

Daily Energy Generated and Sent Out

(OCTOBER – DECEMBER 2016)

Report Date: January 2017

Data Source: National Bureau of Statistics / Nigerian Electricity Regulatory Commission



NATIONAL BUREAU OF STATISTICS

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Executive Summary

The power generation statistics for Q4 2016 reflected that a total average of 2,548GWH of energy was generated by power stations as Egbin Power Plant contributed about 12.47% share of the average energy generated which represents the highest generation among the twenty (25) power plants within the period under review. Also, an average of 2,497GWH of energy was sent out as Okpai Power Plant has the highest percentage share of 12.13% of average energy sent out in Q4 2016.

Daily energy generation attained a peak of 3,859.59MW on 15th October, 2016 and daily energy sent out on same date was 3,798.16. Similarly, the highest daily energy generated per hour attained a peak of 92,630MWH on 15th October, 2016 and daily energy sent out per hour on same date was 91,156 MWH.

However, the lowest daily energy generation, 2,522MW, in Q4 2016 was attained on 28th October, 2016 and daily energy sent out on that date was 2,472 MW. The lowest daily energy generation per hour was also attained on same date. 60,546 MWH was generated and 59,328 MWH was sent out.

In November 2016, daily energy generation attained a peak of 3,707.09MW on 22nd November, 2016 and daily energy sent out on same date was 3,644.86MW. Similarly, the highest daily energy generated per hour in the month under review attained a peak of 88,970MWH and daily energy sent out per hour on same date was 87,477,156 MWH.

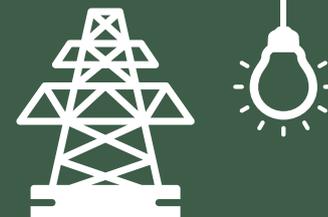
Nevertheless, daily energy generation dropped to its lowest of 2,685.26 on 24th November, 2016 and daily energy sent out on same date was 2,640.99MW. Similarly, the lowest daily energy generation per hour was also attained on same date. 64,446 MWH was generated and 63,384MWH was sent out.

Power generation statistics for December 2016 was only available from December 1st to 4th, 2016. Daily energy generation in December attained a peak of 3,197.03MW on 1st December, 2016 and daily energy sent out on same date was 3,153.86. Similarly, the highest daily energy generated per hour attained a peak of 76,729MWH on 1st December, 2016 and daily energy sent out per hour on same date was 75,693 MWH.

The lowest daily energy generation attained in December 2016 was 2,737.34 and the lowest daily energy sent out of 2,691.70 was attained on 4th December, 2016. Likewise, the lowest daily energy generation per hour was also attained on same date. 65,696 MWH was generated and 64,601 MWH was sent out.

Power Generation - Q4 2016

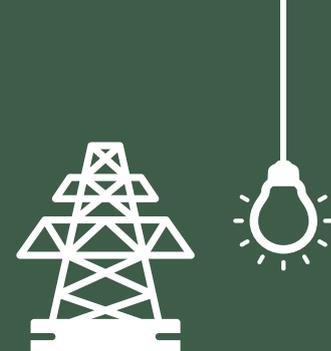
Energy Generation by Stations - GWH



Station	Oct	Nov	Dec	Average Q4 2016	% Share of Q4 2016 Average energy generated
AFAM (I-V)	-----	-----	-----	-----	-----
GEREGU	80	70	81	77	3.03
EGBIN	370	266	317	318	12.47
SAPELE	41	-----	-----	14	0.54
UGHELLI	236	193	211	213	8.37
AES BARGE	-----	-----	-----	-----	-----
OKPAI	270	274	383	309	12.13
AFAM VI	35	203	244	161	6.31
OMOKU	23	31	49	34	1.35
TRANS-AMADI	3	6	-----	3	0.12
RIVERS IPP	-----	-----	-----	-----	-----
IBOM POWER	29	-----	-----	10	0.38
OLORUNSOGO	107	85	140	111	4.34
OMOTOSHO	122	71	89	94	3.69
OLORUNSOGO NIPP	63	-----	-----	21	0.83
OMOTOSHO NIPP	128	67	69	88	3.45
ALAOJI NIPP	34	73	26	44	1.73
SAPELE NIPP	78	74	68	74	2.89
IHOVBOR NIPP	26	73	67	55	2.17
GEREGU NIPP	65	65	138	89	3.51
CALABAR NIPP	40	72	-----	37	1.47
SHIRORO	304	282	245	277	10.87
KAINJI	165	212	278	219	8.58
JEBBA	318	279	278	292	11.45
NESCO	8	8	8	8	0.32
Total	2,547	2,405	2,691	2,548	100.00

