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PLN Statistics

2015

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PLN Statistics

2015

PLN Statistics 2015 contains information on performances of PT PLN (Persero) and its Subsidiary Companies for Calender Year 2015 as well as the preceding years.

Data are presented in the form of tables with a breakdown for each Province within PLN's Regional and Distribution Offices. Graphics are included to highlight important information.

Constructive comments and feedback are expected for the improvement of the presentation, and will be incorporated in the next publication.

Jakarta, May 2016

PT PLN (Persero)

1. Generation

Installed Capacity

At the end of December 2015 PT PLN (Persero) and Subsidiary Companies owned and operated about 5,218 generating units with total installed capacity of 40,265.26 MW, of which 27,867.88 MW (69.21%) was installed in Java. The total installed capacity was up 2.57% from December 2014.

The total generating plant capacity broken down by type of power plant as follow : Steam Turbine 21,087.15 MW (52.37%), Combine Cycle 8,894.10 MW (22.09%), Diesel 3,175.77 MW (7.89%), Hydro 3,566.17 MW (8.86%), Gas Turbine 2,981.31 MW (7.40%), Geothermal 550.89 MW (1.37%), Solar Cell and Wind 9.87 MW (0.02%). Total installed capacity included rental and IPP were 52,859.29 MW.

Peak Load

The system peak load for the calendar year 2015 was 33,381.08 MW, increased 0.18% over the previous year. The peak load for the Java Bali system was 24,258 MW. This was up 1.50% over the previous year.

Energy Production and Purchase

The own energy production (included rented) throughout the CY 2015 was 176,472.21 GWh, up 0.67% over the previous year. Of the energy production, 61.55% was produced by PT PLN (Persero) Holding, and 38.45% came from Subsidiary Companies, i.e. PT Indonesia Power, PT PJB, PT PLN Batam and PT PLN Tarakan. Of this energy production 51,358.66 GWh (29.10%) was produced by natural gas, 91,041.86 GWh (51.59%) was produced by coal fired, 19,017.36 GWh (10.78%) was produced by oil, 10,004.86 GWh (5.67%) was produced by hydro, 4,391.55 GWh (2.49%) was produced by geothermal and 657.94 GWh (0.37%) came from others. The share of oil and hydro decreased over the previous year, but natural gas, coal, and geothermal was increased.

The total production (including purchase from utilities outside PLN) during the 2015 was 233,981.99 GWh, an increased of 5,427.08 GWh or 2.37% over the previous year. Of this energy production, the energy purchased from other utilities outside PLN amounted 57,509.77 GWh (24.58%). This was increased 4,251.84 GWh or 7.98% over the previous year. From the total energy purchased, the greater part were 8,219 GWh (17.29%) from PT Jawa Power, and 9,010 GWh (15.67%) from PT Paiton Energy Company.

2. Transmission and Distribution

At the end of 2015, the total transmission lines was 41,682.56 kmc of which about 5,053.00 kmc was 500 KV, 1,512.71 kmc was 275 KV, 30,833.64 kmc was 150 KV, 4,279.05 kmc was 70 KV and 4.16 kmc was 25 and 30 KV transmission levels. The total length of distribution lines amounted of 890,091.16 kmc of which about 346,970.50 kmc was medium voltage lines (20 KV, 12 KV, 6-7 KV distribution networks) and 543,120.66 kmc was low voltage lines (220/380 V).

The total capacity of substation transformers operated was 92,651 MVA, increased by 7.15% over the previous year. The total substation transformers was 1,499 unit. This consisted of 57 substation transformers with 500 KV system, 9 substation transformers with 275 KV system, 1,232 substation transformers with 150 KV system, 200 substation transformers with 70 KV system and 1 substation transformers with < 30 KV system.

Total capacity of distribution substation transformers increased by 7.72% to be 50,151 MVA and the total substation transformers increased by 4.44% to be 405,534 units.

Summary

3. Energy Sales

PLN's total energy during 2015 was 202,845.82 GWh, up 2.14% from the previous year. Among group of customers, energy sold to Residential was the major share, consuming 88,682.13 GWh (43.72%) followed by Industry 64,079.39 GWh (31.59%), Commercial 36,978.05 GWh (18.23%), and Others (social, government office building, and public street lighting) 13,106.25 GWh (6.46%).

Electricity sold to Residential, Commercial, and Others group of customers increased by 5.47%, 1.92%, and 6.35%, but for Industry decreased by 2.78%.

Total number of customers was 61,167,980 at the end of 2015. This was up 6.39% from the end of 2014. PLN's average power rate per kWh throughout 2015 was 1,034.50 Rp/kWh, was increased compared previous year of 939.74 Rp/kWh.

4. Energy Losses

During the years of 2015, energy losses were 9.77%, consisting of 2.33% transmission losses and 7.63% distribution losses. This was higher than the previous year 9.71%.

5. Electrification Ratio

With the growth of total number of customers from 57,493,234*) at the end of 2014 to 61,167,980*) at the end of 2015, the electrification ratio reached around 86.20%.

6. Financial

In the year of 2015, total operation revenues reached Rp. 217,346,990 million out of which electric revenues came to Rp. 209,844,541 million (96.55%), connection fees Rp 6,141,335 million (2.83%) and other operation revenues Rp. 1,361,114 million (0.63%).

Total operation cost amounted Rp. 246,012,286 million, government subsidy Rp. 56,552,532 million while the operation profit came to Rp. 27,887,236 million, a significant decreased over the previous year that operation profit amounted Rp. 45,811,221 million.

The total asset amounted to approximately Rp. 1,227,355,512 million, increased 103.32% from the previous year.

7. Human Resources

By the end of December 2015, the total number of PLN employees was 47,594 employee. Employees productivity by the year of 2015 was 4,262 MWh/employee and 1,285 customer/employee.

*) Not included non-PLN Customers

Explanation

1. The formulas used in this book are defined as follows.

1.1. The *Capacity Factor* *)

$$\frac{\sum \text{kWh gross production annually}}{\sum \text{kW installed capacity} \times 8.760 \text{ hours}} \times 100\%$$

kWh gross production is the energy (kWh) generated by the generator before deducting the energy used for own purpose (for auxiliary equipment, station lighting, etc.) or the production of electric energy measured at the generator terminal.

Installed capacity is the capacity of one generating unit as written on the generator name plate or on the prime mover, which of both is the smaller. Particularly for Gas Turbine Power Plants, the installed capacity is as written on the name plate based on the base-load and not on the peak-load.

1.2. *Load Factor* *)

$$\frac{\sum \text{kWh total production annually}}{\sum \text{kW peak load} \times 8.760 \text{ hours}} \times 100\%$$

kWh total production is the total kWh produced by the generator of the PLN unit in question plus the kWh received from the other PLN units plus the kWh purchased from outside PLN (if any).

Peak Load is the highest load over reached by each system in the calendar year in question.

1.3. *Demand Factor*

$$\frac{\sum \text{kW peak load}}{\sum \text{kVA connected} \times \cos \varphi} \times 100\%$$

$\cos \varphi = 0,8$

*) Circular Letter of the PLN BOD No. 006/PST/88

Explanation

1.4. Energy Losses

$$\frac{\sum \text{kWh transmission losses} + \sum \text{kWh distribution losses}}{\sum \text{kWh netto production}} \times 100\%$$

kWh netto production is the energy (kWh) generated by the generator, plus the energy (kWh) received from the other PLN Unit, plus the energy (kWh) purchased from outside PLN and rented (if any), minus the energy (kWh) used for central own purpose.

kWh transmission losses is kWh netto production, minus the energy (kWh) used for substation transformer own purpose, minus the energy (kWh) sent to other PLN Unit and outside PLN, minus the energy (kWh) sent to Distribution.

kWh distribution losses is the energy (kWh) sent to Distribution, minus the energy (kWh) used for distribution substation transformer own purpose, minus the energy (kWh) sold.

1.5. SAIDI (*System Average Interruption Duration Index*) **)

$$\frac{\sum (\text{Duration of customers who are blackout} \times \text{Number of customers who are blackout})}{\text{Number of customers}}$$

1.6. SAIFI (*System Average Interruption Frequency Index*) **)

$$\frac{\sum (\text{Number of customers who are blackout})}{\text{Number of customers}}$$

**) Blackout at distribution lines which are experienced by customers, due to interruption or maintenance at generation as well as transmission lines (Circular of the PLN BOD.
(SE Direksi PLN No. SE.031.E/471/PST/1993).

1.7. SOD (*System Outage Duration*) : Interruption duration which cause blackout

$$100 \text{ kmc transmission lines}$$

SOD (System Outage Duration) is a performance indicator of outage duration which cause blackout at services point of transmission lines, measured with hours per 100 kmc.

1.8. SOF (*System Outage Frequency*) : Number of interruption which cause blackout

100 kms transmission lines

SOF (System Outage Frequency) is a performance indicator of outage number which cause blackout at services point of transmission lines, measured with times per 100 kmc.

2. Data grouping

2.1. Data on generation

In the data on Hydro (Hydro Power Plant/HPP) have been included the data on Mini/micro Hydro Power Plant (MHPP), i.e. hydro power plants with a generating capacity of 1,000 kW and less (Circular letter No. 006/PST/88).

2.2. Data on customers by tariff category

2.2.1. By type of customers

Residential group : i.e. the total of tariff categories S-1, R-1, R-2, and R-3

Business group : i.e. the total of tariff categories B-1, B-2, B-3, T, C and M.

Industrial group : i.e. the total of tariff categories I-1, I-2, I-3, and I-4.

Social group : i.e. total of tariff categories S-2, and S-3.

Government office building group : i.e. the total of tariff categories P-1 and P-2.

Public street lighting group : i.e. tariff categories P-3.

2.2.2. By type of voltage

Low Voltage is total of tariff categories S-1, S-2, R-1, R-2, R-3, B-1, B-2, I-1, I-2, P-1 and P-3.

Medium Voltage is total of tariff categories S-3, B-3, I-3, P-2, Traction (T) and C (Bulk).

High Voltage is tariff categories I-4.

Multipurpose is multipurpose tariff just for special electric power consumer with special demand of quality which could not be included to S, R, B, I, P, T (Traction) and C (Bulk) Category.

Explanation

3. Energy Sold

The energy sold to customer is the energy (kWh) sold to HV (high voltage), MV (medium voltage) and LV (low voltage) customers according to the total kWh, for which the bill is made (TUL III-09).

4. Data status

The year 2015 means one calendar year as from 1 January 2015 to 31 December 2015.

5. Abbreviations

Hydro	: Hydro Power Plant	MMSCF	: 10^6 Standard Cubic Foot (MM=10 ⁶)
Steam	: Steam Power Plant	MMBTU	: 10^6 British Thermal Unit (MM=10 ⁶)
Gas Turbine	: Gas Turbine Power Plant	HSD	: High Speed Diesel Oil
Combined Cycle	: Combined Cycle Power Plant	IDO	: Intermediate Diesel Oil
Diesel	: Diesel Power Plant	MFO	: Marine Fuel Oil
Geothermal	: Geothermal Power Plant	SAIDI	: System Average Interruption Duration Index
Gas Machine	: Gas Machine Power Plant	SAIFI	: System Average Interruption Frequency Index
Solar	: Solar Power Plant	Dist.	: Distribution
Wind	: Wind Power Plan	G & T	: Generation & Transmission
VA	: volt-ampere	Gov. Office Building	: Government Office Building
MVA	: mega-volt-ampere	Publ. Street	: Public Street Lighting
kW	: kilowatt	PJB	: Java Bali Generation Company
MW	: megawatt	SOD	: System Outage Duration
kWh	: kilowatt-hour	SOF	: System Outage Frequency
MWh	: megawatt-hour	n.a	: not available
GWh	: gigawatt-hour		
kmc	: kilometer of circuit		
MSCF	: 10^3 Standard Cubic Foot (M=10 ³)		

British Thermal Unit (BTU) is the amount of heat needed to raise 1 pound of water with 1 degree Fahrenheit at a temperature of 60 degree Fahrenheit at an absolute pressure of 14.7 pound per square inch.

Standard Cubic Foot (SCF) is the amount of gas needed to fill a space of 1 cubic Foot with an absolute pressure of 14.7 pound per square inch at temperature of 60 degree Fahrenheit in a dry condition.

1000 BTU Gas is Gas having a Gross Heating Value of 1,000 BTU per SCF.

Gross Heating Value is the amount of heat expressed in BTU units resulting from the combustion of 1 standard cubic foot of gas, at temperature of 60 degrees Fahrenheit and absolute pressure of 14.7 pounds per square inch, with air at the same temperature and pressure as the gas and after cooling of the combustion result at the initial temperature of the gas and air, the vapour formed in the combustion process is condensed in liquid form.

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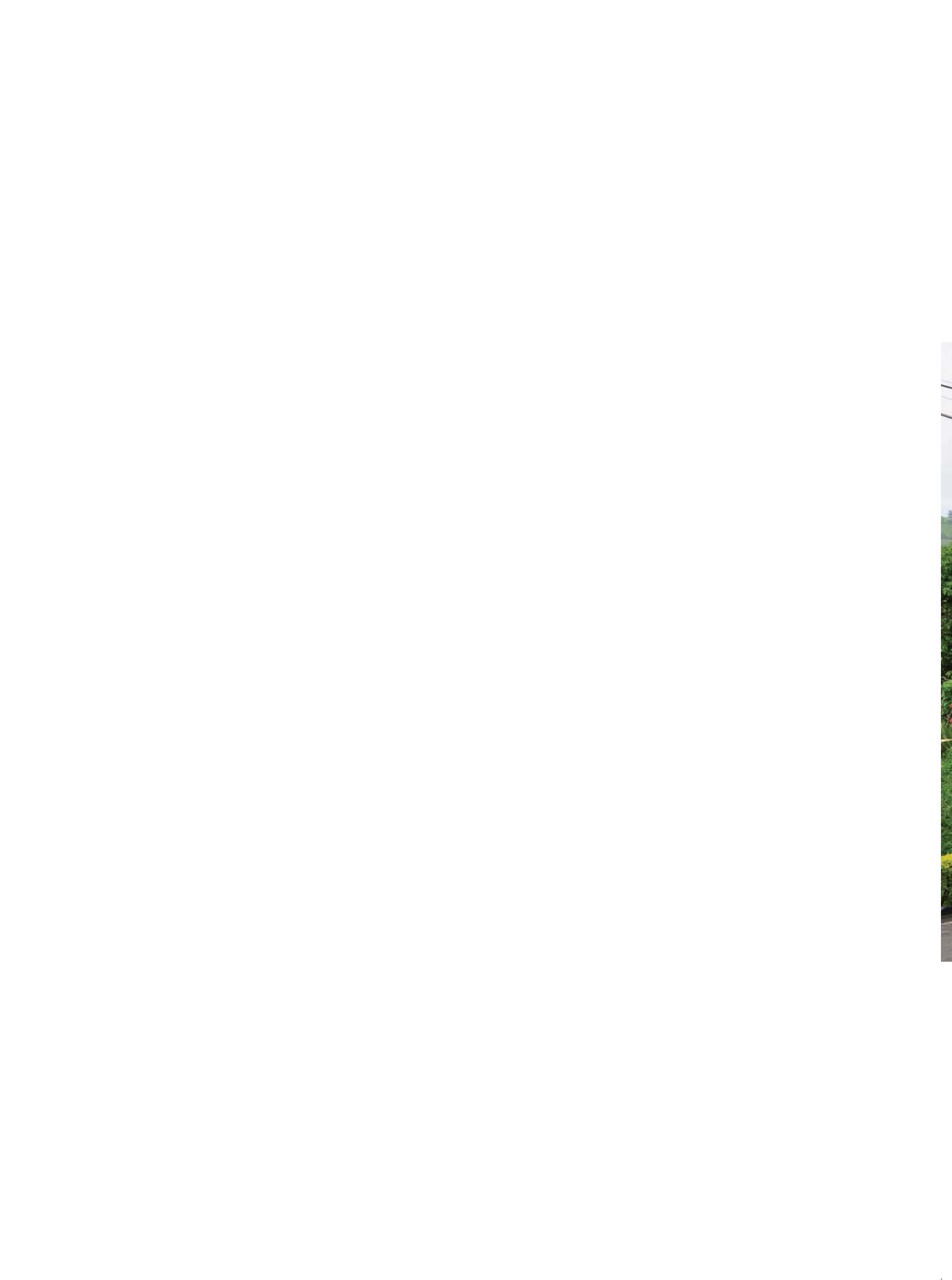
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Table 1 : Power Balance (MW)

2015

PLN Operational Unit/Province	Installed Capacity *)	Rated Capacity	Peak Load
Region of Aceh	125.90	62.47	119.64
Region of North Sumatera	14.65	5.60	40.26
Region of West Sumatera	34.23	18.10	33.33
Region of Riau	191.34	119.10	320.59
- Riau	82.53	40.11	-
- Riau Archipelago	108.81	79.00	-
Region South Sumatera, Jambi, and Bengkulu	54.57	27.36	149.36
- South Sumatera	7.38	4.25	-
- Jambi	21.31	11.35	-
- Bengkulu	25.89	11.77	-
Region of Bangka Belitung	165.36	75.77	183.58
Distribution of Lampung	1.12	0.92	48.00
Region of West Kalimantan	227.97	143.90	412.36
Region of S & C Kalimantan	522.58	403.40	786.82
- South Kalimantan	450.93	359.08	-
- Central Kalimantan	71.65	44.32	-
Region of East Kalimantan & North	489.09	335.75	664.72
Region of N, C Sulawesi & Gorontalo	461.68	330.08	544.52
- North Sulawesi	294.53	233.59	-
- Gorontalo	29.66	16.95	-
- Central Sulawesi	137.50	79.54	-
Region of S, SE & W Sulawesi	581.03	434.05	1,286.58
- South Sulawesi	450.35	334.33	-
- Southeast Sulawesi	127.47	97.83	-
- West Sulawesi	3.22	1.89	-
Region of Maluku & North Maluku	200.56	117.36	175.68
- Maluku	141.75	82.68	-
- North Maluku	58.81	34.69	-
Region of Papua	170.16	122.69	229.75
- Papua	114.19	85.65	-
- West Papua	55.98	37.05	-
Distribution of Bali	3.26	2.11	4.52
Region of West Nusa Tenggara	139.20	96.66	301.57
Region of East Nusa Tenggara	202.21	94.75	158.23
PT PLN Batam	128.76	101.02	384.90
PT PLN Tarakan	31.22	14.05	36.70
Generation of Northern Part of Sumatera	2,758.40	1,718.49	-
Generation of Southern Part of Sumatera	2,332.09	1,825.59	-
Sumatera Trans, and Control Center	-	-	3,230.43
Outs ide Java	8,835.38	6,049.22	9,111.54
Dist. East Java	9.43	6.90	11.38
Dist. of Central Java & Yogyakarta	0.66	0.57	-
- Central Java	0.48	0.39	-
- D.I. Yogyakarta	0.18	0.18	-
Dist. of West Java & Banten	0.20	0.16	0.16
- West Java	-	-	-
- Banten	0.20	0.16	-
Dist. of Jakarta Raya & Tangerang	-	-	-
PT Indonesia Power	9,042.11	8,242.27	-
PT Java Bali Genco	7,022.34	6,303.78	-
Java Bali Trans. and Control Center	-	-	24,258.00
Generation of Tanjung Jati B	2,840.00	2,840.00	-
Generation Unit of Java Bali	8,953.14	8,161.00	-
Java	27,867.88	25,554.68	24,269.54
Construction Unit I	184.00	-	-
Construction Unit VIII	3,040.00	1,852.00	-
Construction Unit IX	174.00	174.00	-
Construction Unit X	100.00	100.00	-
Construction Unit XI	64.00	64.00	-
Indonesia	40,265.26	33,793.90	33,381.08

*) PLN's Installed Capacity

Annual Data 2015

Table 2 : Energy Balance

PLN Operational Unit/Province	Purchased from Outside PLN	Received from Other Unit (GWh)	Own Production *) (GWh)	Own Use Central (GWh) (%)		Netto Production (GWh)	Own Use Substation Transformer (GWh) (%)	
				Own Use Central (GWh)	(%)	Netto Production (GWh)	Own Use Substation Transformer (GWh)	(%)
Region of Aceh	64.59	1,854.44	519.21	3.37	0.65	2,434.87	-	-
Region of North Sumatera	486.36	9,587.42	122.97	0.11	0.09	10,196.64	-	-
Region of West Sumatera	52.88	3,112.87	178.33	1.26	0.71	3,342.82	-	-
Region of Riau	242.74	3,206.69	1,395.22	15.09	1.08	4,829.56	0.02	-
Region South Sumatera, Jambi, and Bengkulu	821.90	7,237.60	109.68	0.10	0.09	8,169.09	-	-
Region of Bangka Belitung	67.31	-	923.29	29.37	3.18	961.23	0.39	0.04
Distribution of Lampung	144.45	4,301.89	0.13	-	-	4,446.47	-	-
Region of West Kalimantan	97.60	-	2,294.67	37.69	1.64	2,354.58	0.84	0.04
Region of S & C Kalimantan	750.62	-	3,138.90	199.49	6.36	3,690.03	1.71	0.05
Region of East Kalimantan & North	1,787.17	0.25	1,543.01	26.36	1.71	3,304.07	1.19	0.04
Region of N, C Sulawesi & Gorontalo	646.39	7.17	2,475.08	94.70	3.83	3,033.94	1.25	0.04
Region of S, SE & W Sulawesi	3,765.83	2.19	2,733.67	116.60	4.27	6,385.09	15.62	0.24
Region of Maluku & North Maluku	-	-	951.73	27.43	2.88	924.30	-	-
Region of Papua	229.56	-	1,135.88	45.79	4.03	1,319.65	-	-
Distribution of Bali	3.08	4,862.83	0.31	0.02	6.45	4,866.20	-	-
Region of West Nusa Tenggara	114.83	-	1,514.65	76.28	5.04	1,553.21	0.54	0.03
Region of East Nusa Tenggara	13.48	-	817.01	32.34	3.96	798.15	0.10	0.01
PT PLN Batam	757.80	-	1,429.35	0.82	0.06	2,186.33	0.90	0.04
PT PLN Tarakan	15.80	-	210.81	2.20	1.04	224.41	-	-
Generation of Northern Part of Sumatera	-	81.46	12,428.22	411.34	3.31	12,098.33	-	-
Generation of Southern Part of Sumatera	-	125.28	11,740.60	592.77	5.05	11,273.10	-	-
Sumatera Trans. and Control Center	6,010.91	24,235.98	-	-	-	30,246.89	15.64	0.05
Outside Java	16,073.31	4,862.83	45,662.72	1,713.11	3.75	64,885.75	38.20	0.06
Dist. of East Java	43.27	32,864.97	42.94	-	-	32,951.19	-	-
Dist. of Central Java & Yogyakarta	8.61	24,437.91	-	-	-	24,446.52	-	-
Dist. of West Java & Banten	87.79	54,778.54	0.52	0.05	9.62	54,866.80	-	-
Dist. of Jakarta Raya & Tangerang	-	45,970.28	-	-	-	45,970.28	-	-
PT Indonesia Power	-	220.96	39,733.18	1,718.41	4.32	38,235.73	-	-
PT Java Bali Genco	-	136.09	26,483.97	1,092.51	4.13	25,527.55	-	-
Java Bali. and Control Center	41,296.79	124,696.13	-	-	-	165,992.92	77.40	0.05
Generation of Tanjung Jati B	-	17.00	18,674.84	1,185.18	6.35	17,506.65	-	-
Generation Unit of Java Bali	-	250.19	45,874.04	2,549.35	5.56	43,574.89	-	-
Java	41,436.46	-	130,809.49	6,545.50	5.00	165,700.45	77.40	0.05
Indonesia	57,509.77	-	176,472.21	8,258.61	4.68	225,723.37	115.60	0.05

Note: *) Including rented of other plant

**) Including send to outside PLN

***) Own use for Substation and Distribution Substation Transformer

Transmission Losses		Send Other (GWh)	Send to Distribution Unit **) (GWh)	Distr. Substation (GWh)	Own Use		Energy Losses		Energy Losses & Own Use ***) (GWh)		Energy Consumption (GWh)		
	(%)			(%)	Distr. Losses (GWh)	(%)	Energy Losses (GWh)	(%)	(%)		(%)		
-	-	0.08	2,434.79	2.19	0.09	313.60	12.88	313.61	12.88	315.80	12.97	2,118.99	87.03
-	-	209.61	9,987.03	0.74	0.01	1,282.53	12.58	1,282.62	12.58	1,283.36	12.59	8,703.66	85.36
-	-	4.42	3,338.40	3.12	0.09	271.99	8.14	271.99	8.14	275.11	8.23	3,063.29	91.64
0.15	-	25.33	4,804.07	4.34	0.09	557.75	11.55	557.90	11.55	562.26	11.64	4,241.98	87.83
-	-	607.69	7,561.40	7.35	0.09	947.35	11.60	947.35	11.60	954.70	11.69	6,606.71	80.87
3.68	0.38	-	957.16	3.23	0.34	90.71	9.44	96.09	10.00	99.71	10.37	861.52	89.63
-	-	192.65	4,253.82	68.60	1.54	614.22	13.81	614.22	13.81	682.82	15.36	3,571.00	80.31
5.19	0.22	-	2,348.56	28.99	1.23	329.93	14.01	335.11	14.23	364.94	15.50	1,989.64	84.50
44.00	1.19	0.25	3,644.07	-	-	407.79	11.05	451.80	12.24	453.51	12.29	3,236.28	87.70
29.30	0.89	-	3,273.59	3.38	0.10	262.92	7.96	292.21	8.84	296.78	8.98	3,007.29	91.02
29.86	0.98	2.19	3,000.64	1.80	0.06	348.64	11.49	378.50	12.48	381.55	12.58	2,650.20	87.35
189.37	2.97	7.17	6,172.93	8.00	0.13	723.47	11.33	912.56	14.29	936.18	14.66	5,441.75	85.23
-	-	-	924.30	-	-	85.36	9.24	85.36	9.24	85.36	9.24	838.94	90.76
-	-	-	1,319.65	-	-	100.75	7.63	100.75	7.63	100.75	7.63	1,218.90	92.37
-	-	-	4,866.20	-	-	272.03	5.59	272.03	5.59	272.03	5.59	4,594.16	94.41
8.32	0.54	-	1,544.35	0.15	0.01	141.90	9.14	150.22	9.67	150.92	9.72	1,402.29	90.28
0.70	0.09	-	797.35	0.08	0.01	47.52	5.95	48.22	6.04	48.40	6.06	749.75	93.94
3.61	0.17	-	2,181.82	1.83	0.08	140.75	6.44	144.36	6.60	147.09	6.73	2,039.24	93.27
-	-	-	224.41	-	-	17.91	7.98	17.91	7.98	17.91	7.98	206.50	92.02
-	-	12,098.33	-	-	-	-	-	-	-	-	-	-	-
-	-	11,273.10	-	-	-	-	-	-	-	-	-	-	-
889.78	2.94	29,341.47	-	-	-	-	-	889.78	2.94	905.42	2.99	-	-
1,203.96	1.86	53,762.28	63,634.54	133.80	0.21	6,957.11	5.93	8,162.59	12.58	8,334.60	12.85	56,542.10	87.14
-	-	0.11	32,951.08	-	-	2,126.32	6.45	2,126.27	6.45	2,126.27	6.45	30,824.81	93.55
-	-	0.57	24,445.95	-	-	1,553.61	6.36	1,553.61	6.36	1,553.61	6.36	22,892.34	93.64
-	-	443.62	54,423.18	124.95	0.23	3,040.32	5.54	3,040.27	5.54	3,165.22	5.77	51,257.96	93.42
-	-	1,353.93	44,616.35	156.30	0.34	3,131.44	6.81	3,131.44	6.81	3,287.74	7.15	41,328.61	89.90
-	-	38,235.73	-	-	-	-	-	-	-	-	-	-	-
-	-	25,527.55	-	-	-	-	-	-	-	-	-	-	-
4,044.12	2.44	161,871.39	-	-	-	-	-	4,044.12	2.44	4,121.53	2.48	-	-
-	-	17,506.65	-	-	-	-	-	-	-	-	-	-	-
-	-	43,574.89	-	-	-	-	-	-	-	-	-	-	-
4,044.12	2.44	4,862.83	156,436.56	281.25	0.17	9,851.70	6.11	13,895.71	8.39	14,254.37	8.60	146,303.72	88.29
5,248.08	2.33	288.59	220,071.10	415.06	0.18	16,808.81	7.63	22,058.30	9.77	22,588.97	10.01	202,845.82	89.86

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Table 3 : Load Factor, Capacity Factor and Demand Factor

2015

PLN Operational Unit/ Province	Load Factor (%)	Capacity Factor (%)	Demand Factor (%)
Region of Aceh	55.70	47.08	7.64
Region of North Sumatera	172.77	95.82	0.73
Region of West Sumatera	79.19	59.47	1.76
Region of Riau	58.32	83.24	11.20
- Riau	-	-	-
- Riau Archipelago	-	67.28	-
Region of South Sumatera, Jambi & Bengkulu	71.20	22.94	3.21
- South Sumatera	-	0.85	-
- Jambi	-	14.07	-
- Bengkulu	-	36.54	-
Region of Bangka Belitung	61.60	63.74	26.29
Distribution of Lampung	34.38	1.33	1.74
Region of West Kalimantan	66.23	114.90	28.73
Region of S & C Kalimantan	56.43	68.57	36.52
- South Kalimantan	-	65.37	-
- Central Kalimantan	-	88.69	-
Region of East Kalimantan & North	57.19	36.01	35.21
Region of N, C Sulawesi & Gorontalo	65.44	61.20	28.36
- North Sulawesi	-	62.16	-
- Gorontalo	-	-	-
- Central Sulawesi	-	48.81	-
Region of S, SE & W Sulawesi	57.67	53.71	31.27
- South Sulawesi	-	47.36	-
- Southeast Sulawesi	-	75.79	-
- West Sulawesi	-	67.00	-
Region of Maluku & North Maluku	61.84	54.17	26.88
- Maluku	-	62.93	-
- North Maluku	-	33.07	-
Region of Papua	67.84	76.20	22.93
- Papua	-	85.39	-
- West Papua	-	57.45	-
Distribution of Bali	8.56	1.09	0.13
Region of West Nusa Tenggara	61.68	124.21	22.45
Region of East Nusa Tenggara	59.92	46.12	19.03
PT PLN Batam	64.87	126.72	24.43
PT PLN Tarakan	70.49	77.08	26.72
Generation of Northern Part of Sumatera	-	51.43	-
Generation of Southern Part of Sumatera	-	57.47	-
Sumatera Trans. and Control Center	21.24	-	-
 O u t s i d e J a v a	 77.35	 59.00	 22.45
Dist. of East Java	86.47	51.98	0.06
Dist. of Central Java & Yogyakarta	-	17.12	-
- Central Java	-	23.54	-
- D.I. Yogyakarta	-	-	-
Dist. of West Java & Banten	-	29.68	-
- West Java	-	-	-
- Banten	-	29.68	-
Dist. of Jakarta Raya & Tangerang	-	-	-
PT Indonesia Power	-	50.16	-
PT Java Bali Genco	-	43.05	-
Java Bali Trans. and Control Center	19.43	-	-
Generation of Tanjung Jati B	-	75.06	-
Generation Unit of Java Bali	-	-	-
 J a v a	 81.02	 53.58	 26.20
 I n d o n e s i a	 80.02	 50.53	 25.06

Table 4 : Number of Customers by Type of Customers**2015**

PLN Operational Unit/ Province	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	(%)
Region of Aceh	1,117,644	1,884	81,964	35,575	7,224	1,353	1,245,644	2.04
Region of North Sumatera	2,975,872	3,724	111,302	57,716	7,836	14,841	3,171,291	5.18
Region of West Sumatera	1,092,964	384	89,284	30,136	5,536	2,626	1,220,930	2.00
Region of Riau	1,265,364	320	117,283	24,005	5,467	3,114	1,415,553	2.31
- Riau	1,087,916	243	95,760	20,551	4,073	2,716	1,211,259	1.98
- Riau Archipelago	177,448	77	21,523	3,454	1,394	398	204,294	0.33
Region of South Sumatera, Jambi & Bengkulu	2,524,005	813	103,294	44,713	10,110	6,678	2,689,613	4.40
- South Sumatera	1,746,804	598	63,267	30,234	6,203	4,658	1,851,764	3.03
- Jambi	371,983	158	24,769	6,863	1,916	1,284	406,973	0.67
- Bengkulu	405,218	57	15,258	7,616	1,991	736	430,876	0.70
Region of Bangka Belitung	342,916	229	18,973	5,647	2,105	1,011	370,881	0.61
Distribution of Lampung	1,652,802	596	37,821	35,126	3,253	1,556	1,731,154	2.83
Region of West Kalimantan	832,735	395	60,447	18,127	4,036	2,266	918,006	1.50
Region of S & C Kalimantan	1,326,457	670	96,101	34,992	8,096	3,460	1,469,776	2.40
- South Kalimantan	923,096	527	44,353	23,886	4,434	2,356	998,652	1.63
- Central Kalimantan	403,361	143	51,748	11,106	3,662	1,104	471,124	0.77
Region of East Kalimantan & North	786,873	315	48,573	14,904	4,334	1,995	856,994	1.40
Region of N, C Sulawesi & Gorontalo	1,229,159	686	45,815	30,103	7,478	1,745	1,314,986	2.15
- North Sulawesi	535,329	371	21,562	12,284	2,805	706	573,057	0.94
- Gorontalo	204,233	108	6,141	5,314	1,417	365	217,578	0.36
- Central Sulawesi	489,597	207	18,112	12,505	3,256	674	524,351	0.86
Region of S, SE & W Sulawesi	2,168,596	1,740	110,426	40,071	11,993	3,737	2,336,563	3.82
- South Sulawesi	1,655,020	1,518	82,362	29,103	7,680	2,980	1,778,663	2.91
- Southeast Sulawesi	349,560	160	17,720	7,035	3,071	591	378,137	0.62
- West Sulawesi	164,016	62	10,344	3,933	1,242	166	179,763	0.29
Region of Maluku & North Maluku	434,230	84	25,499	10,108	3,826	589	474,336	0.78
- Maluku	261,961	69	16,482	5,870	2,090	176	286,648	0.47
- North Maluku	172,269	15	9,017	4,238	1,736	413	187,688	0.31
Region of Papua	436,486	70	46,886	11,390	4,943	1,194	500,969	0.82
- Papua	262,495	52	28,929	6,944	2,769	466	301,655	0.49
- West Papua	173,991	18	17,957	4,446	2,174	728	199,314	0.33
Distribution of Bali	975,075	802	168,224	29,540	3,613	4,414	1,181,668	1.93
Region of West Nusa Tenggara	965,046	236	32,819	19,562	3,605	1,965	1,023,233	1.67
Region of East Nusa Tenggara	579,969	152	31,546	11,245	4,967	548	628,427	1.03
PT PLN Batam	190,667	343	89,892	2,198	367	830	284,297	0.46
PT PLN Tarakan	40,303	47	3,767	567	409	286	45,379	0.07
Outside Java	20,937,163	13,490	1,319,916	455,725	99,198	54,208	22,879,700	37
Dist. of East Java	9,317,449	16,272	482,783	243,213	16,386	35,698	10,111,801	16.53
Dist. of Central Java & Yogyakarta	9,235,161	7,660	354,867	248,193	19,677	34,731	9,900,289	16.19
- Central Java	8,283,579	7,069	306,735	222,456	16,838	29,646	8,866,323	14.5
- D.I. Yogyakarta	951,582	591	48,132	25,737	2,839	5,085	1,033,966	1.69
Dist. of West Java & Banten	12,378,724	14,248	386,900	262,430	15,191	51,453	13,108,946	21.43
- West Java	11,222,852	13,481	356,805	231,665	13,368	49,358	11,887,529	19.43
- Banten	1,155,872	767	30,095	30,765	1,823	2,095	1,221,417	2.00
Dist. of Jakarta Raya & Tangerang	4,736,763	11,644	350,524	51,955	6,330	10,028	5,167,244	8.45
Java	35,668,097	49,824	1,575,074	805,791	57,584	131,910	38,288,280	62.60
Indonesia (%)	56,605,260	63,314	2,894,990	1,261,516	156,782	186,118	61,167,980	100
		92.54	0.10	4.73	2.06	0.26	0.30	100.00

