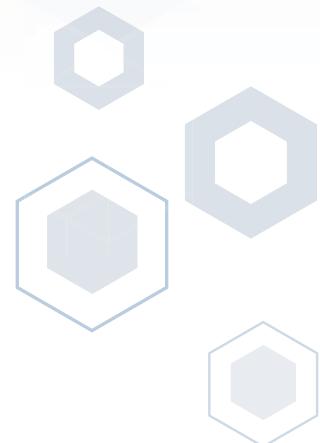




STATISTICS PLN

2019



Preface

PLN Statistics 2019 contains information on performances of PT PLN (Persero) and its Subsidiary Companies for Calender Year 2019 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, June 2020

PT PLN (Persero)

Summary

1. Generation

Installed Capacity

At the end of Desember 2019 PT PLN (Persero) and Subsidiary Companies owned and operated about 5,987 generating units with total installed capacity of 43,856.58 MW, of which 30,368.23 MW (69.24%) was installed in Java.

The total installed capacity increased 5.18% compared to the end of December 2018.

The total generating plant capacity broken down by type of power plant as follow : Steam Turbine 20,750.50 MW (47.31%), Combine Cycle 10,708.76 MW (24.42%), Diesel 3,692.38 MW (8.42%), Gas Engine 1,336.93 MW (3.05%), Hydro 3,583.98 MW (8.17%), Gas Turbine 3,188.90 MW (7.27%), Geothermal 579.50 MW (1.32%), Solar Cell and Wind 15.62 MW (0.04%).

Total installed capacity included rental and IPP were 62,832.70 MW.

Peak Load*

The system peak load for the calendar year 2019 was 41,670.85 MW, increased 7.48% over the previous year. The peak load for the Java Bali system was 26,658 MW. This is down 1.52% over the previous year.

Energy Production and Purchase

The own energy production throughout the year 2019 was 186,457.23 GWh, up 4.64% over the previous year. Of the energy production, 66.15% was produced by PT PLN (Persero) Holding, and 33.85% came from Subsidiary Companies, i.e. PT Indonesia Power, PT PJB, PT PLN Batam.

The total production (including purchase from utilities outside PLN) during the CY 2019 was 270,975.97 GWh, an increased of 3,890.59 GWh or 1.46% over the previous year. Of this energy production, the energy purchased from other utilities outside PLN amounted 84,518.74 GWh (30.30%). This was increased 6,131.82 GWh or 7.82% over the previous year.

2. Transmission and Distribution

At the end of CY 2019, the total transmission lines was 59,959.05 kmc of which about 5,249.52 kmc was 500 kV, 3,647.65 kmc was 275 kV, 44,563.86 kmc was 150 kV, 5,397.06 kmc was 70 kV and 100.95 kmc was 25 and 30 kV transmission levels. The total length of distribution lines amounted of 979,855.37 kmc of which about 401,421.90 kmc was medium voltage lines (20 kV, 12 kV, 6-7 kV distribution networks) and 578,433.47 kmc was low voltage lines (220/380 V).

The total capacity of substation transformers operated was 144,408 MVA, increased by 10.10% over the previous year. The total substation transformers was 2,123 unit. This consisted of 75 substation transformers with 500 kV system, 37 substation transformers with 275 kV system, 1,748 substation transformers with 150 kV system, 261 substation transformers with 70 kV system and 2 substation transformers with < 30 kV system.

Total capacity of distribution substation transformers increased by 5.20% to be 59.049 MVA and the total substation transformers increased by 5.29% to be 508,039 units.

* Peak load of PLN's Power Plant, Rented and IPP

Summary

3. Energy Sales

PLN's total energy during the year 2019 was 245,518.17 GWh, up 4.65% from the previous year. Among group of customers, energy sold to Residential was the major share, consuming 103,733.43 GWh (42.25%) followed by Industry 77,878.65 GWh (31.72%), Commercial 46,901.25 GWh (19.10%), and Others (social, government office building, and public street lighting) 17,004.83 GWh (6.92%).

Electricity sold to Residential, Industry, Commercial, and Others group of customers increased by 6.03%, 1.21%, 6.53%, and 7.55%.

Total number of customers was 75,705,614 at the end of 2019. This was up 5.27% from the end of 2018.

PLN's average power rate per kWh throughout the CY 2019 was 1,130 Rp/kWh, was increased compared previous year of 1,123.00 Rp/kWh.

4. Energy Losses

During the CY 2019, energy losses were 9.32%, consisting of 2.26% transmission losses and 7.24% distribution losses. This was better than the previous year 9.51

5. Electrification Ratio

With the growth of total number of residential customers from 66,071,133**) at the end of CY 2018 to 69,619,877 at the end of 2019, the electrification ratio reached around 95.75%.

6. Financial

In CY 2019, total operation revenues reached Rp. 285,640,589 million out of which electric revenues came to Rp. 276,061,925 (96.65%), connection fees Rp. 6,934,597 million (2.43%) and other operation revenues Rp. 2,644,067 million (0.93%).

Total operation cost amounted Rp. 315,440,938 million. Government subsidy Rp. 51,711,774 million, and compensation income of Rp. 22,253,517 million, operating profit after subsidies was Rp. 44,164,942 million, an increase compared to the achievement of operating profit in 2018 which amounted to Rp. 35,984,071 million.

The total asset amounted to approximately Rp. 1,585,055,013 million, increased 6.35% from the previous year.

7. Human Resources

By the end of December 2019, the total number of PLN employees was 54,129 employee. Employees productivity was 4,536 MWh/employee and 1,399 customer/employee.

**) Excluded 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*) : $\frac{\text{Interruption duration which cause blackout}}{100 \text{ kmc transmission lines}}$

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 2019 means one calendar year as from 1 January 2019 to 31 December 2019.

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	P3B	: Transmission and Control Centre
kWh	: kilowatt-hour	SOD	: System Outage Duration
MWh	: megawatt-hour	SOF	: System Outage Frequency
GWh	: gigawatt-hour	n.a	: not available
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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II. FINANCIAL

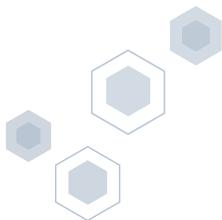
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Annual Data

2019



Annual Data 2019

Table 1 : Power Balance (MW)

2019

PLN Operational Unit/Province	Installed Capacity*)	Rated Capacity*)	Peak Load
UIW Aceh	230.13	152.95	152.95
UIW North Sumatera	120.51	119.16	84.49
UIW West Sumatera	77.19	43.25	34.36
UIW Riau and Riau Archipelago	460.93	345.60	215.94
- Riau	250.42	195.55	105.70
- Riau Archipelago	210.51	150.06	110.24
UIW South Sumatera, Jambi and Bengkulu	315.72	185.61	159.19
- South Sumatera	143.10	109.65	92.29
- Jambi	94.01	32.84	24.80
- Bengkulu	78.61	43.12	42.10
UIW Bangka Belitung	355.92	286.52	253.95
UID Lampung	41.39	34.83	27.24
UIW West Kalimantan	211.71	173.83	121.82
UIW South and Central Kalimantan	209.21	152.90	104.68
- South Kalimantan	52.04	40.17	33.44
- Central Kalimantan	157.16	112.73	71.24
UIW East and North Kalimantan	379.99	202.71	157.53
UIW N, C Sulawesi, and Gorontalo	366.49	242.33	173.25
- North Sulawesi	74.58	47.42	34.83
- Gorontalo	36.40	19.22	15.52
- Central Sulawesi	255.51	175.70	122.91
UIW of S, SE and W Sulawesi	147.31	102.84	84.67
- South Sulawesi	65.63	56.75	46.02
- Southeast Sulawesi	73.91	44.83	38.65
- West Sulawesi	7.77	1.26	-
UIW Maluku and North Maluku	543.70	335.66	210.60
- Maluku	423.43	277.53	158.90
- North Maluku	120.27	58.13	51.70
UIW Papua and West Papua	586.49	445.75	386.28
- Papua	141.75	109.55	92.41
- West Papua	444.75	336.21	293.87
UID Bali	8.65	5.54	1.79
UIW West Nusa Tenggara	583.33	609.38	496.87
UIW East Nusa Tenggara	464.33	303.55	226.57
PT PLN Batam	681.61	573.03	536.37
UIK Northern Part of Sumatera	4,255.12	3,129.25	2,569.79
UIK Southern Part of Sumatera	3,006.52	2,621.93	2,122.60
UIP3B Sumatera	3,073.00	2,607.89	2,609.80
UIKL Kalimantan	2,673.15	2,084.32	1,844.58
UIKL Sulawesi	2,840.60	2,452.96	2,357.48
Outside Java	21,632.99	17,211.77	14,932.80
UID East Java	67.48	53.06	24.06
UID of Central Java and Yogyakarta	26.48	23.74	19.93
- Central Java	25.70	23.19	19.48
- D.I. Yogyakarta	0.78	0.55	0.45
UID West Java	102.74	102.74	58.35
UID Banten	14.74	14.69	14.48
PT Indonesia Power	9,016.55	8,122.21	7,490.86
UID Jakarta Raya	-	-	-
PT PJB	7,021.64	6,352.55	6,255.72
PJB Sulawesi	68.04	62.20	51.83
UIP2B	9,636.20	13,403.00	-
UIK Tanjung Jati B	2,840.00	2,643.80	2,642.60
UIK Western Part of Java	5,317.79	4,922.80	4,607.58
UIK Central Part of Java	3,572.00	3,228.00	3,408.00
UIK Eastern Part of Java, Bali and Nusra	2,491.00	2,276.00	2,084.49
Java	40,174.66	41,204.80	26,657.90
UIW Papua and West Papua	24.00	12.00	-
UIW East Nusa Tenggara	2.21	-	0.09
UIP Northern Part of Sulawesi	31.00	28.50	31.00
UIP Southern Part of Sulawesi	49.12	49.12	49.06
UIP Western Part of Java	672.00	-	-
UIP Eastern Part of Kalimantan	15.91	-	-
UIP Western Part of Kalimantan	137.00	-	-
UIP Nusa Tenggara	93.82	-	-
Generation Project	1,025.06	89.62	80.15
Indonesia	62,832.70	58,506.19	41,670.85

*) PLN's Power Plant, Rented and IPP

Annual Data 2019

Table 2 : Energy Balance

PLN Operational Unit/Province	Purchase from Outside PLN	Project (GWh) *)	Received from Other Unit (GWh)	Own Production*) (GWh)	Rental (GWh)	Own Use Central		Netto Production (GWh)	Own Use Substation Transformer	
						(GWh)	(%)		(GWh)	(%)
UIW Aceh	50.35	-	2,769.78	164.75	179.53	3.23	0.94	3,161.19	-	-
UIW North Sumatera	451.74	3.79	11,979.09	13.90	39.07	0.05	0.10	12,487.54	-	-
UIW West Sumatera	123.72	-	3,568.85	18.01	-	0.65	3.62	3,709.92	-	-
UIW Riau and Riau Archipelago	88.78	-	4,888.78	574.06	573.33	21.81	1.90	6,103.14	0.64	0.01
UIW South Sumatera, Jambi and Bengkulu	801.95	-	8,741.68	14.49	111.39	-	-	9,669.50	-	-
UIW Bangka Belitung	226.98	-	-	819.81	244.78	72.67	6.83	1,218.90	1.11	0.09
UID Lampung	67.88	-	5,322.27	0.49	-	-	0.16	5,390.63	-	-
UIW West Kalimantan	51.48	1.06	2,336.44	208.42	300.21	9.64	1.90	2,887.96	-	-
UIKL Central Kalimantan	4,639.15	79.04	291.49	5,636.98	31.05	543.94	9.60	10,133.77	7.23	0.07
UIW South and Central Kalimantan	223.40	-	3,986.59	230.75	107.62	7.33	2.17	4,541.02	-	-
UIW East and North Kalimantan	228.48	14.65	3,559.91	408.16	301.37	10.97	1.55	4,501.60	-	-
UIW N, C Sulawesi, and Gorontalo	113.55	-	3,169.95	239.79	374.84	9.43	1.53	3,888.70	-	-
UIW S, SE and W Sulawesi	272.51	-	7,512.85	94.50	11.28	0.51	0.48	7,890.62	-	-
UIKL Sulawesi	6,578.66	134.61	35.91	4,054.41	424.70	310.65	6.94	10,917.64	7.50	0.07
UIW Maluku and North Maluku	345.83	-	-	521.80	334.35	21.43	2.50	1,180.55	2.37	0.20
UIW Papua and West Papua	412.91	5.10	-	794.09	591.29	12.41	0.90	1,790.97	0.41	0.02
UID Bali	8.72	-	5,959.72	0.24	-	0.04	16.16	5,968.64	-	-
UIW West Nusa Tenggara	569.09	66.13	-	1,017.39	534.08	102.52	6.61	2,084.18	1.20	0.06
UIW East Nusa Tenggara	378.14	7.53	-	480.44	277.02	53.05	7.00	1,090.07	0.80	0.07
PT PLN Batam	2,259.77	-	-	738.82	38.95	23.83	3.06	3,013.70	1.38	0.05
UIK Northern Part of Sumatera	639.14	-	80.98	10,692.93	1,681.39	744.35	6.02	12,350.10	-	-
UIK Southern Part of Sumatera	538.60	-	107.28	9,839.94	869.81	730.40	6.82	10,625.23	-	-
UIP3B Sumatera	13,515.28	213.30	23,937.58	-	-	-	-	37,666.16	22.22	0.06
Outside Java	32,586.10	525.22	88,249.12	36,564.16	7,026.06	2,678.91	6.15	73,497.42	44.87	0.06
UID East Java	15.00	-	39,296.96	86.36	8.51	0.03	0.03	39,406.79	-	-
UID Central Java and Yogyakarta	74.58	-	29,442.29	-	-	-	-	29,516.87	-	-
UID West Java	232.03	-	54,465.80	-	-	-	-	54,697.83	-	-
UID Jakarta Raya	-	-	37,641.67	-	-	-	-	37,641.67	-	-
UID Banten	37.68	-	26,283.81	0.92	-	-	-	26,322.41	-	-
PJB Sulawesi	-	-	-	12.38	-	0.29	2.32	12.10	-	-
PT Indonesia Power	-	-	-9.11	39,061.34	51.52	1,577.41	4.03	37,526.34	-	-
PT PJB	-	-	-2.37	23,300.60	-	908.60	3.90	22,389.64	-	-
UIP2B	51,573.36	346.06	142,640.57	-	-	-	-	194,213.93	94.37	0.05
UIK Tanjung Jati B	-	-	11.63	21,716.38	-	1,337.98	6.16	20,390.03	-	-
UIK Western Part of Java	-	-	75.96	26,089.74	-	1,219.12	4.67	24,946.58	-	-
UIK Central Part of Java	-	-	80.26	24,794.22	-	1,381.54	5.57	23,492.94	-	-
UIK Eastern Part of Java, Bali and Nusra	-	-	57.19	14,831.12	-	807.05	5.44	14,081.26	-	-
Java	51,932.65	346.06	329,984.67	149,893.06	60.03	7,232.02	4.82	194,653.72	94.37	0.05
Indonesia	84,518.75	871.28	-	186,457.22	7,086.09	9,910.95	5.12	269,022.39	139.24	0.05

*) Production in Project using kWh Netto

**) Include Other Unit PLN

***) In Statistic Book of 2019 without kWh E-Min = 2,577.51 GWh and In Statistic Book of 2018 without kWh E-Min = 2,532.65 GWh

Transmission Losses		Send Other Unit**)	Send to Distribution (GWh)	Distr. Distribution		Own Use		Energy Losses		Energy Losses & Own Use		Energy Consumption ***)	
(GWh)	(%)			(GWh)	(%)	(GWh)	(%)	(GWh)	(%)	(GWh)	(%)	(GWh)	(%)
-	-	107.87	3,053.31	33.05	-	267.70	8.77	267.70	8.47	300.75	9.51	2,752.56	87.07
-	-	475.97	12,011.57	93.02	-	1,144.17	9.53	1,144.17	9.16	1,237.19	9.91	10,774.38	86.28
-	-	44.64	3,665.28	1.96	-	247.77	6.76	247.77	6.68	249.73	6.73	3,415.55	92.07
5.49	0.09	44.87	6,052.13	16.99	-	559.47	9.24	564.96	9.26	581.95	9.54	5,475.67	89.72
-	-	649.01	9,020.49	9.10	-	976.11	10.82	976.11	10.09	985.21	10.19	8,035.28	83.10
10.01	0.82	-	1,207.77	-	-	50.93	4.22	60.94	5.00	60.94	5.00	1,156.85	94.91
-	-	53.08	5,337.54	80.42	-	607.19	11.38	607.19	11.26	687.61	12.76	4,649.93	86.26
-	-	7.28	2,880.68	19.93	-	319.59	11.09	319.59	11.07	339.52	11.76	2,541.16	87.99
245.49	2.42	9,881.05	-	-	-	-	-	245.49	2.42	245.49	2.42	-	-
-	-	1.25	4,539.78	0.11	-	405.19	8.93	405.19	8.92	405.31	8.93	4,134.47	91.05
-	-	284.85	4,216.76	0.96	-	307.06	7.28	307.06	6.82	308.02	6.84	3,908.74	86.83
-	-	-	3,888.70	2.33	-	456.00	11.73	456.00	11.73	458.33	11.79	3,430.37	88.21
-	-	26.26	7,864.36	3.48	-	658.63	8.37	658.63	8.35	662.10	8.39	7,202.26	91.28
186.05	1.70	10,685.17	38.93	0.00	-	38.93	100.00	224.97	2.06	224.97	2.06	-	-
5.62	0.48	-	1,172.56	11.26	-	120.00	10.23	125.61	10.64	136.88	11.59	1,041.30	88.20
13.29	0.74	-	1,777.27	58.99	-	172.96	9.73	186.25	10.40	245.24	13.69	1,545.32	86.28
-	-	-	5,968.64	7.74	-	322.33	5.40	322.33	5.40	330.07	5.53	5,638.57	94.47
22.60	1.08	-	2,060.37	0.21	-	134.59	6.53	157.19	7.54	157.40	7.55	1,925.58	92.39
12.99	1.19	-	1,076.28	0.11	-	86.39	8.03	99.38	9.12	99.49	9.13	989.78	90.80
5.57	0.18	436.53	2,570.23	1.96	-	108.22	4.21	113.78	3.78	115.74	3.84	2,460.05	81.63
-	-	12,349.97	0.13	-	-	0.13	100.00	0.13	-	0.13	-	-	-
-	-	10,625.23	-	-	-	-	-	-	-	-	-	-	-
1,004.46	2.67	36,639.48	-	-	-	-	-	1,004.46	2.67	1,004.46	2.67	-	-
1,511.57	2.04	82,312.51	78,402.77	341.62	-	6,983.33	8.91	8,494.90	11.47	8,836.52	11.94	71,077.82	96.01
-	-	-	39,406.79	38.70	-	2,542.96	6.45	2,542.96	6.45	2,581.66	6.55	36,825.13	93.45
-	-	0.32	29,516.55	20.46	-	1,992.06	6.75	1,992.06	6.75	2,012.52	6.82	27,504.03	93.18
-	-	421.83	54,275.99	124.72	-	3,683.87	6.79	3,683.87	6.73	3,808.59	6.96	50,467.40	92.27
-	-	1,377.84	36,263.83	127.98	-	2,446.75	6.75	2,446.75	6.50	2,574.73	6.84	33,689.10	89.50
-	-	1,498.18	24,824.24	89.50	-	1,357.57	5.47	1,357.57	5.16	1,447.07	5.50	23,377.17	88.81
-	-	12.10	-	-	-	-	-	-	-	-	-	-	-
-	-	37,526.34	-	-	-	-	-	-	-	-	-	-	-
-	-	22,389.64	-	-	-	-	-	-	-	-	-	-	-
4,561.77	2.34	189,903.86	-	-	-	-	-	4,561.77	2.34	4,561.77	2.34	-	-
-	-	20,390.03	-	-	-	-	-	-	-	-	-	-	-
-	-	24,946.58	-	-	-	-	-	-	-	-	-	-	-
-	-	23,492.94	-	-	-	-	-	-	-	-	-	-	-
-	-	14,081.26	-	-	-	-	-	-	-	-	-	-	-
4,561.77	2.34	336,040.92	184,287.40	401.37	-	12,023.20	6.52	16,584.97	8.51	16,986.34	8.71	171,862.83	88.14
6,073.34	2.26	119.63	262,690.17	742.99	-	19,006.53	7.24	25,079.87	9.32	25,822.86	9.60	242,940.66	90.30

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Table 3 : Load Factor, Capacity Factor and Demand Factor

2019

PLN Operational Unit/ Province	Load Factor (%)	Capacity Factor (%)	Demand Factor (%)
UIW Aceh	29.45	19.58	11.30
UIW North Sumatera	68.19	47.81	1.75
UIW West Sumatera	47.08	20.96	2.21
UIW Riau and Riau Archipelago	65.35	30.62	7.91
UIW South Sumatera, Jambi, and Bengkulu	66.53	33.55	3.87
UIW Bangka Belitung	58.06	41.43	38.41
UID Lampung	28.65	18.86	1.14
UIW West Kalimantan	52.49	30.20	9.18
UIW South and Central Kalimantan	61.26	30.65	5.30
UIW East and North Kalimantan	67.97	28.18	8.71
UIW N, C Sulawesi and Gorontalo	47.98	22.68	9.84
UIW S, SE and W Sulawesi	51.00	29.32	2.20
UIW Maluku and North Maluku	65.15	25.24	33.29
UIW Papua and West Papua	53.30	33.72	40.73
UID Bali	57.16	11.82	0.06
UIW West Nusa Tenggara	48.72	41.50	38.44
UIW East Nusa Tenggara	57.19	27.79	27.17
PT PLN Batam	64.65	50.87	45.19
UIK Northern Part of Sumatera	57.81	34.91	-
UIK Southern Part of Sumatera	60.49	42.71	-
UIP3B Sumatera	59.12	50.21	-
UIKL Kalimantan	63.79	44.02	-
UIKL Sulawesi	53.85	44.69	-
Outside Java	58.29	40.18	41.20
UID East Java	52.12	18.59	0.15
UID Central Java and Yogyakarta	42.72	32.15	0.16
UID West Java	45.40	25.78	0.28
UID Banten	30.43	29.89	0.16
UID Jakarta Raya	-	-	-
PT Indonesia Power	59.61	49.52	-
PT PJB	42.52	37.88	-
PJB Sulawesi	2.73	2.08	-
UIP2B	-	61.10	-
UIK Tanjung Jati B	93.81	87.29	-
UIK Western Part of Java	64.64	56.01	-
UIK Central Part of Java	83.05	79.24	-
UIK Eastern Part of Java, Bali and Nusa Tenggara	81.22	67.97	-
Java	86.45	57.37	35.92
UIP Generation of Sumatera	-	-	-
UIP Western Part of Kalimantan	-	6.67	-
UIP Central Part of Kalimantan	-	-	-
UIP Eastern Part of Kalimantan	-	10.51	-
UIP Western Part of Java	-	5.88	-
UIP Central Part of Java I	-	-	-
UIP Eastern Part of Java and Bali II	-	-	-
UIP Southern Part of Sulawesi	6.93	6.92	-
UIP Northern Part of Sulawesi	16.59	16.59	-
UIP Nusa Tenggara	-	9.66	-
Generation Project	115.80	9.28	-
Indonesia	76.41	50.68	37.72