Power Generation - Q4 2016

Energy Sent Out by Stations



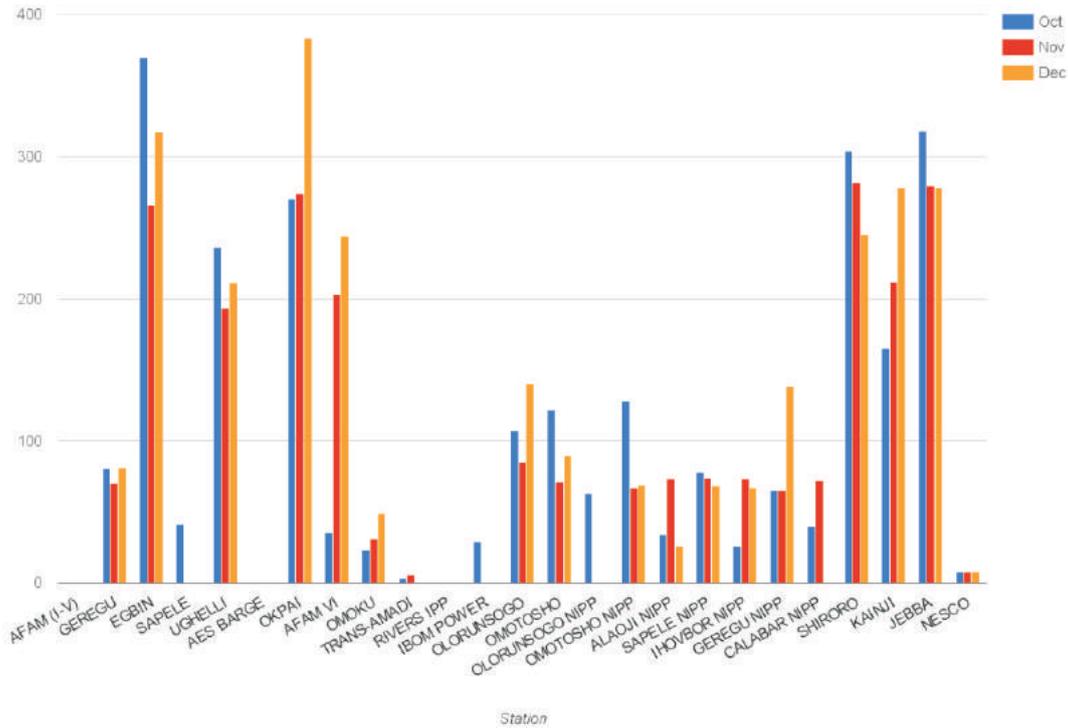
Station	Oct	Nov	Dec	Average Q4 2016	% Share of Q4 2016 Average energy generated
AFAM (I-V)	-	-	-	-	-
GEREGU	79	70	81	76	3.06
EGBIN	348	252	297	299	11.98
SAPELE	40	-	-	13	0.54
UGHELLI	231	190	206	209	8.36
AES BARGE	-	-	-	-	-
OKPAI	264	269	376	303	12.13
AFAM VI	35	201	240	159	6.35
OMOKU	22	30	48	33	1.34
TRANS-AMADI	3	6	-	3	0.11
RIVERS IPP	-	-	-	-	-
IBOM POWER	29	-	-	10	0.39
OLORUNSOGO	106	84	139	110	4.39
OMOTOSHO	121	71	85	92	3.69
OLORUNSOGO NIPP	62	-	-	21	0.83
OMOTOSHO NIPP	127	66	69	87	3.50
ALAOJI NIPP	34	72	25	44	1.75
SAPELE NIPP	78	74	68	74	2.94
IHOVBOR NIPP	26	72	67	55	2.19
GEREGU NIPP	65	65	137	89	3.57
CALABAR NIPP	39	72	-	37	1.48
SHIRORO	303	281	244	276	11.06
KAINJI	162	209	273	215	8.59
JEBBA	311	273	272	285	11.43
NESCO	8	8	8	8	0.31
TOTAL	2,493	2,364	2,635	2,497	100.00

Power Generation - Q4 2016

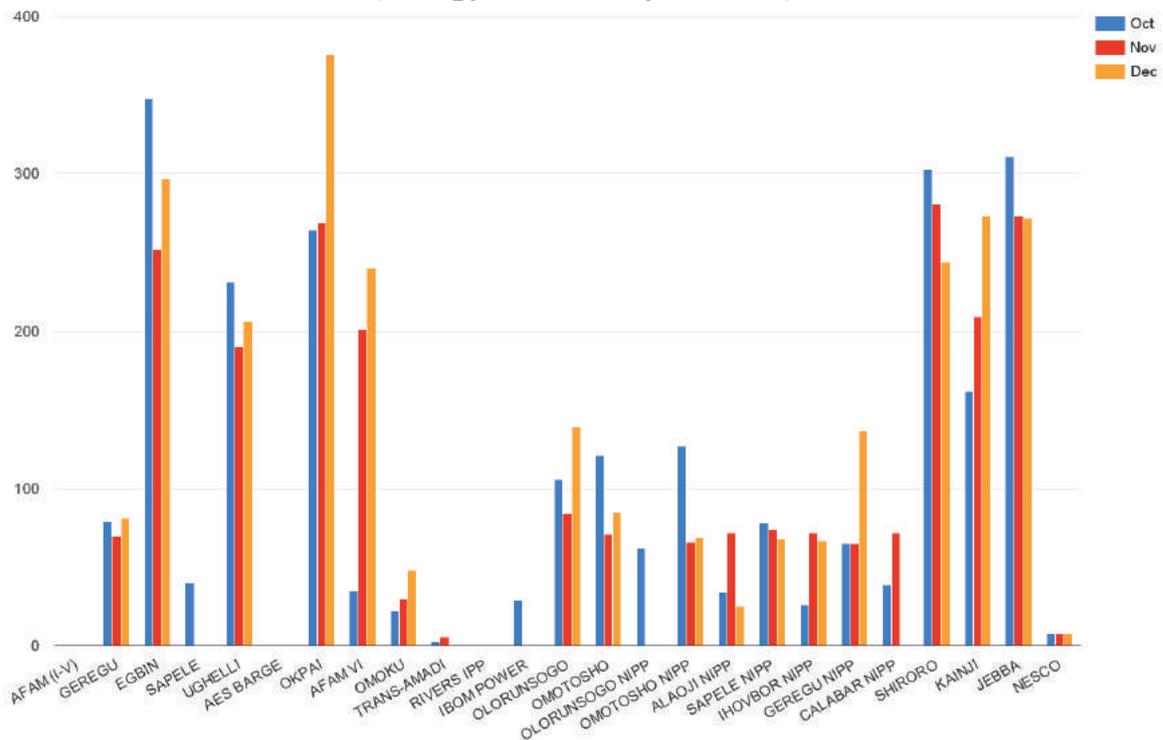
Energy Generated and Sent Out by Stations