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Table 5 : Connected Capacity by Type of Customers (MVA)

2015

PLN Operational Unit/ Province	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	(%)
Region of Aceh	804.00	52.93	228.17	81.14	59.50	27.74	1,253.48	1.18
Region of North Sumatera	2,490.78	844.91	769.71	171.42	68.12	89.63	4,434.57	4.16
Region of West Sumatera	933.05	183.57	268.89	66.44	42.67	16.17	1,510.78	1.42
Region of Riau	1,399.73	106.10	567.37	98.06	77.06	41.20	2,289.53	2.15
- Riau	1,176.74	90.18	465.51	81.18	58.07	36.51	1,908.19	1.79
- Riau Archipelago	222.99	15.92	101.86	16.88	18.99	4.68	381.34	0.36
Region of South Sumatera, Jambi & Bengkulu	2,438.16	365.44	641.16	133.43	105.12	41.52	3,724.82	3.49
- South Sumatera	1,674.24	304.56	437.75	95.16	70.90	28.79	2,611.40	2.45
- Jambi	418.37	43.32	142.33	21.63	19.37	6.64	651.65	0.61
- Bengkulu	345.55	17.57	61.07	16.64	14.86	6.09	461.77	0.43
Region of Bangka Belitung	368.25	38.08	107.38	20.86	19.44	4.56	558.56	0.52
Distribution of Lampung	1,465.96	363.11	257.75	71.90	31.44	17.98	2,208.14	2.07
Region of West Kalimantan	715.40	55.31	275.13	49.40	39.55	13.52	1,148.31	1.08
Region of S & C Kalimantan	1,065.89	110.83	380.29	68.00	71.67	26.79	1,723.46	1.62
- South Kalimantan	720.60	94.09	248.75	45.10	40.90	19.35	1,168.78	1.1
- Central Kalimantan	345.29	16.74	131.54	22.90	30.77	7.44	554.68	0.52
Region of East Kalimantan & North	881.15	66.29	396.54	69.29	80.79	16.11	1,510.17	1.42
Region of N, C Sulawesi & Gorontalo	962.45	91.53	315.97	73.75	67.25	24.94	1,535.88	1.44
- North Sulawesi	439.12	66.00	187.99	37.42	23.27	10.05	763.86	0.72
- Gorontalo	151.10	7.53	36.09	10.78	16.97	3.71	226.19	0.21
- Central Sulawesi	372.23	18.00	91.88	25.55	27.01	11.17	545.84	0.51
Region of S, SE & W Sulawesi	1,956.42	384.22	665.22	136.10	103.36	46.28	3,291.60	3.09
- South Sulawesi	1,472.06	362.40	543.74	112.32	73.60	38.05	2,602.16	2.44
- Southeast Sulawesi	340.40	16.60	92.52	16.52	19.98	5.80	491.81	0.46
- West Sulawesi	143.96	5.22	28.96	7.26	9.78	2.44	197.62	0.19
Region of Maluku & North Maluku	349.68	5.20	107.85	21.94	33.42	4.79	522.87	0.49
- Maluku	205.10	4.43	75.01	14.73	21.10	2.02	322.38	0.3
- North Maluku	144.58	0.77	32.84	7.21	12.32	2.78	200.49	0.19
Region of Papua	479.90	7.03	213.87	38.91	56.06	5.63	801.40	0.75
- Papua	294.44	2.63	137.25	23.92	37.50	3.40	499.13	0.47
- West Papua	185.46	4.40	76.62	14.99	18.56	2.23	302.27	0.28
Distribution of Bali	1,311.37	87.90	1,274.45	87.10	59.53	25.28	2,845.63	2.67
Region of West Nusa Tenggara	775.18	33.84	191.25	37.72	23.36	13.50	1,074.86	1.01
Region of East Nusa Tenggara	458.48	15.26	126.26	33.71	27.26	4.27	665.24	0.62
PT PLN Batam	343.41	322.01	539.85	27.13	20.35	7.93	1,260.67	1.18
PT PLN Tarakan	52.26	13.49	26.24	9.24	6.91	1.73	109.86	0.1
Outside Java	19,251.52	3,147.04	7,353.34	1,295.52	992.85	429.55	32,469.83	30.46
Dist. of East Java	7,484.23	5,351.71	2,534.17	621.98	228.25	186.69	16,407.04	15.39
Dist. of Central Java & Yogyakarta	6,747.12	2,437.65	1,802.15	607.66	185.48	154.27	11,934.34	11.2
- Central Java	5,915.62	2,331.71	1,469.70	485.61	145.83	137.00	10,485.47	9.84
- D.I. Yogyakarta	831.50	105.93	332.45	122.05	39.66	17.27	1,448.87	1.36
Dist. of West Java & Banten	10,226.28	9,593.76	3,246.03	560.34	276.38	102.80	24,005.59	22.52
- West Java	9,458.51	7,317.38	3,021.67	516.26	252.82	90.82	20,657.46	19.38
- Banten	767.77	2,276.39	224.37	44.07	23.56	11.98	3,348.13	3.14
Dist. of Jakarta Raya & Tangerang	7,945.74	4,493.85	7,541.59	776.10	877.57	130.59	21,765.44	20.42
Java	32,403.37	21,876.98	15,123.94	2,566.08	1,567.68	574.35	74,112.41	69.54
Indonesia (%)	51,654.89	25,024.02	22,477.28	3,861.60	2,560.54	1,003.91	106,582.23	100
	48.47	23.48	21.09	3.62	2.40	0.94	100.00	

Table 6 : Energy Sold by Type of Customers (GWh)**2015**

PLN Operational Unit/ Province	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	(%)
Region of Aceh	1,367.19	97.49	337.00	129.74	81.85	105.73	2,118.99	1.04
Region of North Sumatera	4,503.58	2,076.06	1,328.02	291.18	107.25	397.58	8,703.66	4.29
Region of West Sumatera	1,553.38	840.89	409.76	112.59	54.83	91.83	3,063.29	1.51
Region of Riau	2,585.65	228.06	999.81	163.57	110.73	154.15	4,241.98	2.09
- Riau	2,192.23	199.68	835.71	140.97	84.76	133.10	3,586.45	1.77
- Riau Archipelago	393.42	28.39	164.10	22.60	25.97	21.06	655.53	0.32
Region of South Sumatera, Jambi & Bengkulu	4,072.44	882.69	1,154.01	205.27	139.57	152.72	6,606.71	3.26
- South Sumatera	2,832.17	751.18	796.92	146.02	92.18	119.01	4,737.48	2.34
- Jambi	654.80	100.38	248.42	34.18	25.27	20.74	1,083.79	0.53
- Bengkulu	585.47	31.13	108.67	25.07	22.12	12.97	785.44	0.39
Region of Bangka Belitung	602.58	50.72	148.13	24.51	25.98	9.60	861.52	0.42
Distribution of Lampung	2,204.55	725.60	401.48	110.64	49.47	79.26	3,571.00	1.76
Region of West Kalimantan	1,296.75	97.13	423.14	72.41	67.01	33.19	1,989.64	0.98
Region of S & C Kalimantan	2,121.40	223.88	609.50	102.20	98.11	81.18	3,236.28	1.6
- South Kalimantan	1,420.12	194.45	387.77	67.52	53.78	64.00	2,187.65	1.08
- Central Kalimantan	701.29	29.43	221.72	34.68	44.34	17.18	1,048.64	0.52
Region of East Kalimantan & North	1,819.59	171.92	727.35	120.22	117.01	51.21	3,007.29	1.48
Region of N, C Sulawesi & Gorontalo	1,631.12	164.06	529.34	117.23	99.08	109.38	2,650.20	1.31
- North Sulawesi	733.52	118.52	314.93	58.59	34.13	42.89	1,302.59	0.64
- Gorontalo	269.82	17.65	61.59	18.20	22.23	9.33	398.81	0.2
- Central Sulawesi	627.77	27.88	152.81	40.44	42.72	57.16	948.80	0.47
Region of S, SE & W Sulawesi	2,973.34	859.44	1,104.50	208.36	160.02	136.09	5,441.75	2.68
- South Sulawesi	2,315.31	824.86	927.83	178.95	119.20	113.31	4,479.46	2.21
- Southeast Sulawesi	480.61	27.93	132.71	20.55	27.03	14.76	703.59	0.35
- West Sulawesi	177.42	6.65	43.95	8.86	13.79	8.03	258.69	0.13
Region of Maluku & North Maluku	541.81	11.15	177.78	31.91	58.74	17.54	838.94	0.41
- Maluku	320.74	9.63	115.58	20.33	34.64	8.59	509.50	0.25
- North Maluku	221.07	1.52	62.21	11.58	24.10	8.96	329.44	0.16
Region of Papua	701.11	12.54	356.56	51.28	80.85	16.56	1,218.90	0.6
- Papua	429.33	5.75	230.88	31.89	56.02	9.45	763.33	0.38
- West Papua	271.77	6.79	125.69	19.39	24.82	7.12	455.58	0.22
Distribution of Bali	1,918.34	167.67	2,226.49	110.96	96.87	73.85	4,594.16	2.26
Region of West Nusa Tenggara	919.76	68.93	280.67	46.67	29.45	56.82	1,402.29	0.69
Region of East Nusa Tenggara	452.33	41.92	174.21	36.41	30.03	14.86	749.75	0.37
PT PLN Batam	603.86	518.86	822.70	43.53	36.79	13.51	2,039.24	1.01
PT PLN Tarakan	105.94	27.98	47.24	8.36	11.65	5.33	206.50	0.1
Outside Java	31,974.71	7,266.99	12,257.67	1,987.03	1,455.30	1,600.41	56,542.10	27.87
Dist. of East Java	12,127.23	13,080.88	3,831.19	908.54	322.58	554.39	30,824.81	15.2
Dist. of Central Java & Yogyakarta	11,183.35	7,139.30	2,909.70	900.13	261.59	498.28	22,892.34	11.29
- Central Java	9,806.95	6,901.46	2,339.49	706.08	208.52	445.69	20,408.19	10.06
- D.I. Yogyakarta	1,376.40	237.84	570.22	194.05	53.06	52.59	2,484.15	1.22
Dist. of West Java & Banten	18,425.56	26,288.63	4,961.94	856.51	397.18	328.14	51,257.96	25.27
- West Java	16,794.88	20,716.98	4,605.88	787.79	355.68	297.71	43,558.91	21.47
- Banten	1,630.67	5,571.66	356.06	68.72	41.50	30.43	7,699.05	3.8
Dist. of Jakarta Raya & Tangerang	14,971.29	10,303.59	13,017.55	1,288.76	1,280.51	466.90	41,328.61	20.37
Java	56,707.42	56,812.40	24,720.38	3,953.95	2,261.86	1,847.71	146,303.72	72.13
Indonesia	88,682.13	64,079.39	36,978.05	5,940.98	3,717.16	3,448.11	202,845.82	100
(%)	43.72	31.59	18.23	2.93	1.83	1.70	100	-

Annual Data 2015

Table 7 : Revenue by Type of Customers (million Rp)

2015

PLN Operational Unit/ Province	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	(%)
Region of Aceh	685,583.87	100,104.91	329,386.72	84,735.83	106,631.89	157,621.84	1,464,065.05	0.70
Region of North Sumatera	2,741,668.21	2,394,952.45	1,591,607.15	224,150.10	140,799.28	597,294.93	7,690,472.12	3.66
Region of West Sumatera	843,890.82	906,089.68	433,586.86	80,580.09	73,263.58	137,517.26	2,474,928.28	1.18
Region of Riau	1,719,061.83	265,972.02	1,155,406.80	126,220.89	149,180.68	231,394.18	3,647,236.40	1.74
- Riau	1,286,358.29	234,049.75	947,372.68	108,022.74	113,954.01	199,868.69	2,889,626.16	1.38
- Riau Archipelago	432,703.54	31,922.27	208,034.12	18,198.15	35,226.67	31,525.49	757,610.24	0.36
Region of South Sumatera, Jambi & Bengkulu	2,724,454.58	1,034,544.57	1,413,720.12	154,744.40	188,705.09	226,705.76	5,742,874.53	2.74
- South Sumatera	1,635,002.31	881,924.48	953,075.34	109,087.74	123,097.38	178,263.26	3,880,450.52	1.85
- Jambi	664,511.22	115,747.21	325,040.25	27,042.21	35,132.96	28,926.70	1,196,400.55	0.57
- Bengkulu	424,941.05	36,872.88	135,604.53	18,614.45	30,474.75	19,515.80	666,023.46	0.32
Region of Bangka Belitung	255,835.98	57,330.24	165,970.47	15,781.00	33,599.97	13,787.21	542,304.87	0.26
Distribution of Lampung	1,129,696.16	839,806.29	485,704.59	70,187.80	65,760.96	119,193.55	2,710,349.35	1.29
Region of West Kalimantan	680,856.20	111,244.35	441,209.29	50,842.31	85,974.44	49,871.95	1,419,998.55	0.68
Region of S & C Kalimantan	1,067,575.83	256,476.29	680,622.03	67,814.03	132,487.79	121,159.80	2,326,135.77	1.11
- South Kalimantan	550,123.03	221,999.96	421,307.28	42,274.57	71,131.03	95,344.70	1,402,180.57	0.67
- Central Kalimantan	517,452.80	34,476.33	259,314.75	25,539.46	61,356.76	25,815.10	923,955.20	0.44
Region of East Kalimantan & North	958,647.11	201,298.65	823,349.84	85,193.15	147,375.23	76,248.43	2,292,112.41	1.09
Region of N, C Sulawesi & Gorontalo	787,885.57	188,686.00	616,143.70	78,651.44	120,991.21	161,888.35	1,954,246.27	0.93
- North Sulawesi	505,198.22	136,200.97	410,416.39	44,971.65	46,662.34	64,510.00	1,207,959.57	0.58
- Gorontalo	186,577.71	20,383.18	81,182.44	13,395.93	30,759.05	13,689.79	345,988.10	0.16
- Central Sulawesi	96,109.64	32,101.85	124,544.87	20,283.86	43,569.82	83,688.56	400,298.60	0.19
Region of S, SE & W Sulawesi	1,836,446.75	950,176.59	1,363,036.41	163,726.75	213,924.71	201,742.67	4,729,053.88	2.25
- South Sulawesi	1,284,209.13	910,977.61	1,138,262.13	140,990.40	158,202.14	167,571.39	3,800,212.80	1.81
- Southeast Sulawesi	407,411.16	31,616.24	171,364.88	15,909.24	36,796.64	22,150.76	685,248.92	0.33
- West Sulawesi	144,826.46	7,582.74	53,409.40	6,827.11	18,925.93	12,020.52	243,592.16	0.12
Region of Maluku & North Maluku	296,872.80	12,360.02	207,686.20	21,871.35	80,757.21	27,135.73	646,683.32	0.31
- Maluku	141,599.20	10,750.06	127,310.67	13,609.70	46,713.32	13,661.78	353,644.74	0.17
- North Maluku	155,273.60	1,609.96	80,375.53	8,261.65	34,043.89	13,473.95	293,038.58	0.14
Region of Papua	379,432.24	14,937.13	359,758.99	35,293.78	102,989.51	24,526.34	916,937.98	0.44
- Papua	127,338.74	6,463.80	200,244.56	19,447.77	68,180.59	13,812.83	435,488.28	0.21
- West Papua	252,093.50	8,473.33	159,514.43	15,846.01	34,808.92	10,713.51	481,449.70	0.23
Distribution of Bali	1,101,163.97	191,436.11	2,495,537.25	80,341.25	129,652.64	110,276.98	4,108,408.21	1.96
Region of West Nusa Tenggara	355,010.15	79,223.71	326,320.87	30,648.85	38,498.36	84,169.57	913,871.50	0.44
Region of East Nusa Tenggara	149,677.07	48,875.93	166,071.19	22,525.17	33,868.67	21,849.94	442,867.98	0.21
PT PLN Batam	575,776.63	623,009.04	1,095,427.06	42,052.29	63,956.40	26,132.98	2,426,354.39	1.16
PT PLN Tarakan	98,997.62	-	131,058.96	14,336.79	40,961.81	-	285,355.19	0.14
Outside Java	18,388,533.38	8,276,523.97	14,281,604.49	1,449,697.27	1,949,379.43	2,388,517.49	46,734,256.04	22.27
Dist. of East Java	6,582,361.54	14,915,418.68	4,417,644.49	672,472.11	429,813.78	832,229.65	27,849,940.26	13.27
Dist. of Central Java & Yogyakarta	5,551,528.09	8,319,332.69	3,477,704.92	663,138.31	348,613.85	749,244.52	19,109,562.39	9.11
- Central Java	4,430,726.32	8,045,320.69	2,733,173.88	498,046.17	277,015.96	670,142.03	16,654,425.06	7.94
- D.I. Yogyakarta	1,120,801.77	274,012.00	744,531.04	165,092.14	71,597.89	79,102.49	2,455,137.33	1.17
Dist. of West Java & Banten	9,436,219.98	30,310,749.05	5,620,288.91	597,714.25	516,712.83	490,231.44	46,971,916.47	22.38
- West Java	8,425,921.93	24,177,336.82	5,145,410.94	552,448.42	459,435.53	444,407.33	39,204,960.98	18.68
- Banten	1,010,298.05	6,133,412.23	474,877.97	45,265.83	57,277.30	45,824.11	7,766,955.49	3.70
Dist. of Jakarta Raya & Tangerang	13,731,387.83	11,886,020.88	15,498,785.87	1,143,887.06	1,593,065.92	691,700.47	44,544,848.03	21.23
Java	35,301,497.45	65,431,521.30	29,014,424.19	3,077,211.74	2,888,206.38	2,763,406.08	138,476,267.14	65.99
Prepaid Electricity	20,788,885.30	27,336.67	4,424,877.82	321,862.01	108,596.74	14,236.65	25,685,795.19	
Central Unit	(250,645.75)	(510,361.46)	(234,912.89)	(22,054.76)	(22,766.05)	(11,036.68)	(1,051,777.59)	
Indonesia (%)	74,228,270.38	73,225,020.48	47,485,993.61	4,826,716.26	4,923,416.50	5,155,123.54	209,844,540.77	100
	35.31	34.98	22.62	2.3	2.34	2.46	100	-

Table 8 : Average Energy Sold by Customers (kWh)**2015**

PLN Operational Unit/ Province	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total
Region of Aceh	1,223.28	51,746.28	4,111.56	3,646.94	11,330.29	78,144.86	1,701.12
Region of North Sumatera	1,513.36	557,481.20	11,931.68	5,045.05	13,686.83	26,789.30	2,744.52
Region of West Sumatera	1,421.25	2,189,817.71	4,589.40	3,736.06	9,904.26	34,969.54	2,508.98
Region of Riau	2,043.40	712,687.50	8,524.76	6,814.00	20,254.25	49,502.25	2,996.69
- Riau	2,015.07	821,728.40	8,727.13	6,859.52	20,810.21	49,005.89	2,960.93
- Riau Archipelago	2,217.10	368,701.30	7,624.40	6,543.14	18,629.84	52,914.57	3,208.76
Region of South Sumatera, Jambi & Bengkulu	1,613.48	1,085,719.56	11,172.09	4,590.83	13,805.14	22,869.12	2,456.38
- South Sumatera	1,621.34	1,256,153.85	12,596.14	4,829.66	14,860.55	25,549.59	2,558.36
- Jambi	1,760.30	635,316.46	10,029.47	4,980.33	13,188.94	16,152.65	2,663.05
- Bengkulu	1,444.83	546,140.35	7,122.17	3,291.75	11,109.99	17,622.28	1,822.89
Region of Bangka Belitung	1,757.22	221,484.72	7,807.41	4,340.36	12,342.04	9,495.55	2,322.90
Distribution of Lampung	1,333.83	1,217,449.66	10,615.27	3,149.80	15,207.50	50,938.30	2,062.79
Region of West Kalimantan	1,557.22	245,898.73	7,000.18	3,994.59	16,603.07	14,646.95	2,167.35
Region of S & C Kalimantan	1,599.30	334,149.25	6,342.29	2,920.67	12,118.33	23,462.43	2,201.89
- South Kalimantan	1,538.43	368,975.33	8,742.81	2,826.76	12,129.00	27,164.69	2,190.60
- Central Kalimantan	1,738.62	205,804.20	4,284.61	3,122.64	12,108.14	15,561.59	2,225.83
Region of East Kalimantan & North	2,312.43	545,777.78	14,974.37	8,066.29	26,998.15	25,669.17	3,509.11
Region of N, C Sulawesi & Gorontalo	1,327.02	239,154.52	11,553.86	3,894.30	13,249.53	62,681.95	2,015.38
- North Sulawesi	1,370.22	319,460.92	14,605.79	4,769.62	12,167.56	60,750.71	2,273.05
- Gorontalo	1,321.14	163,425.93	10,029.31	3,424.92	15,688.07	25,561.64	1,832.95
- Central Sulawesi	1,282.22	134,685.99	8,436.95	3,233.91	13,120.39	84,807.12	1,809.47
Region of S, SE & W Sulawesi	1,371.09	493,931.03	10,002.17	5,199.77	13,342.78	36,416.91	2,328.95
- South Sulawesi	1,398.96	543,386.03	11,265.27	6,148.85	15,520.83	38,023.49	2,518.44
- Southeast Sulawesi	1,374.90	174,562.50	7,489.28	2,921.11	8,801.69	24,974.62	1,860.67
- West Sulawesi	1,081.72	107,258.06	4,248.84	2,252.73	11,103.06	48,373.49	1,439.06
Region of Maluku & North Maluku	1,247.75	132,738.10	6,972.04	3,156.91	15,352.85	29,779.29	1,768.66
- Maluku	1,224.38	139,565.22	7,012.50	3,463.37	16,574.16	48,806.82	1,777.44
- North Maluku	1,283.28	101,333.33	6,899.19	2,732.42	13,882.49	21,694.92	1,755.25
Region of Papua	1,606.26	179,142.86	7,604.83	4,502.19	16,356.46	13,869.35	2,433.08
- Papua	1,635.57	110,576.92	7,980.92	4,592.45	20,231.13	20,278.97	2,530.47
- West Papua	1,561.98	377,222.22	6,999.50	4,361.22	11,416.74	9,780.22	2,285.74
Distribution of Bali	1,967.38	209,064.84	13,235.27	3,756.26	26,811.51	16,730.86	3,887.86
Region of West Nusa Tenggara	953.07	292,076.27	8,552.06	2,385.75	8,169.21	28,916.03	1,370.45
Region of East Nusa Tenggara	779.92	275,789.47	5,522.41	3,237.88	6,045.90	27,116.79	1,193.06
PT PLN Batam	3,167.09	1,512,711.37	9,152.09	19,804.37	100,245.23	16,277.11	7,172.92
PT PLN Tarakan	2,628.59	595,319.15	12,540.48	14,744.27	28,484.11	18,636.36	4,550.56
Out side Java	1,527.17	538,694.59	9,286.70	4,360.15	14,670.66	29,523.50	2,471.28
Dist. of East Java	1,301.56	803,888.89	7,935.64	3,735.57	19,686.32	15,530.00	3,048.40
Dist. of Central Java & Yogyakarta	1,210.95	932,023.50	8,199.41	3,626.73	13,294.20	14,346.84	2,312.29
- Central Java	1,183.90	976,299.34	7,627.07	3,174.02	12,383.89	15,033.73	2,301.76
- D.I. Yogyakarta	1,446.43	402,436.55	11,847.00	7,539.73	18,689.68	10,342.18	2,402.55
Dist. of West Java & Banten	1,488.49	1,845,075.10	12,824.86	3,263.77	26,145.74	6,377.47	3,910.15
- West Java	1,496.49	1,536,753.95	12,908.68	3,400.56	26,606.82	6,031.65	3,664.25
- Banten	1,410.77	7,264,224.25	11,831.20	2,233.71	22,764.67	14,525.06	6,303.38
Dist. of Jakarta Raya & Tangerang	3,160.66	884,884.06	37,137.40	24,805.31	202,292.26	46,559.63	7,998.19
Java	1,589.86	1,140,261.72	15,694.74	4,906.92	39,279.31	14,007.35	3,821.11
Indonesia	1,566.68	1,012,088.80	12,773.12	4,709.40	23,709.10	18,526.47	3,316.21

Annual Data 2015

Table 9 : Average Selling Price of Electricity by Type of Customer (Rp/kWh) 2015

PLN Operational Unit/ Province	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total
Region of Aceh	501.45	1,026.82	977.41	653.12	1,302.77	1,490.80	690.93
Region of North Sumatera	608.78	1,153.60	1,198.48	769.80	1,312.81	1,502.33	883.59
Region of West Sumatera	543.26	1,077.54	1,058.15	715.69	1,336.20	1,497.52	807.93
Region of Riau	664.85	1,166.24	1,155.63	771.66	1,347.25	1,501.10	859.80
- Riau	586.78	1,172.12	1,133.61	766.28	1,344.43	1,501.64	805.71
- Riau Archipelago	1,099.85	1,124.42	1,267.73	805.23	1,356.44	1,496.94	1,155.72
Region of South Sumatera, Jambi & Bengkulu	669.00	1,172.04	1,225.05	753.86	1,352.05	1,484.45	869.25
- South Sumatera	577.30	1,174.05	1,195.95	747.07	1,335.40	1,497.88	819.10
- Jambi	1,014.83	1,153.09	1,308.43	791.17	1,390.30	1,394.73	1,103.90
- Bengkulu	725.81	1,184.48	1,247.86	742.50	1,377.70	1,504.69	847.96
Region of Bangka Belitung	424.57	1,130.33	1,120.44	643.86	1,293.30	1,436.17	629.47
Distribution of Lampung	512.44	1,157.40	1,209.79	634.38	1,329.31	1,503.83	758.99
Region of West Kalimantan	525.05	1,145.31	1,042.70	702.14	1,283.01	1,502.62	713.70
Region of S & C Kalimantan	503.24	1,145.60	1,116.69	663.54	1,350.40	1,492.48	718.77
- South Kalimantan	387.38	1,141.68	1,086.49	626.10	1,322.63	1,489.76	640.95
- Central Kalimantan	737.86	1,171.47	1,169.56	736.43	1,383.78	1,502.63	881.10
Region of East Kalimantan & North	526.85	1,170.89	1,131.99	708.64	1,259.51	1,488.94	762.19
Region of N, C Sulawesi & Gorontalo	483.03	1,150.10	1,163.98	670.92	1,221.15	1,480.05	737.40
- North Sulawesi	688.73	1,149.18	1,303.20	767.57	1,367.19	1,504.08	927.35
- Gorontalo	691.49	1,154.85	1,318.11	736.04	1,383.67	1,467.29	867.55
- Central Sulawesi	153.10	1,151.43	815.03	501.58	1,019.89	1,464.11	421.90
Region of S, SE & W Sulawesi	617.64	1,105.58	1,234.08	785.79	1,336.86	1,482.42	869.03
- South Sulawesi	554.66	1,104.40	1,226.80	787.88	1,327.20	1,478.88	848.36
- Southeast Sulawesi	847.70	1,131.98	1,291.27	774.17	1,361.33	1,500.73	973.93
- West Sulawesi	816.29	1,140.26	1,215.23	770.55	1,372.44	1,496.95	941.64
Region of Maluku & North Maluku	547.93	1,108.52	1,168.22	685.41	1,374.82	1,547.08	770.83
- Maluku	441.48	1,116.31	1,101.49	669.44	1,348.54	1,590.43	694.10
- North Maluku	702.37	1,059.18	1,292.00	713.44	1,412.61	1,503.79	889.51
Region of Papua	541.19	1,191.16	1,008.97	688.26	1,273.83	1,481.06	752.27
- Papua	296.60	1,124.14	867.31	609.84	1,217.08	1,461.67	570.51
- West Papua	927.60	1,247.91	1,269.11	817.23	1,402.45	1,504.71	1,056.78
Distribution of Bali	574.02	1,141.74	1,120.84	724.06	1,338.42	1,493.26	894.27
Region of West Nusa Tenggara	385.98	1,149.34	1,162.65	656.71	1,307.24	1,481.34	651.70
Region of East Nusa Tenggara	330.90	1,165.93	953.28	618.65	1,127.83	1,470.39	590.69
PT PLN Batam	953.49	1,200.73	1,331.50	966.05	1,738.42	1,934.34	1,189.83
PT PLN Tarakan	934.47	-	2,774.32	1,714.93	3,516.04	-	1,381.87
Outside Java	575.10	1,138.92	1,165.12	729.58	1,339.50	1,492.44	826.54
Dist. of East Java	542.78	1,140.25	1,153.07	740.17	1,332.43	1,501.16	903.49
Dist. of Central Java & Yogyakarta	496.41	1,165.29	1,195.21	736.71	1,332.67	1,503.66	834.76
- Central Java	451.79	1,165.74	1,168.28	705.37	1,328.49	1,503.61	816.07
- D.I. Yogyakarta	814.30	1,152.09	1,305.69	850.77	1,349.38	1,504.14	988.32
Dist. of West Java & Banten	512.13	1,153.00	1,132.68	697.85	1,300.95	1,493.97	916.38
- West Java	501.70	1,167.03	1,117.14	701.26	1,291.71	1,492.75	900.04
- Banten	619.56	1,100.82	1,333.70	658.70	1,380.18	1,505.89	1,008.82
Dist. of Jakarta Raya & Tangerang	917.18	1,153.58	1,190.61	887.59	1,244.09	1,481.47	1,077.82
Java	622.52	1,151.71	1,173.70	778.26	1,276.92	1,495.58	946.50
Indonesia	837.01	1,142.72	1,284.17	812.44	1,324.51	1,495.06	1,034.50

Table 10 : Number of Customers by Type of Voltage**2015**

PLN Operational Unit/ Province	Voltage				Total	(%)
	Low	Medium	High	Multipurpose		
Region of Aceh	1,245,512	132	-	-	1,245,644	2.04
Region of North Sumatera	3,170,222	1,066	2	1	3,171,291	5.18
Region of West Sumatera	1,220,776	153	1	-	1,220,930	2
Region of Riau	1,415,237	316	-	-	1,415,553	2.31
- Riau	1,210,983	276	-	-	1,211,259	1.98
- Riau Archipelago	204,254	40	-	-	204,294	0.33
Region of South Sumatera, Jambi & Bengkulu	2,689,125	459	-	29	2,689,613	4.4
- South Sumatera	1,851,396	342	-	26	1,851,764	3.03
- Jambi	406,891	79	-	3	406,973	0.67
- Bengkulu	430,838	38	-	-	430,876	0.7
Region of Bangka Belitung	370,804	77	-	-	370,881	0.61
Distribution of Lampung	1,730,781	373	-	-	1,731,154	2.83
Region of West Kalimantan	917,865	141	-	-	918,006	1.5
Region of S & C Kalimantan	1,469,563	213	-	-	1,469,776	2.4
- South Kalimantan	998,476	176	-	-	998,652	1.63
- Central Kalimantan	471,087	37	-	-	471,124	0.77
Region of East Kalimantan & North	856,711	283	-	-	856,994	1.4
Region of N, C Sulawesi & Gorontalo	1,314,762	224	-	-	1,314,986	2.15
- North Sulawesi	572,904	153	-	-	573,057	0.94
- Gorontalo	217,559	19	-	-	217,578	0.36
- Central Sulawesi	524,299	52	-	-	524,351	0.86
Region of S, SE & W Sulawesi	2,336,054	507	2	-	2,336,563	3.82
- South Sulawesi	1,778,226	435	2	-	1,778,663	2.91
- Southeast Sulawesi	378,081	56	-	-	378,137	0.62
- West Sulawesi	179,747	16	-	-	179,763	0.29
Region of Maluku & North Maluku	474,215	121	-	-	474,336	0.78
- Maluku	286,535	113	-	-	286,648	0.47
- North Maluku	187,680	8	-	-	187,688	0.31
Region of Papua	500,848	121	-	-	500,969	0.82
- Papua	301,568	87	-	-	301,655	0.49
- West Papua	199,280	34	-	-	199,314	0.33
Distribution of Bali	1,148,460	33,208	-	-	1,181,668	1.93
Region of West Nusa Tenggara	1,023,134	99	-	-	1,023,233	1.67
Region of East Nusa Tenggara	628,125	302	-	-	628,427	1.03
PT PLN Batam	228,178	56,119	-	-	284,297	0.46
PT PLN Tarakan	45,300	79	-	-	45,379	0.07
Outside Java	22,785,672	93,993	5	30	22,879,700	37.40
Dist.of East Java	10,108,634	3,146	21	-	10,111,801	16.53
Dist. of Central Java & Yogyakarta	9,897,755	2,531	3	-	9,900,289	16.19
- Central Java	8,864,106	2,214	3	-	8,866,323	14.5
- D.I. Yogyakarta	1,033,649	317	-	-	1,033,966	1.69
Dist. of West Java & Banten	13,102,905	5,979	44	18	13,108,946	21.43
- West Java	11,882,028	5,459	25	17	11,887,529	19.43
- Banten	1,220,877	520	19	1	1,221,417	2
Dist. of Jakarta Raya & Tangerang	5,157,779	9,428	7	30	5,167,244	8.45
Java	38,267,073	21,084	75	48	38,288,280	62.60
Indonesia (%)	61,052,745	115,077	80	78	61,167,980	100.00
		99.81	0.19	-	100.00	-

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Table 11 : Connected Capacity by Type of Voltage (MVA)

