



Energy Generation



39% ▼ 2%

Plant Availability Factor

5,292MW ▼ 7% 13,625MW
Average Available Capacity Installed Capacity

4,328MWh/h ▼ 6% 81% ▼ 1%
Average Hourly Generation Average Load Factor

▲▼ - Relative change compared to previous month (May 2025)

Grid Performance

		Limit	Actual
Grid Frequency	upper	50.25Hz	50.72Hz ▲ 1%
	lower	49.75Hz	49.39Hz ▼ 1%
Grid Voltage	upper	346.50kV	348.87kV ▲ 1%
	lower	313.50kV	301.07kV ▼ 4%

▲▼ - Percentage deviation from limit ✓ - Performance within limit

Other Grid Connected Plants

Plant	Installed Capacity (MW)	Average Available Capacity (MW)	Plant Availability Factor (%)*	Average Hourly Generation (MWh/h)	Load Factor (%)**
Olorunsogo_2	750	15	2%	10	64%
Afam_1	726	46	6%	40	87%
Sapele Steam_1	720	46	6%	31	68%
Sapele_2	500	106	21%	58	55%
Alaoji_1	500	0	0%	0	0%
Omosho_2	500	109	22%	85	78%
Ihovbor_1	500	29	6%	10	35
Okpai_1	480	295	61%	272	92%
Geregu_2	435	215	49%	84	39%
Omosho_1	335	110	33%	108	98%
Olorunsogo_1	335	97	29%	92	95%
Ibom power_1	190	39	21%	23	58%
Rivers_1	180	2	1%	1	59%
Omoku_1	150	22	15%	24	100%
Ikeja_1	110	110	100%	108	98%
Trans Amadi_1	100	9	9%	11	100%
Igbafo_1	45	20	45%	21	100%
Dadin-Kowa_1	40	18	46%	17	95%
Grid Total	13,625	5,292	39%	4,328	81%

*Plant availability factor is the ratio of the maximum rated output of the plant declared by the operator relative to the maximum rated output specified by the manufacturer

**The load factor is the ratio of the average electricity generated over a period to the maximum possible generation

Largest Energy Producers - June 2025



Plant Availability Factor



Load Factor