(Energy Generated by Stations)



(Energy Sent Out by Stations)



Power Generation - Q4 2016

October 2016



Date	Generated MWH	Sent Out MWH	Generated MW	Sent Out MW
31 Oct	80,161	78,913	3,340.04	3,288.06
30 Oct	76,932	75,729	3,205.48	3,155.39
29 Oct	69,415	68,359	2,892.31	2,848.28
28 Oct	60,546	59,328	2,522.74	2,472.00
27 Oct	74,800	73,605	3,116.69	3,066.87
26 Oct	80,046	78,855	3,335.26	3,285.64
25 Oct	86,678	85,102	3,611.57	3,545.94
24 Oct	86,060	84,527	3,585.84	3,521.95
23 Oct	83,317	81,963	3,471.53	3,415.14
22 Oct	79,476	78,243	3,311.50	3,260.11
21 Oct	83,309	82,135	3,471.21	3,422.30
20 Oct	85,996	84,828	3,583.15	3,534.49
19 Oct	81,538	80,176	3,397.40	3,340.67
18 Oct	90,199	88,694	3,758.27	3,695.60
17 Oct	92,511	91,274	3,854.64	3,803.07
16 Oct	86,434	85,047	3,601.42	3,543.62
15 Oct	92,630	91,156	3,859.59	3,798.16
14 Oct	91,162	89,682	3,798.41	3,736.73
13 Oct	92,009	90,469	3,833.69	3,769.54
12 Oct	91,602	90,307	3,816.77	3,762.81
11 Oct	87,545	86,117	3,647.70	3,588.22
10 Oct	87,308	85,653	3,637.82	3,568.88
9 Oct	81,569	80,025	3,398.70	3,334.37
8 Oct	81,546	80,050	3,397.76	3,335.41
7 Oct	85,475	83,992	3,561.44	3,499.68
6 Oct	87,698	86,155	3,654.10	3,589.79
5 Oct	88,933	87,374	3,705.55	3,640.57
4 Oct	87,818	86,280	3,659.09	3,594.98
3 Oct	87,552	85,974	3,648.01	3,582.26
2 Oct	87,405	86,012	3,641.88	3,583.84
1 Oct	83,710	82,070	3,487.92	3,419.59

Power Generation - Q4 2016

November 2016



Date	Generated MWH	Sent Out MWH	Generated MW	Sent Out MW
30 Nov	69,195	68,146	2,883.12	2,839.42
29 Nov	73,076	72,035	3,044.83	3,001.45
28 Nov	79,806	78,627	3,325.25	3,276.11
27 Nov	87,551	86,276	3,647.94	3,594.81
26 Nov	86,900	85,710	3,620.82	3,571.26
25 Nov	84,868	83,673	3,536.15	3,486.37
24 Nov	64,446	63,384	2,685.26	2,640.99
23 Nov	86,052	84,605	3,585.49	3,525.20
22 Nov	88,970	87,477	3,707.09	3,644.86
21 Nov	87,059	85,705	3,627.47	3,571.03
20 Nov	84,918	83,591	3,538.24	3,482.95
19 Nov	84,523	83,163	3,521.77	3,465.11
18 Nov	78,212	76,953	3,258.81	3,206.38
17 Nov	74,403	73,243	3,100.11	3,051.80
16 Nov	86,232	84,961	3,592.98	3,540.06
15 Nov	85,094	83,881	3,545.60	3,495.03
14 Nov	82,765	81,562	3,448.53	3,398.40
13 Nov	84,704	83,413	3,529.33	3,475.55
12 Nov	79,690	78,461	3,320.43	3,269.19
11 Nov	71,282	70,140	2,970.07	2,922.52
10 Nov	79,433	78,226	3,309.70	3,259.43
9 Nov	81,864	80,630	3,411.02	3,359.59
8 Nov	83,571	82,392	3,482.11	3,433.02
7 Nov	84,896	83,610	3,537.34	3,483.76
6 Nov	85,364	84,119	3,556.82	3,504.96
5 Nov	87,542	86,057	3,647.59	3,585.71
4 Nov	87,606	86,221	3,650.25	3,592.53
3 Nov	88,548	87,180	3,689.48	3,632.50
2 Nov	87,390	86,098	3,641.24	3,587.41
1 Nov	78,044	76,922	3,251.83	3,205.07