Table 4 : Number of Customers by Type of Customers**2019**

PLN Operational Unit/ Province	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	(%)
UIW Aceh	1,303,772	3,236	126,752	46,098	11,424	2,086	1,493,368	1.97
UIW North Sumatera	3,560,516	4,401	142,679	70,347	10,460	16,710	3,805,113	5.03
UIW West Sumatera	1,239,902	516	131,781	35,352	6,337	3,563	1,417,451	1.87
UIW Riau and Riau Archipelago	1,794,343	443	160,707	37,535	8,234	4,489	2,005,751	2.65
- Riau	1,558,844	343	133,831	32,641	6,075	3,491	1,735,225	2.29
- Riau Archipelago	235,499	100	26,876	4,894	2,159	998	270,526	0.36
UIW South Sumatera, Jambi and Bengkulu	3,353,150	1,386	127,072	66,915	14,280	9,908	3,572,711	4.72
- South Sumatera	1,952,700	740	60,558	36,122	6,762	5,739	2,062,621	2.72
- Jambi	878,535	502	48,359	19,747	4,459	3,174	954,776	1.26
- Bengkulu	521,915	144	18,155	11,046	3,059	995	555,314	0.73
UIW Bangka Belitung	431,692	524	27,531	7,732	2,918	1,789	472,186	0.62
UID Lampung	2,101,933	923	55,548	52,771	4,406	2,120	2,217,701	2.93
UIW West Kalimantan	1,085,364	554	71,843	24,244	5,007	3,306	1,190,318	1.57
UIW S and C Kalimantan	1,706,897	868	118,867	51,943	10,615	4,682	1,893,872	2.50
- South Kalimantan	1,142,557	651	57,443	35,520	5,696	3,310	1,245,177	1.64
- Central Kalimantan	564,340	217	61,424	16,423	4,919	1,372	648,695	0.86
UIW East and North Kalimantan	1,089,710	484	65,362	21,397	6,053	2,807	1,185,813	1.57
UIW N, C Sulawesi and Gorontalo	1,551,341	835	57,736	51,075	10,771	2,523	1,674,281	2.21
- North Sulawesi	646,300	439	26,424	15,156	4,184	1,036	693,539	0.92
- Gorontalo	263,606	138	8,557	6,824	2,113	464	281,702	0.37
- Central Sulawesi	641,435	258	22,755	29,095	4,474	1,023	699,040	0.92
UIW S, SE and W Sulawesi	2,941,794	2,790	133,875	57,004	16,587	4,914	3,156,964	4.17
- South Sulawesi	2,126,861	2,245	96,567	38,346	9,592	3,811	2,277,422	3.01
- Southeast Sulawesi	556,736	400	26,234	12,215	5,179	895	601,659	0.79
- West Sulawesi	258,197	145	11,074	6,443	1,816	208	277,883	0.37
UIW Maluku and North Maluku	576,204	113	28,581	14,455	5,401	831	625,585	0.83
- Maluku	245,857	68	15,740	5,680	2,177	303	269,825	0.36
- North Maluku	330,347	45	12,841	8,775	3,224	528	355,760	0.47
UIW Papua and West Papua	591,737	116	52,301	15,805	6,853	1,539	668,351	0.88
- Papua	389,405	83	36,445	10,264	3,882	801	440,880	0.58
- West Papua	202,332	33	15,856	5,541	2,971	738	227,471	0.30
UID Bali	1,212,223	1,231	204,569	38,543	4,298	5,886	1,466,750	1.94
UIK West Nusa Tenggara	1,427,162	428	38,733	26,692	4,436	2,713	1,500,164	1.98
UIK East Nusa Tenggara	758,498	216	32,421	17,915	6,713	680	816,443	1.08
PT PLN Batam	279,676	357	43,412	3,534	414	1,121	328,514	0.43
Outside Java	27,005,914	19,421	1,619,770	639,357	135,207	71,667	29,491,336	38.96
UID East Java	10,918,842	45,766	648,376	324,921	21,969	53,508	12,013,382	15.87
UID Central Java and Yogyakarta	10,768,909	11,674	494,479	296,551	26,948	53,560	11,652,121	15.39
- Central Java	9,616,510	10,936	432,979	265,949	23,575	43,789	10,393,738	13.73
- D.I. Yogyakarta	1,152,399	738	61,500	30,602	3,373	9,771	1,258,383	1.66
UID West Java	13,628,105	15,439	589,240	297,856	17,708	80,966	14,629,314	19.32
UID Banten	3,077,930	6,698	179,135	60,712	3,865	7,415	3,335,755	4.41
UID Jakarta Raya	4,220,177	5,924	298,553	43,529	6,250	9,273	4,583,706	6.05
Java	42,613,963	85,501	2,209,783	1,023,569	76,740	204,722	46,214,278	61.04
Indonesia	69,619,877	104,922	3,829,553	1,662,926	211,947	276,389	75,705,614	100.00
(%)	91.96	0.14	5.06	2.20	0.28	0.36	100	

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

2019

PLN Operational Unit/ Province	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	(%)
UIW Aceh	1,028.28	101.51	327.08	124.08	79.53	31.12	1,691.60	1.23
UIW North Sumatera	3,295.59	1,232.67	1,053.80	272.88	96.34	97.40	6,048.69	4.38
UIW West Sumatera	1,131.47	263.17	366.73	106.70	57.60	19.23	1,944.90	1.41
UIW Riau and Riau Archipelago	2,069.47	212.24	803.16	166.01	107.68	53.40	3,411.97	2.47
- Riau	1,755.78	189.59	639.78	139.52	78.54	46.89	2,850.10	2.06
- Riau Archipelago	313.69	22.66	163.38	26.50	29.13	6.51	561.87	0.41
UIW South Sumatera, Jambi and Bengkulu	3,339.21	545.86	854.97	212.59	133.21	52.56	5,138.41	3.72
- South Sumatera	1,900.32	409.67	541.81	131.27	76.50	32.09	3,091.66	2.24
- Jambi	969.17	89.89	234.33	52.75	34.96	14.36	1,395.46	1.01
- Bengkulu	469.72	46.30	78.83	28.58	21.74	6.12	651.29	0.47
UIW Bangka Belitung	488.54	105.53	155.38	43.45	27.53	6.03	826.46	0.60
UID Lampung	1,929.82	493.15	368.56	122.66	47.74	21.14	2,983.07	2.16
UIW West Kalimantan	1,030.14	113.10	354.34	84.91	57.66	19.31	1,659.46	1.20
UIW S and C Kalimantan	1,508.29	198.75	494.93	136.04	99.15	29.81	2,466.98	1.79
- South Kalimantan	973.96	145.91	322.81	92.28	55.42	21.66	1,612.04	1.17
- Central Kalimantan	534.33	52.85	172.12	43.77	43.73	8.15	854.94	0.62
UIW East and North Kalimantan	1,316.95	117.77	560.51	124.39	121.60	19.68	2,260.90	1.64
UIW N, C Sulawesi and Gorontalo	1,338.62	169.37	440.93	125.94	97.93	28.27	2,201.06	1.59
- North Sulawesi	587.01	120.39	269.17	57.18	34.46	10.03	1,078.24	0.78
- Gorontalo	208.39	17.59	53.41	17.40	25.37	4.11	326.27	0.24
- Central Sulawesi	543.23	31.38	118.35	51.36	38.10	14.13	796.55	0.58
UIW S, SE and W Sulawesi	2,875.96	602.71	881.32	251.94	148.85	55.14	4,815.92	3.49
- South Sulawesi	2,056.91	539.74	709.59	199.38	100.60	44.95	3,651.18	2.64
- Southeast Sulawesi	569.91	46.82	133.82	35.61	31.74	7.64	825.53	0.60
- West Sulawesi	249.14	16.14	37.91	16.95	16.50	2.55	339.20	0.25
UIW Maluku and North Maluku	533.20	9.32	149.04	44.82	48.89	5.58	790.86	0.57
- Maluku	238.20	4.83	90.63	25.90	26.86	2.24	388.66	0.28
- North Maluku	295.00	4.49	58.41	18.92	22.03	3.35	402.20	0.29
UIW Papua and West Papua	720.49	12.54	280.10	70.05	94.56	7.88	1,185.62	0.86
- Papua	479.22	4.89	187.52	43.39	58.76	5.57	779.35	0.56
- West Papua	241.27	7.65	92.58	26.66	35.80	2.31	406.27	0.29
UID Bali	1,770.78	103.93	1,608.67	147.77	77.87	32.70	3,741.72	2.71
UIW West Nusa Tenggara	1,168.02	78.89	254.59	63.96	35.17	14.94	1,615.56	1.17
UIW East Nusa Tenggara	730.13	29.02	173.17	61.66	43.59	5.09	1,042.66	0.76
PT PLN Batam	563.84	345.92	494.90	45.13	23.79	9.95	1,483.54	1.07
Outside Java	26,838.81	4,735.45	9,622.18	2,204.98	1,398.69	509.24	45,309.36	32.81
UID East Java	9,249.88	6,424.56	3,485.72	949.82	311.54	228.16	20,649.67	14.96
UID Central Java and Yogyakarta	8,529.41	3,204.73	2,611.81	919.43	264.55	188.42	15,718.34	11.38
- Central Java	7,415.36	3,083.99	2,146.83	745.18	209.75	164.58	13,765.70	9.97
- D.I. Yogyakarta	1,114.05	120.74	464.99	174.25	54.80	23.84	1,952.65	1.41
UID West Java	12,261.52	8,517.04	4,087.66	828.03	339.65	128.00	26,161.90	18.95
UID Banten	3,125.24	5,627.77	1,928.03	219.00	118.75	43.32	11,062.12	8.01
UID Jakarta Raya	7,872.65	1,924.37	7,445.05	872.19	927.33	133.55	19,175.15	13.89
Java	41,038.70	25,698.46	19,558.27	3,788.46	1,961.81	721.46	92,767.17	67.19
Indonesia	67,877.52	30,433.91	29,180.45	5,993.45	3,360.50	1,230.70	138,076.53	100.00
(%)	49.16	22.04	21.13	4.34	2.43	0.89	100.00	

Table 6 : Energy Sold by Type of Customers (GWh)**2019**

PLN Operational Unit/ Province	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	(%)
UIW Aceh	1,733.04	159.59	466.06	199.25	104.06	119.50	2,781.50	1.13
UIW North Sumatera	5,362.88	2,910.53	1,695.35	422.76	141.08	411.26	10,943.86	4.46
UIW West Sumatera	1,650.11	925.12	535.31	165.07	76.81	92.66	3,445.09	1.40
UIW Riau and Riau Archipelago	3,091.53	486.04	1,395.39	248.15	142.13	169.81	5,533.04	2.25
- Riau	2,635.80	447.31	1,098.76	213.52	103.04	148.36	4,646.79	1.89
- Riau Archipelago	455.73	38.73	296.62	34.63	39.09	21.45	886.25	0.36
UIW South Sumatera, Jambi and Bengkulu	4,829.39	1,195.37	1,445.64	309.42	183.18	178.54	8,141.54	3.32
- South Sumatera	2,923.60	969.99	925.91	195.82	106.07	132.67	5,254.05	2.14
- Jambi	1,236.10	151.43	386.29	75.82	46.76	35.60	1,932.01	0.79
- Bengkulu	669.68	73.95	133.43	37.77	30.36	10.28	955.48	0.39
UIW Bangka Belitung	689.04	185.66	204.76	43.87	34.42	9.18	1,166.93	0.48
UID Lampung	2,745.52	974.28	587.24	184.92	71.23	122.90	4,686.09	1.91
UIW West Kalimantan	1,588.66	183.33	567.38	107.99	78.52	46.81	2,572.69	1.05
UIW S and C Kalimantan	2,508.13	448.58	825.75	175.77	138.61	81.07	4,177.91	1.70
- South Kalimantan	1,659.40	358.77	543.08	120.92	77.20	59.79	2,819.15	1.15
- Central Kalimantan	848.73	89.82	282.67	54.85	61.41	21.29	1,358.76	0.55
UIW East and North Kalimantan	2,213.45	312.89	1,020.30	182.28	170.19	53.77	3,952.88	1.61
UIW N, C Sulawesi and Gorontalo	1,967.25	387.26	692.59	162.22	136.54	125.38	3,471.24	1.41
- North Sulawesi	854.68	320.89	437.20	75.78	47.65	44.97	1,781.17	0.73
- Gorontalo	347.89	30.13	91.77	27.17	36.99	9.90	543.84	0.22
- Central Sulawesi	764.68	36.25	163.62	59.26	51.90	70.52	1,146.23	0.47
UIW S, SE and W Sulawesi	3,830.19	1,327.55	1,442.76	330.46	219.82	161.97	7,312.75	2.98
- South Sulawesi	2,929.80	1,262.87	1,181.91	275.62	159.37	136.19	5,945.77	2.42
- Southeast Sulawesi	644.18	47.08	200.26	38.18	39.02	18.17	986.90	0.40
- West Sulawesi	256.21	17.59	60.59	16.66	21.43	7.60	380.08	0.15
UIW Maluku and North Maluku	667.80	15.96	226.30	49.53	80.04	17.01	1,056.64	0.43
- Maluku	302.09	9.99	132.53	24.21	42.64	7.67	519.13	0.21
- North Maluku	365.72	5.97	93.77	25.32	37.40	9.34	537.51	0.22
UIW Papua and West Papua	908.42	16.36	428.62	82.11	114.13	18.01	1,567.65	0.64
- Papua	612.36	7.64	296.33	54.80	74.92	11.60	1,057.66	0.43
- West Papua	296.06	8.72	132.29	27.31	39.21	6.42	509.99	0.21
UID Bali	2,344.57	202.88	2,800.13	164.97	123.24	70.94	5,706.72	2.32
UIW West Nusa Tenggara	1,227.49	132.18	411.93	77.96	42.22	58.35	1,950.14	0.79
UIW East Nusa Tenggara	596.52	48.35	237.44	57.59	44.95	14.64	999.50	0.41
PT PLN Batam	816.09	737.07	783.26	67.83	41.20	14.60	2,460.05	1.00
Outside Java	38,770.09	10,649.00	15,766.21	3,032.13	1,942.36	1,766.44	71,926.22	29.30
UID East Java	13,914.66	15,695.49	5,232.89	1,352.96	414.55	618.39	37,228.93	15.16
UID Central Java and Yogyakarta	13,067.48	8,532.00	3,974.04	1,312.65	350.67	549.93	27,786.77	11.32
- Central Java	11,475.07	8,269.00	3,187.26	1,046.12	282.44	490.73	24,750.62	10.08
- D.I. Yogyakarta	1,592.42	263.00	786.78	266.53	68.23	59.20	3,036.15	1.24
UID West Java	18,753.88	24,051.64	6,080.21	1,181.34	456.40	360.51	50,883.98	20.73
UID Banten	5,231.82	14,601.21	3,163.81	339.19	163.90	84.37	23,584.30	9.61
UID Jakarta Raya	13,995.50	4,349.33	12,684.09	1,403.57	1,422.42	253.07	34,107.98	13.89
Java	64,963.35	67,229.65	31,135.04	5,589.70	2,807.93	1,866.27	173,591.95	70.70
Indonesia	103,733.43	77,878.65	46,901.25	8,621.83	4,750.29	3,632.71	245,518.17	100.00
(%)	42.25	31.72	19.10	3.51	1.93	1.48	100.00	

Annual Data 2019

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

PLN Operational Unit/ Province	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	(%)
UIW Aceh	1,548,586.25	182,141.36	544,372.38	149,989.47	141,908.85	175,324.62	2,742,322.92	0.99
UIW North Sumatera	5,598,466.43	3,262,571.46	2,146,847.21	344,231.79	189,077.25	602,135.63	12,143,329.77	4.38
UIW West Sumatera	1,752,523.82	952,811.67	630,656.14	132,776.65	104,332.83	135,975.46	3,709,076.57	1.34
UIW Riau and Riau Archipelago	3,935,810.85	542,050.94	1,734,371.68	211,506.28	190,866.21	249,026.79	6,863,632.75	2.47
- Riau	3,315,506.31	498,505.05	1,358,508.09	182,268.81	138,351.93	217,502.72	5,710,642.91	2.06
- Riau Archipelago	620,304.54	43,545.89	375,863.59	29,237.47	52,514.28	31,524.06	1,152,989.84	0.42
UIW South Sumatera, Jambi and Bengkulu	5,482,432.73	1,327,589.90	1,873,959.83	250,426.29	246,745.77	263,006.92	9,444,161.42	3.40
- South Sumatera	3,254,652.96	1,070,164.20	1,210,097.89	162,003.50	141,606.33	195,527.40	6,034,052.28	2.17
- Jambi	1,521,020.41	171,798.71	494,074.60	58,888.32	63,459.72	52,397.69	2,361,639.45	0.85
- Bengkulu	706,759.36	85,626.98	169,787.34	29,534.47	41,679.71	15,081.83	1,048,469.69	0.38
UIW Bangka Belitung	873,565.23	220,025.00	264,863.88	38,526.52	47,229.06	13,490.20	1,457,699.90	0.53
UID Lampung	2,796,636.00	1,099,358.23	763,677.92	137,608.03	96,059.22	164,309.30	5,057,648.69	1.82
UIW West Kalimantan	1,696,667.38	206,761.21	710,130.63	87,119.49	106,007.45	68,692.88	2,875,379.04	1.04
UIW S and C Kalimantan	2,669,647.61	514,872.64	1,085,034.36	134,825.82	189,659.16	118,940.40	4,712,980.00	1.70
- South Kalimantan	1,706,072.28	411,348.09	754,245.32	92,430.18	106,041.95	87,709.20	3,157,847.02	1.14
- Central Kalimantan	963,575.33	103,524.55	330,789.04	42,395.64	83,617.21	31,231.21	1,555,132.98	0.56
UIW East and North Kalimantan	2,822,684.43	364,748.11	1,323,876.82	152,269.80	219,763.90	78,898.67	4,962,241.74	1.79
UIW N, C Sulawesi and Gorontalo	1,951,011.24	439,397.32	888,093.00	125,906.13	183,104.36	181,328.70	3,768,840.74	1.36
- North Sulawesi	858,813.70	362,072.40	559,975.67	60,650.13	64,131.44	65,978.29	1,971,621.64	0.71
- Gorontalo	322,135.78	34,297.32	120,455.01	20,793.73	48,916.73	14,308.93	560,907.50	0.20
- Central Sulawesi	770,061.76	43,027.60	207,662.31	44,462.27	70,056.19	101,041.48	1,236,311.60	0.45
UIW S, SE, and W Sulawesi	4,236,898.04	1,420,688.65	1,839,101.31	275,667.90	294,863.35	232,595.40	8,299,814.66	2.99
- South Sulawesi	3,220,135.18	1,347,395.35	1,504,235.43	230,811.50	213,791.52	194,778.53	6,711,147.51	2.42
- Southeast Sulawesi	728,455.49	53,504.65	258,704.40	31,567.05	52,468.37	26,673.57	1,151,373.53	0.41
- West Sulawesi	288,307.38	19,788.64	76,161.48	13,289.35	28,603.46	11,143.31	437,293.61	0.16
UIW Maluku and North Maluku	747,146.18	18,186.11	291,060.50	37,627.41	110,959.27	24,960.68	1,229,940.15	0.44
- Maluku	342,960.05	11,246.21	171,023.61	19,635.23	58,951.73	11,249.44	615,066.28	0.22
- North Maluku	404,186.13	6,939.90	120,036.89	17,992.18	52,007.54	13,711.24	614,873.88	0.22
UIW Papua and West Papua	1,191,796.51	18,668.31	543,980.71	68,947.34	150,310.17	26,431.96	2,000,135.01	0.72
- Papua	810,126.19	8,492.12	372,353.49	46,383.26	98,388.32	17,019.30	1,352,762.68	0.49
- West Papua	381,670.33	10,176.19	171,627.22	22,564.09	51,921.84	9,412.66	647,372.33	0.23
UID Bali	3,104,170.43	226,005.91	3,567,635.22	140,272.00	168,806.45	104,128.52	7,311,018.54	2.63
UIW West Nusa Tenggara	1,114,761.04	152,732.24	548,322.36	59,857.52	57,602.75	85,098.94	2,018,374.84	0.73
UIW East Nusa Tenggara	683,862.81	54,034.53	305,976.43	48,690.10	60,177.31	21,487.68	1,174,228.85	0.42
PT PLN Batam	1,170,560.63	915,372.01	1,219,255.84	73,881.08	76,870.52	31,016.87	3,486,956.94	1.26
Outside Java	43,377,227.61	11,918,015.60	20,281,216.23	2,470,129.60	2,634,343.87	2,576,849.62	83,257,782.53	30.00
UID East Java	13,751,276.70	17,093,426.98	6,673,659.70	1,076,608.82	543,538.20	907,684.18	40,046,194.58	14.43
UID Central Java and Yogyakarta	11,917,188.04	9,435,636.55	5,067,776.73	1,075,971.24	465,156.86	806,949.67	28,768,679.10	10.37
- Central Java	10,212,212.72	9,143,715.68	4,078,756.20	847,039.84	375,642.95	720,081.70	25,377,449.09	9.14
- D.I. Yogyakarta	1,704,975.32	291,920.88	989,020.53	228,931.40	89,513.91	86,867.97	3,391,230.01	1.22
UID West Java	19,549,450.44	26,738,378.00	7,675,673.64	962,753.73	580,676.68	529,694.39	56,036,626.87	20.19
UID Banten	5,900,093.26	15,713,055.77	4,055,162.65	285,135.54	210,591.63	123,044.49	26,287,083.34	9.47
UID Jakarta Raya	19,513,914.61	4,797,601.82	15,442,756.32	1,293,528.70	1,701,606.95	371,285.59	43,120,693.99	15.54
Java	70,631,923.06	73,778,099.11	38,915,029.04	4,693,998.03	3,501,570.31	2,738,658.32	194,259,277.88	70.00
Indonesia	114,009,150.67	85,696,114.71	59,196,245.28	7,164,127.64	6,135,914.18	5,315,507.93	277,517,060.40	100.00
(%)	41.08	30.88	21.33	2.58	2.21	1.92	100.00	-

Catatan: Data diambil dari Aplikasi Pengelolaan Pelanggan Terpusat (AP2T)