2015

PLN Operational Unit/ Province	Voltage				Total	(%)
	Low	Medium	High	Multipurpose		
Region of Aceh	1,191.57	61.91	-	-	1,253.48	1.18
Region of North Sumatera	3,465.29	898.27	61	10	4,434.57	4.16
Region of West Sumatera	1,284.96	135.83	90	-	1,510.78	1.42
Region of Riau	2,039.42	250.11	-	-	2,289.53	2.15
- Riau	1,689.92	218.27	-	-	1,908.19	1.79
- Riau Archipelago	349.5	31.84	-	-	381.34	0.36
Region of South Sumatera, Jambi & Bengkulu	3,192.39	516.65	-	15.78	3,724.82	3.49
- South Sumatera	2,177.45	418.89	-	15.06	2,611.40	2.45
- Jambi	581.68	69.26	-	0.72	651.65	0.61
- Bengkulu	433.26	28.51	-	-	461.77	0.43
Region of Bangka Belitung	500.51	58.05	-	-	558.56	0.52
Distribution of Lampung	1,808.94	399.20	-	-	2,208.14	2.07
Region of West Kalimantan	1,049.20	99.10	-	-	1,148.31	1.08
Region of S & C Kalimantan	1,535.56	187.89	-	-	1,723.46	1.62
- South Kalimantan	1,013.25	155.53	-	-	1,168.78	1.1
- Central Kalimantan	522.31	32.37	-	-	554.68	0.52
Region of East Kalimantan & North	1,259.69	250.48	-	-	1,510.17	1.42
Region of N, C Sulawesi & Gorontalo	1,357.56	178.32	-	-	1,535.88	1.44
- North Sulawesi	634.65	129.21	-	-	763.86	0.72
- Gorontalo	210.93	15.26	-	-	226.19	0.21
- Central Sulawesi	511.98	33.86	-	-	545.83	0.51
Region of S, SE & W Sulawesi	2,785.46	393.89	112.25	-	3,291.60	3.09
- South Sulawesi	2,127.99	361.93	112.25	-	2,602.16	2.44
- Southeast Sulawesi	464.67	27.15	-	-	491.81	0.46
- West Sulawesi	192.81	4.81	-	-	197.62	0.19
Region of Maluku & North Maluku	491.93	30.94	-	-	522.87	0.49
- Maluku	295.46	26.93	-	-	322.38	0.3
- North Maluku	196.47	4.02	-	-	200.49	0.19
Region of Papua	750.47	50.93	-	-	801.40	0.75
- Papua	462.29	36.84	-	-	499.13	0.47
- West Papua	288.18	14.10	-	-	302.27	0.28
Distribution of Bali	2,278.57	567.06	-	-	2,845.63	2.67
Region of West Nusa Tenggara	1,008.99	65.87	-	-	1,074.86	1.01
Region of East Nusa Tenggara	623.24	42.00	-	-	665.24	0.62
PT PLN Batam	634.15	626.52	-	-	1,260.67	1.18
PT PLN Tarakan	87.9	21.95	-	-	109.86	0.1
Outside Java	27,346.81	4,833.98	263.25	25.78	32,469.83	30.46
Dist. of East Java	11,012.61	4,464.77	929.66	-	16,407.04	15.39
Dist. of Central Java & Yogyakarta	9,277.17	2,491.17	166.00	-	11,934.33	11.2
- Central Java	8,076.16	2,243.31	166.00	-	10,485.47	9.84
- D.I. Yogyakarta	1,201.01	247.86	-	-	1,448.87	1.36
Dist. of West Java & Banten	13,775.62	7,666.48	2,485.20	78.3	24,005.59	22.52
- West Java	12,742.26	6,635.15	1,205.90	74.15	20,657.46	19.38
- Banten	1,033.36	1,031.32	1,279.30	4.15	3,348.14	3.14
Dist. of Jakarta Raya & Tangerang	12,380.31	8,840.47	397.14	147.53	21,765.44	20.42
J a v a	46,445.70	23,462.88	3,978.00	225.82	74,112.41	69.54
I n d o n e s i a	73,792.52	28,296.87	4,241.25	251.6	106,582.23	100
(%)	69.24	26.55	3.98	0.24	100	-

Table 12 : Energy Sold by Type of Voltage (GWh)**2015**

PLN Operational Unit/ Province	Voltage				Total	(%)
	Low	Medium	High	Multipurpose		
Region of Aceh	2,001.94	117.05	-	-	2,118.99	1.04
Region of North Sumatera	6,294.00	2,291.82	99.3	18.55	8,703.66	4.29
Region of West Sumatera	2,137.12	302.18	623.99	-	3,063.29	1.51
Region of Riau	3,749.47	492.51	-	-	4,241.98	2.09
- Riau	3,137.47	448.98	-	-	3,586.45	1.77
- Riau Archipelago	612	43.53	-	-	655.53	0.32
Region of South Sumatera, Jambi & Bengkulu	5,316.46	1,224.90	-	65.35	6,606.71	3.26
- South Sumatera	3,676.40	998.83	-	62.25	4,737.48	2.34
- Jambi	914.59	166.09	-	3.1	1,083.79	0.53
- Bengkulu	725.46	59.97	-	-	785.44	0.39
Region of Bangka Belitung	785.03	76.49	-	-	861.52	0.42
Distribution of Lampung	2,797.89	773.1	-	-	3,571.00	1.76
Region of West Kalimantan	1,814.43	175.21	-	-	1,989.64	0.98
Region of S & C Kalimantan	2,890.15	346.13	-	-	3,236.28	1.6
- South Kalimantan	1,899.59	288.05	-	-	2,187.65	1.08
- Central Kalimantan	990.56	58.08	-	-	1,048.64	0.52
Region of East Kalimantan & North	2,489.99	517.3	-	-	3,007.29	1.48
Region of N, C Sulawesi & Gorontalo	2,316.84	333.36	-	-	2,650.20	1.31
- North Sulawesi	1,057.70	244.89	-	-	1,302.59	0.64
- Gorontalo	366.41	32.41	-	-	398.81	0.2
- Central Sulawesi	892.73	56.07	-	-	948.80	0.47
Region of S, SE & W Sulawesi	4,315.50	732.79	393.46	-	5,441.75	2.68
- South Sulawesi	3,400.51	685.49	393.46	-	4,479.46	2.21
- Southeast Sulawesi	663.1	40.49	-	-	703.59	0.35
- West Sulawesi	251.89	6.8	-	-	258.69	0.13
Region of Maluku & North Maluku	785.13	53.81	-	-	838.94	0.41
- Maluku	468.31	41.2	-	-	509.5	0.25
- North Maluku	316.82	12.62	-	-	329.44	0.16
Region of Papua	1,129.06	89.84	-	-	1,218.90	0.6
- Papua	693.37	69.96	-	-	763.33	0.38
- West Papua	435.69	19.89	-	-	455.58	0.22
Distribution of Bali	3,391.81	1,202.36	-	-	4,594.16	2.26
Region of West Nusa Tenggara	1,297.35	104.94	-	-	1,402.29	0.69
Region of East Nusa Tenggara	672.12	77.63	-	-	749.75	0.37
PT PLN Batam	1,032.12	1,007.12	-	-	2,039.24	1.01
PT PLN Tarakan	171.5	35	-	-	206.50	0.1
Out side Java	45,387.90	9,953.55	1,116.76	83.9	56,542.10	27.87
Dist. of East Java	17,331.93	10,290.88	3,201.99	-	30,824.81	15.2
Dist. of Central Java & Yogyakarta	15,135.04	7,202.44	554.86	-	22,892.34	11.29
- Central Java	13,172.78	6,680.55	554.86	-	20,408.19	10.06
- D.I. Yogyakarta	1,962.27	521.89	-	-	2,484.15	1.22
Dist. of West Java & Banten	23,694.31	20,638.32	6,845.02	80.32	51,257.96	25.27
- West Java	21,644.91	18,133.17	3,703.59	77.24	43,558.92	21.47
- Banten	2,049.40	2,505.15	3,141.42	3.08	7,699.05	3.8
Dist. of Jakarta Raya & Tangerang	21,527.56	18,740.60	935.72	124.72	41,328.61	20.37
Java	77,688.85	56,872.24	11,537.59	205.04	146,303.72	72.13
Indonesia (%)	123,076.75	66,825.79	12,654.35	288.94	202,845.82	100
						-

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Table 13 : Revenue by Type of Voltage (million Rp)

2015

PLN Operational Unit/ Province	Voltage				Total	(%)
	Low	Medium	High	Multipurpose		
Region of Aceh	1,332,989.29	124,635.90	-	6,439.85	1,464,065.05	0.70
Region of North Sumatera	4,877,728.40	2,655,610.30	103,013.15	54,120.27	7,690,472.12	3.66
Region of West Sumatera	1,471,726.61	343,036.54	652,441.18	7,723.96	2,474,928.28	1.18
Region of Riau	3,070,306.82	550,203.97	-	26,725.61	3,647,236.40	1.74
- Riau	2,361,804.67	501,095.89	-	26,725.61	2,889,626.17	1.38
- Riau Archipelago	708,502.15	49,108.08	-	-	757,610.23	0.36
Region of South Sumatera, Jambi & Bengkulu	4,254,355.58	1,372,983.91	-	115,535.04	5,742,874.53	2.74
- South Sumatera	2,661,855.41	1,103,060.11	-	115,535.04	3,880,450.56	1.85
- Jambi	996,363.30	200,037.23	-	-	1,196,400.53	0.57
- Bengkulu	596,136.87	69,886.57	-	-	666,023.44	0.32
Region of Bangka Belitung	451,753.99	85,422.01	-	5,128.87	542,304.87	0.26
Distribution of Lampung	1,804,592.95	901,758.51	-	3,997.89	2,710,349.35	1.29
Region of West Kalimantan	1,213,703.22	196,242.55	-	10,052.78	1,419,998.55	0.68
Region of S & C Kalimantan	1,920,797.16	376,232.24	-	29,106.37	2,326,135.77	1.11
- South Kalimantan	1,067,596.80	305,477.40	-	29,106.37	1,402,180.57	0.67
- Central Kalimantan	853,200.36	70,754.84	-	-	923,955.20	0.44
Region of East Kalimantan & North	1,674,087.69	592,295.67	-	25,729.06	2,292,112.41	1.09
Region of N, C Sulawesi & Gorontalo	1,559,375.78	369,178.71	-	25,691.78	1,954,246.27	0.93
- North Sulawesi	977,173.10	230,786.47	-	-	1,207,959.57	0.58
- Gorontalo	307,677.80	38,310.30	-	-	345,988.10	0.16
- Central Sulawesi	274,524.88	100,081.94	-	25,691.78	400,298.60	0.19
Region of S, SE & W Sulawesi	3,450,857.62	839,172.80	409,839.22	29,184.24	4,729,053.88	2.25
- South Sulawesi	2,578,687.51	782,501.83	409,839.22	29,184.24	3,800,212.80	1.81
- Southeast Sulawesi	637,301.44	47,947.47	-	-	685,248.91	0.33
- West Sulawesi	234,868.67	8,723.50	-	-	243,592.17	0.12
Region of Maluku & North Maluku	580,840.84	59,953.08	-	5,889.40	646,683.32	0.31
- Maluku	303,617.10	44,138.24	-	5,889.40	353,644.74	0.17
- North Maluku	277,223.74	15,814.84	-	-	293,038.58	0.14
- Region of Papua	810,588.29	103,157.41	-	3,192.28	916,937.98	0.44
- Papua	353,595.34	78,700.66	-	3,192.28	435,488.28	0.21
- West Papua	456,992.95	24,456.75	-	-	481,449.70	0.23
Distribution of Bali	2,693,513.97	1,368,201.82	-	46,692.42	4,108,408.21	1.96
Region of West Nusa Tenggara	788,211.73	122,475.67	-	3,184.10	913,871.50	0.44
Region of East Nusa Tenggara	350,819.18	84,436.15	-	7,612.65	442,867.98	0.21
PT PLN Batam	1,213,254.42	1,056,796.81	-	156,303.16	2,426,354.39	1.16
PT PLN Tarakan	206,308.12	72,617.48	-	6,429.59	285,355.19	0.14
Outside Java	33,725,811.65	11,274,411.52	1,165,293.55	568,739.32	46,734,256.04	22.27
Dist. of East Java	12,318,350.96	12,061,775.60	3,433,695.35	36,118.36	27,849,940.26	13.27
Dist. of Central Java & Yogyakarta	10,037,639.26	8,374,780.81	580,533.43	116,608.89	19,109,562.39	9.11
- Central Java	8,174,712.51	7,782,570.23	580,533.43	116,608.89	16,654,425.06	7.94
- D.I. Yogyakarta	1,862,926.75	592,210.58	-	-	2,455,137.33	1.17
Dist. of West Java & Banten	15,019,509.22	24,510,859.54	7,189,131.77	252,415.95	46,971,916.47	22.38
- West Java	13,482,168.58	21,579,766.94	3,890,609.52	252,415.95	39,204,960.98	18.68
- Banten	1,537,340.64	2,931,092.60	3,298,522.25	-	7,766,955.49	3.70
Dist. of Jakarta Raya & Tangerang	21,433,171.34	21,964,918.72	988,143.09	158,614.87	44,544,848.03	21.23
Java	58,808,670.78	66,912,334.66	12,191,503.63	563,758.07	138,476,267.14	65.99
Prepaid Electricity	25,514,842.77	86.33	-	170,866.09	25,685,795.19	
Central Unit	(417,820.95)	(527,269.94)	(102,670.62)	(4,016.08)	(1,051,777.59)	
Indonesia	117,631,504.25	77,659,562.57	13,254,126.56	1,299,347.39	209,844,540.77	100
(%)	56.06	37.01	6.32	0.62	100	-

Table 14 : Number of Customers, Connected Capacity and Energy Consumption by Tariff Category (Rp/kWh)

2015

Tariff Category	Customers	Connected (MVA)	Sold (MWh)	Revenue*) (thousand Rp)
S-1	63,409	0.79	3.57	13,896,930.21
S-2	1,260,148	2,808.15	3,934.11	2,988,045,548.96
S-3	1,368	1,053.45	2,006.87	1,838,670,711.86
R-1	55,485,167	45,605.44	79,548.79	60,589,457,631.43
R-2	870,235	3,580.59	5,788.88	8,650,822,923.95
R-3	186,449	2,468.08	3,340.89	4,974,092,892.59
B-1	2,300,784	3,990.56	5,701.44	5,566,206,128.40
B-2	494,235	9,910.80	14,488.89	21,720,610,729.88
B-3	6,761	8,080.14	15,776.41	18,899,829,364.81
I-1	16,911	121.40	136.49	143,925,128.38
I-2	33,897	2,974.92	4,678.87	4,954,547,407.36
I-3	12,426	17,686.45	46,609.68	54,872,421,378.68
I-4	80	4,241.25	12,654.35	13,254,126,562.31
P-1	155,392	1,327.90	2,006.70	2,874,775,384.89
P-2	1,390	1,232.63	1,710.46	2,048,641,117.11
P-3	186,118	1,003.91	3,448.11	5,155,123,542.08
T (Traction)	48	225.82	205.04	147,941,152.67
C (Bulk)	30	25.78	83.90	264,364,514.02
L (Special Services)	93,132	244.19	722.37	887,041,723.53
Total	61,167,980	106,582.23	202,845.82	209,844,540,773.10

*) Included Prepaid Electricity and Auditor Correction

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Table 15 : Waiting List

2015

PLN Operational/Unit Province	New Applicants		Connected		Discharging/Cancelled		Waiting	
	Total	Capacity (kVA)	Total	Capacity (kVA)	Total	Capacity (kVA)	Total	Capacity (kVA)
Region of Aceh	67,912	176,102.57	59,430	159,109.57	518	2,698.00	7,964	14,295.00
Region of North Sumatera	136,201	521,243.85	121,238	447,906.85	617	2,713.00	14,346	70,624.00
Region of West Sumatera	72,661	228,908.47	60,847	207,558.67	3,378	5,485.20	8,436	15,864.60
Region of Riau	210,219	662,209.85	114,817	450,856.95	2,594	3,499.00	92,808	207,853.90
- Riau	99,867	373,106.99	99,867	373,106.99	-	-	-	-
- Riau Archipelago	14,950	77,749.96	14,950	77,749.96	-	-	-	-
Region of S Sumatera, Jambi & Bengkulu	289,476	866,723.19	187,790	631,419.19	16,516	32,083.00	85,170	203,221
- South Sumatera	395,764	584,539.68	347,600	451,309.68	8,732	21,662.00	39,432	111,568.00
- Jambi	(160,058)	147,920.50	(185,456)	103,800.50	6,460	8,982.00	18,938	35,138.00
- Bengkulu	53,770	134,263.02	25,646	76,309.02	1,324	1,439.00	26,800	56,515.00
Region of Bangka Belitung	54,167	143,929.75	40,094	135,876.75	190	365.00	13,883	7,688.00
Distribution of Lampung	117,611	423,611.72	101,134	400,404.72	-	-	16,477	23,207.00
Region of West Kalimantan	64,652	202,863.93	64,652	202,863.93	-	-	-	-
Region of S & C Kalimantan	137,240	397,721.31	70,068	320,416.31	45,444	49,813.00	21,728	27,492.00
- South Kalimantan	88,960	271,126.90	40,851	213,007.90	36,829	40,912.00	11,280	17,207.00
- Central Kalimantan	48,280	126,594.41	29,217	107,408.41	8,615	8,901.00	10,448	10,285.00
Region of East Kalimantan & North	85,307	363,691.53	80,368	349,234.23	1,781	5,520.50	3,158	8,936.80
Region of N, C Sulawesi & Gorontalo	106,471	348,214.18	86,135	304,716.78	-	10.80	20,336	43,486.60
- North Sulawesi	-	-	29,231	138,956.54	-	-	-	-
- Gorontalo	-	-	19,117	48,964.27	-	-	-	-
- Central Sulawesi	-	-	37,787	116,795.97	-	-	-	-
Region of S, SE & W Sulawesi	234,627	776,539.87	149,371	604,711.01	12,666.00	22,703.80	72,590	149,125.06
- South Sulawesi	103,138	444,768.46	103,138	444,768.46	-	-	-	-
- Southeast Sulawesi	25,299	105,254.28	25,299	105,254.28	-	-	-	-
- West Sulawesi	20,934	54,688.27	20,934	54,688.27	-	-	-	-
Region of Maluku & North Maluku	48,776	114,668.84	30,886	96,756.44	5,490	2,763.60	12,400	15,148.80
- Maluku	29,287	71,556.31	18,505	57,585.71	-	-	10,782	13,970.60
- North Maluku	19,489	43,112.53	12,381	39,170.73	5,490	2,763.60	1,618	1,178.20
Region of Papua	50,733	181,965.77	50,061	180,399.77	-	-	672	1,566.00
- Papua	29,216	110,201.67	29,216	110,201.67	-	-	-	-
- West Papua	20,845	70,198.10	20,845	70,198.10	-	-	-	-
Distribution of Bali	109,894	584,903.50	90,529	516,626.35	6,056	13,049.15	13,309	55,228.00
Region of West Nusa Tenggara	98,390	275,658.25	68,688	246,490.25	16,634	15,191.00	13,068	13,977.00
Region of East Nusa Tenggara	60,458	155,353.85	54,484	148,850.85	173	177.00	5,801	6,326.00
PT PLN Batam	17,048	185,895.10	17,048	185,895.10	-	-	-	-
PT PLN Tarakan	1,973	18,088.23	668	9,828.23	-	-	1,305	8,260.00
Outside Java	1,963,816	6,628,293.76	1,448,308.00	5,599,921.95	112,057.00	156,072.05	403,451.00	872,299.76
Dist. of East Java	605,832	2,446,315.91	554,512	2,330,265.91	6,024	7,000.00	45,296	109,050.00
Dist. of Central Java & Yogyakarta	477,521	1,679,651.88	399,772	1,604,124.23	-	-	77,749	75,527.65
- Central Java	363,266	1,414,604.56	363,266	1,414,604.56	-	-	-	-
- D.I. Yogyakarta	36,506	189,519.67	36,506	189,519.67	-	-	-	-
Dist. of West Java & Banten	1,220,053	5,418,518.85	766,508	3,955,880.85	32,299	56,614.00	421,246	1,406,024.00
- West Java	693,303	3,308,709.63	693,303	3,308,709.63	-	-	-	-
- Banten	73,205	647,171.22	73,205	647,171.22	-	-	-	-
Dist. of Jakarta Raya & Tangerang	399,212	3,179,871.23	327,926	2,642,576.23	-	-	71,286	537,295
Java	2,702,618	12,724,357.87	2,048,718	10,532,847.22	38,323	63,614.00	615,577	2,127,896.65
Indonesia	4,666,434	19,352,651.63	3,497,026	16,132,789.17	150,380	219,686.05	1,019,028	3,000,196.41

Table 16 : SAIDI and SAIFI**2015**

PLN Operational Unit/ Province	SAIDI hours/customer	SAIFI times/customer
Region of Aceh	2.68	2.91
Region of North Sumatera	3.51	3.01
Region of West Sumatera	6.53	8.54
Region of Riau	11.11	9.64
- Riau	-	-
- Riau Archipelago	-	-
Region of South Sumatera, Jambi & Bengkulu	7.86	8.28
- South Sumatera	-	-
- Jambi	-	-
- Bengkulu	-	-
Region of Bangka Belitung	2.97	1.17
Distribution of Lampung	5.37	3.62
Region of West Kalimantan	4.84	3.88
Region of South & Central Kalimantan	4.32	4.24
- South Kalimantan	-	-
- Central Kalimantan	-	-
Region of East Kalimantan & North	6.61	5.95
Region of North, Central Sulawesi & Gorontalo	5.84	3.84
- North Sulawesi	-	-
- Gorontalo	-	-
- Central Sulawesi	-	-
Region of South, Southeast & West Sulawesi	36.45	55.15
- South Sulawesi	-	-
- Southeast Sulawesi	-	-
- West Sulawesi	-	-
Region of Maluku & North Maluku	4.04	4.12
- Maluku	-	-
- North Maluku	-	-
Region of Papua	1.44	1.79
Distribution of Bali	2.54	1.9
Region of West Nusa Tenggara	3.96	5.81
Region of East Nusa Tenggara	4.5	5.62
PT PLN Batam	0.36	0.53
PT PLN Tarakan	7.55	5.18
Out side Java	8.39	10.05
Dist. of East Java	2.54	2.22
Dist. of Central Java & Yogyakarta	4.69	6.22
- Central Java	-	-
- D.I. Yogyakarta	-	-
Dist. of West Java & Banten	3.38	3.01
- West Java	-	-
- Banten	-	-
Dist. of Jakarta Raya & Tangerang	3.15	2.23
Java	3.47	3.53
Indonesia	5.31	5.97

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Table 17 : SOD and SOF

2015

PLN Operational Unit/ Province	Interruption Duration (hours)	Number of Interruption (times)	Transmission Lines Length (kmc)	System Outage Duration (SOD) (hours/100 kmc)	System Outage Frequency (SOF) (times/100 kmc)
Region of Aceh	-	-	-	-	-
Region of North Sumatera	-	-	-	-	-
Region of West Sumatera	-	-	-	-	-
Region of Riau	-	-	53.60	-	-
- Riau	-	-	-	-	-
- Riau Archipelago	-	-	53.60	-	-
Region of S Sumatera, Jambi & Bengkulu	-	-	-	-	-
- South Sumatera	-	-	-	-	-
- Jambi	-	-	-	-	-
- Bengkulu	-	-	-	-	-
Region of Bangka Belitung	-	-	106.34	-	-
Distribution of Lampung	-	-	-	-	-
Region of West Kalimantan	22.85	89	508.50	4.49	17.50
Region of S & C Kalimantan	237.35	34.00	2,002.65	11.85	1.70
- South Kalimantan	-	-	1,418.75	-	-
- Central Kalimantan	-	-	583.90	-	-
Region of East Kalimantan & North	3.98	3	615.60	0.65	0.49
Region of N, C Sulawesi & Gorontalo	-	-	1,907.62	-	-
- North Sulawesi	-	-	952.93	-	-
- Gorontalo	-	-	471.81	-	-
- Central Sulawesi	-	-	482.88	-	-
Region of S, SE & W Sulawesi	2.65	0.95	2,642.81	0.10	0.04
- South Sulawesi	-	-	2,288.49	-	-
- Southeast Sulawesi	-	-	25.40	-	-
- West Sulawesi	-	-	328.92	-	-
Region of Maluku & North Maluku	-	-	-	-	-
- Maluku	-	-	-	-	-
- North Maluku	-	-	-	-	-
Region of Papua	-	-	244.00	-	-
- Papua	-	-	244.00	-	-
- West Papua	-	-	-	-	-
Distribution of Bali	-	-	-	-	-
Region of West Nusa Tenggara	22.28	4	256.20	8.70	1.56
Region of East Nusa Tenggara	-	-	-	-	-
PT PLN Batam	1.23	5	158.91	0.77	3.15
PT PLN Tarakan	-	-	-	-	-
Generation of Northern Part of Sumatera	-	-	-	-	-
Generation of Southern Part of Sumatera	-	-	-	-	-
Sumatera Trans. and Control Center	263.30	117	11,076.33	2.38	1.06
Outside Java	553.64	252.95	19,572.56	2.83	1.29
Dist. of East Java	-	-	-	-	-
Dist. of Central Java & Yogyakarta	-	-	-	-	-
- Central Java	-	-	-	-	-
- D.I. Yogyakarta	-	-	-	-	-
Dist. of West Java & Banten	-	-	-	-	-
- West Java	-	-	-	-	-
- Banten	-	-	-	-	-
Dist. of Jakarta Raya & Tangerang	-	-	-	-	-
PT Indonesia Power	-	-	-	-	-
PT Java Bali Genco	-	-	-	-	-
Java Bali Trans. and Control Center	402.10	158	22,110.00	1.82	0.71
Java	402.10	158.00	22,110.00	1.82	0.71
Indonesia	955.74	410.95	41,682.56	2.29	0.99

Table 18 : Number of Distribution Interruption per 100 kmc**2015**

PLN Operational Unit/ Province	Number of Interruption (times)	Medium Voltage Lines Length (kmc)	Number of Interruption (times/100 kmc)
Region of Aceh	2,420	16,483.24	14.68
Region of North Sumatera	10,620	28,843.00	36.82
Region of West Sumatera	7,193	9,854.00	73.00
Region of Riau	3,352	10,394.40	32.25
- Riau	2,711	8,677.51	31.24
- Riau Archipelago	641	1,716.89	37.33
Region of South Sumatera, Jambi & Bengkulu	12,399	21,959.27	56.46
- South Sumatera	8,613	11,693.56	73.66
- Jambi	2,837	6,493.19	43.69
- Bengkulu	949	3,772.52	25.16
Region of Bangka Belitung	949	3,623.00	26.19
Distribution of Lampung	5,931	10,826.00	54.78
Region of West Kalimantan	1,446	10,412.00	13.89
Region of S & C Kalimantan	8,869	12,725.15	69.70
- South Kalimantan	6,282	7,644.59	82.18
- Central Kalimantan	2,587	5,080.56	50.92
Region of East Kalimantan & North	248	6,614.90	3.75
Region of N, C Sulawesi & Gorontalo	-	13,479.00	-
- North Sulawesi	-	5,225.00	-
- Gorontalo	-	2,005.00	-
- Central Sulawesi	-	6,249.00	-
Region of S, SE & W Sulawesi	11,182	18,717.89	59.74
- South Sulawesi	7,849	12,301.68	63.80
- Southeast Sulawesi	2,342	4,623.46	50.65
- West Sulawesi	991	1,792.75	55.28
Region of Maluku & North Maluku	20,881	6,240.92	334.58
- Maluku	13,884	3,954.33	351.11
- North Maluku	6,997	2,286.59	306.00
Region of Papua	734	4,426.16	16.58
- Papua	-	2,385.15	-
- West Papua	-	2,041.01	-
Distribution of Bali	491	6,677.00	7.35
Region of West Nusa Tenggara	1,166	5,273.00	22.11
Region of East Nusa Tenggara	699	6,325.00	11.05
PT PLN Batam	0.53	1,399.00	0.04
PT PLN Tarakan	-	174.05	-
Generation of Northern Part of Sumatera	-	-	-
Generation of Southern Part of Sumatera	-	-	-
Sumatera Trans. and Control Center	-	-	-
Outside Java	88,581	194,446.98	45.56
Dist. of East Java	3,154	34,584.00	9.12
Dist. of Central Java & Yogyakarta	4,376	49,236.00	8.89
- Central Java	-	43,810.00	-
- D.I. Yogyakarta	-	5,426.00	-
Dist. of West Java & Banten	5,951	47,246.00	12.60
- West Java	-	40,693.00	-
- Banten	-	6,553.00	-
Dist. of Jakarta Raya & Tangerang	3,217	21,466.00	14.99
PT Indonesia Power	-	-	-
PT Java Bali Genco	-	-	-
Java Bali Trans. and Control Center	-	-	-
Java	16,698	152,532.00	10.95
Indonesia	105,279	346,978.98	30.34

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Table 19 : Electrification Ratio and Energy Consumption per Capita

PLN Operational Unit/Province	Population (x1,000)	Residential (x1,000)	Residential Customers	Electrification*) (%)	kWh Sold/Capita
Region of Aceh	5,002.0	1,186.8	1,117,644.0	94.17	423.6
Region of North Sumatera	13,937.8	3,260.9	2,975,872.0	91.26	624.5
Region of West Sumatera	5,196.3	1,235.5	1,092,964.0	88.47	589.5
Region of Riau	7,118.1	1,725.2	1,265,364.0	73.34	595.9
- Riau	6,344.4	1,521.8	1,087,916.0	71.49	565.3
- Riau Archipelago	773.7	203.5	177,448.0	87.22	847.3
Region of South Sumatera, Jambi & Bengkulu	13,329.3	3,280.8	2,524,005.0	76.93	495.7
- South Sumatera	8,052.3	1,959.9	1,746,804.0	89.13	588.3
- Jambi	3,402.1	847.8	371,983.0	43.88	318.6
- Bengkulu	1,874.9	473.1	405,218.0	85.65	418.9
Region of Bangka Belitung	1,372.8	349.2	342,916.0	98.21	627.6
Distribution of Lampung	8,117.3	2,063.8	1,652,802.0	80.08	439.9
Region of West Kalimantan	4,789.6	1,114.6	832,735.0	74.71	415.4
Region of S & C Kalimantan	6,484.8	1,718.9	1,326,457.0	77.17	499.1
- South Kalimantan	3,989.8	1,072.8	923,096.0	86.04	548.3
- Central Kalimantan	2,495.0	646.0	403,361.0	62.44	420.3
Region of East Kalimantan & North	3,738.6	916.4	786,873.0	85.87	804.4
Region of N, C Sulawesi & Gorontalo	6,422.0	1,561.2	1,229,159.0	78.73	412.7
- North Sulawesi	2,412.1	618.1	535,329.0	86.60	540.0
- Gorontalo	1,133.2	265.8	204,233.0	76.84	351.9
- Central Sulawesi	2,876.7	677.3	489,597.0	72.29	329.8
Region of S, SE & W Sulawesi	12,302.0	2,807.7	2,168,596.0	77.24	442.3
- South Sulawesi	8,520.3	1,959.5	1,655,020.0	84.46	525.7
- Southeast Sulawesi	2,499.5	562.1	349,560.0	62.19	281.5
- West Sulawesi	1,282.2	286.1	164,016.0	57.32	201.8
Region of Maluku & North Maluku	2,848.8	588.1	434,230.0	73.83	294.5
- Maluku	1,686.5	348.2	261,961.0	75.24	302.1
- North Maluku	1,162.3	240.0	172,269.0	71.79	283.4
Region of Papua	4,020.9	924.7	436,486.0	47.21	303.1
- Papua	3,149.4	732.0	262,495.0	35.86	242.4
- West Papua	871.5	192.6	173,991.0	90.32	522.8
Distribution of Bali	4,152.8	1,097.4	975,075.0	88.85	1,106.3
Region of West Nusa Tenggara	4,835.6	1,345.9	965,046.0	71.70	290.0
Region of East Nusa Tenggara	5,120.1	1,108.3	579,969.0	52.33	146.4
PT PLN Batam	1,199.3	315.6	190,667.0	60.41	1,700.4
PT PLN Tarakan	330.0	80.9	40,303.0	49.82	625.8
Outside Java	110,318.1	26,681.9	20,937,163.0	78.47	512.5
Dist. of East Java	38,847.6	10,759.1	9,317,449.0	86.60	793.5
Dist. of Central Java & Yogyakarta	37,453.3	10,181.9	9,235,161.0	90.70	611.2
- Central Java	33,774.1	9,077.5	8,283,579.0	91.25	604.3
- D.I.Yogyakarta	3,679.2	1,104.4	951,582.0	86.16	675.2
Dist. of West Java & Banten	51,697.5	13,189.9	12,378,724.0	93.85	991.5
- West Java	46,709.6	11,973.9	11,222,852.0	93.73	932.5
- Banten	4,987.9	1,216.0	1,155,872.0	95.06	1,543.5
Dist. of Jakarta Raya & Tangerang	17,145.2	4,856.3	4,736,763.0	97.54	2,410.5
J a v a	145,143.6	38,987.2	35,668,097.0	91.49	1,008.0
I n d o n e s i a	255,461.7	65,669.1	56,605,260.0	86.20	794.0

*) Excluded non PLN Customer

Table 20 : Number of Generating Units *)**2015**

PLN Operational Unit/ Province	Hydro	Steam	Gas Turbine	Combined Cycle	Geo- thermal	Diesel **)	Solar	Wind	Total
Region of Aceh	4	-	-	-	-	203	-	-	207
Region of North Sumatera	-	-	-	-	-	25	-	-	25
Region of West Sumatera	3	-	-	-	-	95	2	-	100
Region of Riau	-	2	-	-	-	406	1	-	409
- Riau	-	-	-	-	-	236	-	-	236
- Riau Archipelago	-	2	-	-	-	170	1	-	173
Region of South Sumatera, Jambi & Bengkulu	2	-	-	-	-	155	-	-	157
- South Sumatera	-	-	-	-	-	48	-	-	48
- Jambi	-	-	-	-	-	58	-	-	58
- Bengkulu	2	-	-	-	-	49	-	-	51
Region of Bangka Belitung	-	3	-	-	-	57	4	-	64
Distribution of Lampung	-	-	-	-	-	34	-	-	34
Region of West Kalimantan	6	-	1	-	-	265	3	-	275
Region of S & C Kalimantan	3	4	1	-	-	414	-	-	422
- South Kalimantan	3	4	1	-	-	112	-	-	120
- Central Kalimantan	-	-	-	-	-	302	-	-	302
Region of East Kalimantan & North	3	2	4	3	-	316	2	-	330
Region of N, C Sulawesi & Gorontalo	23	2	-	-	4	484	7	2	522
- North Sulawesi	12	2	-	-	4	163	6	1	188
- Gorontalo	2	-	-	-	-	22	1	1	26
- Central Sulawesi	9	-	-	-	-	299	-	-	308
Region of S, SE & W Sulawesi	18	4	5	-	-	238	9	-	274
- South Sulawesi	13	2	5	-	-	56	6	-	82
- Southeast Sulawesi	5	2	-	-	-	171	3	-	181
- West Sulawesi	-	-	-	-	-	11	-	-	11
Region of Maluku & North Maluku	-	4	-	-	-	726	11	1	742
- Maluku	-	4	-	-	-	485	10	1	500
- North Maluku	-	-	-	-	-	241	1	-	242
Region of Papua	16	-	-	-	-	347	4	-	367
- Papua	12	-	-	-	-	171	1	-	184
- West Papua	4	-	-	-	-	176	3	-	183
Distribution of Bali	-	-	-	-	-	8	-	3	11
Region of West Nusa Tenggara	4	1	-	-	-	140	5	-	150
Region of East Nusa Tenggara	7	1	-	-	2	591	10	1	612
PT PLN Batam	-	-	-	-	-	25	-	-	25
PT PLN Tarakan	-	-	2	-	-	9	-	-	11
Generation of Northern Part of Sumatera	20	10	10	6	-	36	-	-	82
Generation of Southern Part of Sumatera	25	13	19	3	2	36	-	-	98
O u t s i d e J a v a	134	46	42	12	8	4,610	58	7	4,917
Dist. of East Java	2	-	-	-	-	35	-	-	37
Dist. of Central Java & Yogyakarta	3	-	-	-	-	-	-	-	3
- Central Java	2	-	-	-	-	-	-	-	2
- D.I. Yogyakarta	1	-	-	-	-	-	-	-	1
Dist. of West Java & Banten	-	-	-	-	-	2	-	-	2
- West Java	-	-	-	-	-	-	-	-	-
- Banten	-	-	-	-	-	-	-	-	2
Dist. of Jakarta Raya & Tangerang	-	-	-	-	-	-	-	-	-
PT Indonesia Power	59	14	18	20	7	7	-	-	125
PT Java Bali Genco	34	11	12	20	-	-	-	-	77
Java Bali Trans. and Control Center	-	-	-	-	-	-	-	-	-
Generation of Tanjung Jati B	-	4	-	-	-	-	-	-	4
Generation Unit of Java Bali	-	19	-	13	-	-	-	-	32
J a v a	98	48	30	53	7	44	-	-	280
PLN Construction Unit I	-	3	-	-	-	1	-	-	4
PLN Construction Unit VIII	-	8	-	-	-	-	-	-	8
PLN Construction Unit IX	-	4	-	-	-	-	-	-	4
PLN Construction Unit X	-	1	-	-	-	-	-	-	1
PLN Construction Unit XI	-	4	-	-	-	-	-	-	4
Generation Projects	-	20	-	-	-	1	-	-	21
I n d o n e s i a	232	114	72	65	15	4,655	58	7	5,218