Power Generation - Q4 2016

December 2016

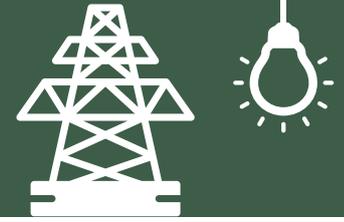


Date	Generated MWH	Sent Out MWH	Generated MW	Sent Out MW
04 Dec	65,696	64,601	2,737.34	2,691.70
03 Dec	75,770	74,693	3,157.07	3,112.19
02 Dec	75,756	74,696	3,156.49	3,112.35
01 Dec	76,729	75,693	3,197.03	3,153.86

Power Generation - Q4 2016

(Generated MW and Sent Out MW)

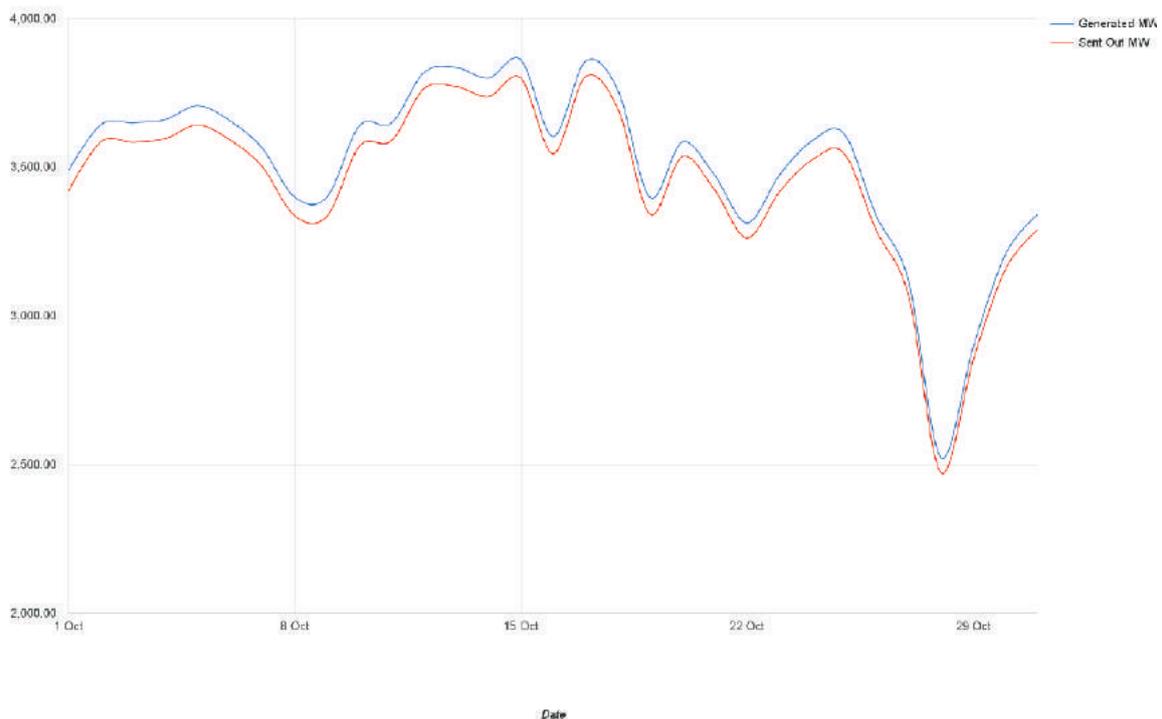
October 2016



Date	Generated MW	Sent Out MW
31 Oct	3,340.04	3,288.06
30 Oct	3,205.48	3,155.39
29 Oct	2,892.31	2,848.28
28 Oct	2,522.74	2,472.00
27 Oct	3,116.69	3,066.87
26 Oct	3,335.26	3,285.64
25 Oct	3,611.57	3,545.94
24 Oct	3,585.84	3,521.95
23 Oct	3,471.53	3,415.14
22 Oct	3,311.50	3,260.11
21 Oct	3,471.21	3,422.30
20 Oct	3,583.15	3,534.49
19 Oct	3,397.40	3,340.67
18 Oct	3,758.27	3,695.60
17 Oct	3,854.64	3,803.07
16 Oct	3,601.42	3,543.62

Date	Generated MW	Sent Out MW
15 Oct	3,859.59	3,798.16
14 Oct	3,798.41	3,736.73
13 Oct	3,833.69	3,769.54
12 Oct	3,816.77	3,762.81
11 Oct	3,647.70	3,588.22
10 Oct	3,637.82	3,568.88
9 Oct	3,398.70	3,334.37
8 Oct	3,397.76	3,335.41
7 Oct	3,561.44	3,499.68
6 Oct	3,654.10	3,589.79
5 Oct	3,705.55	3,640.57
4 Oct	3,659.09	3,594.98
3 Oct	3,648.01	3,582.26
2 Oct	3,641.88	3,583.84
1 Oct	3,487.92	3,419.59