Table 8 : Average Energy Sold by Customers (kWh)**2019**

PLN Operational Unit/ Province	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total
UIW Aceh	1,329.25	49,315.65	3,676.98	4,322.36	9,108.53	57,288.24	1,862.57
UIW North Sumatera	1,506.21	661,332.70	11,882.27	6,009.57	13,487.99	24,611.83	2,876.09
UIW West Sumatera	1,330.84	1,792,874.97	4,062.15	4,669.34	12,120.71	26,006.59	2,430.48
UIW Riau and Riau Archipelago	1,722.93	1,097,153.26	8,682.80	6,611.04	17,261.17	37,828.41	2,758.59
- Riau	11,192.40	4,473,055.49	40,882.72	43,628.97	47,724.09	148,657.29	17,176.85
- Riau Archipelago	292.35	112,925.20	2,216.40	1,060.78	6,434.93	6,144.88	510.74
UIW South Sumatera, Jambi and Bengkulu	1,440.25	862,462.35	11,376.52	4,624.00	12,827.99	18,019.91	2,278.81
- South Sumatera	5,601.68	6,736,037.73	51,000.33	17,727.60	34,674.23	133,332.00	9,461.41
- Jambi	2,532.13	520,394.59	12,193.17	8,024.42	19,837.84	20,157.71	3,619.95
- Bengkulu	347.58	86,998.30	1,930.42	1,049.63	3,945.59	1,626.18	466.84
UIW Bangka Belitung	1,596.13	354,312.06	7,437.59	5,674.23	11,795.19	5,133.55	2,471.35
UID Lampung	1,306.19	1,055,555.00	10,571.80	3,504.13	16,165.60	57,973.85	2,113.04
UIW West Kalimantan	1,463.71	330,916.68	7,897.51	4,454.15	15,683.04	14,159.22	2,161.35
UIW S and C Kalimantan	1,469.41	516,802.23	6,946.81	3,383.91	13,057.62	17,315.95	2,206.02
- South Kalimantan	1,452.36	551,101.12	9,454.20	3,404.31	13,552.83	18,062.77	2,264.06
- Central Kalimantan	1,503.93	413,905.55	4,601.92	3,339.79	12,484.18	15,514.21	2,094.60
UIW East and North Kalimantan	2,031.22	646,469.63	15,609.97	8,519.05	28,115.88	19,156.49	3,333.47
UIW N, C Sulawesi and Gorontalo	1,268.10	463,784.13	11,995.86	3,176.03	12,676.19	49,696.51	2,073.27
- North Sulawesi	3,242.26	2,325,270.46	51,092.94	11,105.30	22,549.29	96,911.31	6,322.87
- Gorontalo	542.36	116,771.86	4,032.84	933.92	8,267.27	9,675.53	777.98
- Central Sulawesi	1,183.16	82,563.28	6,192.23	3,910.06	12,404.59	68,068.91	1,652.72
UIW S, SE and W Sulawesi	1,301.99	475,823.18	10,776.89	5,797.16	13,252.77	32,959.95	2,316.39
- South Sulawesi	11,347.16	8,709,480.50	106,728.00	42,777.50	87,760.48	654,782.33	21,396.66
- Southeast Sulawesi	302.88	20,972.44	2,073.80	995.71	4,067.89	4,768.93	433.34
- West Sulawesi	460.20	43,972.20	2,309.59	1,364.26	4,138.16	8,487.23	631.72
UIW Maluku and North Maluku	1,158.97	141,238.19	7,917.90	3,426.39	14,818.78	20,470.82	1,689.04
- Maluku	1,415.53	149,154.91	9,506.50	4,998.07	23,452.60	27,577.44	2,215.10
- North Maluku	1,330.41	180,804.15	8,672.09	3,473.42	14,586.35	21,046.68	1,815.73
UIW Papua and West Papua	1,535.18	141,042.84	8,195.18	5,195.21	16,653.90	11,703.35	2,345.55
- Papua	1,836.31	103,291.92	11,090.57	6,237.65	22,566.88	15,040.67	2,834.45
- West Papua	1,463.24	264,162.64	8,343.03	4,928.03	13,196.61	8,692.54	2,242.02
UID Bali	1,934.11	164,810.45	13,687.94	4,280.10	28,673.71	12,051.77	3,890.73
UIW West Nusa Tenggara	860.09	308,835.66	10,635.12	2,920.62	9,518.63	21,508.07	1,299.95
UIW East Nusa Tenggara	786.46	223,828.30	7,323.72	3,214.55	6,695.93	21,536.33	1,224.21
PT PLN Batam	2,917.98	2,064,630.64	18,042.42	19,194.74	99,504.93	13,028.42	7,488.43
Outside Java	1,435.61	548,323.98	9,733.61	4,742.47	14,365.82	24,647.89	2,438.89
UID East Java	1,274.37	342,950.80	8,070.76	4,163.96	18,869.67	11,556.91	3,098.95
UID Central Java and Yogyakarta	1,213.45	730,854.53	8,036.83	4,426.38	13,012.80	10,267.64	2,384.70
- Central Java	9,957.55	11,204,607.02	51,825.44	34,184.58	83,735.87	50,223.27	19,668.59
- D.I. Yogyakarta	176.58	25,395.50	1,917.84	1,061.85	3,160.45	1,404.68	311.29
UID West Java	1,376.12	1,557,849.70	10,318.73	3,966.13	25,773.49	4,452.61	3,478.22
UID Banten	1,699.79	2,179,935.07	17,661.61	5,586.83	42,405.80	11,378.31	7,070.15
UID Jakarta Raya	3,316.33	734,187.42	42,485.23	32,244.57	227,587.43	27,290.91	7,441.14
Java	1,524.46	786,302.50	14,089.64	5,460.99	36,590.17	9,116.12	3,756.24
Indonesia	1,490.00	742,252.82	12,247.19	5,184.73	22,412.63	13,143.47	3,243.06

Annual Data 2019

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

2019

PLN Operational Unit/ Province	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total
UIW Aceh	893.57	1,141.31	1,168.03	752.77	1,363.72	1,467.15	985.92
UIW North Sumatera	1,043.93	1,120.95	1,266.32	814.25	1,340.21	1,464.12	1,109.60
UIW West Sumatera	1,062.06	1,029.93	1,178.11	804.37	1,358.32	1,467.47	1,076.63
UIW Riau and Riau Archipelago	1,273.09	1,115.24	1,242.93	852.33	1,342.90	1,466.50	1,240.48
- Riau	1,257.87	1,114.45	1,236.40	853.64	1,342.70	1,466.05	1,228.94
- Riau Archipelago	1,361.12	1,124.35	1,267.16	844.28	1,343.42	1,469.65	1,300.98
UIW South Sumatera, Jambi and Bengkulu	1,135.22	1,110.61	1,296.28	809.34	1,347.01	1,473.10	1,160.00
- South Sumatera	1,113.23	1,103.27	1,306.93	827.31	1,335.03	1,473.79	1,148.46
- Jambi	1,230.50	1,134.51	1,279.03	776.69	1,357.14	1,471.85	1,222.37
- Bengkulu	1,055.37	1,157.90	1,272.48	781.96	1,372.85	1,467.10	1,097.32
UIW Bangka Belitung	1,267.80	1,185.10	1,293.53	878.20	1,372.14	1,469.52	1,249.18
UID Lampung	1,018.62	1,128.38	1,300.45	744.15	1,348.58	1,336.93	1,079.29
UIW West Kalimantan	1,067.99	1,127.81	1,251.60	806.74	1,350.07	1,467.48	1,117.65
UIW S and C Kalimantan	1,064.40	1,147.78	1,314.00	767.06	1,368.29	1,467.13	1,128.07
- South Kalimantan	1,028.13	1,146.55	1,388.83	764.39	1,373.60	1,466.95	1,120.14
- Central Kalimantan	1,135.31	1,152.58	1,170.23	772.94	1,361.62	1,466.94	1,144.52
UIW East and North Kalimantan	1,275.24	1,165.74	1,297.54	835.36	1,291.29	1,467.34	1,255.35
UIW N, C Sulawesi and Gorontalo	991.75	1,134.63	1,282.28	776.14	1,341.03	1,446.23	1,085.73
- North Sulawesi	1,004.84	1,128.34	1,280.82	800.34	1,345.89	1,467.16	1,106.93
- Gorontalo	925.97	1,138.31	1,312.58	765.32	1,322.43	1,445.35	1,031.38
- Central Sulawesi	1,007.04	1,186.97	1,269.17	750.29	1,349.83	1,432.81	1,078.59
UIW S, SE and W Sulawesi	1,106.18	1,070.16	1,274.71	834.19	1,341.39	1,436.04	1,134.98
- South Sulawesi	1,099.10	1,066.93	1,272.72	837.43	1,341.48	1,430.20	1,128.73
- Southeast Sulawesi	1,130.83	1,136.46	1,291.84	826.80	1,344.65	1,468.00	1,166.66
- West Sulawesi	1,125.28	1,124.99	1,257.00	797.68	1,334.74	1,466.23	1,150.53
UIW Maluku and North Maluku	1,118.82	1,139.48	1,286.17	759.69	1,386.30	1,467.41	1,164.01
- Maluku	1,135.29	1,125.75	1,290.45	811.04	1,382.55	1,466.68	1,184.80
- North Maluku	1,105.18	1,162.46	1,280.12	710.59	1,390.58	1,468.01	1,143.93
UIW Papua and West Papua	1,311.94	1,141.09	1,269.14	839.69	1,317.01	1,467.63	1,275.88
- Papua	1,322.96	1,111.53	1,256.55	846.41	1,313.25	1,467.18	1,279.01
- West Papua	1,289.17	1,166.99	1,297.36	826.22	1,324.20	1,466.15	1,269.38
UID Bali	1,323.98	1,113.99	1,274.10	850.29	1,369.74	1,467.84	1,281.12
UIW West Nusa Tenggara	908.16	1,155.49	1,331.11	767.80	1,364.35	1,458.42	1,034.99
UIW East Nusa Tenggara	1,146.42	1,117.57	1,288.65	845.46	1,338.76	1,467.74	1,174.82
PT PLN Batam	1,434.35	1,241.91	1,556.64	1,089.21	1,865.79	2,124.44	1,417.43
Out s i d e Java	1,118.83	1,119.17	1,286.37	814.65	1,356.26	1,458.78	1,157.54
UID East Java	988.26	1,089.07	1,275.33	795.74	1,311.15	1,467.82	1,075.67
UID Central Java and Yogyakarta	911.97	1,105.91	1,275.22	819.69	1,326.48	1,467.37	1,035.34
- Central Java	889.95	1,105.78	1,279.71	809.70	1,329.99	1,467.37	1,025.33
- D.I. Yogyakarta	1,070.68	1,109.97	1,257.05	858.93	1,311.94	1,467.36	1,116.95
UID West Java	1,042.42	1,111.71	1,262.40	814.97	1,272.30	1,469.29	1,101.26
UID Banten	1,127.73	1,076.15	1,281.73	840.64	1,284.88	1,458.39	1,114.60
UID Jakarta Raya	1,394.30	1,103.07	1,217.49	921.60	1,196.28	1,467.13	1,264.24
J a v a	1,087.26	1,097.40	1,249.88	839.76	1,247.03	1,467.45	1,119.06
I n d o n e s i a	1,099.06	1,100.38	1,262.15	830.93	1,291.69	1,463.23	1,130.33

Table 10 : Number of Customers by Type of Voltage**2019**

PLN Operational Unit/ Province	Voltage			Total	(%)
	Low	Medium	High		
UIW Aceh	1,492,915	453	-	1,493,368	1.97
UIW North Sumatera	3,797,666	7,444	3	3,805,113	5.03
UIW West Sumatera	1,416,449	1,000	2	1,417,451	1.87
UIW Riau and Riau Archipelago	2,003,907	1,844	-	2,005,751	2.65
- Riau	1,733,519	1,706	-	1,735,225	2.29
- Riau Archipelago	270,388	138	-	270,526	0.36
UIW South Sumatera, Jambi and Bengkulu	3,571,583	1,127	1	3,572,711	4.72
- South Sumatera	2,061,908	712	1	2,062,621	2.72
- Jambi	954,550	226	-	954,776	1.26
- Bengkulu	555,125	189	-	555,314	0.73
UIW Bangka Belitung	470,736	1,450	-	472,186	0.62
UID Lampung	2,216,961	740	-	2,217,701	2.93
UIW West Kalimantan	1,189,959	359	-	1,190,318	1.57
UIW S & C Kalimantan	1,893,409	463	-	1,893,872	2.50
- South Kalimantan	1,244,850	327	-	1,245,177	1.64
- Central Kalimantan	648,559	136	-	648,695	0.86
UIW East and North Kalimantan	1,185,253	560	-	1,185,813	1.57
UIW N, C Sulawesi and Gorontalo	1,673,603	677	1	1,674,281	2.21
- North Sulawesi	693,219	319	1	693,539	0.92
- Gorontalo	281,628	74	-	281,702	0.37
- Central Sulawesi	698,756	284	-	699,040	0.92
UIW S, SE and W Sulawesi	3,155,085	1,876	3	3,156,964	4.17
- South Sulawesi	2,275,828	1,591	3	2,277,422	3.01
- Southeast Sulawesi	601,484	175	-	601,659	0.79
- West Sulawesi	277,773	110	-	277,883	0.37
UIW Maluku and North Maluku	625,323	262	-	625,585	0.83
- Maluku	269,653	172	-	269,825	0.36
- North Maluku	355,670	90	-	355,760	0.47
UIW Papua and West Papua	668,102	249	-	668,351	0.88
- Papua	440,723	157	-	440,880	0.58
- West Papua	227,379	92	-	227,471	0.30
UID Bali	1,424,192	42,558	-	1,466,750	1.94
UIW West Nusa Tenggara	1,499,136	1,028	-	1,500,164	1.98
UIW East Nusa Tenggara	815,998	445	-	816,443	1.08
PT PLN Batam	325,914	2,600	-	328,514	0.43
Outside Java	29,426,191	65,135	10	29,491,336	38.96
UID East Java	12,008,543	4,814	25	12,013,382	15.87
UID Central Java and Yogyakarta	11,647,955	4,158	8	11,652,121	15.39
- Central Java	10,390,065	3,665	8	10,393,738	13.73
- D.I. Yogyakarta	1,257,890	493	-	1,258,383	1.66
UID West Java	14,622,297	6,989	28	14,629,314	19.32
UID Banten	3,328,934	6,797	24	3,335,755	4.41
UID Jakarta Raya	4,566,256	17,444	6	4,583,706	6.05
Java	46,173,985	40,202	91	46,214,278	61.04
Indonesia	75,600,176	105,337	101	75,705,614	100.00
(%)	99.86	0.14	-	100	

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

2019

PLN Operational Unit/ Province	Voltage			Total	(%)
	Low	Medium	High		
UIW Aceh	1,587.75	103.85	-	1,691.60	1.23
UIW North Sumatera	4,585.85	1,352.74	110.10	6,048.69	4.38
UIW West Sumatera	1,617.35	187.55	140.00	1,944.90	1.41
UIW Riau and Riau Archipelago	2,970.58	441.38	-	3,411.97	2.47
- Riau	2,481.86	368.25	-	2,850.10	2.06
- Riau Archipelago	488.73	73.14	-	561.87	0.41
UIW South Sumatera, Jambi and Bengkulu	4,352.88	740.52	45.00	5,138.40	3.72
- South Sumatera	2,482.51	564.15	45.00	3,091.66	2.24
- Jambi	1,278.05	117.41	-	1,395.46	1.01
- Bengkulu	592.33	58.97	-	651.29	0.47
UIW Bangka Belitung	700.07	126.38	-	826.46	0.60
UID Lampung	2,426.60	556.47	-	2,983.07	2.16
UIW West Kalimantan	1,489.91	169.55	-	1,659.46	1.20
UIW S and C Kalimantan	2,154.45	312.53	-	2,466.98	1.79
- South Kalimantan	1,377.09	234.95	-	1,612.04	1.17
- Central Kalimantan	777.36	77.58	-	854.94	0.62
UIW East and North Kalimantan	1,908.05	352.85	-	2,260.90	1.64
UIW N, C Sulawesi and Gorontalo	1,897.87	273.20	30.00	2,201.06	1.59
- North Sulawesi	861.63	186.62	30.00	1,078.24	0.78
- Gorontalo	294.59	31.68	-	326.27	0.24
- Central Sulawesi	741.65	54.90	-	796.55	0.58
UIW S, SE and W Sulawesi	4,059.59	594.08	162.25	4,815.92	3.49
- South Sulawesi	2,966.94	521.99	162.25	3,651.18	2.64
- Southeast Sulawesi	769.45	56.09	-	825.53	0.60
- West Sulawesi	323.20	16.00	-	339.20	0.25
UIW Maluku and North Maluku	743.42	47.44	-	790.86	0.57
- Maluku	353.19	35.47	-	388.66	0.28
- North Maluku	390.23	11.97	-	402.20	0.29
UIW Papua and West Papua	1,090.91	94.71	-	1,185.62	0.86
- Papua	720.67	58.69	-	779.35	0.56
- West Papua	370.25	36.02	-	406.27	0.29
UID Bali	3,036.91	704.80	-	3,741.72	2.71
UIW West Nusa Tenggara	1,490.06	125.50	-	1,615.56	1.17
UIW East Nusa Tenggara	971.16	71.50	-	1,042.66	0.76
PT PLN Batam	919.59	563.95	-	1,483.54	1.07
Outside Java	38,003.00	6,819.01	487.35	45,309.36	32.81
UID East Java	14,127.33	5,426.68	1,095.66	20,649.67	14.96
UID Central Java and Yogyakarta	12,168.01	3,210.84	339.50	15,718.34	11.38
- Central Java	10,553.91	2,872.29	339.50	13,765.70	9.97
- D.I. Yogyakarta	1,614.10	338.55	-	1,952.65	1.41
UID West Java	16,735.36	7,937.64	1,488.89	26,161.90	18.95
UID Banten	4,889.69	4,564.13	1,608.30	11,062.12	8.01
UID Jakarta Raya	11,748.86	7,038.14	388.14	19,175.15	13.89
Java	59,669.26	28,177.42	4,920.49	92,767.17	67.19
Indonesia	97,672.26	34,996.43	5,407.85	138,076.53	100.00
(%)	70.74	25.35	3.92	100.00	

Table 12 : Energy Sold by Type of Voltage (GWh)**2019**

PLN Operational Unit/ Province	Voltage			Total	(%)
	Low	Medium	High		
UIW Aceh	2,596.20	185.30	-	2,781.50	1.13
UIW North Sumatera	7,553.65	3,067.43	322.78	10,943.86	4.46
UIW West Sumatera	2,400.63	360.60	683.86	3,445.09	1.40
UIW Riau and Riau Archipelago	4,583.58	949.46	-	5,533.04	2.25
- Riau	3,854.51	792.27	-	4,646.79	1.89
- Riau Archipelago	729.07	157.18	-	886.25	0.36
UIW South Sumatera, Jambi and Bengkulu	6,439.17	1,542.90	159.47	8,141.54	3.32
- South Sumatera	3,872.39	1,222.19	159.47	5,254.05	2.14
- Jambi	1,710.07	221.94	-	1,932.01	0.79
- Bengkulu	856.72	98.76	-	955.48	0.39
UIW Bangka Belitung	951.53	215.40	-	1,166.93	0.48
UID Lampung	3,613.05	1,073.04	-	4,686.09	1.91
UIW West Kalimantan	2,278.31	294.38	-	2,572.69	1.05
UIW S and C Kalimantan	3,511.33	666.58	-	4,177.91	1.70
- South Kalimantan	2,283.49	535.66	-	2,819.15	1.15
- Central Kalimantan	1,227.84	130.92	-	1,358.76	0.55
UIW East and North Kalimantan	3,153.48	799.40	-	3,952.88	1.61
UIW N, C Sulawesi and Gorontalo	2,839.90	515.44	115.90	3,471.24	1.41
- North Sulawesi	1,276.19	389.08	115.90	1,781.17	0.73
- Gorontalo	487.49	56.35	-	543.84	0.22
- Central Sulawesi	1,076.22	70.01	-	1,146.23	0.47
UIW S, SE and W Sulawesi	5,646.26	1,007.51	658.98	7,312.75	2.98
- South Sulawesi	4,374.15	912.63	658.98	5,945.77	2.42
- Southeast Sulawesi	910.85	76.05	-	986.90	0.40
- West Sulawesi	361.26	18.82	-	380.08	0.15
UIW Maluku and North Maluku	996.40	60.24	-	1,056.64	0.43
- Maluku	477.94	41.19	-	519.13	0.21
- North Maluku	518.46	19.05	-	537.51	0.22
UIW Papua and West Papua	1,435.56	132.09	-	1,567.65	0.64
- Papua	967.72	89.93	-	1,057.66	0.43
- West Papua	467.84	42.15	-	509.99	0.21
UID Bali	4,209.75	1,496.97	-	5,706.72	2.32
UIW West Nusa Tenggara	1,703.26	246.88	-	1,950.14	0.79
UIW East Nusa Tenggara	881.79	117.80	-	999.50	0.41
PT PLN Batam	1,331.35	1,128.70	-	2,460.05	1.00
Outside Java	56,125.20	13,860.03	1,940.99	71,926.22	29.30
UID East Java	20,780.53	12,921.36	3,527.04	37,228.93	15.16
UID Central Java and Yogyakarta	18,403.75	8,459.28	923.74	27,786.77	11.32
- Central Java	16,058.76	7,768.13	923.74	24,750.62	10.08
- D.I. Yogyakarta	2,345.00	691.16	-	3,036.15	1.24
UID West Java	25,162.40	20,473.92	5,247.66	50,883.98	20.73
UID Banten	7,748.72	10,953.40	4,882.17	23,584.30	9.61
UID Jakarta Raya	19,471.70	13,633.78	1,002.50	34,107.98	13.89
Java	91,567.10	66,441.74	15,583.11	173,591.95	70.70
Indonesia	147,692.30	80,301.77	17,524.10	245,518.17	100.00
(%)	60.16	32.71	7.14	100.00	

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

2019

PLN Operational Unit/ Province	Voltage				Total	(%)
	Low	Medium	High	Multipurpose		
UIW Aceh	2,536,493.90	196,115.04	-	9,713.99	2,742,322.92	0.99
UIW North Sumatera	8,320,034.74	3,432,503.58	343,260.11	47,531.33	12,143,329.77	4.38
UIW West Sumatera	2,623,712.36	390,036.50	678,769.34	16,558.37	3,709,076.57	1.34
UIW Riau and Riau Archipelago	5,787,655.69	1,045,495.40	-	30,481.65	6,863,632.75	2.47
- Riau	4,821,099.89	862,176.74	-	27,366.28	5,710,642.91	2.06
- Riau Archipelago	966,555.80	183,318.67	-	3,115.37	1,152,989.84	0.42
UIW South Sumatera, Jambi and Bengkulu	7,508,326.29	1,732,411.31	158,950.58	44,473.00	9,444,161.42	3.40
- South Sumatera	4,468,475.88	1,384,820.30	158,950.58	21,805.53	6,034,052.28	2.17
- Jambi	2,104,068.86	244,352.46	-	13,218.13	2,361,639.45	0.85
- Bengkulu	935,781.55	103,238.55	-	9,449.59	1,048,469.69	0.38
UIW Bangka Belitung	1,200,755.69	245,150.53	-	11,793.67	1,457,699.90	0.53
UID Lampung	3,842,470.52	1,209,900.43	-	5,277.75	5,057,648.69	1.82
UIW West Kalimantan	2,536,589.93	320,175.14	-	18,613.97	2,875,379.04	1.04
UIW S and C Kalimantan	3,884,224.56	722,421.30	-	106,334.14	4,712,980.00	1.70
- South Kalimantan	2,479,148.28	579,253.25	-	99,445.49	3,157,847.02	1.14
- Central Kalimantan	1,405,076.28	143,168.05	-	6,888.65	1,555,132.98	0.56
UIW East and North Kalimantan	4,013,823.20	874,918.77	-	73,499.77	4,962,241.74	1.79
UIW N, C Sulawesi and Gorontalo	3,047,954.94	574,383.07	121,895.61	24,607.12	3,768,840.74	1.36
- North Sulawesi	1,396,442.79	446,890.22	121,895.61	6,393.01	1,971,621.64	0.71
- Gorontalo	495,651.50	55,302.36	-	9,953.65	560,907.50	0.20
- Central Sulawesi	1,155,860.65	72,190.50	-	8,260.45	1,236,311.60	0.45
UIW S, SE and W Sulawesi	6,484,936.87	1,085,154.61	670,864.75	58,858.42	8,299,814.66	2.99
- South Sulawesi	5,010,844.61	994,482.75	670,864.75	34,955.40	6,711,147.51	2.42
- Southeast Sulawesi	1,060,454.94	71,827.62	-	19,090.97	1,151,373.53	0.41
- West Sulawesi	413,637.31	18,844.24	-	4,812.05	437,293.61	0.16
UIW Maluku and North Maluku	1,159,615.53	64,050.93	-	6,273.69	1,229,940.15	0.44
- Maluku	567,260.42	43,464.09	-	4,341.77	615,066.28	0.22
- North Maluku	592,355.12	20,586.84	-	1,931.92	614,873.88	0.22
UIW Papua and West Papua	1,850,343.59	142,093.67	-	7,697.75	2,000,135.01	0.72
- Papua	1,251,732.22	96,310.45	-	4,720.01	1,352,762.68	0.49
- West Papua	598,611.38	45,783.21	-	2,977.75	647,372.33	0.23
UID Bali	5,587,317.40	1,608,582.51	-	115,118.63	7,311,018.53	2.63
UIW West Nusa Tenggara	1,721,988.09	225,843.89	-	70,542.86	2,018,374.84	0.73
UIW East Nusa Tenggara	1,039,419.56	118,641.18	-	16,168.11	1,174,228.85	0.42
PT PLN Batam	1,988,870.59	1,467,539.09	-	30,547.26	3,486,956.94	1.26
Outside Java	65,134,533.43	15,455,416.95	1,973,740.40	694,091.74	83,257,782.53	30.00
UID East Java	21,891,062.08	14,180,569.75	3,591,952.16	382,610.58	40,046,194.57	14.43
UID Central Java and Yogyakarta	18,390,159.01	9,313,359.20	946,520.30	118,640.59	28,768,679.10	10.37
- Central Java	15,749,453.12	8,567,855.15	946,520.30	113,620.52	25,377,449.09	9.14
- D.I. Yogyakarta	2,640,705.89	745,504.05	-	5,020.07	3,391,230.01	1.22
UID West Java	27,308,438.83	23,109,897.97	5,302,321.88	315,968.18	56,036,626.87	20.19
UID Banten	8,979,977.38	11,970,196.73	4,954,022.03	382,887.20	26,287,083.34	9.47
UID Jakarta Raya	26,719,470.35	14,898,425.40	1,058,310.66	444,487.58	43,120,693.99	15.54
Java	103,289,107.64	73,472,449.07	15,853,127.04	1,644,594.13	194,259,277.88	70.00
Indonesia	168,423,641.08	88,927,866.01	17,826,867.44	2,338,685.88	277,517,060.40	100
(%)	60.69	32.04	6.42	0.84	100.00	