*) Generation own by PLN

**) Total Diesel Including Diesel Gas

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Table 21 : National Installed Capacity (MW)

2015

PLN Operational Unit/Province	Hydro	Steam	Gas Turbined	Combined Cycle	Geo- thermal	Diesel*)	Solar	Wind	Total	(%)	Rental	IPP	Total
Region of Aceh	2.62	-	-	-	-	123.28	-	-	125.90	0.31	72.00	25.95	223.85
Region of North Sumatera	-	-	-	-	-	14.65	-	-	14.65	0.04	32.49	6.00	53.14
Region of West Sumatera	0.66	-	-	-	-	33.39	0.19	-	34.23	0.09	38.99	10.53	83.75
Region of Riau	-	14.00	-	-	-	177.14	0.2	-	191.34	0.48	268.40	14.89	474.63
- Riau	-	-	-	-	-	82.53	-	-	82.53	0.20	-	-	-
- Riau Archipelago	-	14.00	-	-	-	94.61	0.2	-	108.81	0.27	-	-	-
Region of South Sumatera, Jambi & Bengkulu	1.6	-	-	-	-	52.97	-	-	54.57	0.14	36.41	186.45	277.43
- South Sumatera	-	-	-	-	-	7.38	-	-	7.38	0.02	-	-	-
- Jambi	-	-	-	-	-	21.31	-	-	21.31	0.05	-	-	-
- Bengkulu	1.6	-	-	-	-	24.29	-	-	25.89	0.06	-	-	-
Region of Bangka Belitung	-	76.5	-	-	-	88.53	0.33	-	165.36	0.41	136.00	13.20	314.56
Distribution of Lampung	-	-	-	-	-	1.12	-	-	1.12	-	-	24.00	25.12
Region of West Kalimantan	2.03	-	34.00	-	-	191.77	0.18	-	227.97	0.57	266.71	14.32	509.00
Region of S & C Kalimantan	30.00	260.00	21.00	-	-	211.58	-	-	522.58	1.30	170.75	98.10	791.43
- South Kalimantan	30.00	260.00	21.00	-	-	139.93	-	-	450.93	1.12	-	-	-
- Central Kalimantan	-	-	-	-	-	71.65	-	-	71.65	0.18	-	-	-
Region of East Kalimantan & North	0.26	-	200.00	60.00	-	228.40	0.43	-	489.09	1.21	134.55	318.90	942.54
Region of N, C Sulawesi & Gorontalo	66.53	50.00	-	-	80.00	263.55	1.02	0.58	461.68	1.15	200.00	113.55	775.23
- North Sulawesi	56.38	50.00	-	-	80.00	107.09	0.98	0.08	294.53	0.73	-	-	-
- Gorontalo	1.20	-	-	-	-	27.91	0.05	0.50	29.66	0.07	-	-	-
- Central Sulawesi	8.95	-	-	-	-	128.55	-	-	137.50	0.34	-	-	-
Region of S, SE & W Sulawesi	158.05	130.00	122.72	-	-	168.28	1.98	-	581.03	1.44	276.00	771.50	1,628.53
- South Sulawesi	153.90	110.00	122.72	-	-	62.43	1.30	-	450.35	1.12	-	-	-
- Southeast Sulawesi	4.15	20.00	-	-	-	102.64	0.68	-	127.47	0.32	-	-	-
- West Sulawesi	-	-	-	-	-	3.22	-	-	3.22	0.01	-	-	-
Region of Maluku & North Maluku	-	1.65	-	-	-	197.13	1.77	0.02	200.56	0.50	111.82	-	312.38
- Maluku	-	1.65	-	-	-	138.92	1.17	0.02	141.75	0.35	-	-	-
- North Maluku	-	-	-	-	-	58.21	0.60	-	58.81	0.15	-	-	-
Region of Papua	29.59	-	-	-	-	140.18	0.39	-	170.16	0.42	146.56	40.01	356.73
- Papua	24.46	-	-	-	-	89.43	0.3	-	114.19	0.28	-	-	-
- West Papua	5.13	-	-	-	-	50.76	0.09	-	55.98	0.14	-	-	-
Distribution of Bali	-	-	-	-	-	2.96	-0.30	-	3.26	0.01	4.80	0.69	8.75
Region of West Nusa Tenggara	2.02	-	-	-	-	136.35	0.83	-	139.20	0.35	179.00	11.70	329.90
Region of East Nusa Tenggara	5.28	33.00	-	-	15.89	146.40	1.56	0.09	202.21	0.50	87.53	-	289.74
PT PLN Batam	-	-	-	-	-	128.76	-	-	128.76	0.32	215.46	208.46	552.68
PT PLN Tarakan	-	-	12.00	-	-	19.22	-	-	31.22	0.08	58.60	-	89.82
Generation of Northern Part of Sumatera	253.50	1,150.00	305.66	817.88	-	231.36	-	-	2,758.40	6.85	607.20	-	3,365.60
Generation of Southern Part of Sumatera	608.23	974.00	308.61	120.00	110.00	211.25	-	-	2,332.09	5.79	505.55	-	2,837.64
Sumatera Trans. and Control Center	-	-	-	-	-	-	-	-	-	-	-	1,211.90	1,211.90
Outside Java	1,160.37	2,689.15	1,003.99	997.88	205.89	2,768.27	8.88	0.99	8,835.38	21.94	3,548.82	3,070.15	15,454.35
Dist. of East Java	1.85	-	-	-	-	7.58	-	-	9.43	0.02	10.86	19.70	39.99
Dist. of Central Java & Yogyakarta	0.66	-	-	-	-	-	-	-	0.66	-	-	1.83	2.49
- Central Java	0.48	-	-	-	-	-	-	-	0.48	-	-	-	-
- D.I. Yogyakarta	0.18	-	-	-	-	-	-	-	0.18	-	-	-	-
Dist. of West Java & Banten	-	-	-	-	-	0.2	-	-	0.20	-	-	-	0.20
- West Java	-	-	-	-	-	-	-	-	-	-	-	-	-
- Banten	-	-	-	-	-	0.2	-	-	0.20	-	-	-	-
Dist. of Jakarta Raya & Tangerang	-	-	-	-	-	-	-	-	-	-	-	-	-
PT Indonesia Power	1,119.52	3,900.00	786.13	2,675.73	345	215.74	-	-	9,042.11	22.46	69.80	-	9111.91
PT Java Bali Genco	1,283.78	1,800.00	1,191.20	2,747.36	-	-	-	-	7,022.34	17.44	-	-	7022.34
Java Bali Trans. and Control Center	-	-	-	-	-	-	-	-	-	-	-	5,872.87	5872.87
Generation of Tanjung Jati B	-	2,840.00	-	-	-	-	-	-	2,840.00	7.05	-	-	2840.00
Generation Unit of Java Bali	-	6,480.00	-	2,473.14	-	-	-	-	8,953.14	22.24	-	-	8953.14
Java	2,405.81	15,020.00	1,977.33	7,896.23	345.00	223.52	-	-	27,867.88	69.21	80.66	5,894.40	33,842.94
PLN Construction Unit I	-	-	-	-	-	184.00	-	-	184.00	0.46	-	-	184.00
PLN Construction Unit VIII	-	3,040.00	-	-	-	-	-	-	3,040.00	7.55	-	-	3,040.00
PLN Construction Unit IX	-	174.00	-	-	-	-	-	-	174.00	0.43	-	-	174.00
PLN Construction Unit X	-	100.00	-	-	-	-	-	-	100.00	0.25	-	-	100.00
PLN Construction Unit XI	-	64.00	-	-	-	-	-	-	64.00	0.16	-	-	64.00
Generation Projects	-	3,378.00	-	-	-	184.00	-	-	3,562.00	8.85	-	-	3,562.00
Indonesia %	3,566.18	21,087.15	2,981.32	8,894.11	550.89	3,175.79	8.88	0.99	40,265.26	100.00	3,629.48	8,964.55	52,859.29
*) Total Diesel Including Diesel Gas													

Table 22 : Rated Capacity (MW)**2015**

PLN Operational Unit/ Province	Hydro	Steam	Gas Turbine	Combined Cycle	Geo- thermal	Diesel *)	Solar	Wind	Total	(%)
Region of Aceh	2.06	-	-	-	-	60.42	-	-	62.47	0.18
Region of North Sumatera	-	-	-	-	-	5.6	-	-	5.60	0.02
Region of West Sumatera	0.05	-	-	-	-	17.92	0.13	-	18.10	0.05
Region of Riau	-	12.00	-	-	-	107.00	0.10	-	119.1	0.35
- Riau	-	-	-	-	-	40.11	-	-	40.11	0.12
- Riau Archipelago	-	12.00	-	-	-	66.9	0.10	-	79.00	0.23
Region of South Sumatera, Jambi & Bengkulu	1.60	-	-	-	-	25.76	-	-	27.36	0.08
- South Sumatera	-	-	-	-	-	4.25	-	-	4.25	0.01
- Jambi	1.60	-	-	-	-	9.75	-	-	11.35	0.03
- Bengkulu	-	-	-	-	-	11.77	-	-	11.77	0.03
Region of Bangka Belitung	-	35.00	-	-	-	40.53	0.25	-	75.77	0.22
Distribution of Lampung	-	-	-	-	-	0.92	-	-	0.92	-
Region of West Kalimantan	1.84	-	32.6	-	-	109.29	0.17	-	143.9	0.43
Region of S & C Kalimantan	30	251.00	18.00	-	-	104.4	-	-	403.4	1.19
- South Kalimantan	30	251.00	18.00	-	-	60.08	-	-	359.08	1.06
- Central Kalimantan	-	-	-	-	-	44.32	-	-	44.32	0.13
Region of East Kalimantan & North	0.08	-	146.00	60.00	-	129.64	0.03	-	335.75	0.99
Region of N, C Sulawesi & Gorontalo	60.2	33.00	-	-	80	155.66	0.64	0.58	330.08	0.98
- North Sulawesi	52.25	33.00	-	-	80	67.65	0.61	0.08	233.59	0.69
- Gorontalo	1.1	-	-	-	-	15.32	0.03	0.50	16.95	0.05
- Central Sulawesi	6.85	-	-	-	-	72.69	-	-	79.54	0.24
Region of S, SE & W Sulawesi	155	100.00	58.00	-	-	119.25	1.8	-	434.05	1.28
- South Sulawesi	150.85	80.00	58.00	-	-	44.18	1.3	-	334.33	0.99
- Southeast Sulawesi	4.15	20.00	-	-	-	73.18	0.5	-	97.83	0.29
- West Sulawesi	-	-	-	-	-	1.89	-	-	1.89	0.01
Region of Maluku & North Maluku	-	1.38	-	-	-	114.53	1.43	0.02	117.36	0.35
- Maluku	-	1.38	-	-	-	80.25	1.03	0.02	82.68	0.24
- North Maluku	-	-	-	-	-	34.29	0.4	-	34.69	0.10
Region of Papua	27.39	-	-	-	-	95.25	0.05	-	122.69	0.36
- Papua	23.26	-	-	-	-	62.39	-	-	85.65	0.25
- West Papua	4.13	-	-	-	-	32.87	0.05	-	37.05	0.11
Distribution of Bali	-	-	-	-	-	1.81	-	0.30	2.11	0.01
Region of West Nusa Tenggara	1.15	-	-	-	-	94.68	0.83	-	96.66	0.29
Region of East Nusa Tenggara	1.36	26.00	-	-	5.84	60.34	1.12	0.09	94.75	0.28
PT PLN Batam	-	-	-	-	-	101.02	-	-	101.02	0.30
PT PLN Tarakan	-	-	8.1	-	-	5.95	-	-	14.05	0.04
Generation of Northern Part of Sumatera	251	718.39	128.00	455.00	-	166.1	-	-	1,718.49	5.09
Generation of Southern Part of Sumatera	603.35	566.37	267.68	112.00	104.00	172.19	-	-	1,825.59	5.40
Sumatera Trans. and Control Center	-	-	-	-	-	-	-	-	-	-
Outside Java	1,135.08	1,743.14	658.38	627.00	189.84	1,688.26	6.55	0.99	6,049.22	17.90
Dist. of East Java	1.8	-	-	-	-	5.1	-	-	6.9	0.02
Dist. of Central Java & Yogyakarta	0.57	-	-	-	-	-	-	-	0.57	-
- Central Java	0.39	-	-	-	-	-	-	-	0.39	-
- D.I. Yogyakarta	0.18	-	-	-	-	-	-	-	0.18	-
Dist. of West Java & Banten	-	-	-	-	-	0.16	-	-	0.16	-
- West Java	-	-	-	-	-	-	-	-	-	-
- Banten	-	-	-	-	-	0.16	-	-	0.16	-
Dist. of Jakarta Raya & Tangerang	-	-	-	-	-	-	-	-	-	-
PT Indonesia Power	1,113.56	3,497.60	680.04	2,415.23	326.6	209.24	-	-	8,242.27	24.39
PT Java Bali Genco	1,223.78	1,617.00	1,148.00	2,315.00	-	-	-	-	6,303.78	18.65
Java Bali Trans. and Control Center	-	-	-	-	-	-	-	-	-	-
Generation of Tanjung Jati B	-	2,840	-	-	-	-	-	-	2,840.00	8.40
Generation Unit of Java Bali	-	5,887.00	-	2,274.00	-	-	-	-	8,161.00	24.15
Java	2,339.71	13,841.60	1,828.04	7,004.23	326.60	214.50	-	-	25,554.68	75.62
PLN Construction Unit I	-	-	-	-	-	-	-	-	-	-
PLN Construction Unit VIII	-	1,852.00	-	-	-	-	-	-	1,852.00	5.48
PLN Construction Unit IX	-	174.00	-	-	-	-	-	-	174.00	0.51
PLN Construction Unit X	-	100.00	-	-	-	-	-	-	100.00	0.30
PLN Construction Unit XI	-	64.00	-	-	-	-	-	-	64.00	0.19
Generation Projects	-	2,190.00	-	-	-	-	-	-	2,190.00	6.48
Indonesia %	3,474.79	17,774.74	2,486.42	7,631.23	516.44	1,902.76	6.55	0.99	33,793.90	100.00
	10.28	52.60	7.36	22.58	1.53	5.63	0.02	-	100.00	-

*) Total Diesel Including Diesel Gas

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Table 23 : Energy Production by Type of Power Plant (GWh)

PLN Operational Unit/ Province	Own Generated							
	Hydro	Steam	Gas Turbine	Combined Cycle	Geothermal	Diesel	Diesel Gas	Solar
Region of Aceh	9.14	-	-	-	-	72.95	-	-
Region of North Sumatera	-	-	-	-	-	9.16	-	-
Region of West Sumatera	0.14	-	-	-	-	34.81	-	0.05
Region of Riau	-	37.38	-	-	-	180.48	-	0.08
- Riau	-	-	-	-	-	44.51	-	-
- Riau Archipelago	-	37.38	-	-	-	135.97	-	0.08
Region of South Sumatera, Jambi & Bengkulu	1.62	-	-	-	-	19.90	-	-
- South Sumatera	-	-	-	-	-	0.55	-	-
- Jambi	-	-	-	-	-	0.72	-	-
- Bengkulu	1.62	-	-	-	-	18.64	-	-
Region of Bangka Belitung	-	122.32	-	-	-	123.76	-	0.15
Distribution of Lampung	-	-	-	-	-	0.13	-	-
Region of West Kalimantan	4.70	-	88.83	-	-	457.64	-	0.05
Region of S & C Kalimantan	114.75	1,854.71	22.87	-	-	205.69	-	-
- South Kalimantan	114.75	1,854.71	22.87	-	-	108.98	-	-
- Central Kalimantan	-	-	-	-	-	96.70	-	-
Region of East Kalimantan & North	0.05	-	224.17	33.32	-	263.65	60.93	0.31
Region of N, C Sulawesi & Gorontalo	193.58	225.55	-	-	589.77	282.45	-	0.67
- North Sulawesi	169.68	225.53	-	-	589.77	108.32	-	0.64
- Gorontalo	2.96	0.02	-	-	-	35.38	-	0.03
- Central Sulawesi	20.94	-	-	-	-	138.75	-	-
Region of S, SE & W Sulawesi	826.57	387.70	16.15	-	-	214.67	-	1.35
- South Sulawesi	815.12	293.45	16.15	-	-	50.61	-	0.78
- Southeast Sulawesi	11.45	94.25	-	-	-	161.38	-	0.57
- West Sulawesi	-	-	-	-	-	2.69	-	-
Region of Maluku & North Maluku	-	3.35	-	-	-	234.48	-	0.80
- Maluku	-	3.35	-	-	-	167.38	-	0.47
- North Maluku	-	-	-	-	-	67.11	-	0.33
Region of Papua	26.71	-	-	-	-	265.91	-	0.24
- Papua	21.21	-	-	-	-	191.31	-	0.01
- West Papua	5.50	-	-	-	-	74.60	-	0.24
Distribution of Bali	-	-	-	-	-	0.31	-	-
Region of West Nusa Tenggara	5.66	195.56	-	-	-	321.08	-	0.64
Region of East Nusa Tenggara	13.79	117.26	-	-	32.87	154.37	-	0.93
PT PLN Batam	-	-	-	-	-	8.60	142.40	-
PT PLN Tarakan	-	-	49.35	-	-	-	5.33	-
Generation of Northern Part of Sumatera	1,195.32	2,601.50	332.48	3,952.12	-	107.04	506.08	-
Generation of Southern Part of Sumatera	1,990.17	4,743.73	1,010.82	717.78	876.05	70.34	95.39	-
Sumatera Trans. and Control Center	-	-	-	-	-	-	-	-
Outside Java	4,382.22	10,289.06	1,744.67	4,703.21	1,498.68	3,027.43	810.12	5.28
Dist. of East Java	1.39	-	-	-	-	4.78	-	-
Dist. of Central Java & Yogyakarta	-	-	-	-	-	-	-	-
- Central Java	-	-	-	-	-	-	-	-
- D.I. Yogyakarta	-	-	-	-	-	-	-	-
Dist. of West Java & Banten	-	-	-	-	-	0.52	-	-
- West Java	-	-	-	-	-	-	-	-
- Banten	-	-	-	-	-	0.52	-	-
Dist. of Jakarta Raya & Tangerang	-	-	-	-	-	-	-	-
PT Indonesia Power	3,398.70	23,528.45	615.73	8,271.98	2,892.87	0.02	422.69	-
PT Java Bali Genco	2,222.18	10,731.89	1,082.53	12,447.37	-	-	-	-
Java Bali Trans. and Control Center	-	-	-	-	-	-	-	-
Generation of Tanjung Jati B	-	18,674.84	-	-	-	-	-	-
Generation Unit of Java Bali	-	32,591.05	-	13,282.99	-	-	-	-
Java	5,622.26	85,526.22	1,698.26	34,002.35	2,892.87	5.32	422.69	-
Indonesia	10,004.48	95,815.29	3,442.93	38,705.56	4,391.55	3,032.75	1,232.81	5.28
%	4.28	40.95	1.47	16.54	1.88	1.30	0.53	-

2015

Diesel	Gas Turbine	Rented			Sub Total	Purchased and Project	Total	(%)
		Combined Cycle	Steam	Hydro				
437.12	-	-	-	-	519.21	64.59	583.80	0.25
113.81	-	-	-	-	122.97	486.36	609.32	0.26
143.32	-	-	-	-	178.33	52.88	231.21	0.10
1,127.30	-	-	49.99	-	1,395.22	242.74	1,637.96	0.70
709.46	-	-	-	-	753.97	166.38	920.34	0.39
417.84	-	-	49.99	-	641.25	76.37	717.62	0.31
88.16	-	-	-	-	109.68	821.90	931.58	0.40
-	-	-	-	-	0.55	548.30	548.84	0.23
25.55	-	-	-	-	26.27	210.06	236.32	0.10
62.61	-	-	-	-	82.87	63.55	146.42	0.06
677.05	-	-	-	-	923.29	67.31	990.60	0.42
-	-	-	-	-	0.13	144.45	144.58	0.06
1,743.44	-	-	-	-	2,294.67	97.60	2,392.27	1.02
940.88	-	-	-	-	3,138.90	750.62	3,889.53	1.66
480.91	-	-	-	-	2,582.22	634.40	3,216.62	1.37
459.97	-	-	-	-	556.68	116.02	672.70	0.29
931.49	29.09	-	-	-	1,543.01	1,787.17	3,330.19	1.42
1,154.35	-	-	28.71	-	2,475.08	646.39	3,121.48	1.33
509.72	-	-	-	-	1,603.67	13.48	1,617.15	0.69
245.12	-	-	-	-	283.50	131.59	415.10	0.18
399.51	-	-	28.71	-	587.91	501.32	1,089.23	0.47
676.77	-	610.45	-	-	2,733.67	3,765.83	6,499.50	2.78
81.93	-	610.45	-	-	1,868.49	3,753.27	5,621.76	2.40
578.64	-	-	-	-	846.29	12.56	858.84	0.37
16.21	-	-	-	-	18.90	-	18.90	0.01
713.09	-	-	-	-	951.73	-	951.73	0.41
610.18	-	-	-	-	781.38	-	781.38	0.33
102.91	-	-	-	-	170.35	-	170.35	0.07
841.79	1.22	-	-	-	1,135.88	229.56	1,365.44	0.58
641.61	-	-	-	-	854.14	4.62	858.76	0.37
200.18	1.22	-	-	-	281.74	224.93	506.68	0.22
-	-	-	-	-	0.31	3.08	3.38	-
991.71	-	-	-	-	1,514.65	114.83	1,629.49	0.70
497.42	-	-	-	0.38	817.01	13.48	830.49	0.35
-	416.28	-	862.08	-	1,429.35	757.80	2,187.15	0.93
18.88	137.26	-	-	-	210.81	15.80	226.61	0.10
3,438.11	295.58	-	-	-	12,428.22	-	12,428.22	5.31
651.65	1,584.68	-	-	-	11,740.60	-	11,740.60	5.02
-	-	-	-	-	-	6,010.91	6,010.91	2.57
15,186.35	2,464.11	610.45	940.78	0.38	45,662.72	16,073.31	61,736.03	26.38
36.78	-	-	-	-	42.94	43.27	86.21	0.04
-	-	-	-	-	-	8.61	8.61	-
-	-	-	-	-	-	8.61	8.61	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	0.52	87.79	88.31	0.04
-	-	-	-	-	-	82.61	82.61	0.04
-	-	-	-	-	0.52	5.18	5.70	-
-	-	-	-	-	-	-	-	-
602.74	-	-	-	-	39,733.18	-	39,733.18	16.98
-	-	-	-	-	26,483.97	-	26,483.97	11.32
-	-	-	-	-	-	41,296.79	41,296.79	17.65
-	-	-	-	-	18,674.84	-	18,674.84	7.98
-	-	-	-	-	45,874.04	-	45,874.04	19.61
639.52	-	-	-	-	130,809.49	41,436.46	172,245.95	73.62
15,825.86	2,464.11	610.45	940.78	0.38	176,472.21	57,509.77	233,981.99	100.00
6.76	1.05	0.26	0.40	-	75.42	24.58	100.00	-

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Table 24 : Consumption of Fuel

2015

PLN Operational Unit/Province	Oil (kilo litre)				Coal (ton)	Natural Gas (MMSCF)
	HSD	IDO	MFO	Fuel Mix*)		
Region of Aceh	106,033.11	-	-	33,529.15	139,562.26	-
Region of North Sumatera	32,425.77	-	-	372.43	32,798.20	-
Region of West Sumatera	50,231.09	-	-	-	50,231.09	-
Region of Riau	317,274.62	-	-	10,797.37	328,071.99	95,365.62
- Riau	171,914.95	-	-	4,035.80	175,950.75	-
- Riau Archipelago	145,359.67	-	-	6,761.57	152,121.24	95,365.62
Region of South Sumatera, Jambi & Bengkulu	23,181.37	-	-	-	23,181.37	-
- South Sumatera	152.3	-	-	-	152.3	-
- Jambi	216.92	-	-	-	216.92	-
- Bengkulu	22,812.16	-	-	-	22,812.16	-
Region of Bangka Belitung	202,229.69	-	-	8,122.62	210,352.31	116,121.60
Distribution of Lampung	55.75	-	-	13.94	69.69	-
Region of West Kalimantan	392,788.85	-	214,838.25	412.17	608,039.27	-
Region of S & C Kalimantan	316,712.47	-	3,103.20	5,818.23	325,633.90	1,427,157.00
- South Kalimantan	167,921.60	-	3,103.20	139.96	171,164.76	1,427,157.00
- Central Kalimantan	148,790.87	-	-	5,678.27	154,469.14	-
Region of East Kalimantan & North	290,308.08	-	81,888.37	45.21	372,241.66	-
Region of N, C Sulawesi & Gorontalo	299,815.11	-	26,135.33	74,953.78	400,904.22	216,398.03
- North Sulawesi	126,251.48	-	12,391.74	31,562.87	170,206.09	216,398.03
- Gorontalo	59,397.33	-	-	14,849.33	74,246.66	-
- Central Sulawesi	114,166.29	-	13,743.59	28,541.57	156,451.45	-
Region of S, SE & W Sulawesi	189,649.11	-	41,377.71	18,770.57	249,797.39	390,920.84
- South Sulawesi	20,239.42	-	21,632.13	1,585.47	43,457.02	269,510.94
- Southeast Sulawesi	164,656.30	-	19,745.58	16,626.04	201,027.92	121,409.90
- West Sulawesi	4,753.39	-	-	559.06	5,312.45	-
Region of Maluku & North Maluku	223,779.97	-	32,578.20	2,986.55	259,344.72	8,341.21
- Maluku	175,330.39	-	32,578.20	2,986.55	210,895.14	8,341.21
- North Maluku	48,449.58	-	-	-	48,449.58	-
Region of Papua	299,716.22	-	-	-	299,716.22	-
- Papua	224,826.72	-	-	-	224,826.72	-
- West Papua	74,889.50	-	-	-	74,889.50	-
Distribution of Bali	1,812.37	-	-	572.04	2,384.41	-
Region of West Nusa Tenggara	278,193.98	-	69,513.52	29.31	347,736.81	167,425.55
Region of East Nusa Tenggara	176,357.45	-	2,275.97	3,015.16	181,648.58	108,385.60
PT PLN Batam	373.07	-	1,763.82	-	2,136.89	499,365.86
PT PLN Tarakan	6,135.52	-	-	-	6,135.52	-
Generation of Northern Part of Sumatera	670,824.13	-	316,511.46	27,969.80	1,015,305.39	1,476,261.20
Generation of Southern Part of Sumatera	122,083.79	2,244.01	274.5	2,769.02	127,371.32	2,968,789.87
Sumatera Trans. and Control Center	-	-	-	-	-	-
Outside Java	3,999,981.52	2,244.01	790,260.33	190,177.35	4,982,663.21	7,474,532.38
						108,396.26
Dist. of East Java	9,382.60	-	-	2,538.73	11,921.33	-
Dist. of Central Java & Yogyakarta	-	-	-	-	-	-
- Central Java	-	-	-	-	-	-
- D.I. Yogyakarta	-	-	-	-	-	-
Dist. of West Java & Banten	147.1	-	-	14.20	161.3	-
- West Java	-	-	-	-	-	-
- Banten	147.1	-	-	14.20	161.3	-
Dist. of Jakarta Raya & Tangerang	-	-	-	-	-	-
PT Indonesia Power	326,944.37	-	100,803.69	-	427,748.06	12,168,481.74
PT Java Bali Genco	15,296.06	-	13,202.20	-	28,498.26	2,632,091.72
Java Bali Trans. and Control Center	-	-	-	-	-	-
Generation of Tanjung Jati B	3,817.88	-	-	-	3,817.88	7,421,959.38
Generation Unit of Java Bali	17,173.64	-	-	1,908.18	19,081.82	18,428,874.93
Java	372,761.65	-	114,005.89	4,461.11	491,228.65	40,651,407.77
Generation Projects	4,312.34	-	-	658.42	4,970.76	869,229.28
Indonesia	4,377,055.51	2,244.01	904,266.22	195,296.88	5,478,862.62	48,995,169.43
						456,493.77

*) Olein, biodiesel, and etc.

Table 25 : Unit Price of Fuel**2015**

PLN Operational Unit/Province	Oil (Rp/litre)*				Coal	Natural Gas	Geothermal
	HSD **)	IDO	MFO	Average	(Rp/Kg)	(Rp/MMSCF)	(Rp/kWh)
Region of Aceh	8,987.73	-	-	6,828.47	-	-	-
Region of North Sumatera	7,283.82	-	-	7,201.11	-	-	-
Region of West Sumatera	6,651.59	-	-	6,651.59	-	-	-
Region of Riau	4,556.74	-	-	4,406.77	480.28	89,507.79	-
- Riau	-	-	-	-	-	-	-
- Riau Archipelago	-	-	-	-	-	-	-
Region of South Sumatera, Jambi & Bengkulu	7,025.02	-	-	7,025.02	-	101,447.48	-
- South Sumatera	-	-	-	-	-	-	-
- Jambi	-	-	-	-	-	-	-
- Bengkulu	-	-	-	-	-	-	-
Region of Bangka Belitung	7,452.04	-	-	7,164.28	722.06	-	-
Distribution of Lampung	-	-	-	-	-	-	-
Region of West Kalimantan	6,933.98	-	4,824.78	6,184.03	-	-	-
Region of S & C Kalimantan	6,899.26	-	7,023.44	6,777.17	450.20	-	-
- South Kalimantan	-	-	-	-	-	-	-
- Central Kalimantan	-	-	-	-	-	-	-
Region of East Kalimantan & North	7,025.88	-	6,610.00	6,933.54	-	64,445.26	-
Region of N, C Sulawesi & Gorontalo	8,574.42	-	5,320.60	6,759.21	571.01	-	841.90
- North Sulawesi	-	-	-	-	-	-	-
- Gorontalo	-	-	-	-	-	-	-
- Central Sulawesi	-	-	-	-	-	-	-
Region of S, SE & W Sulawesi	7,454.46	-	4,989.33	6,485.98	495.41	-	-
- South Sulawesi	-	-	-	-	-	-	-
- Southeast Sulawesi	-	-	-	-	-	-	-
- West Sulawesi	-	-	-	-	-	-	-
Region of Maluku & North Maluku	7,056.79	-	4,767.04	6,687.89	-	-	-
- Maluku	-	-	-	-	-	-	-
- North Maluku	-	-	-	-	-	-	-
Region of Papua	6,863.83	-	-	6,863.83	-	-	-
- Papua	-	-	-	-	-	-	-
- West Papua	-	-	-	-	-	-	-
Distribution of Bali	7,392.38	-	-	7,392.38	-	-	-
Region of West Nusa Tenggara	6,777.64	-	4,761.38	6,374.01	633.87	-	-
Region of East Nusa Tenggara	7,051.78	-	7,747.55	6,943.44	448.93	-	-
PT PLN Batam	7,723.33	-	5,083.12	5,544.06	798.47	77,350.77	-
PT PLN Tarakan	9,830.31	-	-	9,830.31	-	75,389.34	-
Generation of Northern Part of Sumatera	6,933.17	-	4,836.35	6,088.51	-	124,749.30	-
Generation of Southern Part of Sumatera	6,836.83	-	-	6,682.37	570.06	109,689.67	676.74
Outside Java	6,982.78	-	5,049.96	6,409.47	591.65	107,787.83	743.19
Dist. of East Java	10,860.54	-	-	10,860.54	-	-	-
Dist. of Central Java & Yogyakarta	-	-	-	-	-	-	-
- Central Java	-	-	-	-	-	-	-
- D.I. Yogyakarta	-	-	-	-	-	-	-
Dist. of West Java & Banten	6,879.62	-	-	6,879.62	-	-	-
- West Java	-	-	-	-	-	-	-
- Banten	-	-	-	-	-	-	-
Dist. of Jakarta Raya & Tangerang	-	-	-	-	-	-	-
PT Indonesia Power	7,422.28	-	4,999.53	6,851.33	747.16	106,152.99	751.51
PT Java Bali Genco	9,220.68	-	7,300.97	8,331.35	718.64	102,373.93	-
Generation of Tanjung Jati B	7,994.74	-	-	7,994.74	841.11	-	-
Generation Unit of Java Bali	9,882.06	-	-	9,882.06	643.03	109,730.11	-
Java	7,826.41	-	5,266.04	7,161.12	715.26	105,335.66	751.51
Indonesia	6,951.23	6,400.37	5,086.56	6,395.47	662.46	105,917.94	748.71

*) BBM unit price (HSD, IDO, MFO) including transportation costs

**) HSD price including biodiesel

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Table 26 : Energy Production by Type of Fuel (GWh)

2015

PLN Operational Unit/Province	Oil (kilo litre)				Total	Coal (ton)	Natural Gas (MMSCF)	Total
	HSD	IDO	MFO	Other Fuel Mix *)				
Region of Aceh	395.15	-	-	114.92	510.07	-	-	510.07
Region of North Sumatera	121.38	-	-	1.58	122.96	-	-	122.96
Region of West Sumatera	178.13	-	-	-	178.13	-	-	178.13
Region of Riau	1,150.16	-	-	35.02	1,185.18	87.37	122.6	1,395.15
- Riau	618.59	-	-	12.78	631.37	-	122.6	753.97
- Riau Archipelago	531.57	-	-	22.24	553.81	87.37	-	641.18
Region of South Sumatera, Jambi & Bengkulu	82.51	-	-	-	82.51	-	25.55	108.06
- South Sumatera	0.55	-	-	-	0.55	-	-	0.55
- Jambi	0.72	-	-	-	0.72	-	25.55	26.27
- Bengkulu	81.24	-	-	-	81.24	-	-	81.24
Region of Bangka Belitung	773.3	-	-	27.52	800.82	122.32	-	923.14
Distribution of Lampung	0.11	-	-	0.02	0.13	-	-	0.13
Region of West Kalimantan	1,412.80	-	875.8	1.32	2,289.92	-	-	2,289.92
Region of S & C Kalimantan	1,139.73	-	10.16	19.55	1,169.44	1,854.71	-	3,024.15
- South Kalimantan	602.14	-	10.16	0.46	612.76	1,854.71	-	2,467.47
- Central Kalimantan	537.59	-	-	19.09	556.68	-	-	556.68
Region of East Kalimantan & North	931.81	-	334.2	0.16	1,266.17	-	276.48	1,542.65
Region of N, C Sulawesi & Gorontalo	1,109.66	-	100.63	255.22	1,465.51	225.53	-	1,691.04
- North Sulawesi	463.35	-	48.13	106.57	618.05	225.53	-	843.58
- Gorontalo	228.05	-	-	52.45	280.5	-	-	280.50
- Central Sulawesi	418.27	-	52.5	96.2	566.97	-	-	566.97
Region of S, SE & W Sulawesi	691.09	-	152.31	64.2	907.6	387.7	610.45	1,905.75
- South Sulawesi	71.21	-	72.01	5.47	148.69	293.45	610.45	1,052.59
- Southeast Sulawesi	602.88	-	80.3	56.84	740.02	94.25	-	834.27
- West Sulawesi	17	-	-	1.89	18.89	-	-	18.89
Region of Maluku & North Maluku	808.56	-	128.87	10.15	947.58	3.35	-	950.93
- Maluku	638.54	-	128.87	10.15	777.56	3.35	-	780.91
- North Maluku	170.02	-	-	-	170.02	-	-	170.02
Region of Papua	1,108.93	-	-	-	1,108.93	-	-	1,108.93
- Papua	832.92	-	-	-	832.92	-	-	832.92
- West Papua	276.01	-	-	-	276.01	-	-	276.01
Distribution of Bali	0.29	-	-	0.02	0.31	-	-	0.31
Region of West Nusa Tenggara	1,037.04	-	275.7	0.06	1312.8	195.56	-	1,508.36
Region of East Nusa Tenggara	633.36	-	9.17	9.27	651.8	117.26	-	769.06
PT PLN Batam	1.43	-	7.16	-	8.59	716.52	704.24	1,429.35
PT PLN Tarakan	22.35	-	-	-	22.35	-	188.46	210.81
Generation of Northern Part of Sumatera	2,369.58	-	1,191.44	96.25	3,657.27	2,285.77	5,289.86	11,232.90
Generation of Southern Part of Sumatera	315.86	9.45	1.06	4.23	330.6	4,743.73	3,800.06	8,874.39
Sumatera Trans. and Control Center	-	-	-	-	-	-	-	-
Outside Java	14,283.23	9.45	3,086.50	639.49	18,018.67	10,739.82	11,017.70	39,776.19
Dist. of East Java	32.71	-	-	8.85	41.56	-	-	41.56
Dist. of Central Java & Yogyakarta	-	-	-	-	-	-	-	-
- Central Java	-	-	-	-	-	-	-	-
- D.I. Yogyakarta	-	-	-	-	-	-	-	-
Dist. of West Java & Banten	0.48	-	-	0.04	0.52	-	-	0.52
- West Java	-	-	-	-	-	-	-	-
- Banten	0.48	-	-	0.04	0.52	-	-	0.52
Dist. of Jakarta Raya & Tangerang	-	-	-	-	-	-	-	-
PT Indonesia Power	1,039.31	-	455.47	4.28	1,499.06	23,528.45	8,414.09	33,441.60
PT Java Bali Genco	67.88	-	42.33	-	110.21	5,507.71	18,643.87	24,261.79
Java Bali Trans. and Control Center	-	-	-	-	-	-	-	-
Generation of Tanjung Jati B	-	-	-	-	-	18,674.84	-	18,674.84
Generation Unit of Java Bali	-	-	-	-	-	32,591.05	13,282.99	45,874.04
Java	1,140.38	-	497.8	13.17	1,651.35	80,302.04	40,340.96	122,294.35
Indonesia	15,423.61	9.45	3,584.30	652.66	19,670.02	91,041.86	51,358.66	162,070.54

*) Olein, biodiesel, and etc.