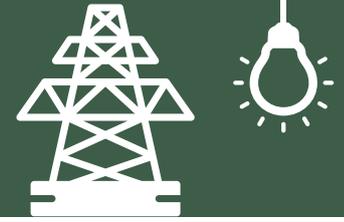
(Generated MW and Sent Out MW)



Power Generation - Q4 2016

(Generated MWH and Sent Out MWH)

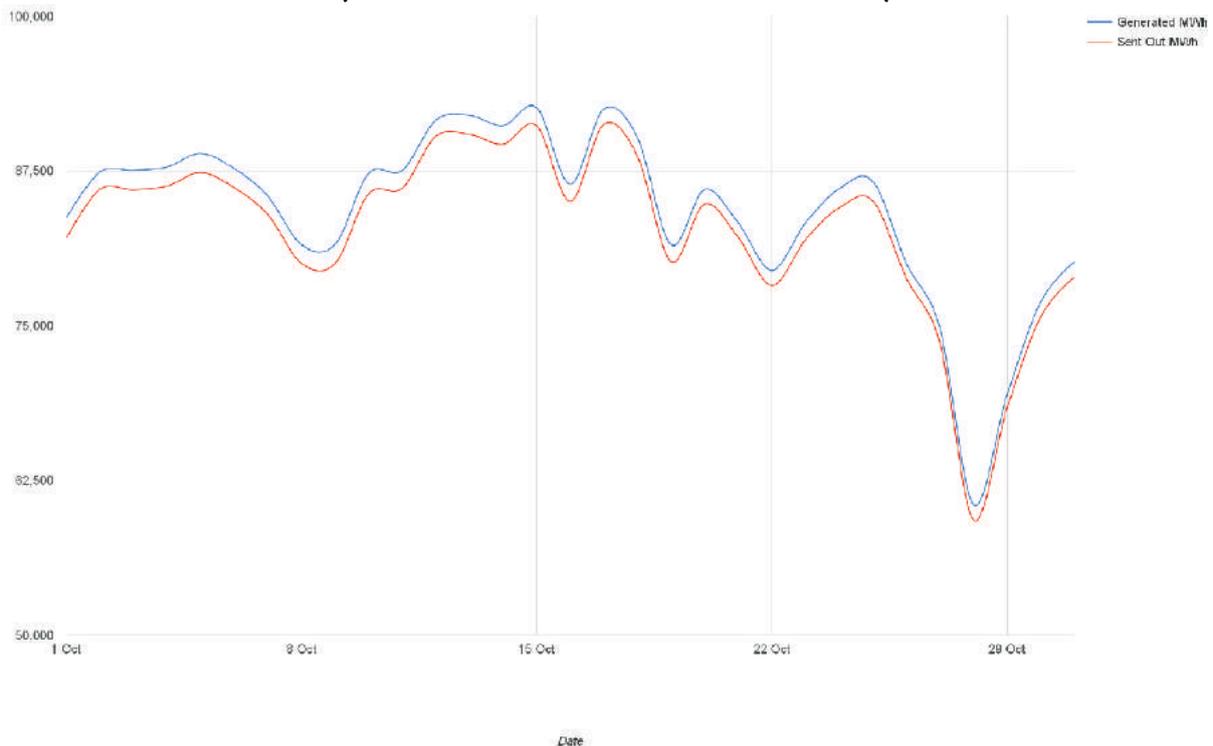
October 2016



Date	Generated MWH	Sent Out MWH
31 Oct	80,161	78,913
30 Oct	76,932	75,729
29 Oct	69,415	68,359
28 Oct	60,546	59,328
27 Oct	74,800	73,605
26 Oct	80,046	78,855
25 Oct	86,678	85,102
24 Oct	86,060	84,527
23 Oct	83,317	81,963
22 Oct	79,476	78,243
21 Oct	83,309	82,135
20 Oct	85,996	84,828
19 Oct	81,538	80,176
18 Oct	90,199	88,694
17 Oct	92,511	91,274
16 Oct	86,434	85,047

Date	Generated MWH	Sent Out MWH
15 Oct	92,630	91,156
14 Oct	91,162	89,682
13 Oct	92,009	90,469
12 Oct	91,602	90,307
11 Oct	87,545	86,117
10 Oct	87,308	85,653
9 Oct	81,569	80,025
8 Oct	81,546	80,050
7 Oct	85,475	83,992
6 Oct	87,698	86,155
5 Oct	88,933	87,374
4 Oct	87,818	86,280
3 Oct	87,552	85,974
2 Oct	87,405	86,012
1 Oct	83,710	82,070

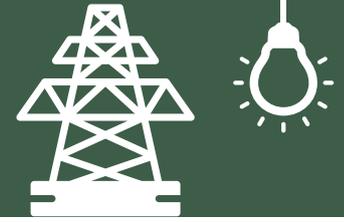
(Generated MWH and Sent Out MWH)



Power Generation - Q4 2016

(Generated MW and Sent Out MW)