Catatan: Data diambil dari Aplikasi Pengelolaan Pelanggan Terpusat (AP2T)

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

2019

Tariff Category	Customers	Connected (MVA)	Sold (MWh)	Revenue *) (thousand Rp)
S-1	555	0.04	0.64	99,737,200
S-2	1,660,884	4,319.89	5,619.82	4,400,203,535,910
S-3	2,042	1,673.56	3,002.01	2,763,924,099,070
R-1	68,126,394	59,375.48	91,934.43	96,720,127,132,730
R-2	1,235,564	5,106.90	7,430.39	10,884,062,803,480
R-3	257,364	3,395.09	4,367.96	6,404,860,998,910
B-1	3,103,985	5,471.23	7,607.89	7,372,136,280,190
B-2	638,170	12,877.75	18,459.81	27,143,923,124,280
B-3 **)	8,208	10,020.77	19,138.26	21,965,424,533,590
I-1	49,584	230.43	209.73	222,262,625,430
I-2	41,094	3,837.66	5,790.15	6,250,486,213,930
I-3	14,143	20,957.97	54,354.67	61,396,498,427,430
I-4	101	5,407.85	17,524.10	17,826,867,442,580
P-1	210,193	1,827.07	2,638.78	3,709,970,691,760
P-2	1,754	1,533.43	2,111.51	2,425,943,487,610
P-3	276,389	1,230.70	3,632.71	5,315,507,933,130
Traction T-1	69	320.70	301.27	256,536,929,780
Bulk C-1	24	29.08	96.61	119,538,533,975
Special Services	79,097	460.93	1,297.42	2,338,685,875,550
Total	75,705,614	138,076.54	245,518.17	277,517,060,406,535

*) Data diambil dari Aplikasi Pengelolaan Pelanggan Terpusat (AP2T)

**) Included B4 Customers

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Table 15 : Waiting List

2019

PLN Operational Unit/ Province	New Applicants		Connected		Discharging/Cancelled		Waiting	
	Total	Capacity (kVA)	Total	Capacity (kVA)	Total	Capacity (kVA)	Total	Capacity (kVA)
UIW Aceh	70,652	91,963.15	68,823	86,083.18	656	3,161.70	1,173	2,718.28
UIW North Sumatera	226,905	377,586.50	178,649	259,593.40	3,414	8,610.60	44,842	109,382.50
UIW West Sumatera	91,858	131,407.05	76,609	99,127.20	1,854	4,694.20	13,395	27,585.65
UIW Riau and Riau Archipelago	380,734	704,144,234.00	234,216	453,165,122.00	139,362	230,889,412.00	7,156	20,089,700.00
- Riau	346,856	639,937,834.00	217,467	420,576,022.00	122,613	200,046,712.00	6,776	19,315,100.00
- Riau Archipelago	33,878	64,206,400.00	16,749	32,589,100.00	16,749	30,842,700.00	380	774,600.00
UIW South Sumatera, Jambi & Bengkulu	100,752	170,973.15	4,812	5,439.40	673	853.50	95,267	164,680.25
- South Sumatera	56,447	66,422.50	-	-	247	317.35	56,200	66,105.15
- Jambi	29,280	87,608.35	1,924	2,197.20	385	479.25	26,971	84,931.90
- Bengkulu	15,025	16,942.30	2,888	3,242.20	41	56.90	12,096	13,643.20
UIW Bangka Belitung	16,392	22,475.85	19,009	24,790.25	4	4.40	-2,621	-2,318.80
UID Lampung	160,251	262,406.00	106,023	117,830.89	-	0.00	54,228	144,575.11
UIW West Kalimantan	69,412	206,383.12	56,276	76,737.30	2,220	3,703.60	10,916	125,942.22
UIW S and C Kalimantan	161,570	408,934.00	133,643	207,889.00	13,340	134,479.00	14,587	66,566.00
- South Kalimantan	108,403	254,772.00	86,093	142,653.00	9,803	49,752.00	12,507	62,367.00
- Central Kalimantan	53,167	154,162.00	47,550	65,236.00	3,537	84,727.00	2,080	4,199.00
UIW East and North Kalimantan	88,813	186,058,100.00	72,320	117,145,050.00	129	186,400.00	16,364	68,726,650.00
UIW N, C Sulawesi and Gorontalo	121,067	162,339.49	88,072	108,062.35	5,390	9,868.83	27,605	44,408.32
- North Sulawesi	30,309	50,470.10	22,073	31,469.65	3,985	5,362.33	4,251	13,638.11
- Gorontalo	13,507	18,040.50	12,743	16,449.80	1,189	4,309.85	-425	-2,719.15
- Central Sulawesi	77,251	93,828.90	53,256	60,142.90	216	196.65	23,779	33,489.35
UIW S, SE and W Sulawesi	235,850	1,140,705.00	181,663	241,091.00	1,735	2,392.00	52,452	897,221.68
- South Sulawesi	147,991	236,760.03	116,168	163,114.60	1,221	1,919.90	30,602	71,725.53
- South East Sulawesi	62,486	864,524.20	47,946	58,933.35	390	313.70	14,150	805,277.15
- West Sulawesi	25,373	39,420.30	17,549	19,043.30	124	158.00	7,700	20,219.00
UIW Maluku and North Maluku	49,011	72,111,750.00	43,672	56,162,050.00	8	111,650.00	5,331	15,838,050.00
- Maluku	18,193	36,282,800.00	15,863	25,108,050.00	4	3,950.00	2,326	11,170,800.00
- North Maluku	30,818	35,828,950.00	27,809	31,054,000.00	4	107,700.00	3,005	4,667,250.00
UIW Papua and West Papua	56,413	105,880.00	42,712	70,609.00	6,667	27,209.00	7,034	8,062.00
- Papua	36,498	66,535.00	26,818	41,669.00	4,318	17,645.00	5,362	7,221.00
- West Papua	19,915	39,346.00	15,894	28,940.00	2,349	9,564.00	1,672	842.00
UID Bali	185,985	208,763.00	178,246	192,118.00	3,765	6,855.00	3,974	9,790.00
UIW West Nusa Tenggara	103,786	133,848,346.00	102,747	131,602,696.00	1	2,200.00	1,038	2,243,450.00
UIW East Nusa Tenggara	86,842	250,484.20	71,817	162,974.30	1,802	4,590.60	13,223	82,919.30
PT PLN Batam	-	-	-	-	-	-	-	-
PT PLN Tarakan	-	-	-	-	-	-	-	-
Outside Java	2,206,293	1,099,702,730.04	1,659,309	759,727,263.52	181,020	231,396,084.03	365,964	108,579,382.51
UID East Java	668,245	357,568,750.30	518,258	260,869,324.37	26,559	13,316,293.55	123,428	83,383,132.38
UID Central Java and Yogyakarta	1,244,679	219,939,869.00	324,278	176,617,284.00	6,539	7,595,826.95	913,862	35,726,758.05
- Central Java	309,029	134,838,862.00	273,911	110,238,734.00	4,969	4,033,926.95	30,149	20,566,201.05
- D.I. Yogyakarta	935,650	85,101,007.00	50,367	66,378,550.00	1,570	3,561,900.00	883,713	15,160,557.00
UID West Java	711,023	2,468,051.20	577,499	821,193.80	11,173	77,137.20	122,351	1,569,720.20
UID Banten	162,274	522,828,850.00	116,699	278,459,050.00	8,142	114,755,000.00	37,433	129,614,800.00
UID Jakarta Raya	199,966	420,690.85	172,484	306,491.15	-	-	27,482	114,199.70
Java	2,986,187	1,103,226,211.35	1,709,218	717,073,343.32	52,413	135,744,257.70	1,224,556	250,408,610.33
Indonesia	5,192,480	2,202,928,941.39	3,368,527	1,476,800,606.84	233,433	367,140,341.73	1,590,520	358,987,992.84

Table 16 : SAIDI and SAIFI**2019**

PLN Operational Unit/ Province	SAIDI Hours/Customer	SAIFI Times/Customer
UIW Aceh	9.89	8.54
UIW North Sumatera	44.36	33.70
UIW West Sumatera	16.07	10.59
UIW Riau and Riau Archipelago	16.51	11.18
- Riau	-	-
- Riau Archipelago	-	-
UIW South Sumatera, Jambi and Bengkulu	40.34	19.60
- South Sumatera	-	-
- Jambi	-	-
- Bengkulu	-	-
UIW Bangka Belitung	6.61	6.70
UID Lampung	22.57	14.43
UIW West Kalimantan	29.08	39.38
UIW S and C Kalimantan	28.93	21.74
- South Kalimantan	-	-
- Central Kalimantan	-	-
UIW East and North Kalimantan	18.40	16.03
UIW N, C Sulawesi and Gorontalo	33.90	25.47
- North Sulawesi	-	-
- Gorontalo	-	-
- Central Sulawesi	-	-
UIW S, SE & W Sulawesi	25.31	15.33
- South Sulawesi	-	-
- Southeast Sulawesi	-	-
- West Sulawesi	-	-
UIW Maluku and North Maluku	10.05	7.65
- Maluku	-	-
- North Maluku	-	-
UIW Papua and West Papua	35.23	17.72
UID Bali	3.83	2.63
UIW West Nusa Tenggara	10.19	8.46
UIW East Nusa Tenggara	8.29	9.25
PT PLN Batam	6.98	9.29
Outside Java	26.36	18.61
UID East Java	4.59	3.13
UID Central Java and Yogyakarta	15.56	11.08
- Central Java	-	-
- D.I. Yogyakarta	-	-
UID West Java	25.15	10.80
UID Banten	12.76	3.10
UID Jakarta Raya	9.37	2.40
Java	14.59	7.34
Indonesia	18.95	11.51

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Table 17 : SOD and SOF

2019

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)
UIW Aceh	-	-	-	-	-
UIW North Sumatera	-	-	-	-	-
UIW West Sumatera	-	-	-	-	-
UIW Riau and Riau Archipelago	0.60	1	179.08	0.34	0.56
- Riau	-	-	-	-	-
- Riau Archipelago	0.60	1	179.08	0.34	0.56
UIW South Sumatera, Jambi and Bengkulu	-	-	-	-	-
- South Sumatera	-	-	-	-	-
- Jambi	-	-	-	-	-
- Bengkulu	-	-	-	-	-
UIW Bangka Belitung	1.60	20	625.07	0.26	3.20
UID Lampung	-	-	-	-	-
UIW West Kalimantan	-	-	1,502.83	-	-
UIW S and C Kalimantan	-	-	3,570.17	-	-
- South Kalimantan	-	-	1,849.92	-	-
- Central Kalimantan	-	-	1,720.25	-	-
UIW East and North Kalimantan	-	-	1,660.84	-	-
UIW N, C Sulawesi and Gorontalo	-	-	2,043.32	-	-
- North Sulawesi	-	-	1,139.66	-	-
- Gorontalo	-	-	329.78	-	-
- Central Sulawesi	-	-	573.88	-	-
UIW S, SE and W Sulawesi	-	-	4,552.28	-	-
- South Sulawesi	-	-	2,977.07	-	-
- Southeast Sulawesi	-	-	987.17	-	-
- West Sulawesi	-	-	588.03	-	-
UIW Maluku and North Maluku	-	-	91.40	-	-
- Maluku	-	-	91.40	-	-
- North Maluku	-	-	-	-	-
UIW Papua and West Papua	330.57	22	290.38	113.84	7.58
- Papua	330.57	22	239.64	137.94	9.18
- West Papua	-	-	50.74	-	-
UID Bali	-	-	-	-	-
UIW West Nusa Tenggara	14.09	5	1,093.09	1.29	0.46
UIW East Nusa Tenggara	3.48	12	1,164.76	0.30	1.03
PT PLN Batam	-	-	216.52	-	-
PT PLN Tarakan	-	-	-	-	-
UIK Northern Part of Sumatera	-	-	-	-	-
UIK Southern Part of Sumatera	-	-	-	-	-
UIP3B Sumatera	99.42	88	18,123.86	0.55	0.49
Outside Java	794.37	357	35,113.60	2.26	1.02
UID East Java	-	-	-	-	-
UID Central Java and Yogyakarta	-	-	-	-	-
- Central Java	-	-	-	-	-
- D.I. Yogyakarta	-	-	-	-	-
UID West Java	-	-	-	-	-
UID Banten	-	-	-	-	-
UID Jakarta Raya	-	-	-	-	-
PT Indonesia Power	-	-	-	-	-
PT PJB	-	-	-	-	-
UIT Western Part of Java	-	-	3,447.56	-	-
UIT Central Part of Java	-	-	12,241.09	-	-
UIT Eastern Part of Java and Bali	-	-	8,156.79	-	-
Java	-	-	23,845.44	-	-
Indonesia	794.37	357	58,959.04	1.35	0.61

SOD= System Outage Duration

SOF= System Outage Frequency

Table 18 : Number of Distribution Interruption per 100 kmc**2019**

PLN Operational Unit/ Province	Number of Interruption (Times)	Medium Voltage Lines Length (kmc)	Number of Interruption (Times/100 kmc)
UIW Aceh	160	15,926.88	1.00
UIW North Sumatera	6,966	29,250.02	23.82
UIW West Sumatera	2,577	11,989.69	21.49
UIW Riau and Riau Archipelago	3,257	15,696.15	20.75
- Riau	2,926	13,397.66	21.84
- Riau Archipelago	331	2,298.49	14.40
UIW South Sumatera, Jambi and Bengkulu	5,130	26,012.05	19.72
- South Sumatera	2,868	12,879.26	22.27
- Jambi	1,567	8,374.91	18.71
- Bengkulu	695	4,757.88	14.61
UIW Bangka Belitung	312	5,142.45	6.07
UID Lampung	4,540	13,897.90	32.67
UIW West Kalimantan	4,332	11,956.23	36.23
UIW S and C Kalimantan	4,784	15,225.96	31.42
- South Kalimantan	2,855	8,898.54	32.08
- Central Kalimantan	1,929	6,327.42	30.49
UIW East and North Kalimantan	2,944	7,992.11	36.84
UIW N, C Sulawesi and Gorontalo	6,232	14,895.30	41.84
- North Sulawesi	3,403	5,460.01	62.33
- Gorontalo	385	2,273.36	16.94
- Central Sulawesi	2,444	7,161.93	34.12
UIW S, SE and W Sulawesi	6,042	24,401.05	24.76
- South Sulawesi	4,583	15,735.85	29.12
- Southeast Sulawesi	1,080	5,614.76	19.24
- West Sulawesi	379	3,050.45	12.42
UIW Maluku and North Maluku	459	7,342.81	6.25
- Maluku	330	4,244.70	7.77
- North Maluku	129	3,098.11	4.16
UIW Papua and West Papua	340	6,068.28	5.60
- Papua	214	3,715.02	5.76
- West Papua	126	2,353.26	5.35
UID Bali	431	8,101.17	5.32
UIW West Nusa Tenggara	580	6,363.63	9.11
UIW East Nusa Tenggara	1,271	8,296.48	15.32
PT PLN Batam	254	-	-
PT PLN Tarakan	-	-	-
UIK Northern Part of Sumatera	-	-	-
UIK Southern Part of Sumatera	-	-	-
UIP3B Sumatera	-	-	-
Outside Java	50,611	228,558.16	22.14
UID East Java	2,926	39,521.94	7.40
UID Central Java and Yogyakarta	1,439	53,720.39	2.68
- Central Java	1,439	47,953.93	3.00
- D.I. Yogyakarta	-	5,766.47	-
UID West Java	3,103	47,124.80	6.58
UID Banten	472	15,112.43	3.12
UID Jakarta Raya	1,122	17,384.17	6.45
PT Indonesia Power	-	-	-
PT PJB	-	-	-
UIT Western Part of Java	-	-	-
UIT Central Part of Java	-	-	-
UIT Eastern Part of Java and Bali	-	-	-
Java	9,062	172,863.73	5.24
Indonesia	59,673	401,421.89	14.87

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Table 19 : Electrification Ratio and Energy Consumption per Capita

2019

PLN Operational Unit/ Province	Population (x1,000)	Residential (x1,000)	Residential Customers	Electrification *) (%)	kWh Sold/Capita
UIW Aceh	5,352.10	1,307.63	1,303,772	99.70	519.70
UIW North Sumatera	14,718.71	3,595.45	3,552,268	98.80	743.53
UIW West Sumatera	5,512.51	1,271.77	1,237,848	97.33	624.96
UIW Riau and Riau Archipelago	9,168.23	2,282.82	2,082,344	91.22	871.82
- Riau	6,892.93	1,752.34	1,567,169	89.43	674.14
- Riau Archipelago	2,275.30	530.48	515,175	97.12	1,470.71
UIW South Sumatera, Jambi and Bengkulu	14,117.02	3,513.11	3,352,877	95.44	576.72
- South Sumatera	8,548.84	2,050.28	1,959,637	95.58	614.59
- Jambi	3,585.15	934.27	871,324	93.26	538.89
- Bengkulu	1,983.03	528.56	521,916	98.74	481.83
UIW Bangka Belitung	1,460.43	431.80	431,692	99.98	799.03
UID Lampung	8,496.16	2,208.39	2,104,183	95.28	551.55
UIW West Kalimantan	5,075.25	1,206.55	1,085,364	89.96	506.91
UIW S and C Kalimantan	6,910.36	1,822.70	1,706,897	93.65	604.59
- South Kalimantan	4,242.39	1,155.72	1,140,948	98.72	664.52
- Central Kalimantan	2,667.97	666.98	565,949	84.85	509.29
UIW East Kalimantan and North	4,344.04	1,177.11	1,089,710	92.58	909.95
UIW N, C Sulawesi and Gorontalo	6,746.70	1,597.64	1,551,341	97.10	514.51
- North Sulawesi	2,503.53	655.20	646,347	98.65	711.46
- Gorontalo	1,181.31	271.21	263,455	97.14	460.37
- Central Sulawesi	3,061.86	671.23	641,539	95.58	374.36
UIW S, SE and W Sulawesi	12,906.24	3,192.06	2,941,794	92.16	566.61
- South Sulawesi	8,854.11	2,203.25	2,126,851	96.53	671.53
- Southeast Sulawesi	2,683.49	651.81	556,746	85.42	367.77
- West Sulawesi	1,368.64	337.01	258,197	76.61	277.71
UIW Maluku and North Maluku	3,021.74	671.94	576,204	85.75	349.68
- Maluku	1,777.78	382.31	332,898	87.08	292.01
- North Maluku	1,243.96	289.63	243,306	84.01	432.10
UIW Papua and West Papua	4,344.77	1,029.80	591,737	57.46	360.81
- Papua	3,370.01	791.45	389,406	49.20	313.84
- West Papua	974.76	238.35	202,331	84.89	523.20
UID Bali	4,388.17	1,223.34	1,212,223	99.09	1,300.48
UIW West Nusa Tenggara	5,189.05	1,465.40	1,427,162	97.39	375.82
UIW East Nusa Tenggara	5,475.16	1,351.33	758,498	56.13	182.55
Outside Java	117,226.61	29,348.83	27,005,914	92.02	613.57
UID East Java	39,850.33	11,281.47	10,920,337	96.80	934.22
UID Central Java and Yogyakarta	38,539.15	10,940.94	10,767,414	98.41	721.00
- Central Java	34,645.33	9,624.06	9,615,000	99.91	714.40
- D.I. Yogyakarta	3,893.82	1,316.88	1,152,414	87.51	779.74
UID West Java	49,293.52	14,399.01	14,184,861	98.51	1,032.27
UID Banten	12,804.48	3,793.82	3,792,240	99.96	1,841.88
UID Jakarta Raya	10,540.20	2,949.53	2,949,111	99.99	3,235.99
Java	151,027.68	43,364.77	42,613,963	98.27	1,149.40
Indonesia	268,254.29	72,713.60	69,619,877	95.75	915.24