Table 27 : Captive Power**2015**

PLN Operational Unit/Province	Number of Captive Power (CP)			Installed Capacity (kVA)			kVA PLN Connected with Reserve CP
	Pure CP	Reserve CP	Total	Pure CP	Reserve CP	Total	
Region of Aceh	1,071	2,972	4,043	2,669,179	2,014,684	4,683,863	1,661,519
Region of North Sumatera	-	-	-	-	-	-	-
Region of West Sumatera	265	334	599	84,630	193,385	278,015	321,708
Region of Riau	-	-	-	-	-	-	-
- Riau	-	-	-	-	-	-	-
- Riau Archipelago	-	-	-	-	-	-	-
Region of South Sumatera, Jambi & Bengkulu	35	79	114	30,283	19,835	50,118	13,151
- South Sumatera	-	-	-	-	-	-	-
- Jambi	3	-	3	7,353	-	7,353	4,343
- Bengkulu	32	79	111	22,930	19,835	42,765	8,808
Region of Bangka Belitung	-	-	-	50,154	28,094	78,248	12,404
Distribution of Lampung	3	368	371	22,500	362,960	385,460	399,456
Region of West Kalimantan	2	6	8	6,685	21,575	28,260	18,215
Region of S & C Kalimantan	31	125	156	7,981	21,534	29,515	37
- South Kalimantan	-	-	-	-	-	-	-
- Central Kalimantan	-	-	-	-	-	-	-
Region of East Kalimantan & North	30	-	30	-	-	-	-
Region of N, C Sulawesi & Gorontalo	183	-	183	138,754	-	138,754	-
- North Sulawesi	104	-	104	87,338	-	87,338	-
- Gorontalo	23	-	23	40,748	-	40,748	-
- Central Sulawesi	56	-	56	10,668	-	10,668	-
Region of S, SE & W Sulawesi	-	-	-	-	-	-	-
- South Sulawesi	-	-	-	-	-	-	-
- Southeast Sulawesi	-	-	-	-	-	-	-
- West Sulawesi	-	-	-	-	-	-	-
Region of Maluku dan North Maluku	84	118	202	23,140	16,462	39,602	-
- Maluku	12	-	12	10,475	7,166	17,641	-
- North Maluku	72	118	190	12,665	9,296	21,961	-
Region of Papua	3,900	1,600	5,500	1,200	5,400	6,600	2,240
- Papua	600	400	1,000	720	3,960	4,680	560
- West Papua	3,300	1,200	4,500	480	1,440	1,920	1,680
Distribution of Bali	-	-	-	-	-	-	-
Region of West Nusa Tenggara	-	-	-	-	22,607	22,607	-
Region of East Nusa Tenggara	30	96	126	6,418	10,718	17,136	12,743
PT PLN Batam	-	-	-	18,500	51,000	69,500	19,716
PT PLN Tarakan	-	61	61	-	17,733	17,733	-
Outside Java	5,634	5,759	11,393	3,059,424	2,785,987	5,845,411	2,461,189
Dist. of East Java	-	-	-	-	-	-	-
Dist. of Central Java & Yogyakarta	-	-	-	-	-	-	-
- Central Java	-	-	-	-	-	-	-
- D.I. Yogyakarta	-	-	-	-	-	-	-
Dist. West Java & Banten	11	12	23	478	525	1,003	-
- West Java	4	12	16	126	525	651	-
- Banten	7	-	7	352	-	352	-
Dist. of Jakarta Raya dan Tangerang	92	2,388	2,480	58,219	2,078,740	2,136,959	691,904
Java	103	2,400	2,503	58,697	2,079,265	2,137,962	691,904
Indonesia	5,737	8,159	13,896	3,118,121	4,865,252	7,983,373	3,153,093

CP Pure = Business/Government/Private that use own electric power as main resources in the production process
 CP Reserve = Captive Power that become a customer of PLN

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Table 28 : Length of Transmission Lines (kmc)

2015

PLN Operational Unit/Province	Voltage					Total
	25 - 30 kV	70 kV	150 kV	275 kV	500 kV	
Region of Aceh	-	-	-	-	-	-
Region of North Sumatera	-	-	-	-	-	-
Region of West Sumatera	-	-	-	-	-	-
Region of Riau	-	-	53.60	-	-	53.60
- Riau	-	-	-	-	-	-
- Riau Archipelago	-	-	53.60	-	-	53.60
Region of South Sumatera, Jambi & Bengkulu	-	-	-	-	-	-
- South Sumatera	-	-	-	-	-	-
- Jambi	-	-	-	-	-	-
- Bengkulu	-	-	-	-	-	-
Region of Bangka Belitung	-	40.48	65.86	-	-	106.34
Distribution of Lampung	-	-	-	-	-	-
Region of West Kalimantan	-	-	508.50	-	-	508.50
Region of S & C Kalimantan	-	123.10	1,879.55	-	-	2,002.65
- South Kalimantan	-	123.10	1,295.65	-	-	1,418.75
- Central Kalimantan	-	-	583.90	-	-	583.90
Region of East Kalimantan & North	-	-	615.60	-	-	615.60
Region of N, C Sulawesi & Gorontalo	0.76	377.02	1,529.84	-	-	1,907.62
- North Sulawesi	0.76	275.82	676.36	-	-	952.93
- Gorontalo	-	-	471.81	-	-	471.81
- Central Sulawesi	-	101.20	381.68	-	-	482.88
Region of S, SE & W Sulawesi	3.40	157.60	2,481.81	-	-	2,642.81
- South Sulawesi	3.40	132.20	2,152.89	-	-	2,288.49
- Southeast Sulawesi	-	25.40	-	-	-	25.40
- West Sulawesi	-	-	328.92	-	-	328.92
Region of Maluku & North Maluku	-	-	-	-	-	-
- Maluku	-	-	-	-	-	-
- North Maluku	-	-	-	-	-	-
Region of Papua	-	244.00	-	-	-	244.00
- Papua	-	244.00	-	-	-	244.00
- West Papua	-	-	-	-	-	-
Distribution of Bali	-	-	-	-	-	-
Region of West Nusa Tenggara	-	-	256.20	-	-	256.20
Region of East Nusa Tenggara	-	-	-	-	-	-
PT PLN Batam	-	-	158.91	-	-	158.91
PT PLN Tarakan	-	-	-	-	-	-
Generation of Northern Part of Sumatera	-	-	-	-	-	-
Generation of Southern Part of Sumatera	-	-	-	-	-	-
Sumatera Trans. and Control Center	-	329.85	9,233.77	1,512.71	-	11,076.33
Outside Java	4.16	1,272.05	16,783.64	1,512.71	-	19,572.56
Dist. of East Java	-	-	-	-	-	-
Dist. of Central Java & Yogyakarta	-	-	-	-	-	-
- Central Java	-	-	-	-	-	-
- D.I. Yogyakarta	-	-	-	-	-	-
Dist. of West Java & Banten	-	-	-	-	-	-
- West Java	-	-	-	-	-	-
- Banten	-	-	-	-	-	-
Dist. of Jakarta Raya & Tangerang	-	-	-	-	-	-
PT Indonesia Power	-	-	-	-	-	-
PT Java Bali Genco	-	-	-	-	-	-
Java Bali Trans. and Control Center	-	3,007.00	14,050.00	-	5,053.00	22,110.00
Java	-	3,007.00	14,050.00	-	5,053.00	22,110.00
Indonesia	4.16	4,279.05	30,833.64	1,512.71	5,053.00	41,682.56

Table 29 : Length of Medium and Low Voltage Lines (kmc)**2015**

PLN Operational Unit/Province	Medium Voltage			Low Voltage
	6 - 7 kV	10 - 12 kV	15 - 20 kV	
Region of Aceh	-	-	16,483.24	17,354.52
Region of North Sumatera	-	-	28,843.00	26,989.00
Region of West Sumatera	-	-	9,854.00	13,154.00
Region of Riau	-	-	10,394.40	34,822.22
- Riau	-	-	8,677.51	33,336.00
- Riau Archipelago	-	-	1,716.89	1,486.22
Region of South Sumatera, Jambi & Bengkulu	-	3.12	21,956.15	42,939.64
- South Sumatera	-	3.12	11,690.44	-
- Jambi	-	-	6,493.19	-
- Bengkulu	-	-	3,772.52	-
Region of Bangka Belitung	-	-	3,623.00	4,196.00
Distribution of Lampung	3.00	-	10,823.00	31,321.00
Region of West Kalimantan	-	-	10,412.00	12,314.00
Region of S & C Kalimantan	2.36	-	12,722.79	13,185.70
- South Kalimantan	2.36	-	7,642.23	9,262.96
- Central Kalimantan	-	-	5,080.56	3,922.74
Region of East Kalimantan & North	-	-	6,614.90	6,341.27
Region of N, C Sulawesi & Gorontalo	-	-	13,479.00	10,700.00
- North Sulawesi	-	-	5,225.00	4,030.00
- Gorontalo	-	-	2,005.00	1,361.00
- Central Sulawesi	-	-	6,249.00	5,309.00
Region of S, SE & W Sulwesi	-	-	18,717.89	19,139.08
- South Sulawesi	-	-	12,301.68	13,687.66
- Southeast Sulawesi	-	-	4,623.46	4,000.41
- West Sulawesi	-	-	1,792.75	1,451.01
Region of Maluku & North Maluku	-	-	6,240.92	3,272.28
- Maluku	-	-	3,954.33	1,853.50
- North Maluku	-	-	2,286.59	1,418.78
Region of Papua	-	-	4,426.16	4,524.66
- Papua	-	-	2,385.15	2,923.70
- West Papua	-	-	2,041.01	1,600.96
Distribution of Bali	-	-	6,677.00	9,948.00
Region of West Nusa Tenggara	-	-	5,273.00	5,144.00
Region of East Nusa Tenggara	-	-	6,325.00	6,709.49
PT PLN Batam	-	-	1,399.00	2,300.00
PT PLN Tarakan	-	-	174.05	262.80
Generation of Northern Part of Sumatera	-	-	-	-
Generation of Southern Part of Sumatera	-	-	-	-
Sumatera Trans. and Control Center	-	-	-	-
Outside Java	5.36	3.12	194,438.50	264,617.66
Dist. of East Java	-	-	34,584.00	74,147.00
Dist. of Central Java & Yogyakarta	-	-	49,236.00	51,179.00
- Central Java	-	-	43,810.00	45,657.00
- D.I. Yogyakarta	-	-	5,426.00	5,522.00
Dist. of West Java & Banten	-	-	47,246.00	120,388.00
- West Java	-	-	40,693.00	108,372.00
- Banten	-	-	6,553.00	12,016.00
Dist. of Jakarta Raya & Tangerang	-	-	21,466.00	32,789.00
PT Indonesia Power	-	-	-	-
PT Java Bali Genco	-	-	-	-
Java Bali Trans. and Control Center	-	-	-	-
Java	-	-	152,532.00	278,503.00
Indonesia	5.36	3.12	346,970.50	543,120.66

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Table 30 : Number and Total Capacity of Substation Transformers **2015**

PLN Operational Unit/Province	500 kV		275 kV		150 kV		70 kV		<30 kV		Total	
	Unit	MVA	Unit	MVA	Unit	MVA	Unit	MVA	Unit	MVA	Unit	MVA
Region of Aceh	-	-	-	-	-	-	-	-	-	-	-	-
Region of North Sumatera	-	-	-	-	-	-	-	-	-	-	-	-
Region of West Sumatera	-	-	-	-	-	-	-	-	-	-	-	-
Region of Riau	-	-	-	-	-	-	-	-	-	-	-	-
- Riau	-	-	-	-	-	-	-	-	-	-	-	-
- Riau Archipelago	-	-	-	-	-	-	-	-	-	-	-	-
Region of South Sumatera, Jambi & Bengkulu	-	-	-	-	-	-	-	-	-	-	-	-
- South Sumatera	-	-	-	-	-	-	-	-	-	-	-	-
- Jambi	-	-	-	-	-	-	-	-	-	-	-	-
- Bengkulu	-	-	-	-	-	-	-	-	-	-	-	-
Region of Bangka Belitung	-	-	-	4	150	2	60	-	-	6	210	-
Distribution of Lampung	-	-	-	-	-	-	-	-	-	-	-	-
Region of West Kalimantan	-	-	-	14	510	-	-	-	-	14	510	-
Region of S & C Kalimantan	-	-	-	27	812	12	163	-	-	39	975.00	-
- South Kalimantan	-	-	-	20	622	12	163	-	-	32	785.00	-
- Central Kalimantan	-	-	-	7	190	-	-	-	-	7	190.00	-
Region of East Kalimantan & North	-	-	-	23	750	-	-	-	-	23	750	-
Region of N, C Sulawesi & Gorontalo	-	-	-	18	480	26	591	-	-	44	1,071	-
- North Sulawesi	-	-	-	10	270	21	466	-	-	31	736	-
- Gorontalo	-	-	-	3	90	-	-	-	-	3	90	-
- Central Sulawesi	-	-	-	5	120	5	125	-	-	10	245	-
Region of S, SE & W Sulawesi	-	-	-	53	1,558	11	230	1	30	65	1,818	-
- South Sulawesi	-	-	-	49	1,458	8	170	1	30	58	1,658	-
- Southeast Sulawesi	-	-	-	4	100	-	-	-	-	4	100	-
- West Sulawesi	-	-	-	-	-	3	60	-	-	3	60	-
Region of Maluku & North Maluku	-	-	-	-	-	-	-	-	-	-	-	-
- Maluku	-	-	-	-	-	-	-	-	-	-	-	-
- North Maluku	-	-	-	-	-	-	-	-	-	-	-	-
Region of Papua	-	-	-	-	-	8	100	-	-	8	100	-
- Papua	-	-	-	-	-	8	100	-	-	8	100	-
- West Papua	-	-	-	-	-	-	-	-	-	-	-	-
Distribution of Bali	-	-	-	39	1,791	-	-	-	-	39	1,791	-
Region of West Nusa Tenggara	-	-	-	8	240	-	-	-	-	8	240	-
Region of East Nusa Tenggara	-	-	-	-	-	-	-	-	-	-	-	-
PT PLN Batam	-	-	-	16	570	-	-	-	-	16	570	-
PT PLN Tarakan	-	-	-	-	-	-	-	-	-	-	-	-
Generation of Northern Part of Sumatera	-	-	-	-	-	-	-	-	-	-	-	-
Generation of Southern Part of Sumatera	-	-	-	-	-	-	-	-	-	-	-	-
Sumatera Trans. and Control Center	-	-	9	910	227	9,393	22	540	-	258	10,843	-
Outside Java	-	-	9	910	429	16,254	81	1,684	1	30	520	18,878
Dist. of East Java	-	-	-	-	-	-	-	-	-	-	-	-
Dist. of Central Java & Yogyakarta	-	-	-	-	-	-	-	-	-	-	-	-
- Central Java	-	-	-	-	-	-	-	-	-	-	-	-
- D.I. Yogyakarta	-	-	-	-	-	-	-	-	-	-	-	-
Dist. of West Java & Banten	-	-	-	-	-	-	-	-	-	-	-	-
- West Java	-	-	-	-	-	-	-	-	-	-	-	-
- Banten	-	-	-	-	-	-	-	-	-	-	-	-
Dist. of Jakarta Raya & Tangerang	-	-	-	-	-	-	-	-	-	-	-	-
PT Indonesia Power	-	-	-	-	-	-	-	-	-	-	-	-
PT Java Bali Genco	-	-	-	-	-	-	-	-	-	-	-	-
Java Bali Trans. and Control Center	57	28,000	-	-	803	43,192	119	2,581	-	-	979	73,773
Java	57	28,000	-	-	803	43,192	119	2,581	-	-	979	73,773
Indonesia	57	28,000	9	910	1,232	59,446	200	4,265	1	30	1,499	92,651

Table 31 : Number and Total Capacity of Distribution Substation Transformers **2015**

PLN Operational Unit/Province	20 kV		12-15 kV		6-7 kV		Total	
	Unit	MVA	Unit	MVA	Unit	MVA	Unit	MVA
Region of Aceh	10,453	774.10	-	-	-	-	10,453	774.10
Region of North Sumatera	24,001	2,140.87	-	-	-	-	24,001	2,140.87
Region of West Sumatera	8,141	729.44	-	-	-	-	8,141	729.44
Region of Riau	11,040	1,451.02	-	-	-	-	11,040	1,451.02
- Riau	9,294	1,198.37	-	-	-	-	9,294	1,198.37
- Riau Archipelago	1,746	252.66	-	-	-	-	1,746	252.66
Region of South Sumatera, Jambi & Bengkulu	18,334	2,296.47	-	-	-	-	18,334	2,296.47
- South Sumatera	9,346	1,442.46	-	-	-	-	9,346	1,442.46
- Jambi	6,152	583.70	-	-	-	-	6,152	583.70
- Bengkulu	2,836	270.31	-	-	-	-	2,836	270.31
Region of Bangka Belitung	2,843	269.25	-	-	-	-	2,843	269.25
Distribution of Lampung	9,587	1,136.80	-	-	-	-	9,587	1,136.80
Region of West Kalimantan	7,351	670.97	-	-	-	-	7,351	670.97
Region of S & C Kalimantan	12,246	980.66	-	-	-	-	12,246	980.66
- South Kalimantan	7,931	661.52	-	-	-	-	7,931	661.52
- Central Kalimantan	4,315	319.14	-	-	-	-	4,315	319.14
Region of East Kalimantan & North	7,283	961.13	-	-	-	-	7,283	961.13
Region of N, C Sulawesi & Gorontalo	10,167	1,008.82	-	-	-	-	10,167	1,008.82
- North Sulawesi	4,594	514.47	-	-	-	-	4,594	514.47
- Gorontalo	1,875	171.95	-	-	-	-	1,875	171.95
- Central Sulawesi	3,698	322.40	-	-	-	-	3,698	322.40
Region of S, SE & W Sulawesi	18,425	1,431.52	-	-	-	-	18,425	1,431.52
- South Sulawesi	13,102	1,105.78	-	-	-	-	13,102	1,105.78
- Southeast Sulawesi	3,561	227.47	-	-	-	-	3,561	227.47
- West Sulawesi	1,762	98.27	-	-	-	-	1,762	98.27
Region of Maluku & North Maluku	3,268	284.98	-	-	-	-	3,268	284.98
- Maluku	1,954	172.70	-	-	-	-	1,954	172.7
- North Maluku	1,314	112.28	-	-	-	-	1,314	112.28
Region of Papua	3,232	414.81	-	-	-	-	3,232	414.81
- Papua	2,075	274.56	-	-	-	-	2,075	274.56
- West Papua	1,157	140.25	-	-	-	-	1,157	140.25
Distribution of Bali	9,429	1,514.60	-	-	-	-	9,429	1,514.60
Region of West Nusa Tenggara	4,174	490.36	-	-	-	-	4,174	490.36
Region of East Nusa Tenggara	3,876	276.73	-	-	-	-	3,876	279.00
PT PLN Batam	879	407.66	-	-	-	-	879	407.66
PT PLN Tarakan	311	76.27	-	-	-	-	311	76.27
Generation of Northern Part of Sumatera	-	-	-	-	-	-	-	-
Generation of Southern Part of Sumatera	-	-	-	-	-	-	-	-
Sumatera Trans. and Control Center	-	-	-	-	-	-	-	-
Outs ide Java	165,040	17,316.45	-	-	-	-	165,040	17,318.73
Dist. of East Java	55,658	6,660.41	-	-	-	-	55,658	6,660.41
Dist. of Central Java & Yogyakarta	115,113	5,751.09	-	-	-	-	115,113	5,751.09
- Central Java	100,310	4,951.57	-	-	-	-	100,310	4,951.57
- D.I. Yogyakarta	14,803	799.52	-	-	-	-	14,803	799.52
Dist. of West Java & Banten	51,916	11,214.38	-	-	-	-	51,916	11,214.38
- West Java	-	-	-	-	-	-	-	-
- Banten	-	-	-	-	-	-	-	-
Dist. of Jakarta Raya & Tangerang	17,807	9,208.81	-	-	-	-	17,807	9,208.81
PT Indonesia Power	-	-	-	-	-	-	-	-
PT Java Bali Genco	-	-	-	-	-	-	-	-
Java Bali Trans. and Control Center	-	-	-	-	-	-	-	-
Java	240,494	32,834.69	-	-	-	-	240,494	32,834.69
Indonesia	405,534	50,151.14	-	-	-	-	405,534	50,151.14

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Table 32 : Balance Sheet (million Rp)

2015

Description	Description	December 2015
FIXED ASSETS	EQUITY	848,469,071
- Total Fixed Assets	1.029.246.687	
- Accumulation Depreciation	(18.579.384)	DEFERRED REVENUE
Total Fixed Assets (Net)	1.010.667.303	Total Equity & Deferred Revenue
		848,469,071
	LONG TERM LIABILITIES	262,132,010
Work in Progress	104,984,687	- Deferred Tax 5,475
Other Assets	14,614,883	- Long Term Liabilities 29,205,236
Receivables from Related Parties	268,647	- Bond Payable 80,043,338
Long Term Investment	3,174,698	- Other Longterm Liabilities 21,556,619
Deferred Tax Assets	14,300,501	- Electricity Purchase Payable 93,942,870
		- Employee Benefit Obligations 37,378,472
CURRENT ASSETS	CURRENT LIABILITIES	116,754,431
- Cash & Bank	23,596,339	
- Government Subsidy	17,501,009	
- Temporary Investment	120,059	
- Receivable	20,315,908	
- Inventories	11,415,863	
- Other Current Assets	6,395,615	
Total Current Assets	79,344,793	Total Longterm & Current Liabilities
TOTAL ASSETS	TOTAL EQUITY & LIABILITIES	378,886,441
1,227,355,512		1,227,355,512

Table 33 : Profit and Loss (million Rp)**2015**

Description	December 2015
OPERATION REVENUE	
- Electricity Sales	209,844,541
- Connection Fees	6,141,335
- Others	1,361,114
Total Operation Revenue	217,346,990
OPERATION COST	
- Electricity Purchase and Diesel Rented	59,251,861
- Fuel and Lubricant Oil	120,587,310
- Maintenance	17,593,261
- Personnel	20,321,137
- Depreciation	21,418,640
- Others	6,840,077
Total Operation Cost	246,012,286
PROFIT (LOSS) FROM SUBSIDY	
- Government Subsidy	(28,665,296)
PROFIT (LOSS) FROM SUBSIDY	27,887,236

Table 34 : Fixed Asset and Depreciation (million Rp)**2015**

Function	Saldo 2015	Accumulated Depreciation	Book Value 2015
- Hydro	97,056,221.96	189,238.87	96,866,983.09
- Steam	248,417,931.87	11,418,797.02	236,999,134.85
- Diesel	27,070,468.77	473,134.89	26,597,333.88
- Gas Turbine	59,789,765.70	142,426.33	59,647,339.37
- Geothermal	30,359,290.53	136,022.77	30,223,267.76
- Combined Cycle	199,542,860.32	708,822.86	198,834,037.46
- Solar	473,879.31	456.44	473,422.87
- Transmission	144,279,932.70	1,963,664.46	142,316,268.24
- Data Tele Information	4,245,890.09	1,090,791.79	3,155,098.30
- Distribution and UPD	151,285,733.34	85,202.69	151,200,530.65
- T U L	3,341,551.50	433,838.65	2,907,712.85
- T U	62,243,787.01	1,936,987.61	60,306,799.39
TOTAL	1,028,107,313.10	18,579,384.38	1,009,527,928.71

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Table 35 : Accounts Receivable (million Rp)

2015

PLN Operational Unit	Public	Armed Force	Non Armed Force	Local Government	BUMN	Total
Region of Aceh	150,180.68	14,303.69	2,687.53	64,779.46	6,504.37	238,455.74
Region of North Sumatera	777,084.07	22,728.95	13,191.56	68,158.44	20,136.84	901,299.85
Region of West Sumatera	145,612.93	4,280.22	4,490.32	18,551.26	71,018.29	243,953.02
Region of Riau	331,481.94	18,098.85	5,652.40	45,277.57	7,755.50	408,266.26
Region of South Sumatera, Jambi & Bengkulu	635,393.20	16,326.23	8,168.65	40,011.48	29,876.46	729,776.01
Region of Bangka Belitung	44,727.01	1,176.82	858.62	3,756.89	1,552.91	52,072.24
Distribution of Lampung	312,010.95	1,357.68	3,154.71	23,202.87	2,418.11	342,144.32
Region of West Kalimantan	145,730.38	7,089.62	2,781.78	11,739.05	2,729.67	170,070.50
Region of S & C Kalimantan	199,007.11	11,204.22	5,179.69	25,520.07	10,905.53	251,816.62
Region of East Kalimantan & North	199,107.68	19,813.01	3,543.93	27,868.66	12,616.22	262,949.50
Region of N, C Sulawesi & Gorontalo	196,293.14	9,678.90	7,405.70	52,053.60	6,869.53	272,300.87
Region of S, SE & W Sulawesi	424,535.20	26,102.18	9,328.07	32,838.05	26,576.32	519,379.82
Region of Maluku & North Maluku	147,638.20	9,961.90	4,130.17	5,899.32	4,175.70	171,805.28
Region of Papua	111,778.59	8,263.33	4,766.95	10,807.25	5,762.53	141,378.65
Distribution of Bali	380,384.45	9,930.29	5,154.67	16,684.87	5,799.69	417,953.97
Region of West Nusa Tenggara	82,257.29	5,046.33	1,254.34	16,393.30	3,172.13	108,123.39
Region of East Nusa Tenggara	38,074.89	1,665.47	1,817.76	4,052.22	4,678.91	50,289.26
PT PLN Batam	236,056.57	6,938.57	3,618.26	1,973.16	705.01	249,291.57
PT PLN Tarakan	22,691.76	1,931.87	1,019.48	2,663.56	137.30	28,443.98
Outside Java	4,580,046.04	195,898.13	88,204.59	472,231.06	223,391.02	5,559,770.85
Dist. of East Java	2,362,685.70	49,483.42	24,017.46	91,550.63	201,604.71	2,729,341.93
Dist. of Central Java & Yogyakarta	1,692,866.03	27,121.27	27,684.14	77,112.44	20,667.19	1,845,451.08
Dist. of West Java & Banten	4,605,210.79	41,186.11	29,907.53	94,721.44	55,877.83	4,826,903.70
Dist. of Jakarta Raya & Tangerang	4,007,757.06	116,980.97	125,804.86	98,693.09	30,094.85	4,379,330.82
Java	12,668,519.59	234,771.77	207,413.99	362,077.60	308,244.58	13,781,027.52
Indonesia	17,248,565.63	430,669.90	295,618.58	834,308.66	531,635.60	19,340,798.37

Table 36 : Average Collection Rate**2015**

PLN Operational Unit	Sales (million Rp)	Accounts Receivable (million Rp)	Average (day)
Region of Aceh	1,464,065.05	238,455.74	59.45
Region of North Sumatera	7,690,472.12	901,299.85	42.78
Region of West Sumatera	2,474,928.28	243,953.02	35.98
Region of Riau	3,647,236.40	408,266.26	40.86
Region of South Sumatera, Jambi & Bengkulu	5,742,874.53	729,776.01	46.38
Region of Bangka Belitung	542,304.87	52,072.24	35.05
Distribution of Lampung	2,710,349.35	342,144.32	46.08
Region of West Kalimantan	1,419,998.55	170,070.50	43.72
Region of S & C Kalimantan	2,326,135.77	251,816.62	39.51
Region of East Kalimantan & North	2,292,112.41	262,949.50	41.87
Region of N, C Sulawesi & Gorontalo	1,954,246.27	272,300.87	50.86
Region of S, SE & W Sulawesi	4,729,053.88	519,379.82	40.09
Region of Maluku & North Maluku	646,683.32	171,805.28	96.97
Region of Papua	916,937.98	141,378.65	56.28
Distribution of Bali	4,108,408.21	417,953.97	37.13
Region of West Nusa Tenggara	913,871.50	108,123.39	43.18
Region of East Nusa Tenggara	442,867.98	50,289.26	41.45
PT PLN Batam	2,426,354.39	249,291.57	37.50
PT PLN Tarakan	285,355.19	28,443.98	36.38
Outside Java	46,734,256.04	5,559,770.85	43.42
Dist. of East Java	27,849,940.26	2,729,341.93	35.77
Dist. of Central Java & Yogyakarta	19,109,562.39	1,845,451.08	35.25
Dist. of West Java & Banten	46,971,916.47	4,826,903.70	37.51
Dist. of Jakarta Raya & Tangerang	44,544,848.03	4,379,330.82	35.88
Java	138,476,267.14	13,781,027.52	36.32
Prepaid Electricity	25,685,795.19	-	-
Central Unit	(1,051,777.59)	-	-
Indonesia	209,844,540.77	19,340,798.37	33.64

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Table 37 : Generation Cost

2015

Generation Type	Generation Cost (million Rp.)					
	Fuel *)	Maintenance	Depreciation	Other	Personnel	Total
Hydro	245,407.93	534,653.71	900,959.90	66,380.43	365,462.53	2,112,864.50
Steam	38,897,858.63	4,585,360.67	7,542,168.09	212,131.63	672,935.97	51,910,454.98
Diesel **)	30,542,702.43	1,725,665.24	755,642.99	91,185.40	880,701.25	33,995,897.31
Gas Turbine	10,177,278.09	338,186.12	741,519.38	17,921.55	108,189.34	11,383,094.48
Geothermal	3,269,531.20	154,260.77	358,681.95	9,050.79	72,301.14	3,863,825.85
Combined Cycle	37,454,527.47	(57,356.05)	2,928,370.73	180,433.31	327,924.23	40,833,899.69
Solar	4.00	8,612.33	26,349.41	10.90	-	34,976.64
Total	120,587,309.75	7,289,382.79	13,253,692.45	577,114.01	2,427,514.46	144,135,013.45
Rented ***)						7,560,994.07

*) Including Lubricant

**) Including Diesel Gas

***) Rental cost of diesel power plant and gas turbine power plant

Table 38 : Average Generation Cost per kWh

2015

Generation Type	Average Generation Cost per kWh (Rp/kWh)					
	Fuel *)	Maintenance	Depreciation	Other	Personnel	Total
Hydro	24.53	53.44	90.06	6.64	36.53	211.19
Steam	405.97	47.86	78.72	2.21	7.02	541.78
Diesel **)	1,520.19	404.56	177.15	21.38	206.47	2,329.74
Gas Turbine	2,955.99	98.23	215.37	5.21	31.42	3,306.22
Geothermal	744.51	35.13	81.68	2.06	16.46	879.83
Combined Cycle	967.68	(1.48)	75.66	4.66	8.47	1,054.99
Solar	0.76	1,631.12	4,990.42	2.06	-	6,624.36
Average	769.88	46.54	84.62	3.68	15.50	920.22
Rented ***)						381.07