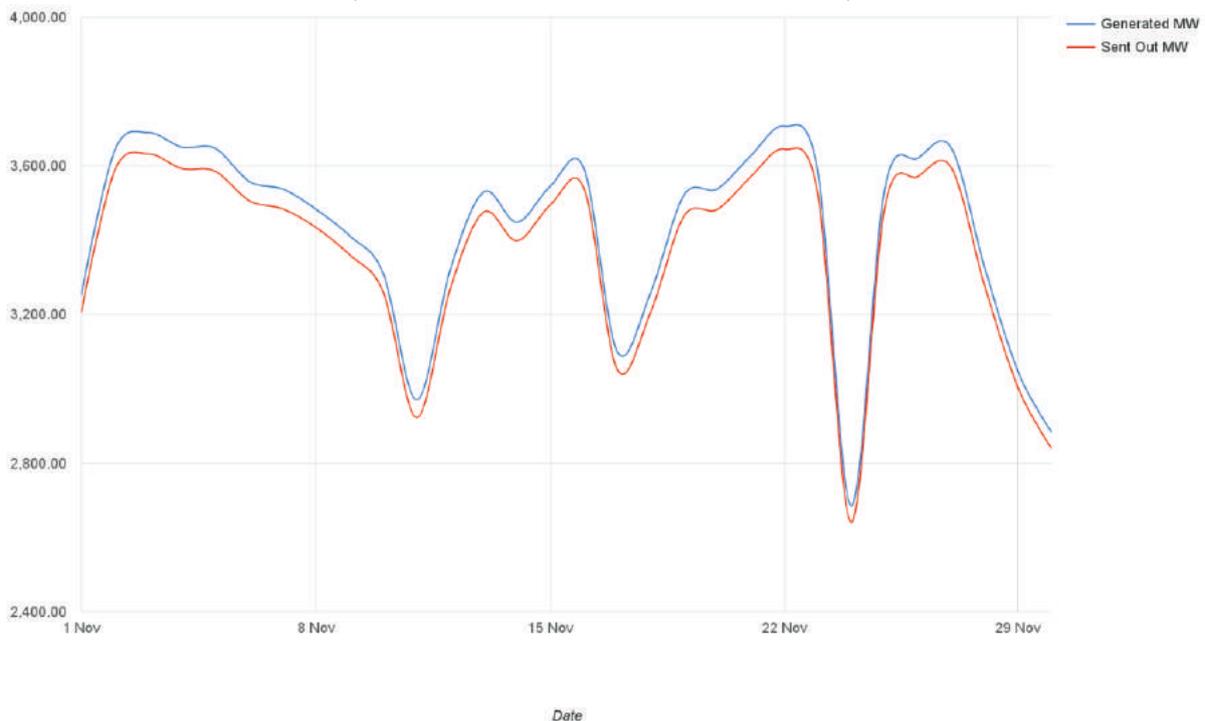
November 2016



Date	Generated MW	Sent Out MW
30 Nov	2,883.12	2,839.42
29 Nov	3,044.83	3,001.45
28 Nov	3,325.25	3,276.11
27 Nov	3,647.94	3,594.81
26 Nov	3,620.82	3,571.26
25 Nov	3,536.15	3,486.37
24 Nov	2,685.26	2,640.99
23 Nov	3,585.49	3,525.20
22 Nov	3,707.09	3,644.86
21 Nov	3,627.47	3,571.03
20 Nov	3,538.24	3,482.95
19 Nov	3,521.77	3,465.11
18 Nov	3,258.81	3,206.38
17 Nov	3,100.11	3,051.80
16 Nov	3,592.98	3,540.06

Date	Generated MW	Sent Out MW
15 Nov	3,545.60	3,495.03
14 Nov	3,448.53	3,398.40
13 Nov	3,529.33	3,475.55
12 Nov	3,320.43	3,269.19
11 Nov	2,970.07	2,922.52
10 Nov	3,309.70	3,259.43
9 Nov	3,411.02	3,359.59
8 Nov	3,482.11	3,433.02
7 Nov	3,537.34	3,483.76
6 Nov	3,556.82	3,504.96
5 Nov	3,647.59	3,585.71
4 Nov	3,650.25	3,592.53
3 Nov	3,689.48	3,632.50
2 Nov	3,641.24	3,587.41
1 Nov	3,251.83	3,205.07

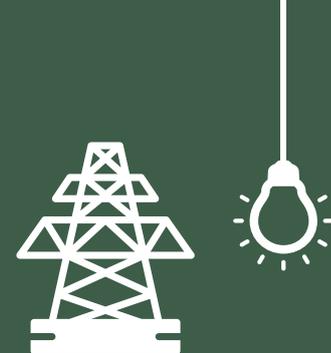
(Generated MW and Sent Out MW)



Power Generation - Q4 2016

(Generated MWH and Sent Out MWH)