*) Excluded no PLN Customer

Table 20 : Number of Generating Units *

2019

PLN Operational Unit/ Province	Hydro	Steam	Gas Tur- bine	Com- bined Cycle	Geo- ther- mal	Die- sel(**)	Diesel Gas	Sun	Wind	Bio- mass	Total	IPP	Ren- ted	Total
UIW Aceh	4	-	-	-	-	213	-	-	-	-	217	8	6	231
UIW North Sumatera	-	-	-	-	-	45	-	-	-	-	45	18	3	66
UIW West Sumatera	3	-	-	-	-	106	-	2	-	-	111	10	-	121
UIW Riau and Riau Archipelago	-	2	-	-	-	553	-	3	-	-	558	17	17	592
- Riau	-	-	-	-	-	272	-	-	-	-	272	15	13	300
- Riau Archipelago	-	2	-	-	-	281	-	3	-	-	286	2	4	292
UIW South Sumatera, Jambi and Bengkulu	2	-	-	-	-	180	-	-	-	-	182	25	5	212
- South Sumatera	-	-	-	-	-	48	-	-	-	-	48	13	-	61
- Jambi	-	-	-	-	-	61	-	-	-	-	61	7	1	69
- Bengkulu	2	-	-	-	-	71	-	-	-	-	73	5	4	82
UIW Bangka Belitung	-	4	-	-	-	104	-	4	-	-	112	8	19	139
UID Lampung	-	-	-	-	-	35	-	-	-	-	35	5	-	40
UIW West Kalimantan	6	-	-	-	-	246	-	3	-	-	255	6	13	274
UIW S and C Kalimantan	-	-	-	-	-	463	-	-	-	-	463	10	7	480
- South Kalimantan	-	-	-	-	-	129	-	-	-	-	129	3	3	135
- Central Kalimantan	-	-	-	-	-	334	-	-	-	-	334	7	4	345
UIW of East and North Kalimantan	-	-	-	-	-	315	2	2	-	-	319	9	89	417
UIW of N, C Sulawesi and Gorontalo	17	-	-	-	-	507	-	7	1	1	533	15	22	570
- North Sulawesi	6	-	-	-	-	158	-	6	1	-	171	1	5	177
- Gorontalo	2	-	-	-	-	21	-	1	-	1	25	4	-	29
- Central Sulawesi	9	-	-	-	-	328	-	-	-	-	337	10	17	364
UIW S, SE and W Sulawesi	1	-	-	-	-	238	-	9	-	-	248	14	6	268
- South Sulawesi	-	-	-	-	-	71	-	6	-	-	77	12	2	91
- Southeast Sulawesi	1	-	-	-	-	159	-	3	-	-	163	2	2	167
- West Sulawesi	-	-	-	-	-	8	-	-	-	-	8	-	2	10
UIW Maluku and North Maluku	-	2	-	-	-	700	12	13	-	-	727	1	39	767
- Maluku	-	2	-	-	-	321	12	8	-	-	343	1	28	372
- North Maluku	-	-	-	-	-	379	-	5	-	-	384	-	11	395
UIW Papua and West Papua	17	-	-	-	-	399	9	30	-	-	455	15	43	513
- Papua	11	-	-	-	-	204	3	22	-	-	240	1	18	259
- West Papua	6	-	-	-	-	195	6	8	-	-	215	14	25	254
UID Bali	-	-	-	-	-	8	-	-	3	-	11	5	-	16
UIW West Nusa Tenggara	4	4	-	-	-	150	13	7	-	-	178	13	20	211
UIW East Nusa Tenggara	14	4	-	-	5	463	7	9	1	-	503	11	23	537
PT PLN Batam	-	1	2	-	-	23	9	-	-	-	35	15	5	55
UIK Northern Part of Sumatera	20	16	10	6	-	45	31	-	-	-	128	3	14	145
UIK Southern Part of Sumatera	25	14	16	4	2	16	11	-	-	-	88	1	14	103
UIP3B	-	-	-	-	-	-	-	-	-	-	-	26	-	26
UIKL Kalimantan	3	18	6	3	-	128	22	-	-	-	180	18	21	219
UIKL Sulawesi	28	9	9	-	4	154	6	-	-	-	210	17	5	232
Outside Java	144	74	43	13	11	5,091	122	89	5	1	5,593	270	371	6,234
UID East Java	4	-	-	-	-	72	-	-	-	-	76	4	10	90
UID Central Java and Yogyakarta	3	-	-	-	-	-	-	-	-	-	3	21	-	24
- Central Java	2	-	-	-	-	-	-	-	-	-	2	20	-	22
- D.I. Yogyakarta	1	-	-	-	-	-	-	-	-	-	1	1	-	2
UID West Java	-	-	-	-	-	-	-	-	-	-	-	21	-	21
UID Banten	-	-	-	-	-	4	-	-	-	-	4	3	-	7
UID Jakarta Raya	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PT Indonesia Power	59	10	15	20	7	23	-	-	-	-	134	-	1	135
PT PJB	33	8	10	20	-	-	3	-	-	-	74	-	-	74
PJB Sulawesi	-	-	-	-	-	6	-	-	-	-	6	-	-	6
UIP2B	-	-	-	-	-	-	-	-	-	-	-	35	-	35
UIK Tanjung Jati B	-	4	-	-	-	-	-	-	-	-	4	-	-	4
UIK Western Part of Java	-	6	-	14	-	-	-	-	-	-	20	-	-	20
UIK Central Part of Java	-	9	-	2	-	-	-	-	-	-	11	-	-	11
UIK Eastern Part of Java, Bali and Nusra	-	5	-	3	-	-	-	-	-	-	8	-	-	8
Java	99	42	25	59	7	105	3	-	-	-	340	84	11	435
UIW Papua and West Papua	-	2	-	-	-	-	-	-	-	-	2	-	-	2
UIW East Nusa Tenggara	-	-	-	-	-	-	-	7	-	-	7	-	-	7
UIP Western Part of Kalimantan	-	5	-	-	-	-	-	-	-	-	5	-	-	5
UIP Eastern Part of Kalimantan	-	1	-	-	-	-	1	-	-	-	2	-	-	2
UIP Western Part of Java	-	1	-	1	-	-	-	-	-	-	2	-	-	2
UIP Southern Part of Sulawesi	-	1	-	-	-	4	-	-	-	-	5	-	-	5
UIP Northern Part of Sulawesi	-	3	-	-	-	-	-	-	-	-	3	-	-	3
UIP Nusa Tenggara	-	4	-	-	-	24	-	-	-	-	28	-	-	28
Generation Project	-	17	-	1	-	29	7	-	-	-	54	-	-	54
Indonesia	243	133	68	73	18	5,196	154	96	5	1	5,987	354	382	6,723

*) Generation own by PLN, Rental and IPP

Annual Data 2019

Table 21 : National Installed Capacity (MW)

2019

PLN Operational Unit/ Province	Hydro	Steam	Gas Turbined	Combined Cycle	Geo-thermal	Diesel*)	Diesel Gas	Sun	Wind	Bio-mass	Total	Rental	IPP	Total
UIW Aceh	2.42	-	-	-	-	144.21	-	-	-	-	146.63	48.00	35.50	230.13
UIW North Sumatera	-	-	-	-	-	4.11	-	-	-	-	4.11	-	116.40	120.51
UIW West Sumatera	0.66	-	-	-	-	35.76	-	0.19	-	-	36.61	-	40.58	77.19
UIW Riau and Riau Archipelago	-	14.00	-	-	-	286.31	-	0.80	-	-	301.11	91.82	68.00	460.93
- Riau	-	-	-	-	-	126.65	-	-	-	-	126.65	56.77	67.00	250.42
- Riau Archipelago	-	14.00	-	-	-	159.66	-	0.80	-	-	174.46	35.05	1.00	210.51
UIW South Sumatera, Jambi and Bengkulu	1.60	-	-	-	-	71.17	-	-	-	-	72.77	23.00	219.95	315.72
- South Sumatera	-	-	-	-	-	9.45	-	-	-	-	9.45	-	133.65	143.10
- Jambi	-	-	-	-	-	23.71	-	-	-	-	23.71	8.00	62.30	94.01
- Bengkulu	1.60	-	-	-	-	38.01	-	-	-	-	39.61	15.00	24.00	78.61
UIW Bangka Belitung	-	93.00	-	-	-	125.59	-	0.33	-	-	218.92	46.00	91.00	355.92
UID Lampung	-	-	-	-	-	4.39	-	-	-	-	4.39	-	37.00	41.39
UIW West Kalimantan	2.03	-	-	-	-	125.77	-	0.18	-	-	127.97	59.50	24.24	211.71
UIW S & C Kalimantan	-	-	-	-	-	155.46	-	-	-	-	155.46	17.10	36.65	209.21
- South Kalimantan	-	-	-	-	-	36.94	-	-	-	-	36.94	5.10	10.00	52.04
- Central Kalimantan	-	-	-	-	-	118.51	-	-	-	-	118.51	12.00	26.65	157.16
UIW East and North Kalimantan	-	-	-	-	-	160.02	12.00	0.43	-	-	172.45	157.73	49.81	379.99
UIW N, C Sulawesi and Gorontalo	15.40	-	-	-	-	254.74	-	1.02	0.08	0.50	271.74	62.00	32.75	366.49
- North Sulawesi	5.25	-	-	-	-	55.27	-	0.98	0.08	-	61.58	10.00	3.00	74.58
- Gorontalo	1.20	-	-	-	-	27.66	-	0.05	-	0.50	29.40	-	7.00	36.40
- Central Sulawesi	8.95	-	-	-	-	171.81	-	-	-	-	180.76	52.00	22.75	255.51
UIW S, SE and W Sulawesi	0.50	-	-	-	-	60.60	-	1.21	-	-	62.31	13.00	72.00	147.31
- South Sulawesi	-	-	-	-	-	8.84	-	0.79	-	-	9.63	3.00	53.00	65.63
- Southeast Sulawesi	0.50	-	-	-	-	49.00	-	0.42	-	-	49.91	5.00	19.00	73.91
- West Sulawesi	-	-	-	-	-	2.77	-	-	-	-	2.77	5.00	-	7.77
UIW Maluku and North Maluku	-	14.00	-	-	-	269.87	136.02	2.41	-	-	422.30	61.40	60.00	543.70
- Maluku	-	14.00	-	-	-	171.31	136.02	1.10	-	-	322.43	41.00	60.00	423.43
- North Maluku	-	-	-	-	-	98.56	-	1.31	-	-	99.87	20.40	-	120.27
UIW Papua and West Papua	29.79	-	-	-	-	192.64	82.08	3.99	-	-	308.50	134.93	143.06	586.49
- Papua	4.66	-	-	-	-	60.48	23.40	1.78	-	-	90.31	41.43	10.00	141.75
- West Papua	25.13	-	-	-	-	132.16	58.68	2.22	-	-	218.19	93.50	133.06	444.75
UID Bali	-	-	-	-	-	2.96	-	-	0.30	-	3.26	-	5.39	8.65
UIW West Nusa Tenggara	2.02	77.00	-	-	-	144.12	174.46	0.83	-	-	398.43	51.00	133.90	583.33
UIW East Nusa Tenggara	5.28	47.00	-	-	12.50	166.92	71.45	1.06	0.09	-	304.30	59.00	101.03	464.33
PT PLN Batam	-	40.00	93.40	-	-	111.07	26.25	-	-	-	270.72	10.29	400.60	681.61
UIK Northern Part of Sumatra	253.50	1,784.00	302.46	817.88	-	136.72	332.07	-	-	-	3,626.62	446.00	182.50	4,255.12
UIK Southern Part of Sumatra	608.42	1,109.00	352.87	160.00	110.00	111.36	104.72	-	-	-	2,556.36	350.16	100.00	3,006.52
UIP3B Sumatera	-	-	-	-	-	-	-	-	-	-	-	-	3,073.00	3,073.00
UIKL Kalimantan	30.00	762.00	255.00	60.00	-	387.59	219.16	-	-	-	1,713.75	127.90	831.50	2,673.15
UIKL Sulawesi	210.97	431.50	222.72	-	80.00	280.74	58.68	-	-	-	1,284.60	60.00	1,496.00	2,840.60
Outside Java	1,162.58	4,371.50	1,226.44	1,037.88	202.50	3,232.10	1,216.89	12.44	0.47	0.50	12,463.29	1,818.83	7,350.86	21,632.99
UID East Java	18.35	-	-	-	-	32.47	-	-	-	-	50.82	10.33	6.33	67.48
UID Central Java and Yogyakarta	0.66	-	-	-	-	-	-	-	-	-	0.66	-	25.83	26.48
- Central Java	0.48	-	-	-	-	-	-	-	-	-	0.48	-	25.23	25.70
- D.I. Yogyakarta	0.18	-	-	-	-	-	-	-	-	-	0.18	-	0.60	0.78
UID West Java	-	-	-	-	-	-	-	-	-	-	-	-	102.74	102.74
UID Banten	-	-	-	-	-	0.74	-	-	-	-	0.74	-	14.00	14.74
UID Jakarta Raya	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PT Indonesia Power	1,119.52	3,700.00	774.26	2,675.73	377.00	359.04	-	-	-	-	9,005.55	11.00	-	9,016.55
PT PJB	1,282.88	1,800.00	1,188.20	2,747.36	-	-	3.20	-	-	-	7,021.64	-	-	7,021.64
PJB Sulawesi	-	-	-	-	-	68.04	-	-	-	-	68.04	-	-	68.04
UIP2B	-	-	-	-	-	-	-	-	-	-	-	-	9,636.20	9,636.20
UIK Tanjung Jati B	-	2,840.00	-	-	-	-	-	-	-	-	-	2,840.00	-	2,840.00
UIK Western Part of Java	-	2,170.00	-	3,147.79	-	-	-	-	-	-	-	5,317.79	-	5,317.79
UIK Central Part of Java	-	3,330.00	-	242.00	-	-	-	-	-	-	-	3,572.00	-	3,572.00
UIK Eastern Part of Java, Bali and Nusra	-	1,990.00	-	501.00	-	-	-	-	-	-	-	2,491.00	-	2,491.00
Java	2,421.41	15,830.00	1,962.46	9,313.88	377.00	460.29	3.20	-	-	-	30,368.23	21.33	9,785.10	40,174.66
UIW Papua and West Papua	-	24.00	-	-	-	-	-	-	-	-	-	24.00	-	24.00
UIW East Nusa Tenggara	-	-	-	-	-	-	-	2.21	-	-	-	2.21	-	2.21
UIP Western Part of Kalimantan	-	137.00	-	-	-	-	-	-	-	-	-	137.00	-	137.00
UIP Eastern Part of Kalimantan	-	7.00	-	-	-	-	8.91	-	-	-	-	15.91	-	15.91
UIP Western Part of Java	-	315.00	-	357.00	-	-	-	-	-	-	-	672.00	-	672.00
UIP Southern Part of Sulawesi	-	10.00	-	-	-	-	39.12	-	-	-	-	49.12	-	49.12
UIP Northern Part of Sulawesi	-	31.00	-	-	-	-	-	-	-	-	-	31.00	-	31.00
UIP Nusa Tenggara	-	25.00	-	-	-	-	68.82	-	-	-	-	93.82	-	93.82
Generation Project*)	-	549.00	-	357.00	-	-	116.85	2.21	-	-	-	1,025.06	-	1,025.06
Indonesia	3,583.98	20,750.50	3,188.90	10,708.76	579.50	3,692.38	1,336.93	14.65	0.47	0.50	43,856.58	1,840.16	17,135.96	62,832.70

*) Including Projects in Commissioning Stage

Table 22 : Rated Capacity (MW)**2019**

PLN Operational Unit/ Province	Hydro	Steam	Gas Turbine	Combined Cycle	Geo- thermal	Diesel	Diesel Gas	Sun	Wind	Bio- mass	Total	Rental	IPP*)	Total
UIW Aceh	1.95	-	-	-	-	106.51	-	-	-	-	108.46	33.00	11.50	152.95
UIW North Sumatera	-	-	-	-	-	2.76	-	-	-	-	2.76	-	116.40	119.16
UIW West Sumatera	-	-	-	-	-	8.13	-	-	-	-	8.13	-	35.12	43.25
UIW Riau and Riau Archipelago	-	11.00	-	-	-	180.09	-	0.70	-	-	191.79	91.82	62.00	345.60
- Riau	-	-	-	-	-	77.78	-	-	-	-	77.78	56.77	61.00	195.55
- Riau Archipelago	-	11.00	-	-	-	102.31	-	0.70	-	-	114.01	35.05	1.00	150.06
UIW South Sumatera, Jambi and Bengkulu	0.50	-	-	-	-	11.06	-	-	-	-	11.56	20.00	154.05	185.61
- South Sumatera	-	-	-	-	-	-	-	-	-	-	-	-	109.65	109.65
- Jambi	-	-	-	-	-	4.14	-	-	-	-	4.14	8.00	20.70	32.84
- Bengkulu	0.50	-	-	-	-	6.92	-	-	-	-	7.42	12.00	23.70	43.12
UIW Bangka Belitung	-	72.00	-	-	-	80.42	-	0.10	-	-	152.52	43.00	91.00	286.52
UID Lampung	-	-	-	-	-	0.83	-	-	-	-	0.83	-	34.00	34.83
UIW West Kalimantan	1.64	-	-	-	-	89.35	-	0.10	-	-	91.09	59.50	23.24	173.83
UIW S and C Kalimantan	-	-	-	-	-	105.60	-	-	-	-	105.60	16.50	30.80	152.90
- South Kalimantan	-	-	-	-	-	25.07	-	-	-	-	25.07	5.10	10.00	40.17
- Central Kalimantan	-	-	-	-	-	80.53	-	-	-	-	80.53	11.40	20.80	112.73
UIW East and North Kalimantan	-	-	-	-	-	88.16	4.00	0.10	-	-	92.26	60.45	50.00	202.71
UIW N, C Sulawesi and Gorontalo	12.67	-	-	-	-	145.12	-	0.40	0.08	-	158.27	66.34	17.73	242.33
- North Sulawesi	4.70	-	-	-	-	29.40	-	0.38	0.08	-	34.56	9.86	3.00	47.42
- Gorontalo	1.10	-	-	-	-	15.60	-	0.02	-	-	16.72	-	2.50	19.22
- Central Sulawesi	6.87	-	-	-	-	100.12	-	-	-	-	106.99	56.48	12.23	175.70
UIW S, SE and W Sulawesi	0.42	-	-	-	-	37.06	-	0.85	-	-	38.34	-	64.50	102.84
- South Sulawesi	-	-	-	-	-	5.73	-	0.52	-	-	6.25	-	50.50	56.75
- Southeast Sulawesi	0.42	-	-	-	-	30.08	-	0.33	-	-	30.83	-	14.00	44.83
- West Sulawesi	-	-	-	-	-	1.26	-	-	-	-	1.26	-	-	1.26
UIW Maluku & North Maluku	-	12.60	-	-	-	103.18	114.80	0.08	-	-	230.66	45.00	60.00	335.66
- Maluku	-	12.60	-	-	-	62.13	114.80	-	-	-	189.53	28.00	60.00	277.53
- North Maluku	-	-	-	-	-	41.06	-	0.08	-	-	41.13	17.00	-	58.13
UIW Papua and West Papua	24.62	-	-	-	-	108.92	77.40	2.47	-	-	213.40	113.35	119.00	445.75
- Papua	3.27	-	-	-	-	33.93	23.40	1.20	-	-	61.80	37.75	10.00	109.55
- West Papua	21.35	-	-	-	-	74.99	54.00	1.27	-	-	151.61	75.60	109.00	336.21
UID Bali	-	-	-	-	-	1.48	-	-	-	-	1.48	-	4.06	5.54
UIK West Nusa Tenggara	1.93	65.26	-	-	-	101.93	171.53	0.83	-	-	341.48	134.00	133.90	609.38
UIK East Nusa Tenggara	4.62	36.51	-	-	9.90	58.20	62.66	0.71	-	-	172.60	31.85	99.10	303.55
PT PLN Batam	-	37.54	88.00	-	-	46.39	22.50	-	-	-	194.43	9.00	369.60	573.03
UIK Northern Part of Sumatra	243.61	1,257.40	172.71	559.00	-	64.29	286.74	-	-	-	2,583.75	363.00	182.50	3,129.25
UIK Southern Part of Sumatra	602.15	878.06	298.84	149.50	103.84	45.88	93.50	-	-	-	2,171.77	350.16	100.00	2,621.93
UIP3B Sumatera	-	-	-	-	-	-	-	-	-	-	-	-	2,607.89	2,607.89
UIKL Kalimantan	28.50	604.60	228.00	50.00	-	164.18	185.04	-	-	-	1,260.32	9.00	815.00	2,084.32
UIKL Sulawesi	203.01	387.50	164.00	-	80.00	163.77	58.68	-	-	-	1,056.96	60.00	1,336.00	2,452.96
Outside Java	1,125.61	3,362.48	951.55	758.50	193.74	1,713.30	1,076.84	6.33	0.08	-	9,188.43	1,505.96	6,517.39	17,211.77
UID East Java	18.35	-	-	-	-	24.90	-	-	-	-	43.25	3.48	6.33	53.06
UID Central Java and Yogyakarta	0.54	-	-	-	-	-	-	-	-	-	0.54	-	23.21	23.74
- Central Java	0.39	-	-	-	-	-	-	-	-	-	0.39	-	22.81	23.19
- D.I. Yogyakarta	0.15	-	-	-	-	-	-	-	-	-	0.15	-	0.40	0.55
UID West Java	-	-	-	-	-	-	-	-	-	-	-	-	102.74	102.74
UID Banten	-	-	-	-	-	0.69	-	-	-	-	0.69	-	14.00	14.69
UID Jakarta Raya	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PT Indonesia Power	1,113.76	3,321.60	622.04	2,361.23	356.60	336.99	-	-	-	-	8,112.21	10.00	-	8,122.21
PT PJB	1,216.55	1,564.00	1,145.00	2,424.00	-	-	3.00	-	-	-	6,352.55	-	-	6,352.55
PJB Sulawesi	-	-	-	-	-	62.20	-	-	-	-	62.20	-	-	62.20
UIP2B	-	-	-	-	-	-	-	-	-	-	-	-	13,403.00	13,403.00
UIK Tanjung Jati B	-	2,643.80	-	-	-	-	-	-	-	-	2,643.80	-	-	2,643.80
UIK Western Part of Java	-	1,990.00	-	2,932.80	-	-	-	-	-	-	4,922.80	-	-	4,922.80
UIK Central Part of Java	-	3,014.00	-	214.00	-	-	-	-	-	-	3,228.00	-	-	3,228.00
UIK Eastern Part of Java, Bali and Nusra	-	1,821.00	-	455.00	-	-	-	-	-	-	2,276.00	-	-	2,276.00
Java	2,349.19	14,354.40	1,767.04	8,387.03	356.60	424.78	3.00	-	-	-	27,642.04	13.48	13,549.28	41,204.80
UIW Papua and West Papua	-	12.00	-	-	-	-	-	-	-	-	12.00	-	-	12.00
UIP Southern Part of Sulawesi	-	10.00	-	-	-	39.12	-	-	-	-	49.12	-	-	49.12
UIP Northern Part of Sulawesi	-	28.50	-	-	-	-	-	-	-	-	28.50	-	-	28.50
Generation Project	-	50.50	-	-	-	-	39.12	-	-	-	89.62	-	-	89.62
Indonesia	3,474.81	17,767.38	2,718.59	9,145.53	550.34	2,138.08	1,118.96	6.33	0.08	-	36,920.09	1,519.44	20,066.66	58,506.19

