

Forecasted Energy Demand and Supply Summary

Report Date: June 8, 2024

Forecast Period: 2025 - 2030

Summary Table

Year	Demand (GWh)	Supply (GWh)	Surplus/Deficit (GWh)
2025	14,800	15,120	+320
2026	15,220	15,300	+80
2027	15,760	15,590	-170
2028	16,310	15,760	-550
2029	16,900	15,920	-980
2030	17,480	16,050	-1,430

Energy Supply Mix (2030)

Source	Projected Output (GWh)	Share (%)
Renewables	7,200	45%
Natural Gas	5,000	31%
Coal	2,250	14%
Imports	1,600	10%

Key Trends

- Annual demand is projected to grow steadily at 2-3% per year.
- Renewable energy share in supply mix continues to increase.
- Potential supply deficit may arise starting 2027 if new capacity is not added.
- Continued reliance on imports to balance supply-demand gap.

Important Notes

- Forecasts are based on current economic, technological, and policy assumptions and may change.
- Unexpected shifts in demand, supply disruptions, or policy changes could impact projections.
- Stakeholders should use this summary as a reference for planning but consider a range of potential scenarios.