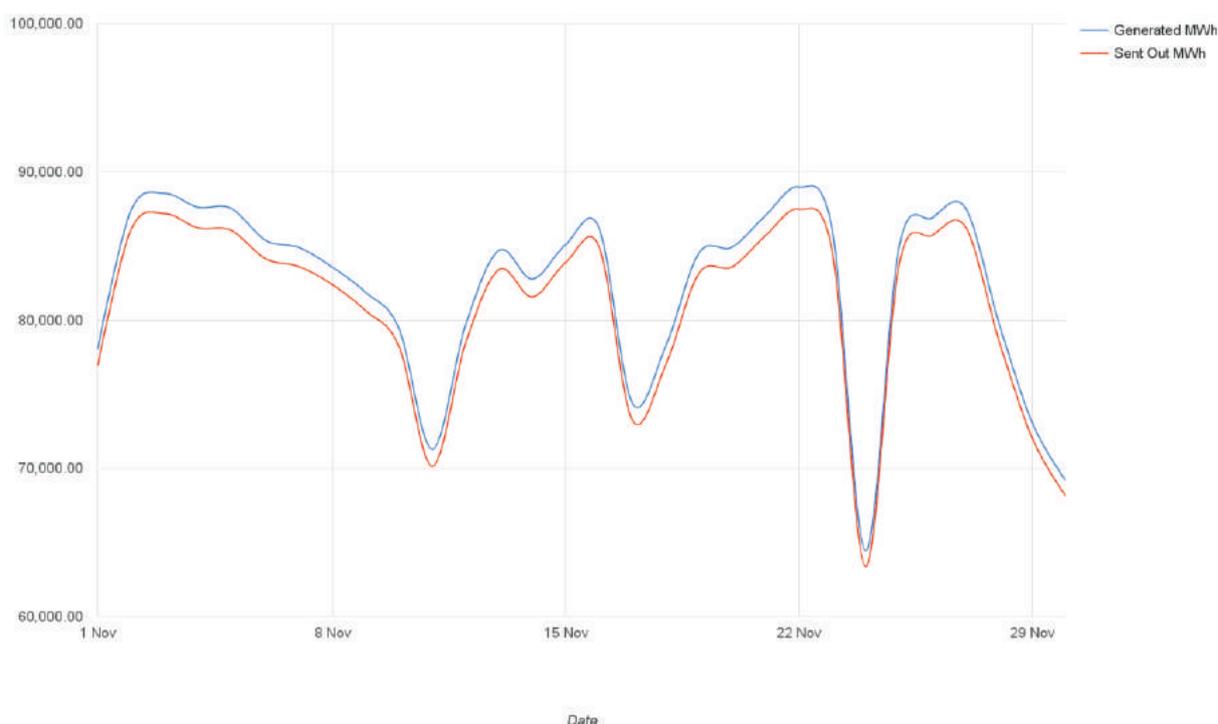
November 2016



Date	Generated MWH	Sent Out MWH
30 Nov	69,195	68,146
29 Nov	73,076	72,035
28 Nov	79,806	78,627
27 Nov	87,551	86,276
26 Nov	86,900	85,710
25 Nov	84,868	83,673
24 Nov	64,446	63,384
23 Nov	86,052	84,605
22 Nov	88,970	87,477
21 Nov	87,059	85,705
20 Nov	84,918	83,591
19 Nov	84,523	83,163
18 Nov	78,212	76,953
17 Nov	74,403	73,243
16 Nov	86,232	84,961

Date	Generated MWH	Sent Out MWH
15 Nov	85,094	83,881
14 Nov	82,765	81,562
13 Nov	84,704	83,413
12 Nov	79,690	78,461
11 Nov	71,282	70,140
10 Nov	79,433	78,226
9 Nov	81,864	80,630
8 Nov	83,571	82,392
7 Nov	84,896	83,610
6 Nov	85,364	84,119
5 Nov	87,542	86,057
4 Nov	87,606	86,221
3 Nov	88,548	87,180
2 Nov	87,390	86,098
1 Nov	78,044	76,922

(Generated MWH and Sent Out MWH)



Power Generation - Q4 2016

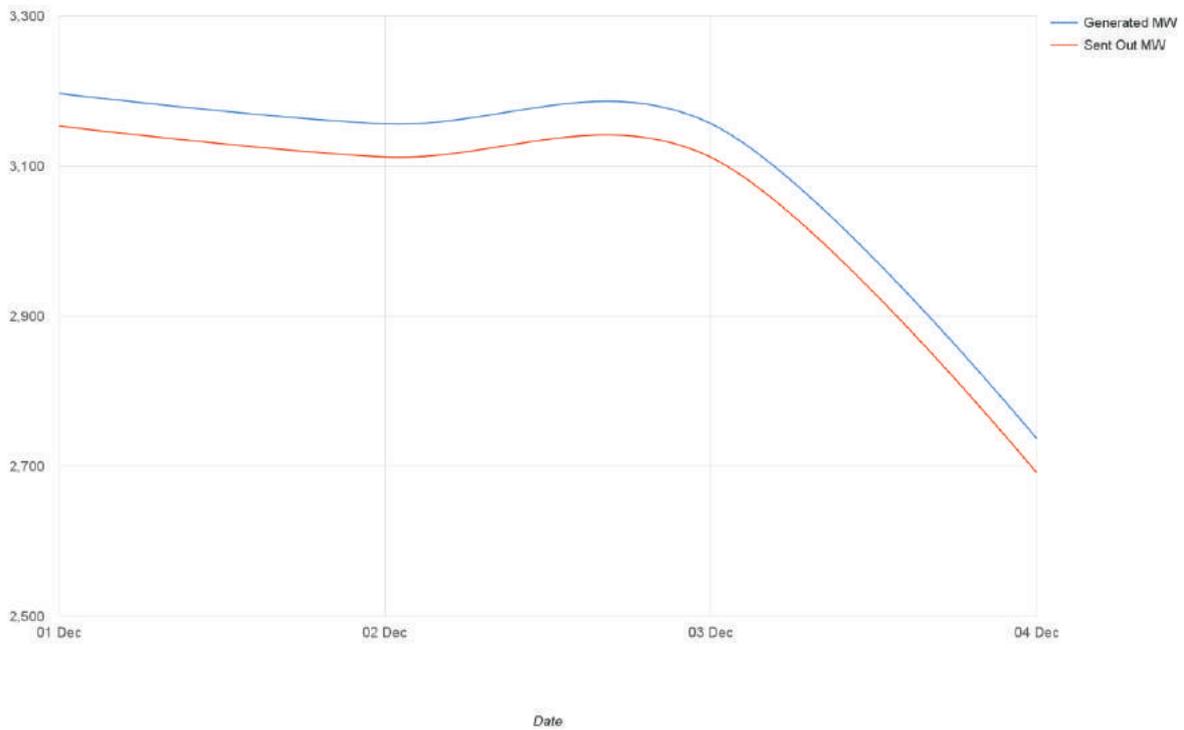
(Generated MW and Sent Out MW)