*) Including Lubricant

**) Including Diesel Gas

***) Rental cost of diesel power plant and gas turbine power plant

Table 39 : Financial Ratios**2015**

Indicator	Unit	2015
I. Financial Indicators		
- Cash	%	0.20
- Rentability Ratio	%	1.84
- Solvability Ratio	%	30.89
- Liquidity Ratio	%	67.81
II. Profitability		
- Operating Ratio	%	89.90
- ROR on Net Average Fixed Assets	%	1.98
III. Leverage Financial		
- Debt Equity Ratio	%	29.70
- Self Financing Ratio	%	161.20
- Debt Service Coverage	Times	1.52
IV. Operating Activity (Financial)		
- Fixed Assets Turnover	Times	0.27
- Average Period or Receivable Collection	Day	34.20
- Receivable Turnover	Times	10.67
- Material Turnover	Times	1.44

Annual Data 2015

Table 40 : Number of Employees by Grade

2015

PLN Operational Unit/ Province	Integration (0-3)	Advance (4-6)	Optimazion (7-10)	System (11-14)	Specific (15-18)	Basic (19-26)	Total
Region of Aceh	-	1	38	240	433	376	1,088
Region of North Sumatera	-	3	34	213	595	649	1,494
Region of West Sumatera	-	1	15	101	519	350	986
Region of Riau	-	3	14	85	495	386	983
Region of South Sumatera, Jambi & Bengkulu	-	5	23	116	523	441	1,108
Region of Bangka Belitung	-	1	6	31	170	179	387
Distribution of Lampung	-	-	12	41	272	345	670
Region of West Kalimantan	-	2	20	105	454	494	1,075
Region of S & C Kalimantan	-	-	26	206	620	630	1,482
Region of East Kalimantan & North	-	1	17	144	345	524	1,031
Region of N, C Sulawesi & Gorontolo	-	3	16	191	555	684	1,449
Region of S, SE & W Sulawesi	-	5	56	360	813	734	1,968
Region of Maluku & North Maluku	-	1	10	93	392	359	855
Region of Papua	1	-	11	89	414	496	1,011
Distribution of Bali	-	6	17	171	392	260	846
Region of West Nusa Tenggara	1	2	11	75	421	356	866
Region of East Nusa Tenggara	-	3	8	80	375	328	794
PT PLN Batam	-	-	-	-	-	-	219
PT PLN Tarakan	-	-	-	-	-	-	58
Generating of Northern Part of Sumatera	-	1	14	76	369	626	1,086
Generating of Southern Part of Sumatera	-	1	12	98	632	542	1,285
Sumatera Trans, and Control Center	-	2	16	148	556	645	1,367
Outside Java	2	41	376	2,663	9,345	9,404	22,108
Dist. of East Java	1	12	77	375	1,332	828	2,625
Dist. of Central Java & Yogyakarta	-	7	64	188	969	743	1,971
Dist. of West Java & Banten	-	11	61	490	1,421	947	2,930
Dist. of Jakarta Raya & Tangerang	-	8	47	419	1,126	576	2,176
PT Indonesia Power	-	-	-	-	-	-	3,537
PT Java Bali Genco	-	-	-	-	-	-	2,648
Java Bali Trans, and Control Center	-	8	54	576	1,588	1,316	3,542
Generation of Tanjung Jati B	-	2	9	8	31	22	72
Generation Unit of Java Bali		1	14	24	108	116	263
Java	1	49	326	2,080	6,575	4,548	19,764
PLN Head Office	40	145	248	243	551	138	1,365
PLN Supporting & Services Unit	7	28	116	212	786	498	1,647
PLN Construction Unit	1	19	134	194	936	744	2,028
Other Subsidiaries	-	-	-	-	-	-	682
Indonesia	51	282	1,200	5,392	18,193	15,332	47,594

Table 41 : Number of Employees by Education**2015**

PLN Operational Unit/Province	<= D1-D3	S1	S2	S3	Total
Region of Aceh	880	202	6	-	1,088
Region of North Sumatera	1,160	321	13	-	1,494
Region of West Sumatera	776	200	10	-	986
Region of Riau	824	150	9	-	983
Region of South Sumatera, Jambi & Bengkulu	854	235	19	-	1,108
Region of Bangka Belitung	279	98	10	-	387
Distribution of Lampung	448	210	12	-	670
Region of West Kalimantan	850	210	14	1	1,075
Region of S & C Kalimantan	1,187	278	17	-	1,482
Region of East Kalimantan & North	822	194	15	-	1,031
Region of N, C Sulawesi & Gorontolo	1,144	293	12	-	1,449
Region of S, SE & W Sulawesi	1,413	524	30	1	1,968
Region of Maluku & North Maluku	737	112	6	-	855
Region of Papua	835	170	6	-	1,011
Distribution of Bali	596	232	18	-	846
Region of West Nusa Tenggara	696	161	9	-	866
Region of East Nusa Tenggara	674	110	10	-	794
PT PLN Batam	-	-	-	-	219
PT PLN Tarakan	-	-	-	-	58
Generating of Northern Part of Sumatera	833	244	9	-	1,086
Generating of Southern Part of Sumatera	1,033	243	9	-	1,285
Sumatera Trans, and Control Center	1,071	282	14	-	1,367
Outside Java	17,112	4,469	248	2	22,108
Dist. of East Java	1,814	735	76	-	2,625
Dist. of Central Java & Yogyakarta	1,436	484	51	-	1,971
Dist. of West Java & Banten	2,157	726	47	-	2,930
Dist. of Jakarta Raya & Tangerang	1,673	456	47	-	2,176
PT Indonesia Power	-	-	-	-	3,537
PT PJB	-	-	-	-	2,648
PT Java Bali Genco	2,733	755	53	1	3,542
Generation of Tanjung Jati B	29	36	7	-	72
Generation Unit of Java Bali	135	116	12	-	263
Java	9,977	3,308	293	1	19,764
PLN Head Office	432	658	272	3	1,365
PLN Supporting & Services Unit	767	746	134	0	1,647
PLN Construction Unit	926	1,003	99	0	2,028
Other Subsidiaries	-	-	-	-	682
Indonesia	29,214	10,184	1,046	6	47,594

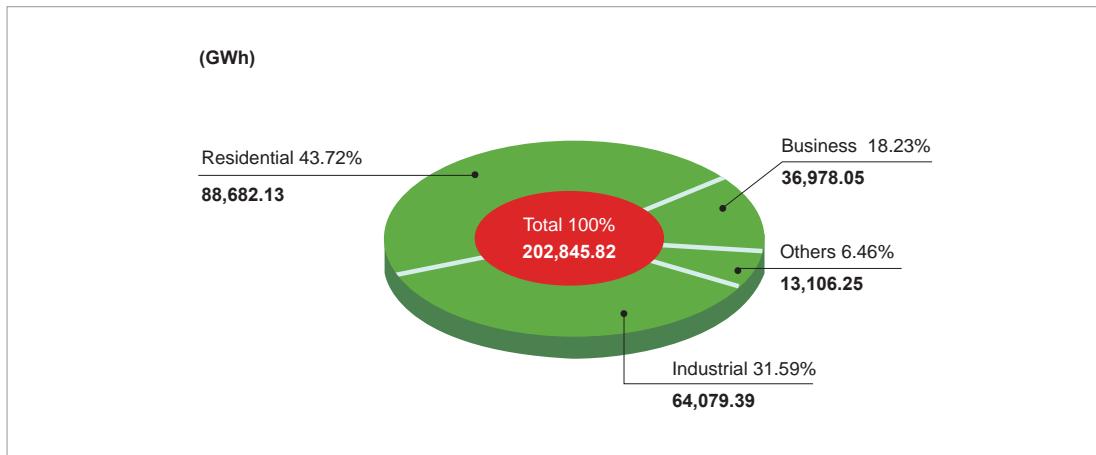
Annual Data 2015

Table 42 : Productivity of Employee

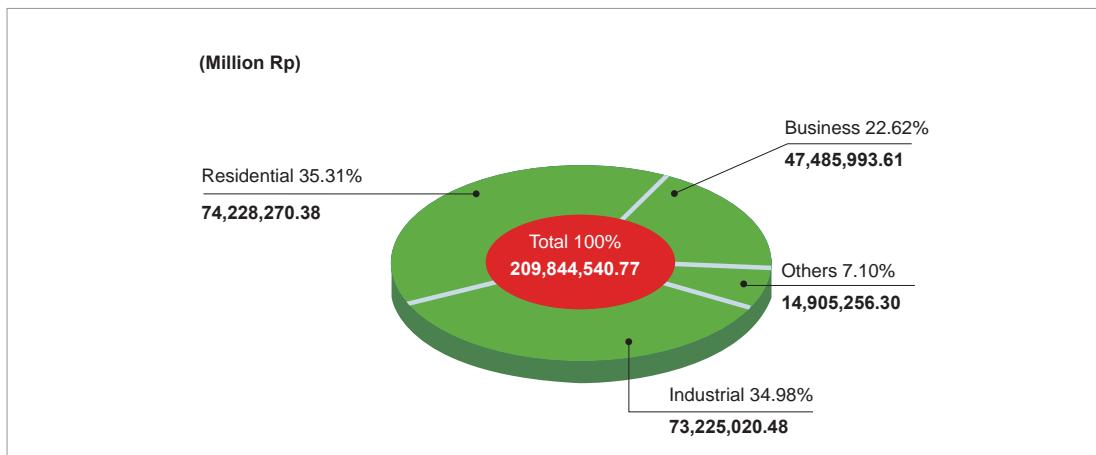
2015

PLN Operational Unit/ Province	Customers per Employee	kWh Sold per Employee
Region of Aceh	1,144.9	1,947,601
Region of North Sumatera	2,122.7	5,825,743
Region of West Sumatera	1,238.3	3,106,785
Region of Riau	1,440.0	4,315,341
Region of South Sumatera, Jambi & Bengkulu	2,427.4	5,962,735
Region of Bangka Belitung	958.3	2,226,150
Distribution of Lampung	2,583.8	5,329,851
Region of West Kalimantan	854.0	1,850,828
Region of S & C Kalimantan	991.8	2,183,725
Region of East Kalimantan & North	831.2	2,916,867
Region of N, C Sulawesi & Gorontalo	907.5	1,828,986
Region of S, SE & W Sulawesi	1,187.3	2,765,117
Region of Maluku & North Maluku	554.8	981,216
Region of Papua	495.5	1,205,638
Distribution of Bali	1,396.8	5,430,449
Region of West Nusa Tenggara	1,181.6	1,619,273
Region of East Nusa Tenggara	791.5	944,270
Generating of Northern Part of Sumatera	-	-
Generating of Southern Part of Sumatera	-	-
Sumatera Trans. and Control Center	-	-
Outside Java	1,032.94	2,455,959
Dist. of East Java	3,852.1	11,742,785
Dist. of Central Java & Yogyakarta	5,023.0	11,614,581
Dist. of West Java & Banten	4,474.0	17,494,184
Dist. of Jakarta Raya & Tangerang	2,374.7	18,992,927
PLN Head Office	-	-
PLN Supporting & Services Unit	-	-
PLN Construction Unit	-	-
Java	2,056.4	7,857,765
Indonesia (without Subsidiaries)	1,504.0	4,959,210.6
PT PLN Batam	1,298.2	9,311,598
PT PLN Tarakan	782.4	3,560,345
PT Indonesia Power	-	-
PT Java Bali Genco	-	-
Other Subsidiaries	-	-
Indonesia	1,285.2	4,262,004

Graph 1. Energy Sold by Type of Customers (2015)

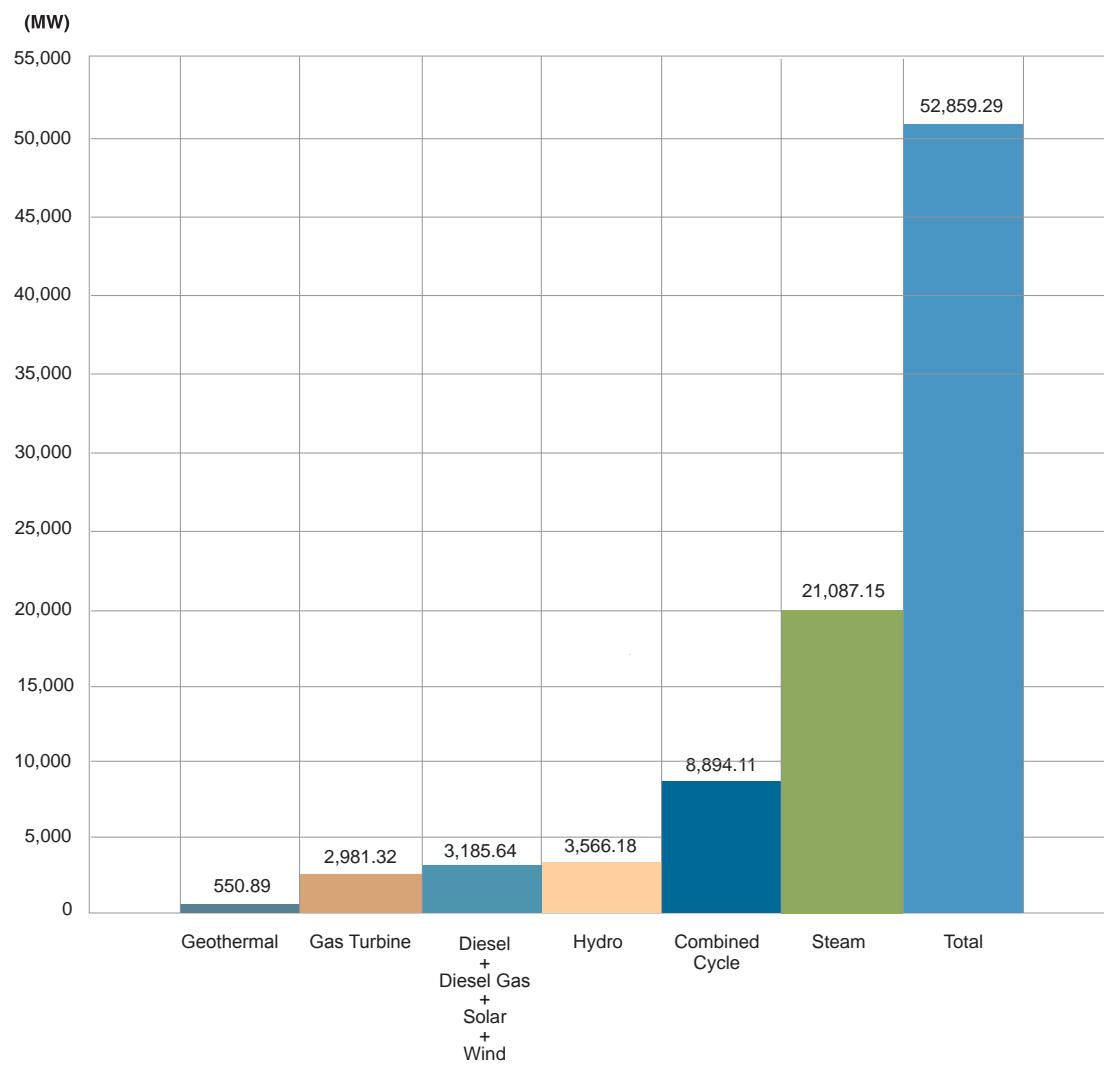


Graph 2. Revenue (2015)

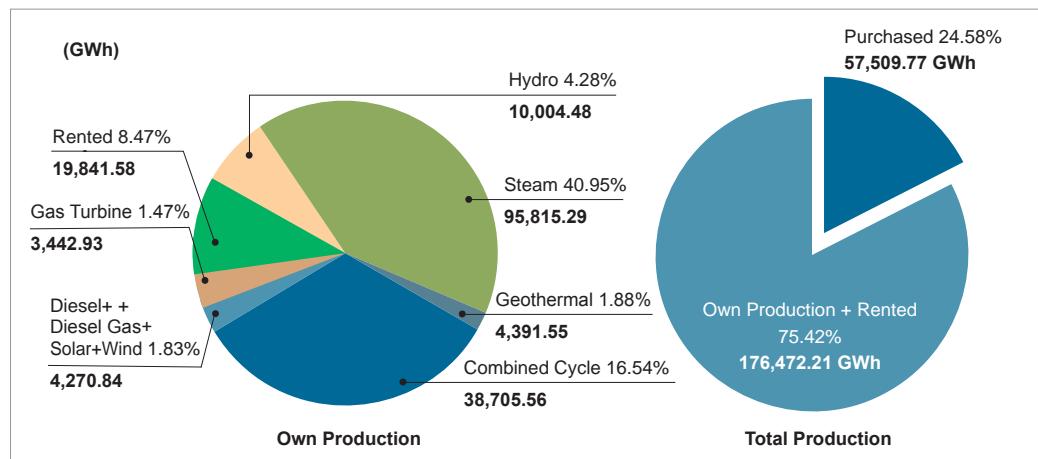


Annual Data 2015

Graph 3. Installed Capacity (2015)



Graph 4. Energy Production (2015)









**Data Over Nine Years
2007 - 2015**

Data Over Nine Years 2007 - 2015

Table 43 : Load Factor, Capacity Factor and Demand Factor (%) **2007 - 2015**

Year	Load Factor	Capacity Factor	Demand Factor
2007	59.60	64.47	47.10
2008	80.77	52.62	28.12
2009	76.37	53.71	29.81
2010	77.78	55.90	29.56
2011	78.53	55.67	28.37
2012	79.18	51.96	27.54
2013	80.04	54.72	26.50
2014	78.26	50.94	26.65
2015	80.02	50.53	25.06

Table 44 : Number of Customer by Type of Customers **2007 - 2015**

Year	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	Δ%
2007	34,684,540	46,818	1,610,574	790,781	97,886	103,130	37,333,729	4.43
2008	36,025,071	47,536	1,716,046	838,129	103,821	113,483	38,844,086	4.05
2009	37,099,830	47,900	1,879,429	861,067	114,971	114,488	40,117,685	3.28
2010	39,324,520	48,675	1,912,150	909,312	113,676	127,054	42,435,387	5.78
2011	42,577,542	50,365	2,049,361	963,766	120,246	133,865	45,895,145	8.15
2012	46,219,780	52,661	2,218,342	1,032,830	128,252	143,384	49,795,249	8.50
2013	50,116,127	55,546	2,418,431	1,110,450	137,762	157,892	53,996,208	8.44
2014	53,309,325	58,350	2,626,160	1,181,779	146,321	171,299	57,493,234	6.48
2015	56,605,260	63,314	2,894,990	1,261,516	156,782	186,118	61,167,980	6.39

Data Over Nine Years 2007 - 2015

Table 45 : Connected Capacity by Type of Customers (MVA)

2007 - 2015

Year	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	Δ%
2007	27,777.44	13,881.08	10,939.45	1,875.57	1,403.60	672.64	56,549.78	6.06
2008	29,334.55	14,531.35	11,941.56	2,008.57	1,532.43	737.07	60,085.53	6.25
2009	30,699.90	14,790.21	12,710.06	2,252.72	1,672.67	768.23	62,893.78	4.67
2010	33,202.76	15,565.91	13,772.27	2,318.65	1,766.97	812.74	67,439.30	7.23
2011	37,182.63	17,477.84	15,236.22	2,558.54	1,894.82	838.80	75,188.86	11.49
2012	40,869.15	19,980.94	17,228.93	2,892.66	2,060.70	865.37	83,897.75	11.58
2013	45,214.25	21,544.30	19,931.50	3,247.82	2,247.51	909.47	93,094.85	10.96
2014	48,374.47	23,541.96	21,223.71	3,537.17	2,390.43	962.79	100,030.53	7.45
2015	51,654.89	25,024.02	22,477.28	3,861.60	2,560.54	1,003.91	106,582.24	6.55

Table 46 : Energy Sold by Type of Customers (GWh)

2007 - 2015

Year	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	Δ%
2007	47,324.91	45,802.51	20,608.47	2,908.70	2,016.36	2,585.86	121,246.81	7.67
2008	50,184.17	47,968.85	22,926.29	3,082.42	2,095.80	2,761.28	129,018.81	6.41
2009	54,945.41	46,204.21	24,825.24	3,384.36	2,334.66	2,888.11	134,581.98	4.31
2010	59,824.94	50,985.20	27,157.22	3,700.09	2,629.93	3,000.09	147,297.47	9.45
2011	65,111.57	54,725.82	28,307.21	3,993.82	2,786.72	3,067.52	157,992.66	7.26
2012	72,132.54	60,175.96	30,988.64	4,495.57	3,057.21	3,140.82	173,990.74	10.13
2013	77,210.71	64,381.40	34,498.38	4,939.04	3,260.71	3,250.78	187,541.02	7.79
2014	84,086.46	65,908.68	36,282.42	5,446.46	3,483.99	3,393.76	198,601.78	5.90
2015	88,682.13	64,079.39	36,978.05	5,940.98	3,717.16	3,448.11	202,845.82	2.14

Table 47 : Average Energy Sold by Type of Customers (kWh) 2007 - 2015

Year	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total
2007	1,364	978,310	12,796	3,678	20,599	25,074	3,248
2008	1,393	1,009,106	13,360	3,678	20,187	24,332	3,321
2009	1,481	964,597	13,209	3,930	21,088	24,321	3,355
2010	1,521	1,047,462	14,202	4,069	23,135	23,613	3,471
2011	1,529	1,086,584	13,813	4,144	23,175	22,915	3,442
2012	1,561	1,142,704	13,969	4,353	23,838	21,905	3,494
2013	1,541	1,159,064	14,265	4,448	23,669	20,589	3,473
2014	1,577	1,129,540	13,816	4,609	23,811	19,812	3,454
2015	1,567	1,012,089	12,773	4,709	23,709	18,526	3,316

Table 48 : Revenue by Type of Customers (Million Rp) 2007 - 2015

Year	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	Δ%
2007	27,058,422	28,457,915	15,920,333	1,669,817	1,498,959	1,674,945	76,286,195	7.85
2008	29,508,717	29,838,362	19,500,103	1,790,547	1,775,455	1,836,542	84,249,726	10.44
2009	32,380,858	29,771,205	22,116,854	1,955,366	2,032,044	1,915,773	90,172,100	7.03
2010	36,847,221	33,700,937	25,373,604	2,307,981	2,506,399	2,237,390	102,973,531	14.20
2011	40,235,456	38,059,555	26,921,435	2,581,448	2,618,957	2,428,002	112,844,853	9.59
2012	45,563,161	42,719,802	29,910,220	3,045,953	2,961,191	2,521,320	126,721,647	12.30
2013	53,434,178	51,270,326	38,520,052	3,738,259	3,561,415	2,961,376	153,485,606	21.12
2014	63,750,951	64,443,791	45,928,833	4,411,530	4,376,594	3,722,786	186,634,484	21.60
2015	74,228,270	73,225,020	47,485,994	4,826,417	4,923,417	5,155,124	209,544,541	12.44

Data Over Nine Years 2007 - 2015

Table 49 : Average Selling Price of Electricity by Type of Customers (Rp/kWh) 2007 - 2015

Year	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total
2007	571.76	621.32	772.51	574.08	743.40	647.73	629.18
2008	588.01	622.04	850.56	580.89	847.15	665.11	653.00
2009	589.33	644.34	890.90	577.77	870.38	663.33	670.02
2010	615.92	660.99	934.32	623.76	953.03	745.77	699.09
2011	617.95	695.46	951.05	646.36	939.80	791.52	714.24
2012	631.66	709.91	965.20	677.54	968.59	802.76	728.32
2013	692.06	796.35	1,116.58	756.88	1,092.22	910.97	818.41
2014	758.16	977.77	1,265.87	809.98	1,256.20	1,096.95	939.74
2015	837.01	1,142.72	1,284.17	812.44	1,324.51	1,459.06	1,034.50

Table 50 : Number of Customers by Type of Voltage 2007 - 2015

Year	Voltage				Total	Δ %
	Low	Medium	High	Multipurpose/ Special Services		
2007	37,308,239	13,953	56	11,481	37,333,729	4.43
2008	38,796,351	23,901	61	23,773	38,844,086	4.05
2009	39,988,090	92,324	62	37,209	40,117,685	3.28
2010	42,395,817	30,763	60	8,747	42,435,387	5.78
2011	45,829,980	65,041	62	62	45,895,145	8.15
2012	49,683,110	112,008	63	68	49,795,249	8.50
2013	53,853,968	142,111	58	71	53,996,208	8.44
2014	57,409,558	83,531	72	73	57,493,234	6.48
2015	61,052,745	115,077	80	78	61,167,980	6.39

**) Including Traction and Bulk*

Table 51 : Energy Sold by Type of Voltage (GWh)**2007 - 2015**

Year	Voltage				Total	Δ %
	Low	Medium	High	Multipurpose/ Special Services		
2007	66,494.69	42,237.86	11,536.77	977.51	121,246.83	7.67
2008	71,250.49	44,875.36	11,627.80	1,265.16	129,018.81	6.41
2009	77,899.57	44,459.34	10,898.28	1,324.79	134,581.98	4.31
2010	85,038.07	49,533.09	11,803.55	922.76	147,297.47	9.45
2011	91,159.20	53,535.71	12,802.62	495.15	157,992.68	7.26
2012	99,673.70	60,279.38	13,872.45	165.29	173,990.82	10.13
2013	106,119.04	67,287.71	13,945.16	189.15	187,541.06	7.79
2014	116,304.24	68,563.26	13,520.18	214.15	198,601.83	5.90
2015	123,076.75	66,825.79	12,654.35	288.94	202,845.83	2.14

*) Including Traction and Bulk

Table 52 : Revenue by Type of Voltage (million Rp)**2007 - 2015**

Year	Voltage				Total	Δ %
	Low	Medium	High	Multipurpose/ Special Services		
2007	41,087,409	27,977,001	6,219,483	996,498	76,286,193	7.85
2008	46,932,139	29,988,613	6,103,487	1,225,488	84,249,727	10.44
2009	51,987,115	30,623,517	6,156,149	1,405,319	90,172,100	7.03
2010	59,782,422	35,168,268	6,816,951	1,205,890	102,973,531	14.20
2011	64,294,933	40,848,085	7,701,835	-	112,844,853	9.59
2012	71,438,336	44,156,705	8,372,715	2,753,891	126,721,647	12.30
2013	84,313,921	55,756,540	9,345,648	4,069,498	153,485,607	21.12
2014	102,520,584	69,033,065	12,353,013	2,727,823	186,634,484	21.60
2015	117,631,504	77,659,563	13,254,127	1,299,347	209,844,541	12.44

Data Over Nine Years 2007 - 2015

Table 53 : Own Use and Energy Losses

2007 - 2015

Year	Own Use *)		Energy Losses & Own Use				Total	
	(GWh)	(%)	Transmission		Distribution			
			(GWh)	(%)	(GWh)	(%)	(GWh)	(%)
2007	5,229.70	4.65	3,080.94	2.24	12,158.26	8.84	15,239.20	11.08
2008	5,380.35	4.51	3,126.83	2.17	11,966.70	8.29	15,093.53	10.67
2009	5,536.04	4.54	3,303.27	2.18	11,744.32	7.93	15,358.63	10.13
2010	5,641.05	4.24	3,700.11	2.25	12,253.71	7.64	16,260.19	9.89
2011	6,164.52	4.32	3,996.39	2.25	12,675.31	7.34	16,918.14	9.54
2012	6,563.37	4.38	4,732.21	2.44	13,115.05	6.95	18,221.77	9.40
2013	7,222.58	4.40	4,859.53	2.33	15,841.77	7.77	21,248.73	10.17
2014	7,842.25	4.47	5,224.63	2.37	16,198.66	7.52	22,005.98	9.97
2015	8,258.61	4.68	5,248.08	2.33	16,808.81	7.63	22,588.97	10.01

*) Own use for power station, substation and distribution transformer

Table 54 : Number of Generating Units

2007- 2015

Year	Hydro	Steam	Gas Turbine	Combined Cycle	Geothermal	Diesel	Diesel Gas	Solar	Wind	Total	Δ %
2007	196	45	54	60	9	4,705	2	-	1	5,072	0.65
2008	189	48	58	61	11	4,635	2	-	4	5,008	(1.26)
2009	201	49	63	59	9	4,626	4	-	3	5,014	0.16
2010	199	55	73	50	11	4,619	8	4	4	5,023	0.18
2011	213	59	71	61	10	4,842	4	8	1	5,269	4.90
2012	216	66	76	66	14	4,576	-	30	4	5,048	(4.19)
2013	220	71	77	66	14	4,422	-	50	4	4,925	(2.44)
2014	224	86	81	68	15	4,472	-	56	5	5,007	1.66
2015	232	114	72	65	15	4,655	-	58	7	5,218	4.21

Table 55 : Installed Capacity (MW)**2007 - 2015**

Year	Hydro	Steam	Gas Turbine	Combined Cycle	Geo-thermal	Diesel	Diesel Gas	Solar	Wind	Total	Δ %
2007	3,501.54	8,534.00	2,783.62	7,020.97	415.00	2,956.25	12.00	-	0.10	25,223.48	1.57
2008	3,504.28	8,764.00	2,496.69	7,370.97	415.00	3,020.88	21.84	-	0.26	25,593.92	1.47
2009	3,508.45	8,764.00	2,570.59	7,370.97	415.00	2,980.63	26.00	-	1.06	25,636.70	0.17
2010	3,522.57	9,451.50	3,223.68	6,951.32	438.75	3,267.79	38.84	0.19	0.34	26,894.98	4.91
2011	3,511.20	12,052.50	2,839.44	7,833.97	435.00	2,568.54	25.94	1.23	0.34	29,268.16	8.82
2012	3,515.51	14,445.50	2,973.18	8,814.11	548.00	2,598.64	-	6.20	0.34	32,901.48	12.41
2013	3,519.49	15,554.00	2,893.88	8,814.11	568.00	2,847.78	-	7.94	0.43	34,205.63	3.96
2014	3,526.89	20,451.67	3,012.10	8,886.11	573.00	2,798.55	-	8.73	0.47	39,257.52	14.77
2015	3,566.18	21,087.15	2,981.32	8,894.11	550.89	3,175.79	-	8.88	0.99	40,265.31	2.57

Table 56 : Rated Capacity (MW)**2007 - 2015**

Year	Hydro	Steam	Gas Turbine	Combined Cycle	Geo-thermal	Diesel	Diesel Gas	Solar	Wind	Total	Δ %
2007	3,409.12	7,748.73	2,455.87	6,165.33	388.00	1,873.66	11.90	-	-	22,052.61	0.20
2008	3,397.87	7,406.12	2,173.79	6,399.79	394.00	1,796.63	11.90	-	0.26	21,580.36	(2.14)
2009	3,419.05	7,976.65	2,236.66	6,340.60	394.00	1,669.11	10.50	-	1.06	22,047.63	2.17
2010	3,433.78	8,652.01	2,792.87	6,139.72	415.80	2,071.90	34.60	0.17	-	23,540.85	6.77
2011	3,430.11	10,844.21	2,357.43	6,817.82	434.00	1,555.20	10.00	1.15	-	25,449.92	8.11
2012	3,435.98	12,910.75	2,342.40	7,288.33	506.50	1,597.24	-	4.66	-	28,085.86	10.36
2013	3,220.90	13,563.65	2,543.84	7,300.91	546.50	1,827.73	-	7.24	-	29,010.77	3.29
2014	3,444.19	15,608.57	2,533.72	7,722.33	549.00	1,685.64	-	7.50	-	31,550.95	8.76
2015	3,474.79	17,774.74	2,486.42	7,631.23	516.44	1,902.76	-	6.55	0.99	33,793.90	7.11

Data Over Nine Years 2007 - 2015

Table 57 : Energy Production (GWh)

2007 - 2015

Year	Own Generated									Rented	Sub Total	Purchased	Total	Δ %
	Hydro	Steam	Gas Turbin	Combined Cycle	Geo-thermal	Diesel	Diesel Gas	Wind	Solar					
2007	10,627.46	52,208.81	4,730.40	31,374.39	3,188.49	5,733.28	121.27	0.02	-	3,257.27	111,241.39	31,199.40	142,440.79	7.01
2008	10,739.97	52,352.96	5,310.75	35,730.72	3,390.66	5,704.52	110.24	-	-	4,706.94	118,046.84	31,389.66	149,436.51	4.91
2009	10,306.91	52,963.84	7,818.01	34,746.69	3,504.47	6,093.74	-	0.05	0.10	5,194.53	120,628.34	36,168.92	156,797.26	4.93
2010	15,827.35	54,407.02	7,861.70	36,811.70	3,398.02	5,096.98	73.56	0.02	0.50	8,233.21	131,710.07	38,076.16	169,786.23	8.28
2011	10,315.55	62,335.23	8,246.22	40,409.68	3,487.39	4,010.94	47.67	0.72	-	13,885.67	142,739.07	40,681.87	183,420.94	8.03
2012	10,524.61	73,823.06	5,668.01	34,568.51	3,557.54	3,484.45	55.12	2.85	-	18,070.82	149,754.97	50,562.62	200,317.59	9.21
2013	13,009.55	80,926.10	5,916.51	36,423.42	4,345.09	3,212.13	381.75	5.48	-	19,745.72	163,965.75	52,222.79	216,188.54	7.92
2014	11,163.62	89,249.38	5,445.68	38,068.45	4,285.37	3,546.86	1,087.26	-	6.81	22,443.56	175,296.98	53,257.93	228,554.91	5.72
2015	10,004.48	95,815.29	3,442.93	38,705.56	4,391.55	3,032.75	1,232.81	-	5.28	19,841.58	176,472.21	57,509.77	233,981.99	2.37

Table 58 : Consumption of Fuel

2007 - 2015

Year	Oil (kilo liter)					Coal	Natural Gas
	HSD	IDO	MFO	Other Fuel Mix*)	Total	(ton)	(MMSCF)
2007	7,874,290	13,557	2,801,128	-	10,688,975	21,466,348	171,209
2008	8,127,546	28,989	3,163,954	-	11,320,489	20,999,521	181,661
2009	6,365,116	11,132	3,032,657	-	9,408,905	21,604,464	266,539
2010	6,887,455	6,895	2,430,584	-	9,324,934	23,958,699	283,274
2011	8,943,880	13,923	2,509,047	-	11,466,850	27,434,163	285,722
2012	6,625,335	4,065	1,585,395	-	8,214,795	35,514,791	365,927
2013	6,291,667	3,221	1,179,604	-	7,474,492	39,601,034	409,890
2014	6,330,517	3,849	1,096,638	-	7,431,005	44,604,981	450,190
2015	4,377,056	2,244	904,266	195,297	5,478,863	48,995,169	456,494

*) Including Biodiesel, Olein, and etc.

Table 59 : Unit Price of Fuel**2007 - 2015**

Year	Oil (Rp/liter) *)				Coal (Rp/kg)	Natural Gas (Rp/MSCF)	Geothermal (Rp/kWh)
	HSD	IDO	MFO	Average			
2007	5,349.61	5,275.42	3,563.41	4,881.43	338.76	23,480.99	538.31
2008	8,738.25	8,650.23	5,762.10	7,906.23	489.23	29,128.16	658.73
2009	5,601.07	5,552.33	4,315.86	5,186.76	732.32	37,998.48	559.63
2010	6,050.35	5,870.37	5,150.42	5,815.65	656.71	42,287.16	653.52
2011	8,513.27	8,229.36	7,027.21	8,188.09	698.62	39,867.31	737.04
2012	8,949.35	8,954.18	7,319.67	8,629.80	746.22	63,757.56	693.05
2013	9,446.64	9,149.48	7,604.40	9,127.05	938.56	92,185.45	858.48
2014	10,320.86	10,823.96	7,108.43	9,847.04	1,004.50	105,876.17	1,012.00
2015	6,951.23	6,400.37	5,086.56	6,395.47	662.46	105,917.94	748.71

*) Unit Price of Oil (HSD, IDO and MFO) including the transportation cost and biodiesel cost.

