



Operational Performance of Power Plants

Energy Generation

28
Grid-Connected Plants

33% ▼ 1%
Plant Availability Factor

4,391MW ▼ 4%
Total Available Capacity

2,760GWh ▼ 13%
Total Energy Generated

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

Grid Performance

	Target	Actual
Grid Frequency	upper 50.25Hz	50.99Hz ▲ 1%
	lower 49.75Hz	49.17Hz ▼ 1%
Grid Voltage	upper 346.50kV	355.43kV ▲ 3%
	lower 313.50kV	303.07kV ▼ 3%

*▲▼ – Percentage deviation from target

Other Grid Connected Plants

Plant	Installed Capacity (MW)	Average Available Capacity (MW)	Plant Availability Factor (%)	Total Generation (GWh)	Load Factor (%)
Afam IV - V	726	10	1%	8	100%
Sapele ST	720	99	14%	55	78%
Olorunsogo NIPP	690	9	1%	5	82%
Omosho NIPP	500	0	0%	0	0%
Alaoji NIPP	472	1	0%	0	0%
Sapele GT NIPP	452	1	0%	0	0%
Ihovbor NIPP	450	0	0%	0	0%
Geregu NIPP	435	191	44%	108	78%
Geregu	435	96	22%	63	91%
Omosho	304	69	23%	47	94%
Olorunsogo	304	59	19%	40	94%
Ibom Power	191	61	32%	38	86%
River IPP	180	79	44%	44	78%
Omoku	150	39	26%	31	100%
Trans Amadi	100	17	17%	13	100%
Paras	96	95	99%	61	90%
Taopex Energy	60	17	28%	9	75%
Dadin Kowa	40	17	42%	11	98%
Grid Total	13,371	4,391	33%	2,760	87%

Largest energy producers - June 2024

