

Table 8-10

Forecast Energy Requirements (GWh) (as modeled)	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Requirements (GWh)	14,421.1	15,192.8	15,306.0	15,397.3	15,498.3	15,600.6	15,741.5	15,840.9	15,933.8	16,043.6	16,209.6	16,318.5	16,467.8	16,621.1	16,802.3
Generation (GWH)															
Coal	11,406.6	10,171.3	10,084.6	9,183.5	9,380.1	8,795.6	8,701.7	8,719.4	8,822.5	8,575.2	8,302.3	7,875.5	7,476.2	7,537.7	7,604.9
Natural Gas	1,650.5	1,150.2	1,170.2	982.4	875.1	740.7	720.9	705.4	828.6	794.4	949.9	876.5	707.3	647.6	592.1
Landfill Gas	95.2	95.1	95.3	95.1	95.1	95.1	95.4	95.1	95.1	95.1	95.3	95.1	95.1	95.1	95.3
Solar	13.8	132.0	467.1	685.3	900.2	1,333.5	1,552.0	1,551.6	1,551.6	1,766.6	2,200.0	2,418.0	2,418.0	2,417.9	2,418.2
Total	13,166.2	11,548.5	11,817.3	10,946.3	11,250.4	10,964.9	11,069.8	11,071.5	11,297.8	11,231.3	11,547.5	11,265.1	10,696.5	10,698.3	10,710.5
Purchases (GWH)															
Firm Purchases-SEPA	256.9	256.9	258.4	260.2	257.0	257.5	257.2	256.5	258.9	260.2	257.8	256.9	256.9	256.5	261.8
Purchases-PJM Market	179.9	153.3	149.8	146.1	142.0	143.1	142.6	145.5	141.8	145.2	147.2	144.8	144.8	156.3	174.2
Firm Purchases-Non-Utilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	436.8	410.3	408.3	406.3	398.9	400.5	399.8	402.0	400.6	405.4	405.0	401.7	401.7	412.7	436.0

Table 8-11

Fuel Input (1,000s MBTU)	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Coal	113,802	101,261	100,516	91,994	94,010	88,351	87,468	87,635	88,754	86,316	83,629	79,504	75,602	76,194	76,851
Natural Gas	16,928	11,649	11,932	9,962	8,849	7,487	7,250	7,101	8,333	7,976	9,753	9,013	7,251	6,603	6,068
Total	130,730	112,910	112,448	101,956	102,860	95,838	94,718	94,736	97,086	94,291	93,382	88,518	82,853	82,797	82,920
Fuel Input (Physical Units)															
Coal (1,000s Tons)	4,984	4,455	4,426	4,054	4,147	3,901	3,862	3,868	3,918	3,812	3,696	3,516	3,346	3,372	3,401
Natural Gas (1,000s mcf)	16,685	11,482	11,760	9,819	8,722	7,380	7,146	6,999	8,213	7,861	9,612	8,884	7,146	6,508	5,981