2023	5,917.3	5,446.9

* Others include oil, diesel, waste heat