Table 60 : Length of Transmission Lines (kmc)**2007 - 2015**

Year	Voltage					Total	% Growth
	25 - 30 kV	70 kV	150 kV	275 kV	500 kV		
2007	11.97	4,619.03	22,702.70	781.38	5,047.78	33,162.87	0.75
2008	11.97	4,619.03	23,678.60	782.25	5,092.00	34,183.85	3.08
2009	11.97	4,642.18	24,191.60	1,011.39	5,092.00	34,949.14	2.24
2010*)	11.20	4,724.28	24,379.76	1,011.39	4,923.00	35,049.63	0.29
2011	11.96	4,456.69	26,170.79	1,028.30	5,052.00	36,719.74	4.76
2012	7.56	4,228.39	27,780.04	1,028.30	5,052.00	38,096.29	3.75
2013	4.16	4,112.36	28,851.27	1,374.30	5,053.00	39,395.09	3.41
2014	4.16	4,125.49	29,352.85	1,374.30	5,053.00	39,909.80	1.31
2015	4.16	4,279.05	30,833.64	1,512.71	5,053.00	41,682.56	4.44

*) Revised data of 2010

Data Over Nine Years 2007 - 2015

Table 61 : Length of Medium and Low Voltage Lines (kmc)

2007 - 2015

Year	Medium Voltage			Total	Low Voltage
	6 - 7 kV	10-12 kV	15-20 kV		
2007	278.32	2,968.84	250,660.86	253,908.02	344,589.67
2008	278.32	2,968.84	257,916.04	261,163.20	353,762.00
2009	278.32	2,968.84	265,364.71	268,611.87	370,905.36
2010	72.73	-	275,540.58	275,613.31	406,149.04
2011	57.74	242.26	288,419.36	288,719.36	390,704.94
2012	55.38	242.86	312,751.82	313,050.06	428,906.52
2013	54.17	1.75	329,409.29	329,465.21	469,478.92
2014*)	10.52	44.00	331,184.58	331,239.10	509,984.84
2015	5.36	3.12	346,970.50	346,978.98	543,120.66

*) Revised data for 2014

Data Over Nine Years 2010 - 2015

Table 62 : Balance Sheet (million Rp)

2010 - 2015

Description	2015**)	2014*)	2013*)	2012	2011	2010
FIXED ASSET						
- Total Fixed Asset	1,029,246,687	515,208,872	475,832,252	514,852,695	440,599,813	365,206,962
- Accumulated Despreciation	(18,579,384)	(169,708,586)	(145,165,591)	(155,345,122)	(136,396,197)	(117,645,247)
Total Fixed Asset (Net)	1,010,667,303	345,500,286	330,666,661	359,507,573	304,203,616	247,561,715
Work in Progres	104,984,687	94,901,088	95,738,735	102,810,172	98,057,296	106,839,853
Other Assets	14,614,883	10,957,907	10,169,045	7,899,582	5,895,772	5,799,035
Long Term Investment	-	-	-	-	-	-
Inclusion	3,174,698	2,572,593	2,029,066	1,625,439	1,142,850	883,012
Daterred Tax Assets	14,300,501	66,748	35,773	28,759	18,018	11,278
Receivables from Related Parties	268,647	98,829	176,032	22,329	212,709	232,250
CURRENT ASSETS						
- Cash & Bank	23,596,339	27,111,528	25,529,969	22,639,853	22,088,093	19,716,798
- Government Subsidy	17,501,009	19,280,861	21,793,929	20,565,784	12,101,668	9,358,747
- Temporary Investment	120,059	100,696	97,667	378,208	636,264	828,739
- Receivable	20,315,908	20,361,815	20,322,052	13,371,240	12,773,773	2,875,168
- Inventories	11,415,863	11,607,860	11,343,464	16,738,446	15,654,105	9,927,314
- Other Current Assets	6,395,615	6,960,978	5,750,099	3,616,625	3,668,639	2,066,520
Total Current Assets	79,344,793	85,423,738	84,837,180	77,310,156	66,922,542	44,773,286
TOTAL ASSETS	1,227,355,512	539,521,190	523,652,492	549,204,010	476,452,803	406,100,429
EQUITY	848,219,071	187,173,537	174,225,129	159,269,870	154,683,036	142,113,775
DEFERRED REVENUE	-	-	-	19,228,694	14,587,906	10,126,136
LONG TERM LIABILITIES						
- Deferred Tax	5,475	8,632,990	6,152,674	3,132,717	6,384,701	7,284,638
- Long Term Liabilities	29,205,236	26,453,073	29,498,060	36,001,958	33,053,508	24,820,265
- Bond Payable	80,043,338	81,672,556	81,017,989	67,250,977	55,908,388	46,656,045
- Customer Deposit	-	-	-	-	-	-
- Other Long Term Liabilities	21,556,619	22,758,961	111,400,755	107,609,232	77,690,486	61,406,202
- Taxes Payable on Revaluation	-	-	-	-	-	-
- Electricity Purchase Payable	93,942,870	86,221,710	28,373,775	60,017,027	51,627,001	41,937,932
- Employee Benefit Obligation	37,378,472	41,078,935	33,783,615	22,090,632	18,967,344	16,358,885
Total Long Term Liabilities	262,132,010	266,818,225	290,226,868	315,331,237	258,219,334	198,463,967
SHORT TERM LIABILITIES	117,004,431	85,529,427	59,200,495	74,602,903	63,550,433	55,396,551
TOTAL EQUITY & LIABILITIES	1,227,355,512	539,521,189	523,652,492	549,204,010	476,452,803	406,100,429

*) 2013 and 2014 audit restatement of financial statement

**) Data non ISAK 8

Data Over Nine Years 2010 - 2015

Table 63 : Profit and Loss (million Rp)

2010 - 2015

Description	2015*)	2014	2013	2012	2011	2010
OPERATION REVENUE						
- Electricity Sales	209,844,541	186,634,484	153,485,606	126,721,647	112,844,853	102,973,531
- Connection Fees	6,141,335	5,623,913	6,027,799	5,755,017	1,008,730	760,837
- Government Subsidiary	56,552,532	99,303,250	101,207,859	103,331,285	93,177,740	58,108,418
- Others	1,361,114	1,159,544	1,125,778	1,297,061	986,500	532,508
Total Operation Revenue	273,899,522	292,721,191	261,847,042	237,105,010	208,017,823	162,375,294
OPERATION COST						
- Electricity Purchase	59,251,861	53,517,212	10,507,935	9,903,607	7,032,572	4,120,795
- Fuel & Lubricant Oil	120,587,310	153,136,934	147,633,751	136,535,495	131,157,604	93,898,743
- Maintenance	17,593,261	16,611,461	19,839,465	17,567,375	13,592,563	11,740,829
- Personnel	20,321,137	16,645,797	15,555,063	14,400,976	13,197,075	12,954,418
- Depreciation	21,418,640	19,911,211	21,893,665	19,499,221	16,254,552	14,691,919
- Others	7,090,077	5,488,617	5,481,268	5,208,776	4,405,234	4,286,003
Total Operation Cost	246,262,286	265,311,232	220,911,147	203,115,450	185,639,600	141,692,707
PROFIT (LOSS) FROM OPERATION	27,637,236	27,409,959	40,935,895	33,989,560	22,378,223	20,682,588

*) Data non ISAK 8

Table 64 : Fixed Asset & Depreciation (million Rp)

2010 - 2015

Year	Saldo	Accumulated Depreciation	Book Value
2010	311,221,269.86	100,569,402.13	210,651,867.73
2011	374,790,709.35	113,564,502.36	261,226,206.99
2012	507,560,495.64	149,536,012.04	358,024,483.60
2013	561,985,697.48	170,649,244.61	391,336,452.87
2014	598,974,636.42	193,064,264.04	405,910,372.38
2015	1,028,107,313.10	18,579,384.38	1,009,527,928.71

Table 65 : Accounts Receivable (million Rp)**2010 - 2015**

Year	Public	Armed	Non Armed	Local	BUMN	Total
		Forced	Forced	Government		
2010	1,073,672.66	507,262.62	49,892.98	73,086.07	8,825.99	1,712,740.32
2011	1,926,977.52	842,147.12	79,163.71	158,296.76	7,739.59	3,014,324.70
2012	2,399,432.04	362,994.37	54,274.06	114,025.32	36,639.52	2,967,365.31
2013	13,842,868.33	339,872.34	218,005.85	554,161.61	409,167.09	15,364,075.22
2014	17,031,942.69	455,731.61	276,433.49	798,016.32	584,801.85	19,146,925.96
2015	17,248,565.63	430,669.90	295,618.58	834,308.66	531,635.60	19,340,798.37

Table 66 : Sales, Accounts Receivable and Average Collection Rate**2010 - 2015**

Year	Sales (Million Rp)	Account Receivable *) (Million Rp)	Average (day)
2010	102,973,531.45	1,712,740.32	6.07
2011	112,844,853.12	3,014,324.70	9.75
2012	126,721,646.51	2,967,365.31	8.55
2013	153,485,606.31	15,364,075.22	36.54
2014	186,634,484.31	19,146,925.96	37.45
2015	209,844,540,77	19,340,798,37	33.64

*) Excluding PLN Head Office

Data Over Nine Years 2010 - 2015

Table 67 : Generation Cost (million Rp)

2010 - 2015

Year	Hydro	Steam	Diesel	Gas	Geothermal	Combined Cycle	Solar	Total
2010	1,551,389.51	30,425,376.50	22,313,115.91	12,538,837.31	2,383,344.64	29,024,677.58	-	98,236,741.46
2011	1,607,087.88	36,682,295.71	36,928,630.82	18,644,398.55	2,764,130.18	38,816,866.09	-	135,443,409.23
2012	1,640,491.16	59,807,140.65	46,834,465.69	13,393,423.26	3,989,768.54	34,630,859.12	-	160,296,148.42
2013	2,168,221.59	58,227,841.65	49,114,692.52	17,479,043.27	4,794,821.53	42,222,186.70	-	174,006,807.26
2014	2,112,022.86	64,828,004.01	59,041,171.65	15,753,283.85	5,600,458.56	50,849,452.45	-	198,184,393.39
2015	2,112,864.50	51,910,454.98	33,995,897.31	11,383,094.48	3,863,825.85	40,833,899.69	34,976.64	144,135,013.45

Table 68 : Average Generation Cost (Rp/kWh)

2010 - 2015

Year	Hydro	Steam	Diesel	Gas	Geothermal	Combined Cycle	Solar	Average
2010	98.02	559.22	4,315.43	1,594.93	701.39	788.46	-	795.59
2011 *)	155.79	588.47	2,536.85	2,260.96	792.61	960.58	-	1,051.14
2012	155.87	810.14	3,168.58	2,362.99	1,121.50	1,001.80	-	1,217.28
2013	166.66	719.52	3,286.13	2,954.28	1,103.50	1,159.20	-	1,206.67
2014	189.19	726.37	3,064.30	2,892.80	1,306.88	1,335.74	-	1,296.73
2015	211.19	541.78	7,969.86	3,306.22	879.83	1,054.99	6,624.36	920.22

*) 2011 excluding rent generation

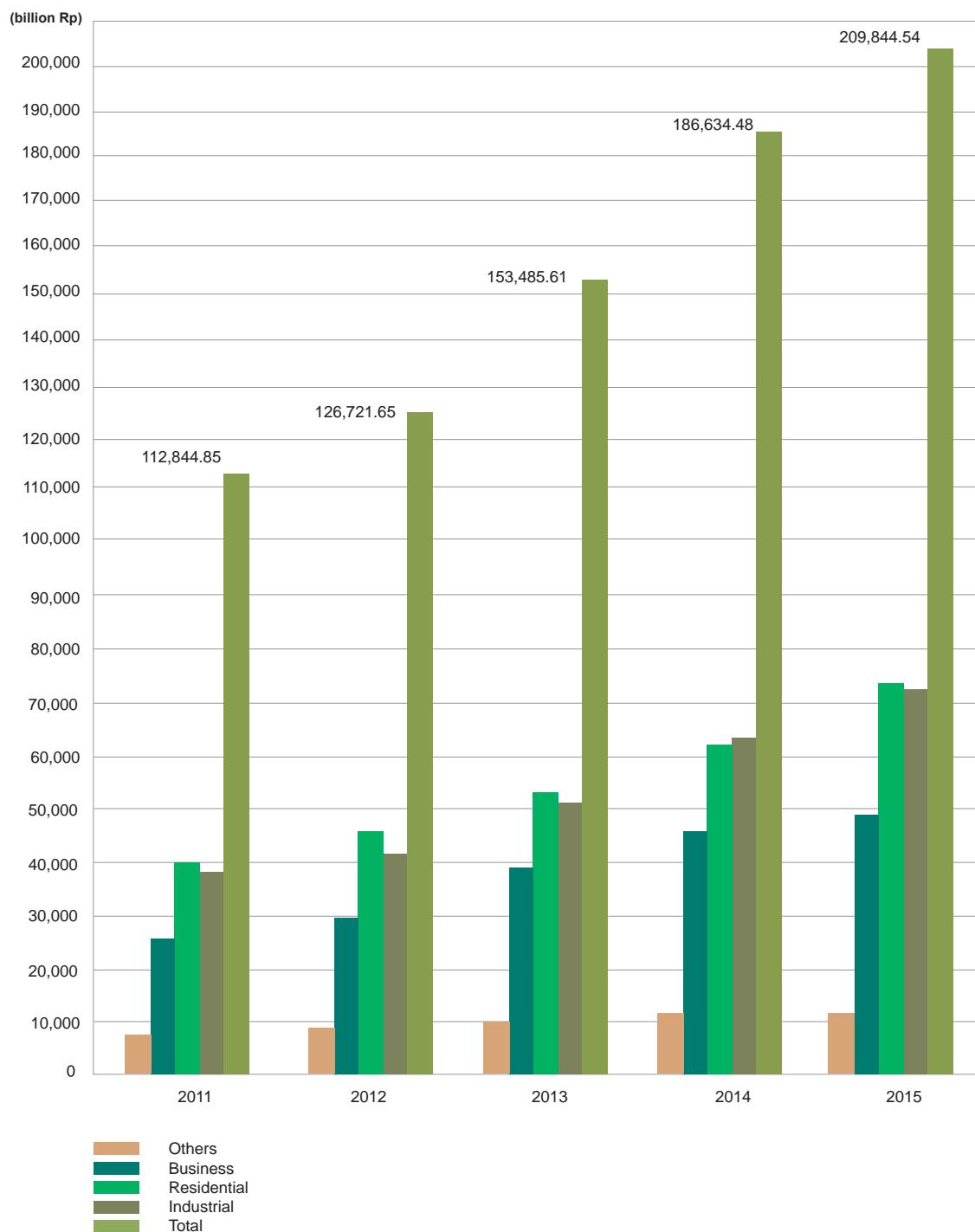
Table 69 : Financial Ratios**2010 - 2015**

Indicator	Unit	2015	2014 *)	2013 *)	2012	2011	2010
I. Financial Indicator							
- Cash Ratio	%	0.20	0.32	0.29	30.00	34.39	35.59
- Rentability Ratio	%	1.84	7.48	(4.65)	3.78	3.29	7.28
- Solvability Ratio	%	30.89	65.31	66.73	68.49	65.35	65.01
- Liquidity Ratio	%	67.81	99.88	96.87	102.43	104.19	80.82
II. Profitability							
- Operating Ratio	%	89.90	90.6	89.9	85.66	87.51	86.41
- ROR On Net Average Fixed Assets	%	1.98	1.56	(7.89)	1.98	1.56	4.19
III. Leverage Financial							
- Debt Equity Ratio	%	29.70	124.7	137.5	164.75	138.29	118.14
- Self Financing Ratio	%	161.20	79.00	91.7	39.62	33.71	50.75
- Debt Service Coverage	Times	1.52	1.56	2.12	1.54	1.71	1.77
IV. Operating Activity (Financial)							
- Fixed Assets Turnover	Times	0.27	0.43	0.37	0.29	0.31	0.42
- Average Period of Receivable Collection	Day	34.20	34.41	33.55	35.57	38.36	9.62
- Receivable Turnover	Times	10.67	10.61	10.88	10.26	9.51	37.92
- Material Turnover	Times	1.44	1.25	1.16	2.38	2.62	1.44

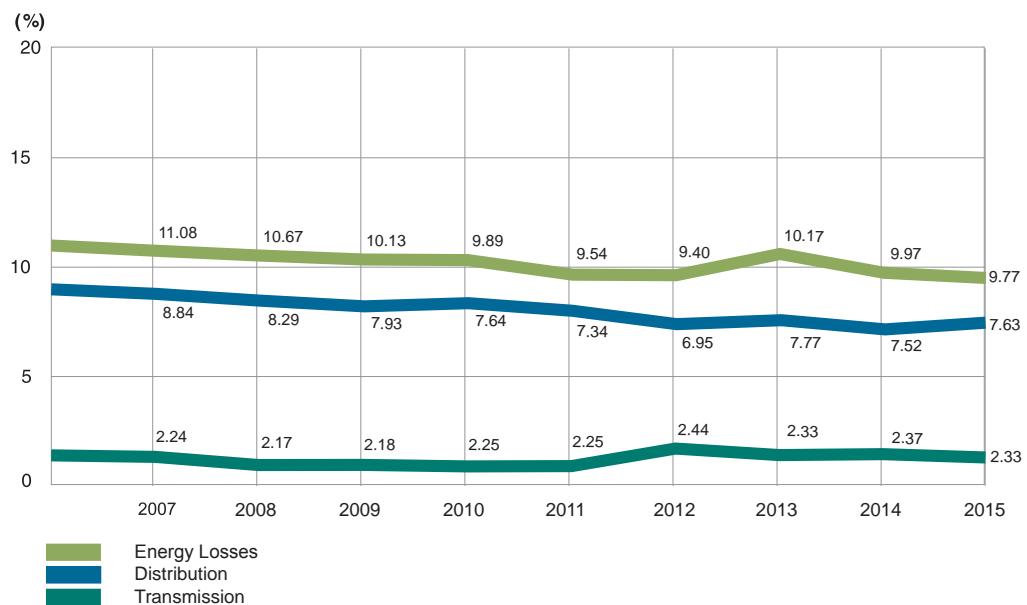
*) 2013 and 2014 restatement of financial statement

Data Over Nine Years 2007 - 2015

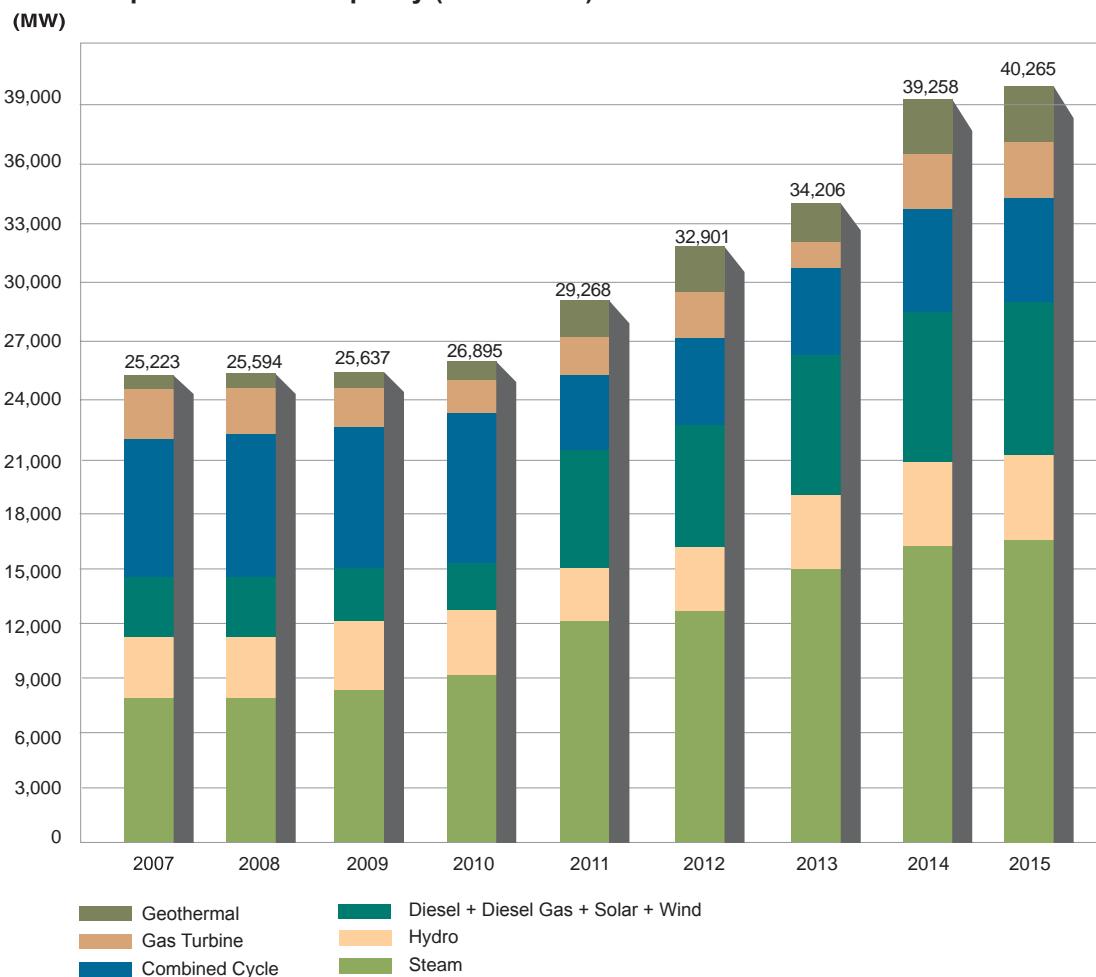
Graph 5. Revenues (2011 - 2015)



Graph 6. Energy Losses (2007 - 2015)

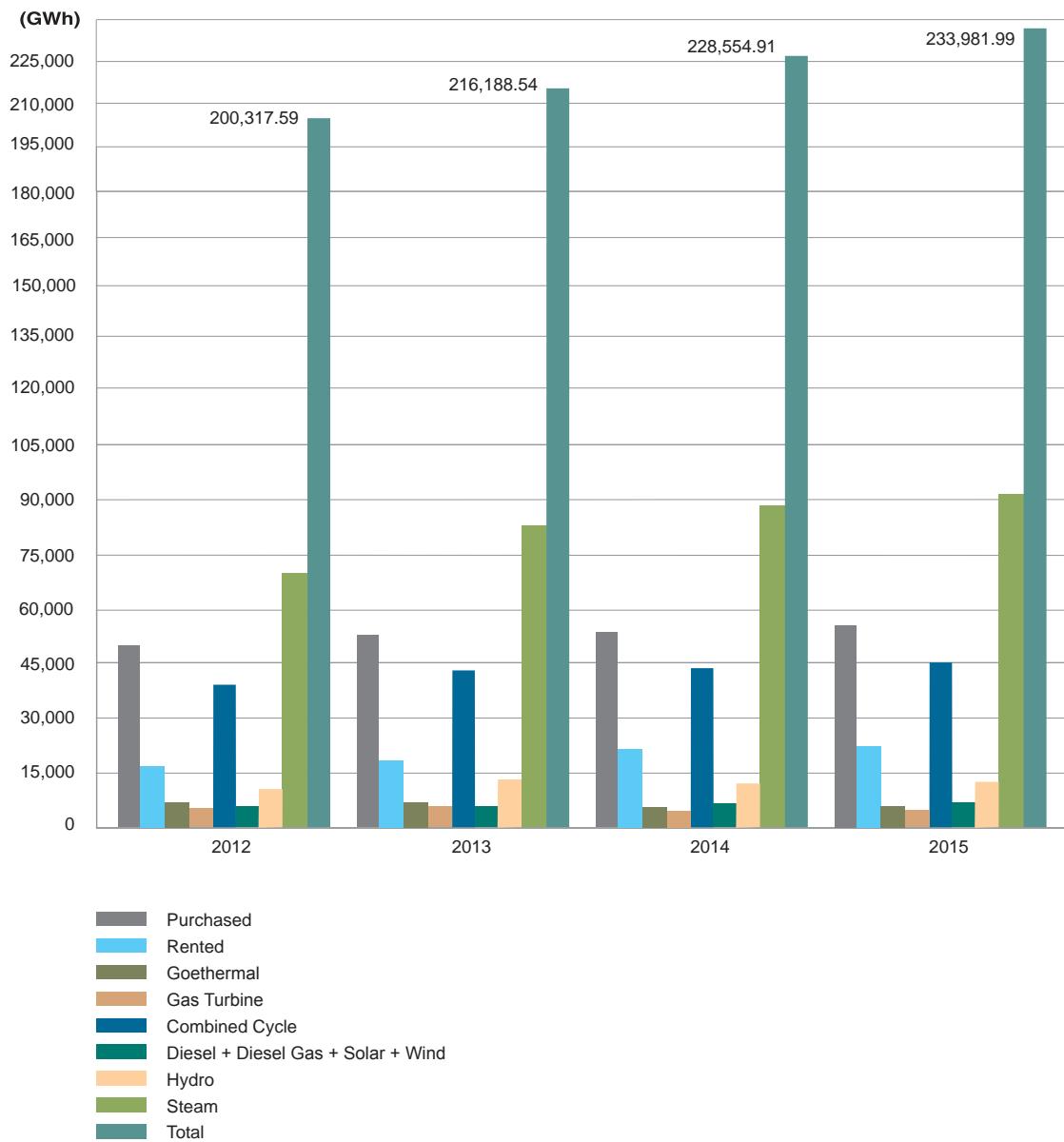


Graph 7. Installed Capacity (2007 - 2015)



Data Over Nine Years 2007 - 2015

Graph 8. Energy Production (2012 - 2015)





**End of Five Year
(Development Plan Data)**

Data of Five Year Development Plan Data

Table 70 : Number of Customers

2015

Type of Customer	End of FYDP I (1973/74)	End of FYDP II (1978/79)	End of FYDP III (1983/84)	End of FYDP IV (1988/89)	End of FYDP V (1993/94)	Fifth Year of FYDP VI (1998)	Year 2015
- Residential	913,940	1,584,851	4,046,692	8,665,543	14,191,414	24,902,763	56,605,260
- Industrial	7,145	8,087	16,879	27,773	38,769	43,088	63,314
- Business	78,080	145,588	239,277	356,942	514,816	847,940	2,894,990
- Others	32,977	44,721	103,229	225,680	412,410	639,698	1,604,416
Total	1,032,142	1,783,247	4,406,077	9,275,938	15,157,409	26,433,489	61,167,980

Table 71 : Average Growth Rate of Number of Customer per Year (%)

2015

Type of Customer	FYDP I	FYDP II	FYDP III	FYDP IV	FYDP V	FYDP VI *)	2000 - 2015
- Residential	3.05	11.64	20.62	16.45	8.00	10.97	5.11
- Industrial	(0.55)	2.51	15.85	10.47	4.20	1.62	2.40
- Business	7.17	13.27	10.45	8.33	6.53	11.89	6.91
- Others	10.75	6.28	18.21	16.93	10.36	8.94	5.77
Total	3.51	11.56	19.83	16.05	8.00	10.93	5.20

*) to the end of year 1999

Table 72 : Connected Capacity (MVA)

2015

Type of Customer	End of FYDP I (1973/74)	End of FYDP II (1978/79)	End of FYDP III (1983/84)	End of FYDP IV (1988/89)	End of FYDP V (1993/94)	Fifth Year of FYDP VI (1998)	Year 2015
- Residential	398.66	992.56	2,648.60	5,397.11	8,914.86	15,887.50	51,654.89
- Industrial	422.55	973.92	1,857.77	4,080.31	7,781.84	10,698.91	25,024.02
- Business	141.06	307.91	770.00	1,382.57	2,780.64	5,665.04	22,477.28
- Others	114	184.66	850.29	1,373.75	1,758.99	2,344.39	7,426.05
Total	1,076.27	2,459.05	6,126.66	12,233.74	21,236.33	34,595.84	106,582.24

End of Five Year Development Plan Data

Table 73 : Average Growth Rate of Connected Capacity per Year (%) **2015**

Type of Customer	FYDP I	FYDP II	FYDP III	FYDP IV	FYDP V	FYDP VI *)	2000 - 2015
- Residential	10.81	20.01	21.69	15.30	8.27	11.93	7.05
- Industrial	18.24	18.18	13.79	17.04	9.50	5.90	5.39
- Business	9.33	16.90	20.12	12.42	12.18	14.20	8.68
- Others	8.06	10.13	35.72	10.07	3.68	5.43	7.80
Total	12.81	17.97	20.03	14.83	8.74	9.73	6.96

*) to the end of year 1999

Table 74 : Energy Sold (GWh) **2015**

Type of Customer	End of FYDP I (1973/74)	End of FYDP II (1978/79)	End of FYDP III (1983/84)	End of FYDP IV (1988/89)	End of FYDP V (1993/94)	Fifth Year of FYDP VI (1998)	Year 2015
- Residential	1,077.30	1,962.20	4,291.50	7,274.63	13,140.74	24,865.45	88,682.13
- Industrial	596.00	1,443.40	3,435.90	9,052.24	19,560.98	27,995.54	64,079.39
- Business	220.90	430.90	1,002.50	1,740.14	3,774.97	8,655.96	36,978.05
- Others	320.80	450.40	1,269.80	1,925.83	2,485.34	3,744.46	13,106.25
Total	2,215.00	4,286.90	9,999.70	19,992.84	38,962.03	65,261.41	202,845.82

Table 75 : Average Growth Rate of Energy Sold per Year (%) **2015**

Type of Customer	FYDP I	FYDP II	FYDP III	FYDP IV	FYDP V	FYDP VI *)	2000 - 2015
- Residential	9.68	12.74	16.94	11.13	10.61	13.25	7.36
- Industrial	21.20	19.35	18.94	21.38	11.36	8.54	4.31
- Business	13.25	14.30	18.39	11.66	13.73	17.04	8.70
- Others	12.38	7.02	23.03	8.69	3.52	7.61	8.21
Total	12.96	14.12	18.46	14.86	10.70	11.09	6.47

*) to the end of year 1999

Table 76 : Energy Losses (%)**2015**

Function	First Year FYDP I (1974/75)	End of FYDP II (1978/79)	End of FYDP III (1983/84)	End of FYDP IV (1988/89)	End of FYDP V (1993/94)	Fifth Year of FYDP VI (1998)	Year 2015
Transmission	3.90	3.50	3.90	3.01	2.54	2.35	2.33
Distribution	19.90	18.30	16.90	13.87	9.99	9.99	7.63
Total	23.80	21.80	20.80	16.88	12.53	12.34	9.77

Table 77 : Installed Capacity (MW)**2015**

Type of Generating	End of FYDP I (1973/74)	End of FYDP II (1978/79)	End of FYDP III (1983/84)	End of FYDP IV (1988/89)	End of FYDP V (1993/94)	Fifth Year of FYDP VI (1998)	Year 2015
- Hydro	278.77	349.67	536.44	1,969.57	2,178.75	3,006.76	3,566.18
- Steam	225.00	556.25	1,556.25	3,416.95	4,690.60	6,770.60	21,087.15
- Gas Turbine	42.00	882.07	1,027.92	1,233.68	995.92	1,347.41	2,981.32
- Combined Cycle	-	-	-	-	3,411.31	6,560.97	8,894.11
- Geothermal	-	-	30.00	140.00	195.00	360.00	550.89
- Diesel***)	230.31	500.40	784.39	1,769.02	2,128.46	2,535.02	3,175.79
- Diesel Gas*)	-	-	-	-	-	-	-
- Wind**)	-	-	-	-	-	-	0.99
- Solar	-	-	-	-	-	-	8.88
Total	776.08	2,288.38	3,934.99	8,529.22	13,600.05	20,580.76	40,265.26

*) Since year 2004

**) Since year 2007

***) The installed capacity of diesel including diesel gas

Table 78 : Average Growth Rate of Installed Capacity per Year (%)**2015**

Type of Generating	FYDP I	FYDP II	FYDP III	FYDP IV	FYDP V	FYDP VI *)	2000 - 2015
- Hydro	9.90	2.90	10.72	29.71	2.00	5.81	1.13
- Steam	12.50	2.13	44.16	17.03	3.51	6.59	7.87
- Gas Turbine	-	81.57	4.40	3.72	(4.19)	7.58	6.23
- Combined Cycle	-	-	-	-	60.19	11.20	1.74
- Geothermal	-	-	-	36.08	6.85	11.25	2.88
- Diesel	3.90	14.91	11.19	17.66	3.47	3.88	1.47
- Diesel Gas **)	-	-	-	-	-	-	-
- Wind***)	-	-	-	-	-	-	-
- Solar	-	-	-	-	-	-	-
Total	9.30	24.12	11.45	16.73	8.40	7.48	4.51

*) to the end of year 1999

**) Since year 2004

***) Since year 2007

End of Five Year Development Plan Data

Table 79 : Energy Production (GWh)

2015

Type of Generating	End of FYDP I (1973/74)	End of FYDP II (1978/79)	End of FYDP III (1983/84)	End of FYDP IV (1988/89)	End of FYDP V (1993/94)	Fifth Year of FYDP VI (1998)	Year 2015
Own Production :							
- Hydro	1,029.58	1,384.28	1,816.27	5,226.86	7,858.66	9,649.00	10,004.48
- Steam	713.45	1,523.10	7,365.49	14,218.38	21,784.23	30,512.37	95,815.29
- Gas Turbine	158.32	1,156.73	1,065.60	1,581.98	2,609.44	1,395.50	3,442.93
- Combined Cycle	-	-	-	-	7,794.75	24,940.78	38,705.56
- Geothermal	-	-	209.31	1,011.96	1,090.00	2,616.80	4,391.55
- Diesel	467.90	845.53	1,654.13	2,900.87	4,331.51	5,306.55	3,032.75
- Diesel Gas	-	-	-	-	-	-	1,232.81
- Wind	-	-	-	-	-	-	-
- Solar	-	-	-	-	-	-	5.28
- Rented	-	-	-	-	-	543.61	19,841.58
Sub Total	2,369.25	4,909.63	12,110.81	24,940.05	45,468.59	74,964.61	176,472.21
Purchased	636.73	813.18	1,281.02	682.71	1,250.17	2,938.76	57,509.77
Total Production	3,005.98	5,722.82	13,391.83	25,622.75	46,718.76	77,903.37	233,981.99

Table 80 : Average Growth Rate of Energy Production per Year (%)