*) Including IPP in commissioning phase that has produced kWh

Annual Data 2019

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

PLN Operational Unit/ Province	Own Generated									
	Hydro	Steam	Gas Turbine	Combined Cycle	Geother- mal	Diesel*)	Diesel Gas	Sun	Wind	Bio- mass
UIW Aceh	5.87	-	-	-	-	158.89	-	-	-	-
UIW North Sumatera	-	-	-	-	-	13.90	-	-	-	-
UIW West Sumatera	-	-	-	-	-	18.01	-	-	-	-
UIW Riau and Riau Archipelago	-	75.47	-	-	-	498.32	-	0.27	-	-
- Riau	-	-	-	-	-	238.26	-	-	-	-
- Riau Archipelago	-	75.47	-	-	-	260.06	-	0.27	-	-
UIW South Sumatera, Jambi and Bengkulu	1.26	-	-	-	-	13.23	-	-	-	-
- South Sumatera	-	-	-	-	-	-	-	-	-	-
- Jambi	-	-	-	-	-	0.84	-	-	-	-
- Bengkulu	1.26	-	-	-	-	12.39	-	-	-	-
UIW Bangka Belitung	-	522.46	-	-	-	297.30	-	0.05	-	-
UID Lampung	-	-	-	-	-	0.49	-	-	-	-
UIW West Kalimantan	0.88	-	-	-	-	207.52	-	0.02	-	-
UIW S & C Kalimantan	-	-	-	-	-	230.75	-	-	-	-
- South Kalimantan	-	-	-	-	-	75.90	-	-	-	-
- Central Kalimantan	-	-	-	-	-	154.85	-	-	-	-
UIW East Kalimantan & North	-	-	-	-	-	380.11	27.84	0.21	-	-
UIW N, C Sulawesi & Gorontalo	50.71	-	-	-	-	189.02	-	0.06	-	-
- North Sulawesi	16.24	-	-	-	-	57.88	-	0.02	-	-
- Gorontalo	2.88	-	-	-	-	16.61	-	0.04	-	-
- Central Sulawesi	31.59	-	-	-	-	114.53	-	-	-	-
UIW S, SE & W Sulawesi	2.88	-	-	-	-	91.09	-	0.53	-	-
- South Sulawesi	-	-	-	-	-	8.34	-	0.46	-	-
- Southeast Sulawesi	2.88	-	-	-	-	82.74	-	0.07	-	-
- West Sulawesi	-	-	-	-	-	-	-	-	-	-
UIW Maluku & North Maluku	-	86.19	-	-	-	355.31	80.04	0.26	-	-
- Maluku	-	86.19	-	-	-	225.32	80.04	-	-	-
- North Maluku	-	-	-	-	-	129.99	-	0.26	-	-
UIW Papua and West Papua	71.72	-	-	-	-	513.03	207.79	1.55	-	-
- Papua	19.09	-	-	-	-	73.11	43.35	0.63	-	-
- West Papua	52.63	-	-	-	-	439.92	164.43	0.92	-	-
UID Bali	-	-	-	-	-	0.24	-	-	-	-
UIW West Nusa Tenggara	3.90	366.59	-	-	-	328.76	317.15	0.99	-	-
UIW East Nusa Tenggara	11.60	238.32	-	-	53.13	73.55	103.06	0.77	-	-
PT PLN Batam	-	157.60	414.89	-	-	24.56	141.77	-	-	-
UIK Northern Part of Sumatera	1,097.76	4,818.71	241.24	2,873.85	-	16.58	1,644.80	-	-	-
UIK Southern Part of Sumatera	2,300.97	5,112.90	379.00	900.71	815.49	11.87	318.99	-	-	-
UIP3B Sumatera	-	-	-	-	-	-	-	-	-	-
UIKL Kalimantan	113.23	4,041.97	230.05	71.49	-	200.60	979.64	-	-	-
UIKL Sulawesi	932.33	1,936.00	34.25	-	502.74	344.13	304.96	-	-	-
Outside Java	4,593.10	17,356.21	1,299.44	3,846.05	1,371.36	3,967.26	4,126.03	4.71	-	-
UID East Java	43.94	-	-	-	-	42.41	-	-	-	-
UID Central Java and Yogyakarta	-	-	-	-	-	-	-	-	-	-
- Central Java	-	-	-	-	-	-	-	-	-	-
- D.I. Yogyakarta	-	-	-	-	-	-	-	-	-	-
UID West Java	-	-	-	-	-	-	-	-	-	-
UID Banten	-	-	-	-	-	0.92	-	-	-	-
UID Jakarta Raya	-	-	-	-	-	-	-	-	-	-
PT Indonesia Power	3,133.74	24,509.11	287.93	7,400.15	2,738.94	991.46	-	-	-	-
PT PJB	2,106.28	9,452.47	1,135.68	10,588.41	-	-	17.76	-	-	-
PJB Sulawesi	-	-	-	-	-	12.38	-	-	-	-
UIP2B	-	-	-	-	-	-	-	-	-	-
UIK Tanjung Jati B	-	21,716.38	-	-	-	-	-	-	-	-
UIK Western Part of Java	-	12,983.58	-	13,106.16	-	-	-	-	-	-
UIK Central Part of Java	-	23,360.70	-	1,433.52	-	-	-	-	-	-
UIK Eastern Part of Java, Bali and Nusra	-	13,447.58	-	1,383.54	-	-	-	-	-	-
Java	5,283.96	105,469.83	1,423.61	33,911.78	2,738.94	1,047.17	17.76	-	-	-
UIP Sumatera	-	-	-	-	-	-	-	-	-	-
UIP Western Part of Kalimantan	-	-	-	-	-	-	-	-	-	-
UIP Central Part of Kalimantan	-	-	-	-	-	-	-	-	-	-
UIP Eastern Part of Kalimantan	-	-	-	-	-	-	-	-	-	-
UIP Western Part of Java	-	-	-	-	-	-	-	-	-	-
UIP Eastern Part of Java I	-	-	-	-	-	-	-	-	-	-
UIP Eastern Part of Java and Bali II	-	-	-	-	-	-	-	-	-	-
UIP Southern Part of Sulawesi	-	-	-	-	-	-	-	-	-	-
UIP Northern Part of Sulawesi	-	-	-	-	-	-	-	-	-	-
UIP Nusra	-	-	-	-	-	-	-	-	-	-
Generation Projects	-	-	-	-	-	-	-	-	-	-
Indonesia	9,877.06	122,826.04	2,723.05	37,757.83	4,110.30	5,014.43	4,143.79	4.71	-	-

Rented Generated							Sub Total	Purchased	Project	Purchased and Project	Total
Diesel	Diesel Gas	Gas	Combined Cycle	Steam	Hydro	Sun					
86.68	92.85	-	-	-	-	-	344.28	50.35	-	50.35	394.64
39.07	-	-	-	-	-	-	52.97	451.74	-	451.74	504.71
-	-	-	-	-	-	-	18.01	123.72	-	123.72	141.72
228.58	208.83	-	-	135.92	-	-	1,147.39	88.78	-	88.78	1,236.17
189.47	208.83	-	-	-	-	-	636.57	83.11	-	83.11	719.68
39.11	-	-	-	135.92	-	-	510.82	5.67	-	5.67	516.50
74.92	36.47	-	-	-	-	-	125.88	801.95	-	801.95	927.82
-	-	-	-	-	-	-	-	603.97	-	603.97	603.97
-	36.47	-	-	-	-	-	37.31	80.96	-	80.96	118.27
74.92	-	-	-	-	-	-	88.57	117.02	-	117.02	205.59
244.78	-	-	-	-	-	-	1,064.59	226.98	-	226.98	1,291.57
-	-	-	-	-	-	-	0.49	67.88	-	67.88	68.36
300.21	-	-	-	-	-	-	508.63	51.48	-	51.48	560.11
107.62	-	-	-	-	-	-	338.36	223.40	-	223.40	561.76
40.41	-	-	-	-	-	-	116.31	85.78	-	85.78	202.08
67.21	-	-	-	-	-	-	222.06	137.62	-	137.62	359.68
130.07	-	171.01	-	-	-	0.29	709.53	228.48	-	228.48	938.01
374.84	-	-	-	-	-	-	614.63	113.55	-	113.55	728.18
55.78	-	-	-	-	-	-	129.92	10.79	-	10.79	140.72
-	-	-	-	-	-	-	19.53	13.52	-	13.52	33.05
319.06	-	-	-	-	-	-	465.18	89.24	-	89.24	554.42
11.28	-	-	-	-	-	-	105.78	272.51	-	272.51	378.29
-	-	-	-	-	-	-	8.80	194.29	-	194.29	203.09
8.58	-	-	-	-	-	-	94.28	78.22	-	78.22	172.50
2.70	-	-	-	-	-	-	2.70	-	-	-	2.70
334.35	-	-	-	-	-	-	856.15	345.83	-	345.83	1,201.98
213.44	-	-	-	-	-	-	604.99	345.83	-	345.83	950.81
120.92	-	-	-	-	-	-	251.17	-	-	-	251.17
591.29	-	-	-	-	-	-	1,385.38	412.91	5.10	418.01	1,803.38
235.08	-	-	-	-	-	-	371.27	0.84	-	0.84	372.10
356.20	-	-	-	-	-	-	1,014.11	412.07	5.10	417.17	1,431.28
-	-	-	-	-	-	-	0.24	8.72	-	8.72	8.96
534.08	-	-	-	-	-	-	1,551.48	569.09	-	569.09	2,120.57
277.02	-	-	-	-	-	-	757.46	378.14	0.02	378.16	1,135.62
-	38.95	-	-	-	-	-	777.77	2,259.77	-	2,259.77	3,037.53
617.69	1,037.19	26.51	-	-	-	-	12,374.32	639.14	-	639.14	13,013.47
-	577.61	292.20	-	-	-	-	10,709.74	538.60	-	538.60	11,248.35
-	-	-	-	-	-	-	-	13,515.28	-	13,515.28	13,515.28
15.31	15.73	-	-	-	-	-	5,668.03	4,639.14	-	4,639.14	10,307.17
10.37	-	-	-	414.33	-	-	4,479.12	6,578.66	62.57	6,641.23	11,120.35
3,978.17	2,007.63	489.72	-	550.25	-	0.29	43,590.22	32,586.09	67.70	32,653.78	76,244.00
8.51	-	-	-	-	-	-	94.87	15.00	-	15.00	109.87
-	-	-	-	-	-	-	-	74.58	-	74.58	74.58
-	-	-	-	-	-	-	-	71.33	-	71.33	71.33
-	-	-	-	-	-	-	-	3.25	-	3.25	3.25
-	-	-	-	-	-	-	-	232.03	-	232.03	232.03
-	-	-	-	-	-	-	0.92	37.68	-	37.68	38.60
51.52	-	-	-	-	-	-	39,112.86	-	-	-	39,112.86
-	-	-	-	-	-	-	23,300.60	-	-	-	23,300.60
-	-	-	-	-	-	-	12.38	-	-	-	12.38
-	-	-	-	-	-	-	-	51,573.36	-	51,573.36	51,573.36
-	-	-	-	-	-	-	21,716.38	-	-	-	21,716.38
-	-	-	-	-	-	-	26,089.74	-	-	-	26,089.74
-	-	-	-	-	-	-	24,794.22	-	-	-	24,794.22
-	-	-	-	-	-	-	14,831.12	-	-	-	14,831.12
60.03	-	-	-	-	-	-	149,953.09	51,932.65	-	51,932.65	201,885.75
-	-	-	-	-	-	-	-	-	217.09	217.09	217.09
-	-	-	-	-	-	-	-	-	80.10	80.10	80.10
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	14.65	14.65	14.65
-	-	-	-	-	-	-	-	-	346.06	346.06	346.06
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	29.77	29.77	29.77
-	-	-	-	-	-	-	-	-	45.06	45.06	45.06
-	-	-	-	-	-	-	-	-	79.39	79.39	79.39
-	-	-	-	-	-	-	-	-	812.11	812.11	812.11
4,038.20	2,007.63	489.72	-	550.25	-	0.29	193,543.32	84,518.74	879.81	85,398.55	278,941.87

Annual Data 2019

Table 24 : Consumption of Fuel

2019

PLN Operational Unit/ Province	Oil (kilo litre)									Coal (ton)	Natural Gas (MMSCF)
	HSD	IDO	MFO	Bio Diesel	Olein	Bio HSD	HFO	Bio Fame	CPO		
UIW Aceh	-	-	-	-	-	48,355.24	-	20,648.82	-	69,004.06	-
UIW North Sumatera	16,423.92	-	-	-	-	12,466.27	-	3,116.57	-	32,006.76	-
UIW West Sumatera	-	-	-	-	-	4,505.16	-	1,124.35	-	5,629.51	-
UIW Riau and Riau Archipelago	36.64	-	-	-	-	146,673.24	-	55,742.07	-	202,451.95	266,566.88
- Riau	-	-	-	-	-	85,448.14	-	33,230.88	-	118,679.02	2,041.28
- Riau Archipelago	36.64	-	-	-	-	61,225.10	-	22,511.19	-	83,772.92	266,566.88
UIW of South Sulawesi, Jambi and Bengkulu	-	-	-	-	-	21,651.07	-	2,886.77	-	24,537.84	405.00
- South Sumatera	-	-	-	-	-	-	-	-	-	-	-
- Jambi	-	-	-	-	-	227.05	-	25.61	-	252.66	405.00
- Bengkulu	-	-	-	-	-	21,424.03	-	2,861.16	-	24,285.19	-
UIW Bangka Belitung	66,179.01	-	-	-	-	114,539.55	-	28,634.89	15.75	209,369.20	494,046.22
UID Lampung	-	-	-	-	-	128.98	-	31.71	-	160.69	-
UIW West Kalimantan	-	-	-	-	-	115,921.21	-	28,577.16	-	144,498.37	-
UIW South and Central Kalimantan	-	-	-	-	-	73,406.32	-	22,051.75	-	95,458.07	-
- South Kalimantan	-	-	-	-	-	25,314.12	-	6,361.86	-	31,675.98	-
- Central Kalimantan	-	-	-	-	-	48,092.21	-	15,689.89	-	63,782.10	-
UIW East and North Kalimantan	-	-	-	-	-	101,847.52	-	27,074.40	-	128,921.92	2,324.91
UIW N, C Sulawesi and Gorontalo	-	-	-	-	-	120,207.29	-	39,347.36	-	159,554.65	-
- North Sulawesi	-	-	-	-	-	24,251.46	-	8,560.41	-	32,811.86	-
- Gorontalo	-	-	-	-	-	3,385.18	-	846.29	-	4,231.47	-
- Central Sulawesi	-	-	-	-	-	92,570.66	-	29,940.65	-	122,511.31	-
UIW S, SE and W Sulawesi	-	-	-	-	-	22,395.52	-	6,997.45	-	29,392.97	-
- South Sulawesi	-	-	-	-	-	2,025.44	-	801.12	-	2,826.57	-
- Southeast Sulawesi	-	-	-	-	-	19,860.39	-	5,977.89	-	25,838.28	-
- West Sulawesi	-	-	-	-	-	509.68	-	218.44	-	728.12	-
UIW Maluku and North Maluku	3,774.36	-	-	-	-	166,092.63	72,969.22	41,521.93	-	284,358.14	85,705.02
- Maluku	2,120.73	-	-	-	-	109,700.73	72,969.22	27,423.95	-	212,214.64	85,705.02
- North Maluku	1,653.63	-	-	-	-	56,391.90	-	14,097.97	-	72,143.50	-
UIW Papua and West Papua	542.29	-	-	-	-	280,546.49	-	69,962.29	-	351,051.08	5,852.60
- Papua	238.99	-	-	-	-	76,198.75	-	18,875.36	-	95,313.10	-
- West Papua	303.30	-	-	-	-	204,347.74	-	51,086.94	-	255,737.98	5,852.60
UID Bali	64.54	-	-	-	-	0.41	-	0.10	-	65.05	-
UIW West Nusa Tenggara	39,639.06	-	126,344.98	-	-	140,405.67	-	32,889.02	-	339,278.73	304,778.30
UIW East Nusa Tenggara	3,145.12	-	-	-	-	95,352.13	60,252.74	23,602.22	-	182,352.21	217,999.98
PT PLN Batam	875.49	-	5,194.06	-	-	382.63	-	-	-	6,452.18	522,841.03
UIK Northern Part of Sumatera	64,148.27	-	143,034.34	-	-	15,108.09	-	4,862.49	-	227,153.19	3,681,790.67
UIK Southern Part of Sumatera	1,567.03	328.54	362.70	-	-	5,664.28	-	2,013.23	-	9,935.78	3,292,078.88
UIP3B Sumatera	-	-	-	-	-	-	-	-	-	-	13,314.12
UIKL Kalimantan	45,576.95	-	47,153.37	-	-	27,968.38	-	8,575.90	98.94	129,373.55	3,302,470.15
UIKL Sulawesi	13,126.60	-	1,959.20	-	-	130,157.22	134,945.33	35,295.52	-	315,483.88	1,851,566.67
Outside Java	255,099.30	328.54	324,048.66	-	-	1,643,775.31	268,167.29	454,956.00	114.70	2,946,489.78	14,025,696.39
UID East Java	-	-	-	-	-	11,593.44	-	2,919.23	-	14,512.66	-
UID Central Java and Yogyakarta	-	-	-	-	-	-	-	-	-	-	-
- Central Java	-	-	-	-	-	-	-	-	-	-	-
- D.I. Yogyakarta	-	-	-	-	-	-	-	-	-	-	-
UID West Java	-	-	-	-	-	-	-	-	-	-	-
UID Banten	274.37	-	-	-	-	-	-	-	-	274.37	-
UID Jakarta Raya	-	-	-	-	-	-	-	-	-	-	-
PT Indonesia Power	33,417.02	-	13,979.95	-	-	3,187.24	-	796.81	-	51,381.02	12,235,690.47
PT PJB	24,214.40	-	30,859.53	-	-	-	-	-	-	55,073.93	3,293,951.47
PJB Sulawesi	9.02	-	2,729.49	-	-	-	-	-	-	2,738.51	-
UIP2B	-	-	-	-	-	-	-	-	-	-	-
UIK Tanjung Jati B	2,235.92	-	-	-	-	-	-	-	-	2,235.92	8,627,545.30
UIK Western Part of Java	-	-	-	-	-	5,488.83	-	1,372.21	-	6,861.04	7,492,477.02
UIK Central Part of Java	-	-	-	-	-	3,346.70	-	855.22	-	4,201.92	13,068,519.12
UIK Eastern Part of Java, Bali and Nusra	137.69	-	-	-	-	1,896.48	-	-	-	2,034.17	7,927,062.68
Java	60,288.43	-	47,568.97	-	-	25,512.70	-	5,943.47	-	139,313.56	52,645,246.06
UIP Generation Sumatera	2,560.13	-	-	-	-	3,059.94	-	792.13	-	6,412.20	154,478.00
UIP Western Part of Kalimantan	-	-	-	-	-	-	-	-	-	-	79,120.98
UIP Central Part of Kalimantan	-	-	-	-	-	-	-	-	-	-	-
UIP Eastern Part of Kalimantan	1,773.02	-	-	-	-	-	-	-	-	1,773.02	18,615.60
UIP Western Part of Java	-	-	-	-	-	-	-	-	-	-	308.61
UIP Central Part of Java I	-	-	-	-	-	-	-	-	-	-	-
UIP Eastern Part of Java and Bali II	-	-	-	-	-	-	-	-	-	-	-
UIP Southern Part of Sulawesi	-	-	-	-	-	5,709.21	-	2,446.80	-	8,156.01	3,242.04
UIP Northern Part of Sulawesi	3.94	-	-	-	-	7.39	-	3.17	-	14.51	47,648.17
UIP Nusa Tenggara	38.75	-	-	-	-	13,193.75	-	3,370.14	-	16,602.65	34,781.50
Generation Projects	4,375.85	-	-	-	-	21,970.30	-	6,612.25	-	32,958.40	337,886.28
Indonesia	319,763.57	328.54	371,617.62	-	-	1,691,258.30	268,167.29	467,511.71	114.70	3,118,761.74	67,008,828.73
											479,776.26

Table 25 : Unit Price of Fuel**2019**

PLN Operational Unit/Province	Oil (Rp/litre)*)				Coal (Rp/kg)	Natural Gas (Rp/ MMSCF)	Geo- thermal (Rp/kWh)
	HSD	IDO	MFO	Average			
UIW Aceh	7,931.35	-	-	-	-	82,767.00	-
UIW North Sumatera	8,477.83	-	-	8,477.83	-	-	-
UIW West Sumatera	8,802.47	-	-	-	-	-	-
UIW Riau and Riau Archipelago	7,879.28	-	-	7,879.28	708.96	100,366.59	-
UIW South Sumatera, Jambi and Bengkulu	8,200.27	-	-	-	-	112,870.17	-
UIW Bangka Belitung	8,178.02	-	-	8,178.02	673.42	-	-
UID Lampung	8,108.91	-	-	-	-	-	-
UIW West Kalimantan	8,442.69	-	-	-	-	-	-
UIW S and C Kalimantan	8,301.16	-	-	-	-	-	-
UIW East and North Kalimantan	8,709.63	-	-	-	-	77,219.67	-
UIW North, Central Sulawesi, and Gorontalo	8,186.32	-	-	-	-	-	-
UIW South, East and West Sulawesi	8,375.21	-	-	-	-	-	-
UIW Maluku and North Maluku	7,863.66	-	-	7,863.66	847.81	-	-
UIW Papua and West Papua	8,279.35	-	-	8,279.35	-	-	-
UID Bali	9,164.10	-	-	9,164.10	-	-	-
UIW West Nusa Tenggara	7,933.01	-	6,891.55	7,545.18	755.72	-	-
UIW East Nusa Tenggara	7,198.38	-	-	7,198.38	538.33	-	62.24
PT PLN Batam	6,156.45	-	6,248.25	6,230.35	846.43	102,036.99	-
UIK Northern Part of Sulawesi	8,177.98	-	6,831.94	7,330.40	780.37	138,852.97	-
UIK Southern Part of Sulawesi	8,866.75	7,039.06	7,331.27	8,750.27	715.73	107,888.35	709.18
UIP3B Sumatera	-	-	-	-	-	-	-
UIKL Kalimantan	8,505.92	-	2,807.68	6,429.06	584.26	109,755.36	-
UIKL Sulawesi	4,658.19	-	6,934.66	4,672.32	653.61	-	902.83
Outside Java	7,696.33	7,039.06	6,261.42	7,538.45	695.42	107,180.46	755.10
UID East Java	8,675.69	-	-	-	-	-	-
UID Central Java and Yogyakarta	-	-	-	-	-	-	-
UID West Java	-	-	-	-	-	-	-
UID Banten	9,257.86	-	-	9,257.86	-	-	-
UID Jakarta Raya	-	-	-	-	-	-	-
PT Indonesia Power	10,372.80	-	7,456.20	9,579.24	855.07	123,432.99	865.56
PT PJB	10,145.03	-	8,270.08	9,819.72	724.65	112,264.07	-
UIK Tanjung Jati B	10,040.45	-	-	10,040.45	926.79	-	-
UIK Western Part of Java	-	-	-	-	-	-	-
UIK Central Part of Java	-	-	-	-	-	-	-
UIK Eastern Part of Java, Bali and Nusra	-	-	-	-	-	-	-
J a v a	10,365.58	-	7,556.36	9,998.40	790.49	119,152.43	865.56
I n d o n e s i a **)	7,816.96	7,039.06	6,427.18	7,568.67	766.60	115,521.08	828.71

*) BBM Unit price (HSD, IDO, MFO) including transportation costs and fuel mix cost (biodiesel, etc).

