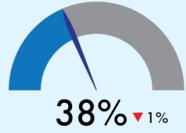




Operational Performance of Power Plants

Energy Generation



38% ▼1%
Plant Availability Factor

5,237MW ▼1% **13,625MW**
Average Available Capacity Installed Capacity

4,524MWh/h ▲7% **28**
Average Hourly Generation Grid-Connected Plants

▲▼ – Relative change compared to previous month (November 2024)

Grid Performance

	Target	Actual
Grid Frequency	upper 50.25Hz	50.69Hz ▲1%
	lower 49.75Hz	49.22Hz ▼1%
Grid Voltage	upper 346.50kV	349.58kV ▲1%
	lower 313.50kV	295.84kV ▼6%

▲▼ – Percentage deviation from target

Other Grid Connected Plants

* Plant	Installed Capacity (MW)	Average Available Capacity (MW)	Plant Availability Factor (%)	Average Hourly Generation (MWh/h)	Load Factor (%)
Afam_1	726	64	9%	62	97%
Sapele Steam_1	720	40	6%	22	56%
Olorunsogo_2	750	77	10%	29	38%
Omosho_2	500	16	3%	20	100%
Alaoji_1	500	0	0%	0	0%
Sapele_2	500	71	14%	48	67%
Ihovbor_1	500	74	15%	28	37%
Geregu_2	435	223	51%	183	82%
Geregu_1	435	96	22%	101	100%
Omosho_1	335	185	55%	161	87%
Olorunsogo_1	335	175	52%	163	94%
Ibom power_1	190	15	8%	12	83%
Rivers_1	180	22	12%	33	100%
Omoku_1	150	46	31%	48	100%
Trans Amadi_1	100	3	3%	4	100%
Ikeja_1	110	110	100%	100	91%
Igbafo_1	45	19	42%	22	100%
Dadin-Kowa_1	40	25	63%	25	99%
Grid Total	13,625	5,237	38%	4,524	86%

Largest energy producers - December 2024



Plant Availability Factor

Load Factor

* The nomenclature of generating plants in the NESI have been revised pursuant to Order-NERC/2024/002.