December 2016



Date	Generated MW	Sent Out MW
04 Dec	2,737.34	2,691.70
03 Dec	3,157.07	3,112.19
02 Dec	3,156.49	3,112.35
01 Dec	3,197.03	3,153.86

(Generated MW and Sent Out MW)



Power Generation - Q4 2016

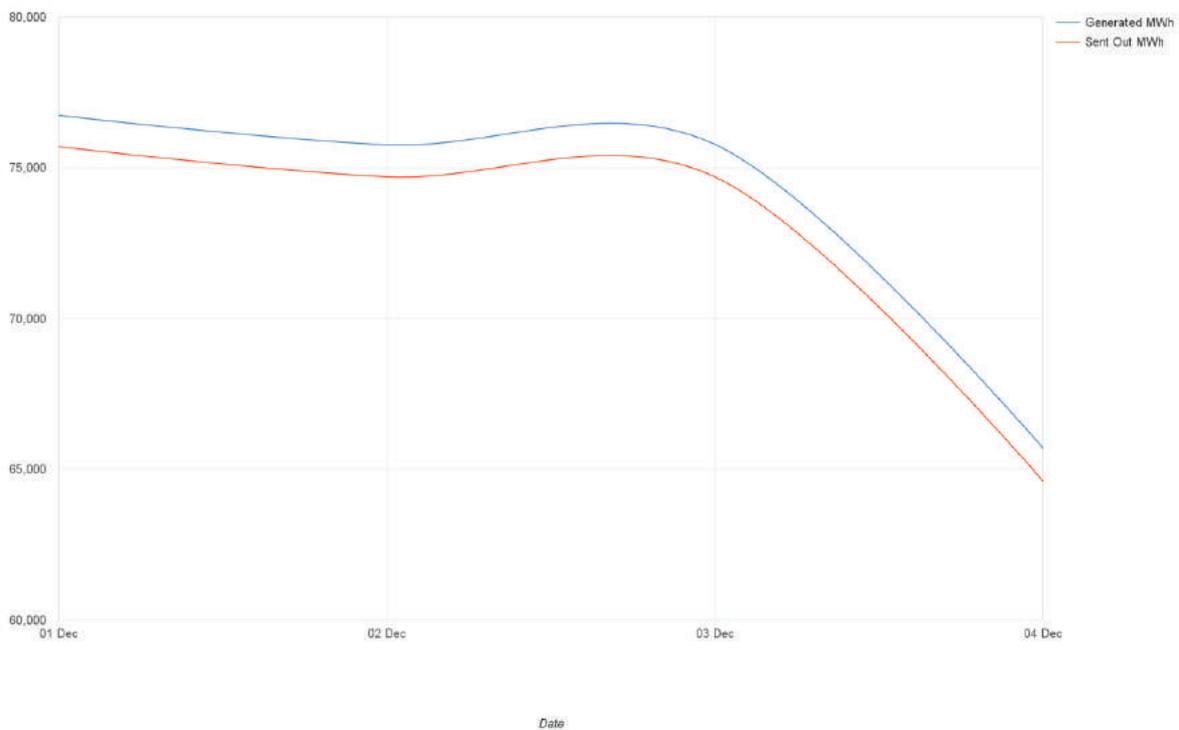
(Generated MWH and Sent Out MWH)

December 2016



Date	Generated MWH	Sent Out MWH
04 Dec	65,696	64,601
03 Dec	75,770	74,693
02 Dec	75,756	74,696
01 Dec	76,729	75,693

(Generated MWH and Sent Out MWH)



Methodology and Advice to Users of Our Reports

Methodology

Data is supplied administratively by Nigerian Electricity Regulatory Commission (NERC) and verified and validated by the National Bureau of Statistics, Nigeria (NBS).

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Acknowledgements/Contacts

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