2015

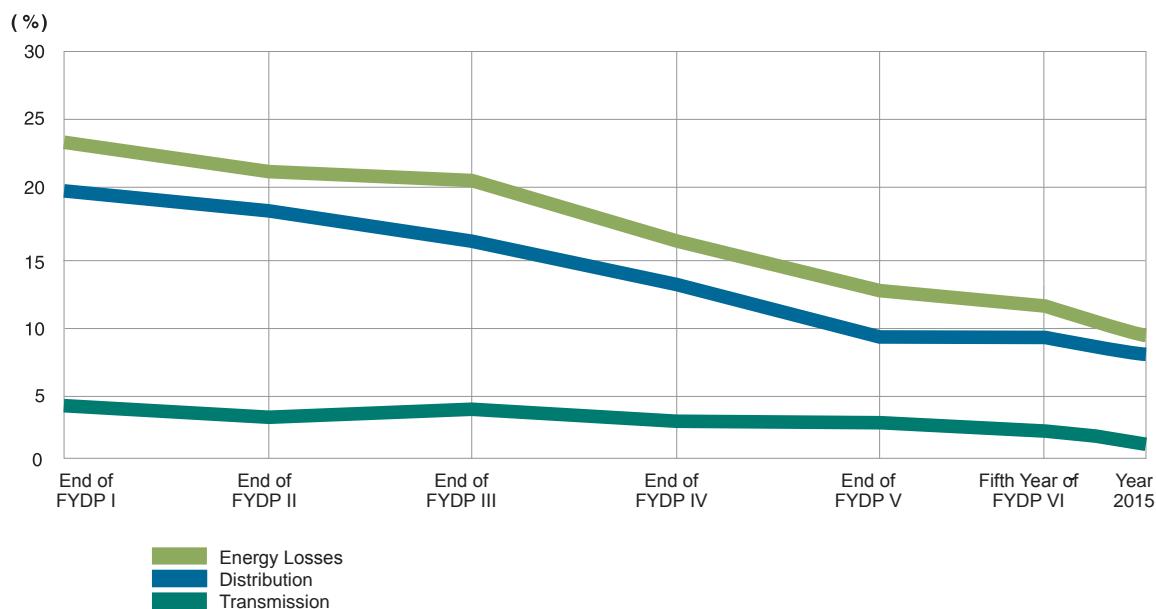
Production	FYDP I	FYDP II	FYDP III	FYDP IV	FYDP V	FYDP VI *)	2000 - 2015
Own Production :							
- Hydro	6.33	6.10	5.58	23.54	3.43	3.11	0.63
- Steam	20.05	16.37	37.05	14.06	5.73	8.05	6.28
- Gas Turbine	16.15	48.85	(1.63)	8.22	12.40	(8.61)	6.98
- Combined Cycle	-	-	-	-	109.54	24.15	2.58
- Geothermal	-	-	-	37.05	1.60	17.30	3.43
- Diesel	12.18	12.56	14.36	11.89	6.53	3.66	(4.08)
- Diesel Gas **)	-	-	-	-	-	-	-
- Wind***)	-	-	-	-	-	-	-
- Solar ***)	-	-	-	-	-	-	-
- Rented	-	-	-	-	-	-	25.14
Sub Total	11.39	15.69	19.79	15.54	9.61	10.44	5.06
Purchased	11.19	5.01	9.52	(11.83)	8.38	23.86	13.05
Total Production	11.34	13.74	18.53	13.86	9.58	10.92	6.32

*) To the end of year 1999

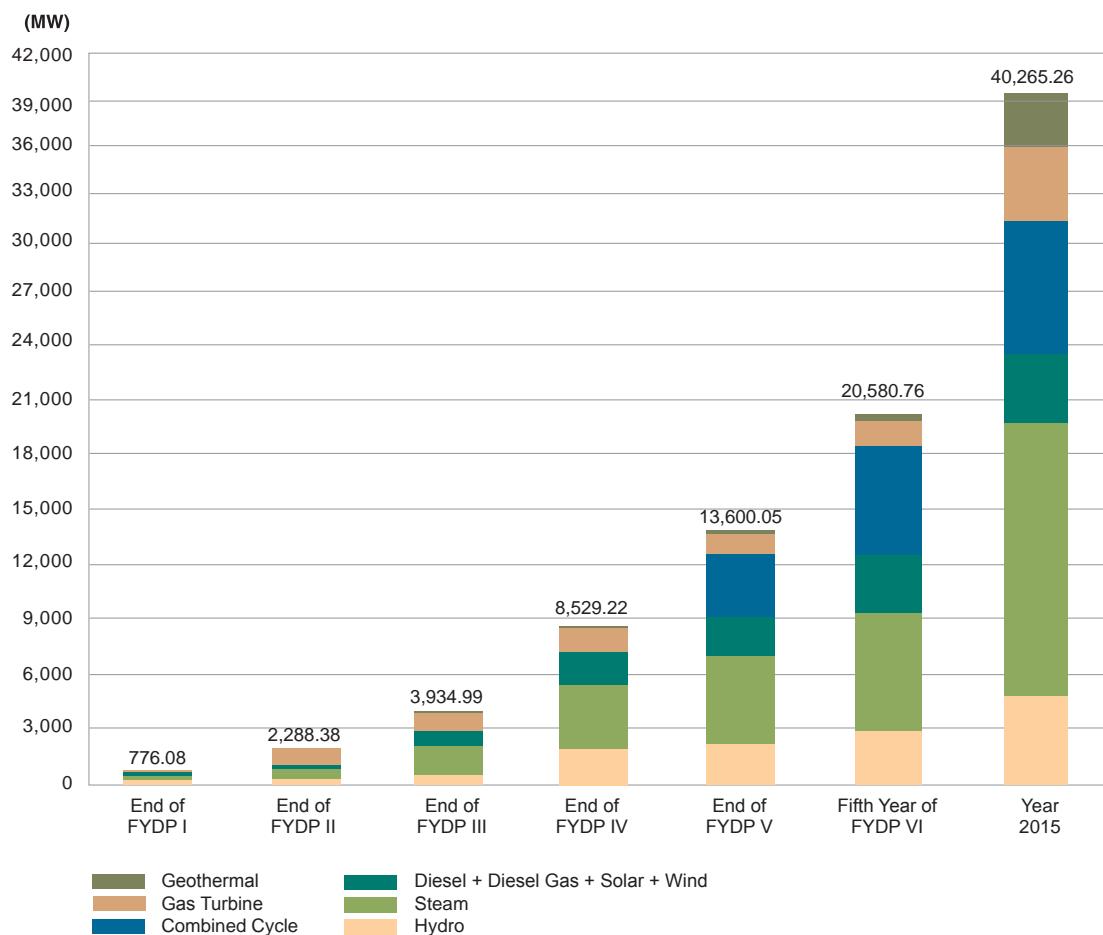
**) Since year 2004

***) Since year 2007

Graph 9. Energy Losses

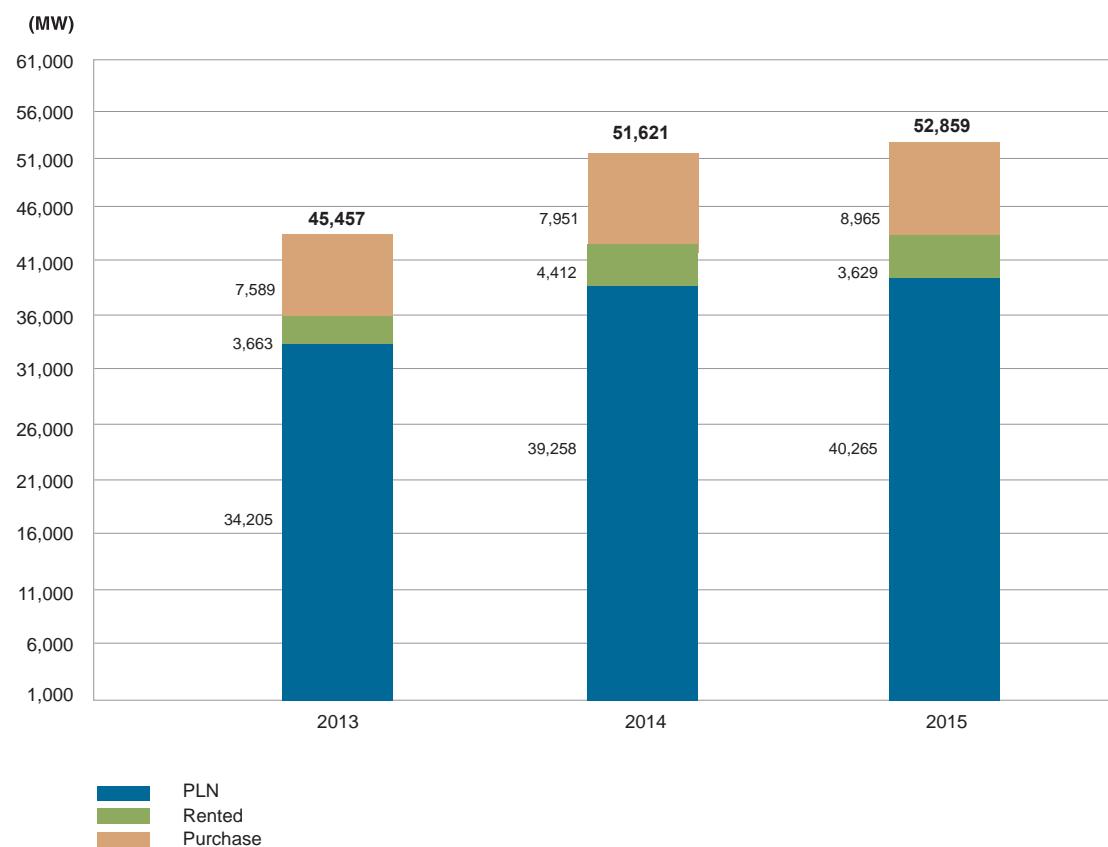


Graph 10. Installed Capacity

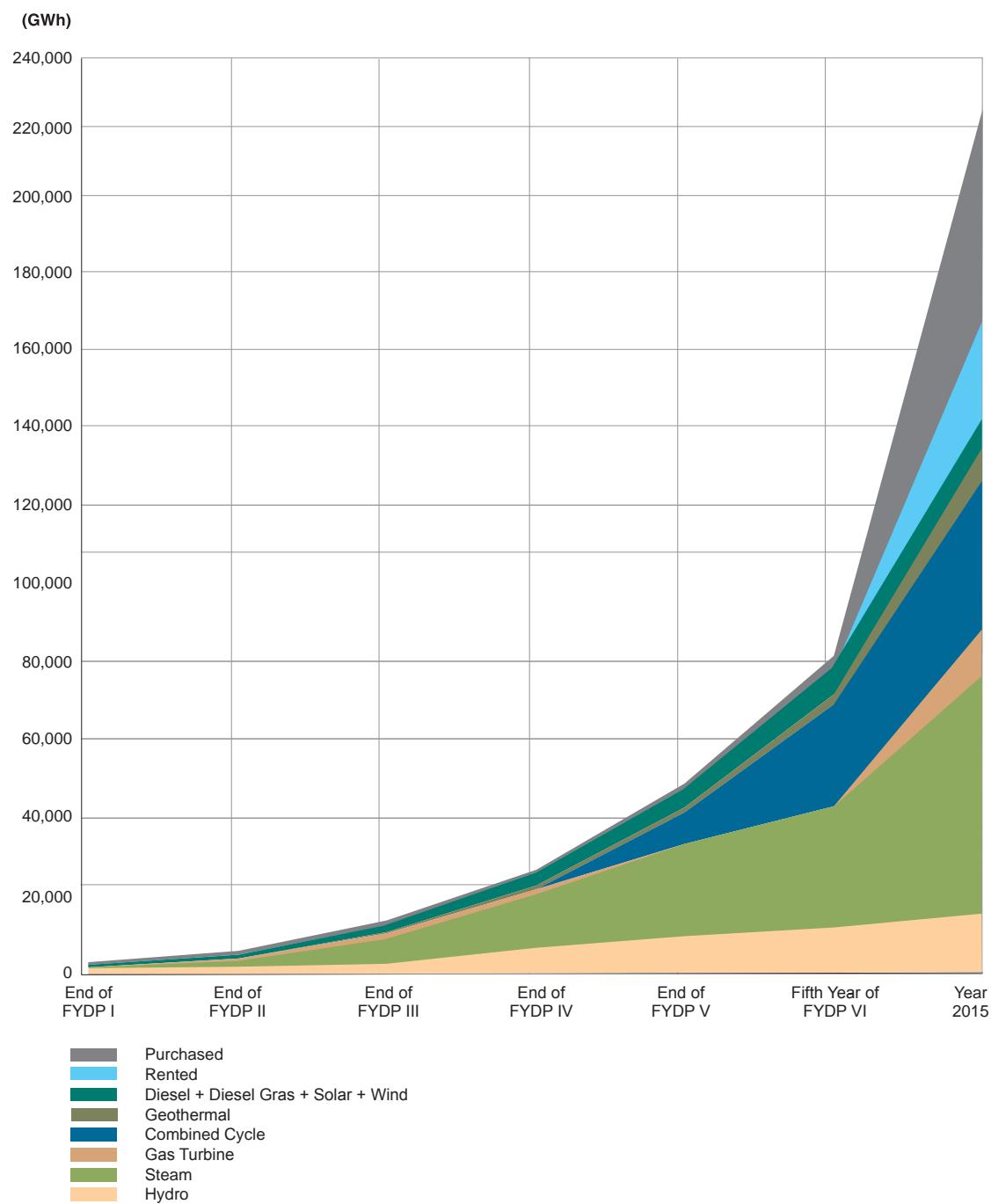


End of Five Year Development Plan Data

Graph 11. Installed Capacity of National



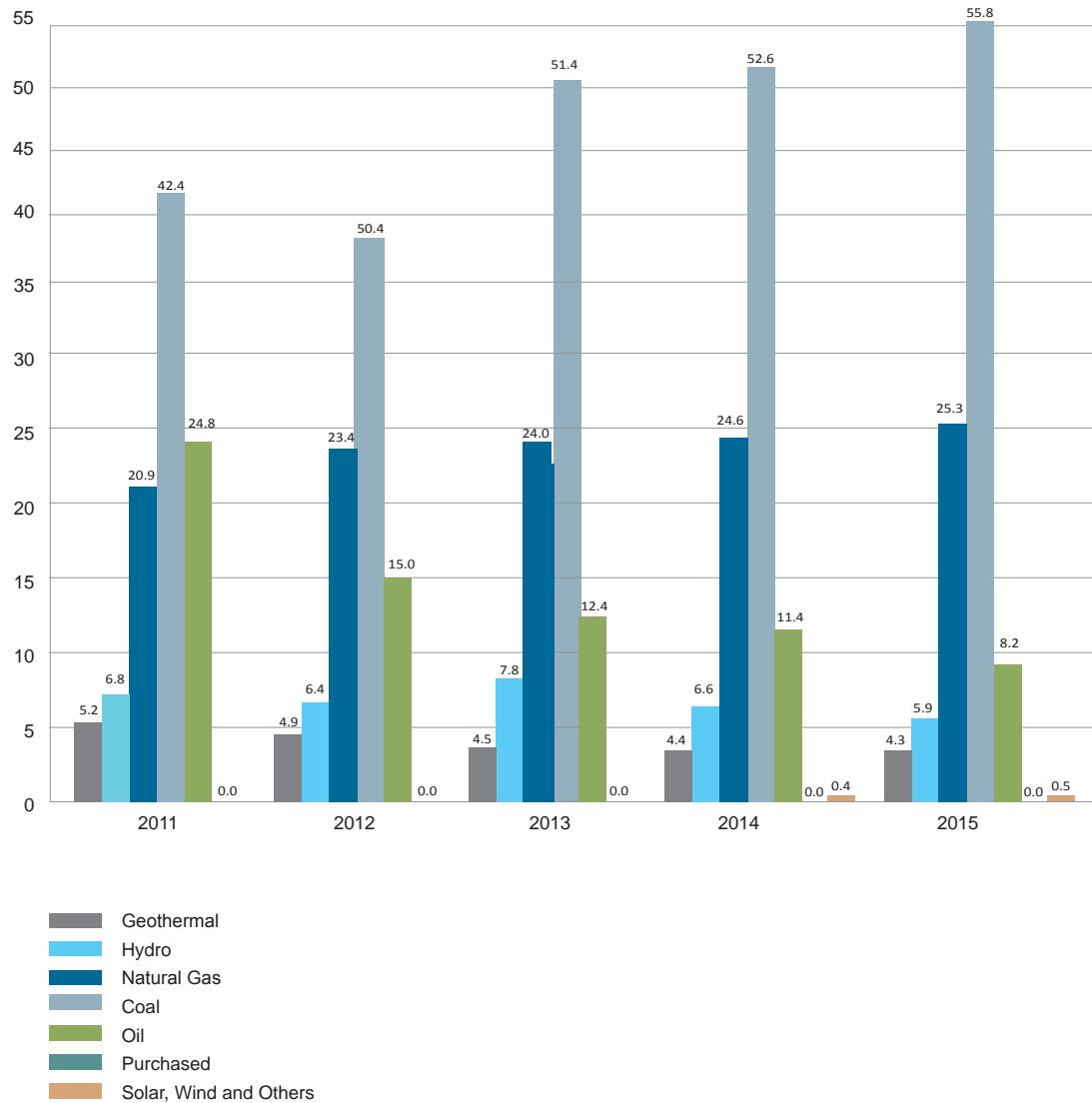
Graph 12. Energy Production



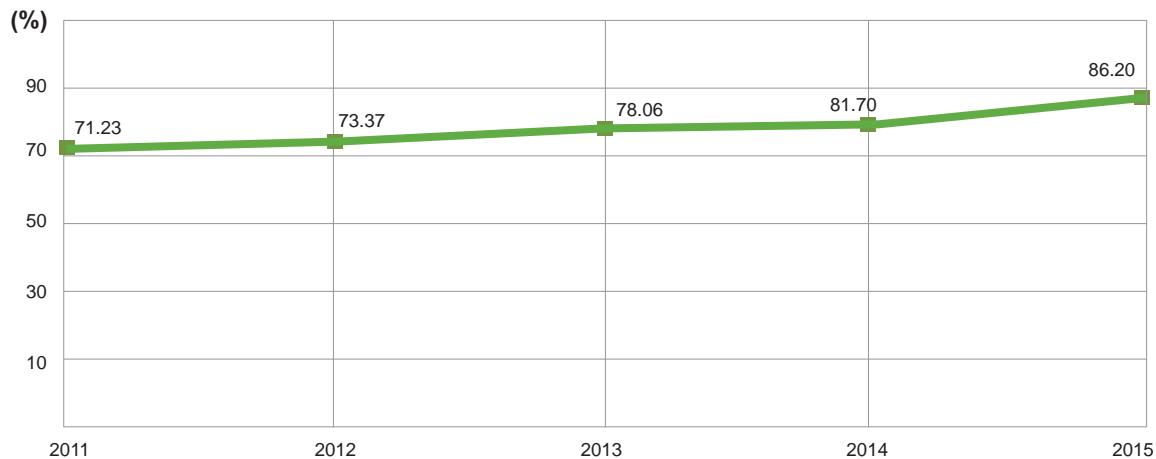
End of Five Year Development Plan Data

Graph 13. Energy Mix in 2011 - 2015

(%)

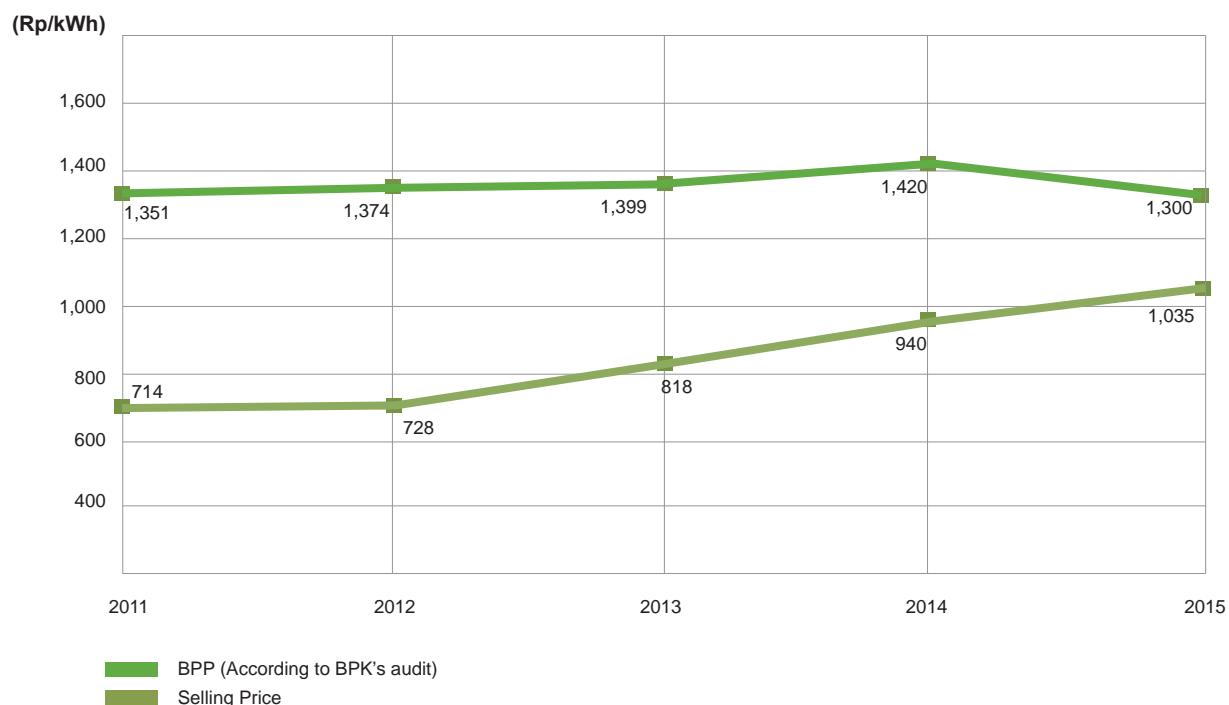


Graph 14. Electrification Ratio *)



*) Excluding non PLN Customers

Graph 15. Basic Cost of Electricity Production and Average Selling Price





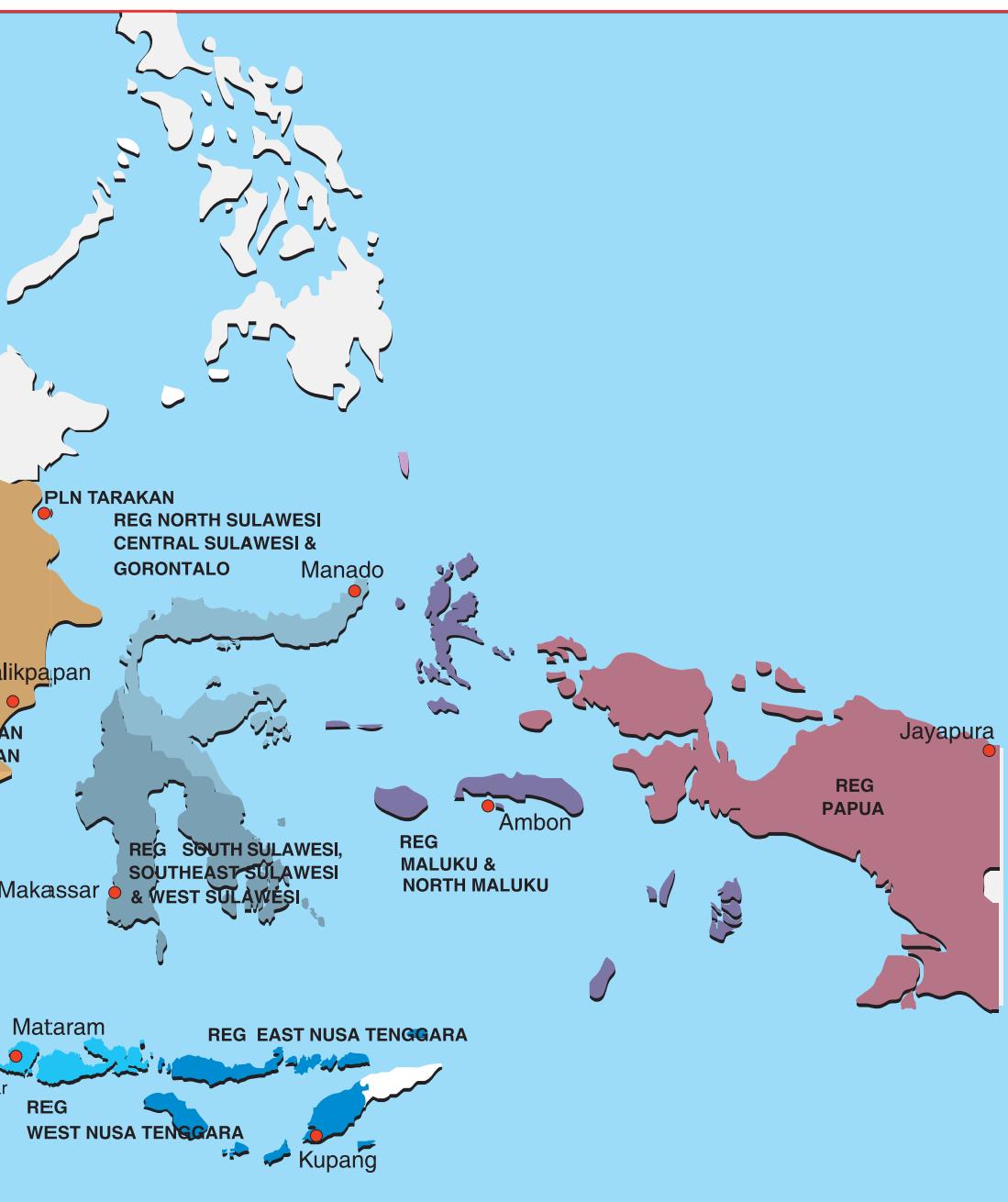


Operational Region of PLN

Operational Region and Location of PLN Region Offices

Operational Region and Location of PLN Region Offices





PLN Region Offices and Subsidiaries Address

PT PLN (Persero) Region of Aceh

Jl. Tgk. H. M. Daud Bereuh-eh No. 172, Banda Aceh 23243
Telp : (0651) 221 88
Fax : (0651) 215 16, 334 34

PT PLN (Persero) Region of North Sumatera

Jl. K. L. Yos Soedarso No. 284, Medan 20115
Telp : (061) 6615 166, 6615 456
Fax : (061) 6613 789

PT PLN (Persero) Region of West Sumatera

Jl. Dr. Wahidin No. 8, Padang 25121
Telp : (0751) 334 46, 334 47
Fax : (0751) 295 40, 315 64

PT PLN (Persero) Region of Riau and Riau Islands

Jl. Dr. Setiabudhi No. 574, Pekanbaru 28144
Telp : (0761) 853 737, 855 309, 855 840
Fax : (0761) 855 310, 855 308

PT PLN (Persero) Region of Bangka Belitung

Jl. Soekarno Hatta Km. 5, Pangkal Pinang,
Kep. Pangkal Pinang Islands 33171
Telp : (0717) 439 300
Fax : (0717) 439 600

PT PLN (Persero) Region of S2JB

Jl. Kapten A. Rivai No. 37, Palembang 30129
Telp : (0711) 358 355, 358 804, 358 859
Fax : (0711) 356 759, 310 376

PT PLN (Persero) Distribution of Lampung

Jl. Z.A. Pagar Alam No. 05, Bandar Lampung 35144
Telp : (0721) 774 868
Fax : (0721) 774 867, 780 247

PT PLN (Persero) Region of West Kalimantan

Jl. Adi Sucipto Km. 7,5 Sei Raya, Pontianak 78391
Telp : (0561) 722 037, 721 960
Fax : (0561) 721 395

PT PLN (Persero) Region of South and Central Kalimantan

Jl. Panglima Batur Barat No. 1, Banjarbaru – Kalsel 70711
Telp : (0511) 477 2520, 477 2633, 477 2564
Fax : (0511) 477 2442

PT PLN (Persero) Region of East Kalimantan and North

Jl. MT. Haryono No. 384, Balikpapan 76114
Telp : (0542) 871 840
Fax : (0542) 876 130, 872 637

PT PLN (Persero) Region of North Sulawesi,

Central Sulawesi and Gorontalo

Jl. Betesda No. 32, Manado 95116
Telp : (0431) 863 644, 863 651, 862 644
Fax : (0431) 863 660

PT PLN (Persero) Region of South Sulawesi,

South East Sulawesi and West Sulawesi

Jl. Letjend. Hertasning Blok B, Panakukang, Makassar 90222
Telp : (0411) 444 88
Fax : (0411) 444 800

PT PLN (Persero) Region of Maluku and North Maluku

Jl. Diponegoro No. 2, Ambon 97127
Telp : (0911) 311 810, 354 696
Fax : (0911) 310 910

PT PLN (Persero) Region of West Nusa Tenggara

Jl. Langko No. 25 – 27, Ampenan-Mataram 83114
Telp : (0370) 643 123
Fax : (0370) 643 401

PT PLN (Persero) Region of East Nusa Tenggara

Jl. Piet A. Tallo II No. III, Kupang 85228
Telp : (0380) 855 4005
Fax : (0380) 855 4011

PT PLN (Persero) Region of Papua and West Papua

Jl. Jend. A. Yani No. 18, Jayapura 99111
Telp : (0967) 533 891, 536 124
Fax : (0967) 534 694, 532 145

PT PLN (Persero) Distribution of Jakarta Raya and Tangerang

Jl. M. I. R Rais No. 1, Jakarta 10110
Telp : (021) 345 5000, 345 4000
Fax : (021) 345 6694, 386 3812

PT PLN (Persero) Distribution of West Java and Banten

Jl. Asia Afrika No. 63, Bandung 40111
Telp : (022) 423 0747
Fax : (022) 423 0822, 420 6287

PT PLN (Persero) Distribution of Central Java and DI. Yogyakarta

Jl. Teuku Umar No. 47, Semarang
Telp : (024) 841 1991
Fax : (024) 841 2268

PT PLN (Persero) Distribution of East Java

Jl. Embong Trengguli No. 19 – 21, Surabaya 60271
Telp : (031) 534 0651, 534 0657
Fax : (031) 531 0057, 531 3881

PT PLN (Persero) Distribution of Bali

Jl. Letda. Tantular No. 1, Renon, Denpasar 80123
Telp : (0361) 221 960, 221 968, 221 957
Fax : (0361) 227 101

PT PLN (Persero) Education and Training Center

Jl. HR. Harsono RM No. 59, Ragunan Pasar Minggu
Jakarta Selatan 12250
Telp : (021) 781 1292, 781 1293, 780 0832
Fax : (021) 781 1294, 781 1295

PT PLN (Persero) Engineering Electricity Center

Jl. Aipda KS. Tubun I/2, Petamburan, Jakarta 11420
Telp : (021) 564 0141, 563 8644
Fax : (021) 563 8658

PT PLN (Persero) Electricity Maintenance Center (JP)

Jl. Raya Dayeuhkolot Km. 09, Bandung 40257
Telp : (022) 520 2929, 522 3860, 523 0679
Fax : (022) 520 7146

PT PLN (Persero) Research and Development

Jl. Duren Tiga, Jakarta Selatan 12760
Telp : (021) 797 3774, 798 0190, 798 9982
Fax : (021) 799 1762, 797 5414

PT PLN (Persero) Certification Center

Jl. Laboratorium, Duren Tiga, Jakarta 12760
Telp : (021) 790 0034
Fax : (021) 798 2034

PT PLN (Persero) Construction Management Service

Jl. Slamet No. 1, Candi Baru, Semarang 50232
Telp : (024) 8310060
Fax : (024) 8317241

PT PLN (Persero) South Sumatera Power Plant

Jl. Demang Lebar Daun No. 375, Palembang 30128
Telp : (0711) 374 955
Fax : (0711) 374 958, 374 959

PT PLN (Persero) North Sumatera Power Plant

Jl. Brigjen Katamso Km 5,5, Titi Kuning, Medan 20146
Telp : (061) 786 9025
Fax : (061) 786 7967

PT PLN (Persero) Generator Unit of Java Bali (UPJB)

Jl. P. Mangkubumi No. 16, Yogyakarta 55232
Telp : (0274) 582 912
Fax : (0274) 582 971

PT PLN (Persero) Tanjung Jati B Power Plant

Ds. Tubanan Kec. Kembang, Kab. Jepara
Jawa Tengah 59453
Telp : (0291) 772 121 s/d 772 124
Fax : (0291) 772 125

PT PLN (Persero) Transmission and Load Dispatching Center of Java Bali

Krukut – Limo Cinere 16541,
Kotak Pos 159 CNR, Jakarta Selatan
Telp : (021) 754 3566, 754 2646
Fax : (021) 754 2516, 754 3661

PT PLN (Persero) Transmission and Load Dispatching Center of Sumatera

Jl. S. Parman No. 221, Padang, Sumatera Barat 25135
Telp : (0751) 7054 688, 7053 300
Fax : (0751) 445 589

PT Indonesia Power

Jl. Jend. Gatot Subroto Kav. 18, Jakarta Selatan 12950
Telp : (021) 526 7666
Fax : (021) 525 2623

PT Pembangkitan Jawa Bali (PJB)

Jl. Ketintang Baru No. 11, Surabaya 60231
Telp : (031) 828 3180
Fax : (031) 828 3183

PT Pelayanan Listrik Nasional Batam

Jl. Engku Putri No. 3, Batam Center, Batam 29432
Telp : (0778) 463 150 – 53
Call Center : (0778) 327 999/123 (lokal)
Fax : (0778) 463 143

PT Indonesia Comnets Plus (ICON+)

Wisma Mulia Building, 50th - 51st Floor
Jl. Jend. Gatot Subroto No. 42, Jakarta 12710
Telp : (021) 525 3019 Jwots : 12900
Fax : (021) 525 3659 Jwots : 12264

PT Prima Layanan Nasional Enjiniring

Jl. KS. Tubun I/2 Lt.2, Jakarta 11420
Telp : (021) 560 8918, 560 8432, 560 9044
Fax : (021) 564 0132

PT Pelayanan Listrik Nasional Tarakan

Jl. P. Diponegoro No. 1, Tarakan, East Kalimantan 77114
Telp : (0551) 351 92, 513 49, 218 28, 220 17
Fax : (0551) 341 58, 219 28

PT PLN Batubara

Jl. Warung Buncit Raya No. 10
Kalibata, Jakarta Selatan 12740
Telp : (021) 720 6813, 720 6814, 720 6837
Fax : (021) 720 6838

PT PLN Geothermal

Building I, 7th Floor, PT PLN (Persero) Head Office
Jl. Trunojoyo Blok M I/135, Kebayoran Baru
Jakarta 12160
Telp : (021) 725 1234, 726 1122 ext. 4171
Fax : (021) 722 7063

PT Pelayaran Bahtera Adhiguna

Jl. Kalibesar Timur No. 10 – 12
Jakarta 11110
Telp : (021) 691 2547, 691 2548, 691 2549
Fax : (021) 690 1450, 690 2726

PT Haleyora Power

Pejaten Office Park No. 79, Blok B
Jl. Warung Buncit Raya, Pasar Minggu
Jakarta 12550
Telp : (021) 791 92517
Fax : (021) 791 92516





PT PLN (Persero)

Jl. Trunojoyo Blok M1 - No.135
Kebayoran Baru, Jakarta 12160
Telp. (021) 7251234, 7250550, 7261122
Fax. (021) 7221330
www.pln.co.id