**) Including project fuel.

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

2019

PLN Operational Unit/Province	Oil (Kilo litre)										Coal	Natural Gas	Total
	HSD	IDO	MFO	Biodiesel	Olein	Bio HSD	HFO	Bio Fame	CPO	Total			
UIW Aceh	-	-	-	-	-	179.10	-	66.46	-	245.56	-	106.92	352.48
UIW North Sumatera	45.13	-	-	-	-	42.38	-	10.59	-	98.10	-	-	98.10
UIW West Sumatera	-	-	-	-	-	14.80	-	3.21	-	18.01	-	-	18.01
UIW Riau and Riau Archipelago	0.12	-	-	-	-	546.92	-	179.86	-	726.90	252.73	216.93	1,196.56
- Riau	-	-	-	-	-	319.47	-	108.26	-	427.73	41.34	216.71	685.79
- Riau Archipelago	0.12	-	-	-	-	227.45	-	71.59	-	299.16	211.39	0.22	510.77
UIW South Sumatera, Jambi & Bengkulu	-	-	-	-	-	78.91	-	9.24	-	88.15	197.77	450.17	736.09
- South Sumatera	-	-	-	-	-	-	-	-	-	-	158.18	375.91	534.09
- Jambi	-	-	-	-	-	0.76	-	0.08	-	0.84	39.59	74.26	114.69
- Bengkulu	-	-	-	-	-	78.15	-	9.16	-	87.31	-	-	87.31
UIW Bangka Belitung	208.10	-	-	-	-	417.58	-	104.39	0.05	730.12	522.46	-	1,252.58
UID Lampung	-	-	-	-	-	0.40	-	0.09	-	0.49	48.91	-	49.40
UIW West Kalimantan	-	-	-	-	-	411.94	-	95.79	-	507.73	0.97	-	508.71
UIW S and C Kalimantan	-	-	-	-	-	267.59	-	70.78	-	338.36	163.57	-	501.93
- South Kalimantan	-	-	-	-	-	95.45	-	20.86	-	116.31	85.78	-	202.08
- Central Kalimantan	-	-	-	-	-	172.14	-	49.92	-	222.06	77.79	-	299.85
UIW East and North Kalimantan	-	-	-	-	-	380.71	-	96.27	-	476.98	212.85	232.05	921.88
UIW N, C Sulawesi and Gorontalo	-	-	-	-	-	438.87	-	125.00	-	563.86	23.99	-	587.86
- North Sulawesi	-	-	-	-	-	87.06	-	26.60	-	113.66	-	-	113.66
- Gorontalo	-	-	-	-	-	13.65	-	2.96	-	16.61	-	-	16.61
- Central Sulawesi	-	-	-	-	-	338.16	-	95.43	-	433.59	23.99	-	457.58
UIW S, SE and W Sulawesi	-	-	-	-	-	80.51	-	21.85	-	102.37	78.22	-	180.59
- South Sulawesi	-	-	-	-	-	6.19	-	2.15	-	8.34	-	-	8.34
- Southeast Sulawesi	-	-	-	-	-	72.36	-	18.97	-	91.32	78.22	-	169.55
- West Sulawesi	-	-	-	-	-	1.97	-	0.73	-	2.70	-	-	2.70
UIW Maluku and North Maluku	13.28	-	-	-	-	621.31	345.83	134.93	-	1,115.34	86.19	0.19	1,201.72
- Maluku	7.36	-	-	-	-	420.03	345.83	91.22	-	864.43	86.19	0.19	950.81
- North Maluku	5.92	-	-	-	-	201.28	-	43.71	-	250.91	-	-	250.91
UIW Papua and West Papua	1.96	-	-	-	-	1,107.28	-	240.67	-	1,349.91	93.39	286.12	1,729.42
- Papua	0.86	-	-	-	-	288.76	-	62.77	-	352.39	-	-	352.39
- West Papua	1.10	-	-	-	-	818.53	-	177.90	-	997.52	93.39	286.12	1,377.03
UID Bali	0.24	-	-	-	-	-	-	-	-	0.24	-	-	0.24
UIW West Nusa Tenggara	118.46	-	510.51	-	-	550.54	-	117.84	-	1,297.34	762.36	-	2,059.70
UIW East Nusa Tenggara	11.78	-	-	-	-	360.28	285.56	81.58	-	739.19	313.25	-	1,052.44
PT PLN Batam	3.18	-	20.00	-	-	1.38	-	-	-	24.56	718.05	2,294.92	3,037.53
UIK Northern Part of Sumatera	176.18	-	604.34	-	-	22.23	-	7.01	-	809.76	4,742.59	6,363.37	11,915.71
UIK Southern Part of Sumatera	2.90	1.35	0.39	-	-	7.13	-	3.00	-	14.77	5,112.90	3,004.21	8,131.89
UIP3B Sumatera	-	-	-	-	-	-	-	-	-	-	5,495.80	2,955.97	8,451.77
UIKL Kalimantan	115.84	-	192.74	-	-	99.72	-	24.80	0.31	433.41	6,166.92	1,806.40	8,406.73
UIKL Sulawesi	37.33	-	7.33	-	-	540.16	639.55	126.74	-	1,351.12	5,286.70	1,336.42	7,974.23
Outside Java	734.49	1.35	1,335.31	-	-	6,169.72	1,270.94	1,520.10	0.36	11,032.26	30,279.64	19,053.68	60,365.58
UID East Java	-	-	-	-	-	40.68	-	10.24	-	50.93	-	-	50.93
UID Central Java and Yogyakarta	-	-	-	-	-	-	-	-	-	-	-	-	-
- Central Java	-	-	-	-	-	-	-	-	-	-	-	-	-
- D.I. Yogyakarta	-	-	-	-	-	-	-	-	-	-	-	-	-
UID West Java	-	-	-	-	-	-	-	-	-	-	-	-	-
UID Banten	0.92	-	-	-	-	-	-	-	-	0.92	-	-	0.92
UID Jakarta Raya	-	-	-	-	-	-	-	-	-	-	-	-	-
PT Indonesia Power	101.38	-	56.34	-	-	8.57	-	1.86	-	168.15	24,506.85	8,565.18	33,240.18
PT PJB	82.15	-	117.96	-	-	-	-	-	-	200.11	5,836.13	15,158.09	21,194.33
PJB Sulawesi	-	-	12.38	-	-	-	-	-	-	12.38	-	-	12.38
UIP2B	-	-	-	-	-	-	-	-	-	-	42,000.60	2,285.60	44,286.21
UIK Tanjung Jati B	-	-	-	-	-	-	-	-	-	-	21,716.38	-	21,716.38
UIK Western Part of Java	-	-	-	-	-	-	-	-	-	-	12,983.58	013,106.16	26,089.74
UIK Central Part of Java	-	-	-	-	-	1.77	-	-	-	1.77	23,358.93	1,433.52	24,794.22
UIK Eastern Part of Java, Bali, Nusra	0.06	-	-	-	-	2.00	-	-	-	2.07	13,445.51	1,383.54	14,831.12
Java	184.51	-	186.68	-	-	53.04	-	12.10	-	436.33	143,847.98	41,932.09	186,216.40
UIP Generation Sumatera	3.79	-	-	-	-	-	-	-	-	3.79	213.30	-	217.09
UIP Western Part of Kalimantan	-	-	-	-	-	-	-	-	-	-	80.10	-	80.10
UIP Eastern of Kalimantan	6.46	-	-	-	-	-	-	-	-	6.46	8.19	-	14.65
UIP Western Part of Java	-	-	-	-	-	-	-	-	-	-	-	346.06	346.06
UIP of Southern Part of Sulawesi	-	-	-	-	-	20.32	-	7.89	-	28.21	1.55	-	29.77
UIP of Northern Part of Sulawesi	-	-	-	-	-	-	-	-	-	-	45.06	-	45.06
UIP of Nusa Tenggara	0.88	-	-	-	-	29.71	-	31.39	-	61.98	17.41	-	79.39
Generation Projects	11.13	-	-	-	-	50.03	-	39.28	-	100.45	365.61	346.06	812.11
Indonesia	930.13	1.35	1,521.99	-	-	6,272.79	1,270.94	1,571.49	0.36	11,569.04	174,493.23	61,331.83	247,394.09

Table 27 : Captive Power**2019**

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	
UIW Aceh	-	-	-	-	-	-	-
UIW North Sumatera	-	-	-	-	-	-	-
UIW West Sumatera	-	-	-	-	-	-	-
UIW Riau and Riau Archipelago	-	-	-	-	-	-	-
- Riau	-	-	-	-	-	-	-
- Riau Archipelago	-	-	-	-	-	-	-
UIW South Sumatera, Jambi and Bengkulu	-	-	-	-	-	-	-
- South Sumatera	-	-	-	-	-	-	-
- Jambi	-	-	-	-	-	-	-
- Bengkulu	-	-	-	-	-	-	-
UIW Bangka Belitung	342	347	689	64,384.50	119,206.50	183,591.00	45,841.00
UID Lampung	-	-	-	-	-	-	-
UIW West Kalimantan	-	-	-	-	-	-	-
UIW S and C Kalimantan	-	-	-	-	-	-	-
- South Kalimantan	-	-	-	-	-	-	-
- Central Kalimantan	-	-	-	-	-	-	-
UIW East and North Kalimantan	-	-	-	-	-	-	-
UIW N, C Sulawesi and Gorontalo	-	-	-	-	-	-	-
- North Sulawesi	-	-	-	-	-	-	-
- Gorontalo	-	-	-	-	-	-	-
- Central Sulawesi	-	-	-	-	-	-	-
UIW S, SE and W Sulawesi	-	-	-	-	-	-	-
- South Sulawesi	-	-	-	-	-	-	-
- Southeast Sulawesi	-	-	-	-	-	-	-
- West Sulawesi	-	-	-	-	-	-	-
UIW Maluku and North Maluku	-	-	-	-	-	-	-
- Maluku	-	-	-	-	-	-	-
- North Maluku	-	-	-	-	-	-	-
UIW Papua and West Papua	-	193	193	-	20,797.00	20,797.00	33,693.00
- Papua	-	162	162	-	20,222.00	20,222.00	23,265.00
- West Papua	-	31	31	-	575.00	575.00	10,428.00
UID Bali	-	-	-	-	-	-	-
UIW West Nusa Tenggara	-	-	-	-	-	-	-
UIW East Nusa Tenggara	-	-	-	-	-	-	-
PT PLN Batam	1	13	14	18,000.00	124,067.00	142,067.00	57,715.90
PT PLN Tarakan	-	-	-	-	-	-	-
UIK Northern Part of Sumatera	-	-	-	-	-	-	-
UIK Southern Part of Sumatera	-	-	-	-	-	-	-
UIP3B Sumatera	-	-	-	-	-	-	-
UIKL Sulawesi	-	-	-	-	-	-	-
UIKL Kalimantan	-	-	-	-	-	-	-
Outside Java	343	553	896	82,384.50	264,070.50	346,455.00	137,249.90
UID East Java	254	981	1,235	439,869.78	780,679.22	1,220,548.99	534,809.60
UID Central Java and Yogyakarta	-	-	-	-	-	-	-
- Central Java	-	-	-	-	-	-	-
- D.I. Yogyakarta	-	-	-	-	-	-	-
UID West Java	30	697	727	620,538.00	561,565.00	1,182,103.00	-
UID Banten	5	175	180	297,235.00	785,531.00	1,082,766.00	1,082,770.00
UID Jakarta Raya	-	1,086	1,086	-	1,991,570.00	1,991,570.00	2,053,930.00
PT Indonesia Power	-	-	-	-	-	-	-
PT PJB	-	-	-	-	-	-	-
UIP2B	-	-	-	-	-	-	-
Java	289	2,939	3,228	1,357,642.78	4,119,345.22	5,476,987.99	3,671,509.60
Indonesia	632	3,492	4,124	1,440,027.28	4,383,415.72	5,823,442.99	3,808,759.50

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)

2019

PLN Operational Unit/Province	Voltage					Total
	25 - 30 kV	70 kV	150 kV	275 kV	500 kV	
UIW Aceh	-	-	-	-	-	-
UIW North Sumatera	-	-	-	-	-	-
UIW West Sumatera	-	-	-	-	-	-
UIW Riau and Riau Archipelago	-	-	179.08	-	-	179.08
- Riau	-	-	-	-	-	-
- Riau Archipelago	-	-	179.08	-	-	179.08
UIW South Sumatera, Jambi and Bengkulu	-	-	-	-	-	-
- South Sumatera	-	-	-	-	-	-
- Jambi	-	-	-	-	-	-
- Bengkulu	-	-	-	-	-	-
UIW Bangka Belitung	-	-	625.07	-	-	625.07
UID Lampung	-	-	-	-	-	-
UIW West Kalimantan	-	-	1,340.08	162.75	-	1,502.83
UIW S and C Kalimantan	-	123.08	3,447.09	-	-	3,570.17
- South Kalimantan	-	123.08	1,726.84	-	-	1,849.92
- Central Kalimantan	-	-	1,720.25	-	-	1,720.25
UIW East and North Kalimantan	-	-	1,660.84	-	-	1,660.84
UIW N, C Sulawesi and Gorontalo	0.76	450.62	1,591.94	-	-	2,043.32
- North Sulawesi	0.76	306.82	832.09	-	-	1,139.66
- Gorontalo	-	-	329.78	-	-	329.78
- Central Sulawesi	-	143.80	430.08	-	-	573.88
UIW S, SE and W Sulawesi	3.40	145.30	4,400.17	3.41	-	4,552.28
- South Sulawesi	3.40	119.90	2,850.36	3.41	-	2,977.07
- Southeast Sulawesi	-	25.40	961.77	-	-	987.17
- West Sulawesi	-	-	588.03	-	-	588.03
UIW Maluku and North Maluku	-	50.58	40.83	-	-	91.40
- Maluku	-	50.58	40.83	-	-	91.40
- North Maluku	-	-	-	-	-	-
UIW Papua and West Papua	-	239.64	50.74	-	-	290.38
- Papua	-	239.64	-	-	-	239.64
- West Papua	-	-	50.74	-	-	50.74
UID Bali	-	-	-	-	-	-
UIW West Nusa Tenggara	-	281.95	811.14	-	-	1,093.09
UIW East Nusa Tenggara	-	578.24	586.52	-	-	1,164.76
PT PLN Batam	-	-	216.52	-	-	216.52
PT PLN Tarakan	-	-	-	-	-	-
UIP Northern Part of Sumatera	-	-	-	-	-	-
UIK Southern Part of Sumatera	-	-	-	-	-	-
UIP3B Sumatera	-	531.21	14,111.15	3,481.49	-	18,123.86
Outside Java	4.16	2,400.62	29,061.18	3,647.65	-	35,113.61
UID East Java	-	-	-	-	-	-
UID Central Java and Yogyakarta	-	-	-	-	-	-
- Central Java	-	-	-	-	-	-
- D.I. Yogyakarta	-	-	-	-	-	-
UID West Java	-	-	-	-	-	-
UID Banten	-	-	-	-	-	-
UID Jakarta Raya	-	-	-	-	-	-
PT Indonesia Power	-	-	-	-	-	-
PT PJB	-	-	-	-	-	-
UIT Western Part of Java	-	237.39	2,202.59	-	1,007.58	3,447.56
UIT Central Part of Java	40.64	1,491.04	7,811.23	-	2,898.18	12,241.09
UIT Eastern Part of Java & Bali	56.15	1,268.01	5,488.86	-	1,343.76	8,156.79
Java	96.79	2,996.44	15,502.69	-	5,249.52	23,845.44
Indonesia	100.95	5,397.06	44,563.86	3,647.65	5,249.52	58,959.05

Notes: - Voltage of 25-30 kV not included in the distribution because it still maintained by the transmission and plant management

- Data from Aplikasi Pelayanan Pelanggan Terpusat (AP2T)

Table 29 : Length of Medium and Low Voltage Lines (kmc)**2019**

PLN Operational Unit/Province	Medium Voltage			Low Voltage
	6 - 7 kV	10 - 12 kV	15-20 kV	
UIW Aceh	-	-	15,926.88	16,405.03
UIW North Sumatera	-	-	29,250.02	31,150.71
UIW West Sumatera	-	-	11,989.69	16,851.75
UIW Riau and Riau Archipelago	-	-	15,696.15	27,599.75
- Riau	-	-	13,397.66	25,389.27
- Riau Archipelago	-	-	2,298.49	2,210.48
UIW South Sumatera, Jambi and Bengkulu	-	-	26,012.05	23,666.51
- South Sumatera	-	-	12,879.26	10,526.25
- Jambi	-	-	8,374.91	6,924.99
- Bengkulu	-	-	4,757.88	6,215.28
UIW Bangka Belitung	-	-	5,142.45	5,278.94
UID Lampung	-	-	13,897.90	17,495.72
UIW West Kalimantan	-	-	11,956.23	14,153.87
UIW S and C Kalimantan	-	-	15,225.96	14,979.23
- South Kalimantan	-	-	8,898.54	10,384.23
- Central Kalimantan	-	-	6,327.42	4,595.00
UIW East and North Kalimantan	-	-	7,992.11	8,121.23
UIW N, C Sulawesi and Gorontalo	-	-	14,895.30	14,043.47
- North Sulawesi	-	-	5,460.01	6,006.68
- Gorontalo	-	-	2,273.36	1,860.73
- Central Sulawesi	-	-	7,161.93	6,176.06
UIW S, SE and W Sulawesi	-	-	24,401.05	25,904.29
- South Sulawesi	-	-	15,735.85	17,803.82
- Southeast Sulawesi	-	-	5,614.76	5,735.22
- West Sulawesi	-	-	3,050.45	2,365.25
UIW Maluku and North Maluku	-	-	7,342.81	4,490.36
- Maluku	-	-	4,244.70	2,325.96
- North Maluku	-	-	3,098.11	2,164.40
UIW Papua and West Papua	-	-	6,068.28	9,582.64
- Papua	-	-	3,715.02	7,114.95
- West Papua	-	-	2,353.26	2,467.69
UID Bali	-	-	8,101.17	13,555.84
UIW West Nusa Tenggara	-	-	6,363.63	7,335.61
UIW East Nusa Tenggara	-	-	8,296.48	8,482.37
PT PLN Batam	-	-	-	-
PT PLN Tarakan	-	-	-	-
UIP Northern Part of Sumatera	-	-	-	-
UIK Southern Part of Sumatera	-	-	-	-
UIP3B Sumatera	-	-	-	-
Outside Java	-	-	228,558.16	259,097.30
UID East Java	-	-	39,521.94	77,109.01
UID Central Java and Yogyakarta	-	-	53,720.39	54,892.91
- Central Java	-	-	47,953.93	49,050.06
- D.I. Yogyakarta	-	-	5,766.47	5,842.85
UID West Java	-	-	47,124.80	124,875.35
UID Banten	-	-	15,112.43	25,573.96
UID Jakarta Raya	-	-	17,384.17	36,884.94
PT Indonesia Power	-	-	-	-
PT PJB	-	-	-	-
UIT Western Part of Java	-	-	-	-
UIT Central Part of Java	-	-	-	-
UIT Eastern Part of Java and Bali	-	-	-	-
Java	-	-	172,863.74	319,336.16
Indonesia	-	-	401,421.90	578,433.47

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Table 30 : Number and Total Capacity of Substation Transformers

2019

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
UIW Aceh	-	-	-	-	-	-	-	-	-	-	-	-
UIW North Sumatera	-	-	-	-	-	-	-	-	-	-	-	-
UIW West Sumatera	-	-	-	-	-	-	-	-	-	-	-	-
UIW Riau and Riau Archipelago	-	-	-	-	8	290.00	-	-	-	-	8	290.00
- Riau	-	-	-	-	-	-	-	-	-	-	-	-
- Riau Archipelago	-	-	-	-	8	290.00	-	-	-	-	8	290.00
UIW South Sumatera, Jambi and Bengkulu	-	-	-	-	-	-	-	-	-	-	-	-
- South Sumatera	-	-	-	-	-	-	-	-	-	-	-	-
- Jambi	-	-	-	-	-	-	-	-	-	-	-	-
- Bengkulu	-	-	-	-	-	-	-	-	-	-	-	-
UIW Bangka Belitung	-	-	-	-	10	510.00	5	150.00	-	-	15	660.00
UID Lampung	-	-	-	-	-	-	-	-	-	-	-	-
UIW West Kalimantan	-	-	2	498.00	33	1,365.00	-	-	-	-	35	1,863.00
UIW S and C Kalimantan	-	-	-	-	56	2,052.00	14	148.00	-	-	70	2,200.00
- South Kalimantan	-	-	-	-	35	1,332.00	14	148.00	-	-	49	1,480.00
- Central Kalimantan	-	-	-	-	21	720.00	-	-	-	-	21	720.00
UIW East and North Kalimantan	-	-	-	-	51	2,090.00	-	-	-	-	51	2,090.00
UIW N, C Sulawesi and Gorontalo	-	-	-	-	39	1,560.00	29	614.00	-	-	68	2,174.00
- North Sulawesi	-	-	-	-	21	780.00	23	464.00	-	-	44	1,244.00
- Gorontalo	-	-	-	-	7	320.00	-	-	-	-	7	320.00
- Central Sulawesi	-	-	-	-	11	460.00	6	150.00	-	-	17	610.00
UIW S, SE and W Sulawesi	-	-	1	90.00	92	2,999.80	18	295.00	2	30	113	3,414.80
- South Sulawesi	-	-	1	90.00	77	2,503.80	13	200.00	2	30	93	2,823.80
- Southeast Sulawesi	-	-	-	-	6	240.00	5	95.00	-	-	11	335.00
- West Sulawesi	-	-	-	-	9	256.00	-	-	-	-	9	256.00
UIW Maluku and North Maluku	-	-	-	-	9	480.00	4	80.00	-	-	13	560.00
- Maluku	-	-	-	-	7	360.00	4	80.00	-	-	11	440.00
- North Maluku	-	-	-	-	2	120.00	-	-	-	-	2	120.00
UIW Papua and West Papua	-	-	-	-	6	300.00	14	196.03	-	-	20	496.03
- Papua	-	-	-	-	4	240.00	14	196.03	-	-	18	436.03
- West Papua	-	-	-	-	2	60.00	-	-	-	-	2	60.00
UID Bali	-	-	-	-	-	-	-	-	-	-	-	-
UIW West Nusa Tenggara	-	-	-	-	24	1,030.00	7	180.00	-	-	31	1,210.00
UIW East Nusa Tenggara	-	-	-	-	5	210.00	16	355.00	-	-	21	565.00
PT PLN Batam	-	-	-	-	20	810.00	-	-	-	-	20	810.00
PT PLN Tarakan	-	-	-	-	-	-	-	-	-	-	-	-
UIK Northern Part of Sumatera	-	-	-	-	-	-	-	-	-	-	-	-
UIK Southern Part of Sumatera	-	-	-	-	-	-	-	-	-	-	-	-
UIP3B Sumatera	-	-	34	9,160.17	319	15,089.00	26	730.00	-	-	379	24,979.17
Outside Java	-	-	37	9,748.17	672	28,785.80	133	2,748.03	2	30	844	41,312.00
UID East Java	-	-	-	-	-	-	-	-	-	-	-	-
UID Central Java and Yogyakarta	-	-	-	-	-	-	-	-	-	-	-	-
- Central Java	-	-	-	-	-	-	-	-	-	-	-	-
- D.I. Yogyakarta	-	-	-	-	-	-	-	-	-	-	-	-
UID West Java	-	-	-	-	-	-	-	-	-	-	-	-
UID Banten	-	-	-	-	-	-	-	-	-	-	-	-
UID Jakarta Raya	-	-	-	-	-	-	-	-	-	-	-	-
PT Indonesia Power	-	-	-	-	-	-	-	-	-	-	-	-
PT PJB	-	-	-	-	-	-	-	-	-	-	-	-
UIT Western Part of Java	34	15,834.21	-	-	348	20,786.00	8	220.00	-	-	390	36,840.21
UIT Central Part of Java	25	12,500.00	-	-	429	25,672.00	66	1,603.00	-	-	520	39,775.00
UIT Eastern Part of Java and Bali	16	8,014.00	-	-	299	17,139.00	54	1,328.00	-	-	369	26,481.00
Java	75	36,348.21	-	-	1,076	63,597.00	128	3,151.00	-	-	1,279	103,096.21
Indonesia	75	36,348.21	37	9,748.17	1,748	92,382.80	261	5,899.03	2	30	2,123	144,408.21

Table 31 : Number and Total Capacity of Substation Transformers**2019**

PLN Operational Unit/Province	20 kV		12-15 kV		6-7 kV		Total	
	Unit	MVA	Unit	MVA	Unit	MVA	Unit	MVA
UIW Aceh	12,581	983.69	-	-	-	-	12,581	983.69
UIW North Sumatera	32,839	3,008.70	-	-	-	-	32,839	3,008.70
UIW West Sumatera	10,684	1,119.37	-	-	-	-	10,684	1,119.37
UIW Riau and Riau Archipelago	14,165	1,750.27	-	-	-	-	14,165	1,750.27
- Riau	11,973	1,495.20	-	-	-	-	11,973	1,495.20
- Riau Archipelago	2,192	255.07	-	-	-	-	2,192	255.07
UIW South Sumatera, Jambi and Bengkulu	23,849	2,295.00	-	-	-	-	23,849	2,295.00
- South Sumatera	12,631	1,318.45	-	-	-	-	12,631	1,318.45
- Jambi	7,494	650.52	-	-	-	-	7,494	650.52
- Bengkulu	3,724	326.03	-	-	-	-	3,724	326.03
UIW Bangka Belitung	4,846	545.10	-	-	-	-	4,846	545.10
UID Lampung	13,771	1,637.41	-	-	-	-	13,771	1,637.41
UIW West Kalimantan	9,815	942.16	-	-	-	-	9,815	942.16
UIW S and C Kalimantan	15,236	1,101.47	-	-	-	-	15,236	1,101.47
- South Kalimantan	9,892	712.05	-	-	-	-	9,892	712.05
- Central Kalimantan	5,344	389.42	-	-	-	-	5,344	389.42
UIW East and North Kalimantan	9,540	1,292.26	-	-	-	-	9,540	1,292.26
UIW N, C Sulawesi and Gorontalo	13,933	1,214.16	-	-	-	-	13,933	1,214.16
- North Sulawesi	5,582	533.41	-	-	-	-	5,582	533.41
- Gorontalo	2,415	203.43	-	-	-	-	2,415	203.43
- Central Sulawesi	5,936	477.33	-	-	-	-	5,936	477.33
UIW S, SE and W Sulawesi	27,915	2,637.40	-	-	-	-	27,915	2,637.40
- South Sulawesi	19,860	2,061.57	-	-	-	-	19,860	2,061.57
- Southeast Sulawesi	5,220	410.30	-	-	-	-	5,220	410.30
- West Sulawesi	2,835	165.53	-	-	-	-	2,835	165.53
UIW Maluku and North Maluku	4,706	446.89	-	-	-	-	4,706	446.89
- Maluku	2,777	260.61	-	-	-	-	2,777	260.61
- North Maluku	1,929	186.27	-	-	-	-	1,929	186.27
UIW Papua and West Papua	4,490	558.39	-	-	-	-	4,490	558.39
- Papua	2,707	315.88	-	-	-	-	2,707	315.88
- West Papua	1,783	242.51	-	-	-	-	1,783	242.51
UID Bali	11,739	1,887.83	-	-	-	-	11,739	1,887.83
UIW West Nusa Tenggara	5,633	710.01	-	-	-	-	5,633	710.01
UIW East Nusa Tenggara	4,821	359.49	-	-	-	-	4,821	359.49
PT PLN Batam	-	-	-	-	-	-	-	-
PT PLN Tarakan	-	-	-	-	-	-	-	-
UIK Northern Part of Sumatera	-	-	-	-	-	-	-	-
UIK Southern Part of Sumatera	-	-	-	-	-	-	-	-
UIP3B Sumatera	-	-	-	-	-	-	-	-
Outside Java	220,563	22,489.60	-	-	-	-	220,563	22,489.60
UID East Java	65,541	8,297.70	-	-	-	-	65,541	8,297.70
UID Central Java and Yogyakarta	136,008	7,354.83	-	-	-	-	136,008	7,354.83
- Central Java	118,555	6,369.14	-	-	-	-	118,555	6,369.14
- D.I. Yogyakarta	17,453	985.69	-	-	-	-	17,453	985.69
UID West Java	56,593	9,559.47	-	-	-	-	56,593	9,559.47
UID Banten	15,506	3,717.92	-	-	-	-	15,506	3,717.92
UID Jakarta Raya	13,828	7,629.86	-	-	-	-	13,828	7,629.86
PT Indonesia Power	-	-	-	-	-	-	-	-
PT PJB	-	-	-	-	-	-	-	-
UIT Western Part of Java	-	-	-	-	-	-	-	-
UIT Central Part of Java	-	-	-	-	-	-	-	-
UIT Eastern Part of Java and Bali	-	-	-	-	-	-	-	-
Java	287,476	36,559.78	-	-	-	-	287,476	36,559.78
Indonesia	508,039	59,049.38	-	-	-	-	508,039	59,049.38

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Table 32 : Balance Sheet (million Rp)

2019

Description	Description	December 2018
FIXED ASSETS	EQUITY	929,380,413
- Total Fixed Assets	1,276,632,534	
- Accumulation Depreciation	(63,380,876)	
Total Fixed Assets (Net)	1,213,251,658	Total Equity & Deferred Revenue
		929,380,413
	LONG TERM LIABILITIES	496,376,447
Work in Progress	187,433,460	- Deferred Tax
		- Long Term Liabilities
Other Assets	19,534,851	- Bond Payable
		- Other Long Term Liabilities
Receivables from Related Parties	951,643	- Electricity Purchase Payable
		- Employee Benefit Obligations
Long Term Investment	10,300,765	
Deferred Tax Assets	2,215,963	CURRENT LIABILITIES
		159,298,153
CURRENT ASSETS		
- Cash & Bank	46,598,783	
- Government Subsidy	-	
- Temporary Investment	334,153	
- Receivable	25,130,538	
- Inventories	12,934,233	
- Other Current Assets	66,368,966	
Total Current Assets	151,366,673	Total Long Term & Current Liabilities
TOTAL ASSETS	1,585,055,013	TOTAL EQUITY & LIABILITIES
		1,585,055,013

Table 33 : Profit and Loss (million Rp) **2019**

Description	December 2019
OPERATION REVENUE	
- Electricity Sales	276,061,925
- Connection Fees	6,934,597
- Others	2,644,067
Total Operation Revenue	285,640,589
OPERATION COST	
- Electricity Purchase and Diesel Rented	87,181,367
- Fuel and Lubricant Oil	136,084,482
- Maintenance	22,328,178
- Personnel	25,908,771
- Depreciation	35,318,071
- Others	8,620,069
Total Operation Cost	315,440,938
PROFIT (LOSS) FROM SUBSIDY	
(29,800,349)	
- Government Subsidy	51,711,774
- Compensation Income	22,253,517
PROFIT (LOSS) FROM SUBSIDY	44,164,942

Table 34 : Fixed Asset and Depreciation (million Rp) **2019**

Function	Saldo 2019	Accumulated Depreciation	Book Value 2019
- Hydro	94,755,614.70	2,565,626.22	92,189,988.48
- Steam	348,623,842.47	28,703,354.67	319,920,487.79
- Diesel	24,949,093.29	1,679,546.61	23,269,546.67
- Gas Turbine	63,819,984.02	2,532,585.09	61,287,398.92
- Geothermal	17,390,129.30	627,661.20	16,762,468.10
- Combined Cycle	185,282,411.09	5,816,851.89	179,465,559.20
- Sun	580,201.39	35,052.04	545,149.36
- Transmission	252,830,701.90	5,999,315.37	246,831,386.53
- Data Tele Information	7,170,208.56	2,414,425.43	4,755,783.13
- Distribution and UPD	229,828,213.01	8,864,891.11	220,963,321.90
- T U L	4,298,220.20	508,691.92	3,789,528.28
- T U	47,103,914.24	3,632,874.83	43,471,039.41
TOTAL	1,276,632,534.16	63,380,876.39	1,213,251,657.78

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Table 35 : Accounts Receivable (million Rp)

2019

PLN Operational Unit	Non					Total
	Public	Armed Force	Non Armed Force	Local Government	BUMN	
UIW Aceh	151,382.33	29,447.52	3,535.09	68,141.29	7,373.31	259,879.53
UIW North Sumatera	884,299.43	33,109.03	12,185.22	58,405.96	20,661.16	1,008,660.80
UIW West Sumatera	181,821.85	7,828.78	6,389.80	20,486.71	82,139.19	298,666.33
UIW Riau	372,038.77	19,415.45	6,276.92	208,425.24	8,114.42	614,270.81
UIW South Sumatera, Jambi and Bengkulu	723,303.47	34,487.86	9,932.00	61,151.14	22,491.79	851,366.26
UIW Bangka Belitung	38,687.14	1,300.19	1,191.25	3,290.05	3,447.34	47,915.97
UID Lampung	422,771.09	3,335.91	5,015.36	35,078.97	4,528.43	470,729.76
UIW West Kalimantan	201,247.72	18,706.82	3,704.33	13,433.94	3,497.41	240,590.21
UIW S and C Kalimantan	330,800.38	15,177.22	6,607.10	23,744.60	13,243.88	389,573.17
UIW East and North Kalimantan	264,977.36	31,280.07	6,320.75	25,763.69	14,561.35	342,903.23
UIW N, C Sulawesi and Gorontalo	254,238.80	22,217.37	7,832.06	65,379.69	6,272.09	355,940.00
UIW S, SE and W Sulawesi	785,835.18	42,944.83	14,368.62	40,617.65	23,761.81	907,528.09
UIW Maluku and North Maluku	72,094.52	18,879.67	4,972.03	7,325.62	5,607.25	108,879.07
UIW Papua and West Papua	86,280.51	36,980.68	5,450.52	10,148.68	5,701.10	144,561.50
UID Bali	488,865.10	10,094.95	7,030.00	14,003.48	6,670.99	526,664.53
UIW West Nusa Tenggara	110,178.82	2,865.41	2,118.44	13,434.83	3,821.01	132,418.51
UIW East Nusa Tenggara	20,748.65	6,505.35	2,738.65	4,294.15	5,552.64	39,839.43
PT PLN Batam	285,959.23	3,617.29	1,278.50	2,506.24	654.84	294,016.10
Outside Java	5,675,530.35	338,194.40	106,946.64	675,631.93	238,100.01	7,034,403.30
UID East Java	3,318,689.14	78,080.52	32,829.16	103,399.94	158,246.05	3,691,244.82
UID Central Java and Yogyakarta	2,046,000.30	48,123.65	37,367.79	85,902.70	28,441.63	2,245,836.08
UID West Java	4,880,652.66	88,373.85	32,664.52	78,825.79	59,035.79	5,139,552.61
UID Jakarta Raya	3,294,365.00	237,799.78	112,344.06	82,789.56	23,527.70	3,750,826.09
UID Banten	2,452,667.94	17,342.73	10,803.09	19,569.22	275,882.59	2,776,265.58
Java	15,992,375.04	469,720.53	226,008.62	370,487.21	545,133.76	17,603,725.18
Indonesia	21,667,905.39	807,914.93	332,955.26	1,046,119.14	783,233.77	24,638,128.48

Catatan: Data diambil dari Aplikasi Pengelolaan Pelanggan Terpusat (AP2T)

Table 36 : Average Collection Rate**2019**

PLN Operational Unit	Sales (million Rp)	Accounts Receivable (million Rp)	Average (day)
UIW Aceh	2,742,322.92	259,879.53	34.59
UIW North Sumatera	12,143,329.77	1,008,660.80	30.32
UIW West Sumatera	3,709,076.57	298,666.33	29.39
UIW Riau and Riau Archipelago	6,863,632.75	614,270.81	32.67
UIW South Sumatera, Jambi and Bengkulu	9,444,161.42	851,366.26	32.90
UIW Bangka Belitung	1,457,699.90	47,915.97	12.00
UID Lampung	5,057,648.69	470,729.76	33.97
UIW West Kalimantan	2,875,379.04	240,590.21	30.54
UIW S and C Kalimantan	4,712,980.00	389,573.17	30.17
UIW East and North Kalimantan	4,962,241.74	342,903.23	25.22
UIW N, C Sulawesi and Gorontalo	3,768,840.74	355,940.00	34.47
UIW S, SE and W Sulawesi	8,299,814.66	907,528.09	39.91
UIW Maluku and North Maluku	1,229,940.15	108,879.07	32.31
UIW Papua and West Papua	2,000,135.01	144,561.50	26.38
UID Bali	7,311,018.54	526,664.53	26.29
UIW West Nusa Tenggara	2,018,374.84	132,418.51	23.95
UIW East Nusa Tenggara	1,174,228.85	39,839.43	12.38
PT PLN Batam	3,486,956.94	294,016.10	30.78
Outside Java	83,257,782.53	7,034,403.30	30.84
UID East Java	40,046,194.58	3,691,244.82	33.64
UID Central Java and Yogyakarta	28,768,679.10	2,245,836.08	28.49
UID West Java	56,036,626.87	5,139,552.61	33.48
UID Jakarta Raya	43,120,693.99	3,750,826.09	31.75
UID Banten	26,287,083.34	2,776,265.58	38.55
Java	194,259,277.88	18,130,389.71	34.07
Indonesia	277,517,060.41	24,638,128.49	32.40

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Table 37 : Generation Cost

2019

Generation Type	Generation Cost (million Rp)					
	Fuel	Maintenance	Depreciation	Other	Personnel	Total
Hydro	706,998.96	346,186.00	2,326,991.54	69,740.46	283,615.22	3,733,532.17
Steam	54,883,182.25	5,833,276.76	11,273,798.84	280,990.17	1,317,047.52	73,588,295.53
Diesel *)	21,382,513.35	1,942,778.84	1,042,460.37	109,181.81	728,726.08	25,205,660.45
Gas Turbine	15,468,765.50	868,755.81	1,679,454.81	78,071.82	221,643.03	18,316,690.97
Geothermal	3,423,986.91	74,901.29	482,947.19	2,200.54	111,992.40	4,096,028.34
Combined Cycle	40,219,035.08	1,031,372.17	4,953,905.12	187,343.34	527,516.27	46,919,171.99
Sun	-	4,233.57	34,386.96	582.12	4,817.17	44,019.82
Total	136,084,482.05	10,101,504.45	21,793,944.83	728,110.26	3,195,357.68	171,903,399.27
Rented						3,617,375.77

*) Including Diesel Gas

Table 38 : Average Generation Cost per kWh

2019

Generation Type	Average Generation Cost per kWh (Rp/kWh)						
	Fuel	Maintenance	Depreciation	Other	Personnel	Interest Expense	
Hydro	71.58	35.05	235.60	7.06	28.71	221.71	599.71
Steam	445.85	47.49	91.79	2.29	10.72	54.98	653.12
Diesel *)	2,454.32	387.44	207.89	21.77	145.33	91.51	3,308.26
Gas Turbine	1,908.93	126.51	244.57	11.37	32.28	246.37	2,570.03
Geothermal	833.03	18.22	117.50	0.54	27.25	194.72	1,191.25
Combined Cycle	1,065.18	27.32	131.20	4.96	13.97	115.11	1,357.75
Sun	-	898.51	7,298.11	123.55	1,022.37	1,975.43	11,317.97
Average	968.41	220.08	1,189.52	24.51	182.95	414.26	2,999.73
Rented							2,141.37

*) Including Diesel Gas

Table 39 : Financial Ratios**2019**

Indicator	Unit	2019
I. Financial Indicators		
- Cash	%	0.29
- Rentability Ratio	%	0.47
- Solvability Ratio	%	41.37
- Liquidity Ratio	%	95.02
II. Financial Covenant		
- CICR	Times	3.11
- Financial Liabilities to Total Assets	%	28.17
- EBITDA Interest Coverage Ratio	Times	3.32
III. Operating Activity (Financial)		
- Fixed Assets Turnover	Times	0.20
- Average Period or Receivable Collection	Day	32.35
- Receivable Turnover	Times	11.28
- Material Turnover	Times	5.02

Annual Data 2019

Table 40 : Number of Employees by Grade

2019

PLN Operational Unit/Province	Integration (0-3)	Advance (4-6)	Optimazion (7-10)	System (11-14)	Specific (15-18)	Basic (19-26)	Total
UIW Aceh	374	407	193	12	2	1	989
UIW North Sumatera	550	612	193	17	4	-	1,376
UIW West Sumatera	390	391	138	8	1	-	928
UIW Riau and Riau Archipelago	365	414	125	11	1	-	916
UIW South Sumatera, Jambi and Bengkulu	392	487	161	9	2	1	1,052
UIW Bangka Belitung	164	150	64	6	2	-	386
UID Lampung	228	305	74	11	2	-	620
UIW West Kalimantan	368	307	138	9	1	-	823
UIW S and C Kalimantan	402	328	201	14	1	1	947
UIW East and North Kalimantan	451	197	113	11	2	-	774
UIW N, C Sulawesi and Gorontolo	504	462	163	16	2	-	1,147
UIW S, SE and W Sulawesi	666	610	255	23	5	-	1,559
UIW Maluku and North Maluku	557	289	135	8	2	-	991
UIW Papua and West Papua	745	343	117	11	1	-	1,217
UID Bali	210	354	135	12	4	1	716
UIW West Nusa Tenggara	472	372	105	16	1	-	966
UIW East Nusa Tenggara	463	381	101	12	2	-	959
PT PLN Batam	-	-	-	-	-	-	427
PT PLN Tarakan	-	-	-	-	-	-	-
UIK Northern Part of Sumatera	738	387	151	8	2	1	1,287
UIK Southern Part of Sumatera	646	533	180	13	2	1	1,375
UIP3B Sumatera	993	631	154	20	1	1	1,800
UIKL Sulawesi	663	491	154	15	-	-	1,323
UIKL Kalimantan	812	441	171	16	-	1	1,441
Outside Java	11,153	8,892	3,221	278	40	8	24,019
UID East Java	765	1,183	357	43	9	1	2,358
UID Central Java and Yogyakarta	650	894	265	44	6	1	1,860
UID West Java	719	1,093	496	30	7	1	2,346
UID Banten	277	396	162	13	3	1	852
UID Jakarta Raya	377	723	427	28	7	1	1,563
PT Indonesia Power	-	-	-	-	-	-	4,308
PT PJB	-	-	-	-	-	-	3,176
UIT Western Part of Java	429	446	121	15	1	1	1,013
UIT Central Part of Java	845	683	172	20	3	-	1,723
UIT Eastern Part of Java and Bali	544	458	134	19	1	-	1,156
UIP2B	116	265	96	18	4	1	500
UIK Tanjung Jati B	5	35	18	8	-	1	67
Java	4,727	6,176	2,248	238	41	8	20,922
PLN Head Office	164	1,935	664	263	225	57	3,308
PLN Supporting and Service Unit	358	838	321	93	35	4	1,649
PLN Construction Unit	960	1,529	444	108	31	2	3,074
Other Subsidiaries	-	-	-	-	-	-	1,157
Indonesia	17,362	19,370	6,898	980	372	79	54,129

Table 41 : Number of Employees by Education**2019**

PLN Operational Unit/Province	<= D1-D3	D4-S1	S2	S3	Total
UIW Aceh	733	247	9	-	989
UIW North Sumatera	944	420	12	-	1,376
UIW West Sumatera	654	264	10	-	928
UIW Riau and Riau Archipelago	719	187	10	-	916
UIW South Sumatera, Jambi and Bengkulu	686	350	16	-	1,052
UIW Bangka Belitung	264	113	9	-	386
UID Lampung	373	233	14	-	620
UIW West Kalimantan	564	254	5	-	823
UIW S and C Kalimantan	669	262	16	-	947
UIW East and North Kalimantan	580	180	13	1	774
UIW N, C Sulawesi and Gorontolo	837	304	6	-	1,147
UIW S, SE and W Sulawesi	1,034	510	15	-	1,559
UIW Maluku and North Maluku	850	134	7	-	991
UIW Papua and West Papua	1,007	200	10	-	1,217
UID Bali	477	222	17	-	716
UIW West Nusa Tenggara	759	195	12	-	966
UIW East Nusa Tenggara	774	174	11	-	959
PT PLN Batam	-	-	-	-	427
PT PLN Tarakan	-	-	-	-	-
UIK Northern Part of Sumatera	923	353	11	-	1,287
UIK Southern Part of Sumatera	1,017	345	13	-	1,375
UIP3B Sumatera	1,384	398	18	-	1,800
UIKL Sulawesi	916	394	13	-	1,323
UIKL Kalimantan	1,127	295	19	-	1,441
Outside Java	17,291	6,034	266	1	24,019
UID East Java	1,495	808	55	-	2,358
UID Central Java and Yogyakarta	1,245	576	39	-	1,860
UID West Java	1,498	816	32	-	2,346
UID Banten	504	331	17	-	852
UID Jakarta Raya	1,017	519	27	-	1,563
PT Indonesia Power	-	-	-	-	4,308
PT PJB	-	-	-	-	3,176
UIT Western Part of Java	713	281	19	-	1,013
UIT Central Part of Java	1,270	431	22	-	1,723
UIT Eastern Part of Java and Bali	843	296	17	-	1,156
UIP2B	218	258	24	-	500
UIK Tanjung Jati B	21	38	8	-	67
Java	8,824	4,354	260	-	20,922
PLN Head Office	454	2,379	466	9	3,308
PLN Supporting and Service Unit	649	862	137	1	1,649
PLN Construction Unit	1,326	1,629	119	-	3,074
Other Subsidiaries	-	-	-	-	1,157
Indonesia	28,544	15,258	1,248	11	54,129

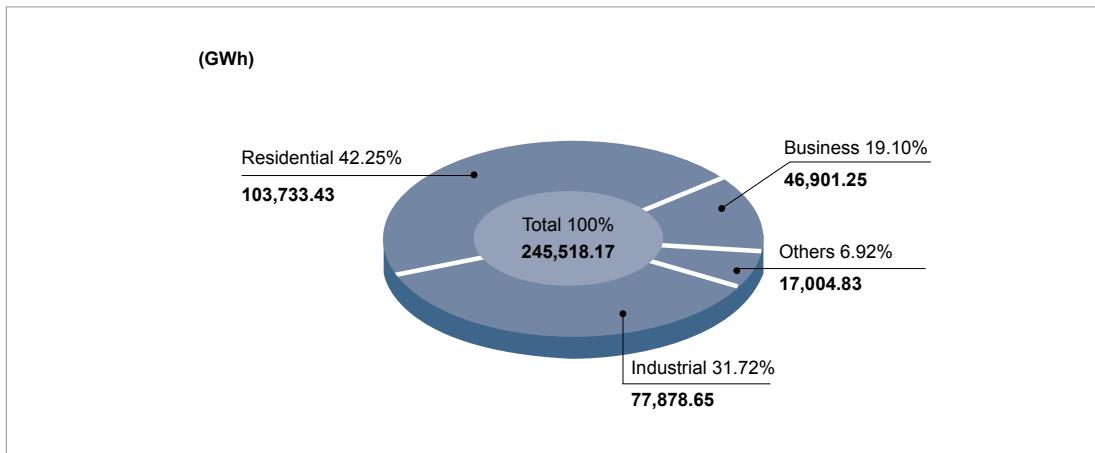
Annual Data 2019

Table 42 : Productivity of Employee

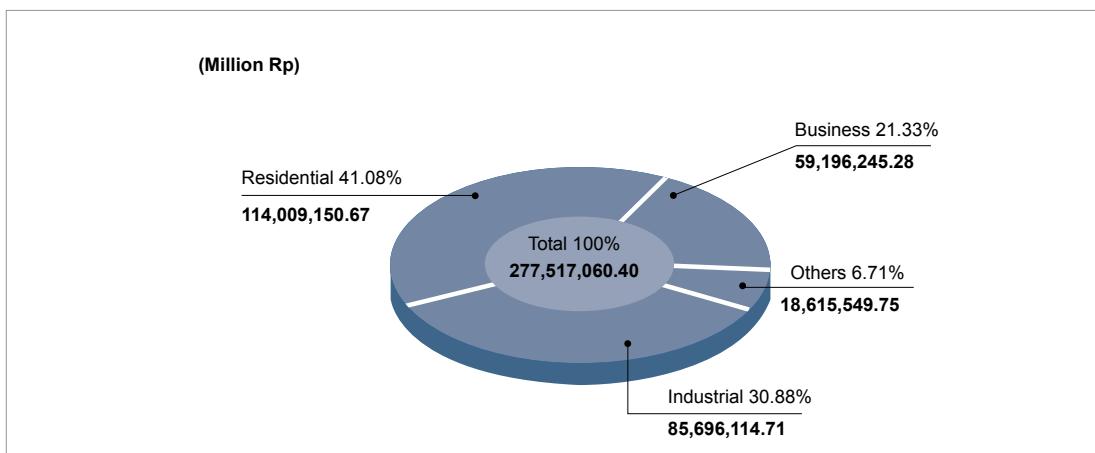
2019

PLN Operational Unit/Province	Customers per Employee	kWh Sold per Employee
UIW Aceh	1,509.98	2,812,436.80
UIW North Sumatera	2,765.34	7,953,386.63
UIW West Sumatera	1,527.43	3,712,381.47
UIW Riau and Riau Archipelago	2,189.68	6,040,436.68
UIW South Sumatera, Jambi and Bengkulu	3,396.11	7,739,106.46
UIW Bangka Belitung	1,223.28	3,023,134.71
uid Lampung	3,576.94	7,558,209.68
UIW West Kalimantan	1,446.32	3,125,990.28
UIW S and C Kalimantan	1,999.86	4,411,731.78
UIW East and North Kalimantan	1,532.06	5,107,080.10
UIW N, C Sulawesi and Gorontolo	1,459.70	3,026,364.43
UIW S, SE and W Sulawesi	2,024.99	4,690,667.09
UIW Maluku and North Maluku	631.27	1,066,236.13
UIW Papua and West Papua	549.18	1,288,126.54
UID Bali	2,048.53	7,970,279.33
UIW West Nusa Tenggara	1,552.96	2,018,778.47
UIW East Nusa Tenggara	851.35	1,042,231.49
UIK Northern Part of Sumatera	-	-
UIK Southern Part of Sumatera	-	-
UIP3B Sumatera	-	-
Outside Java	1,236.13	2,944,479.91
UID East Java	5,094.73	15,788,350.30
UID Central Java and Yogyakarta	6,264.58	14,939,123.66
UID Banten	3,915.21	27,681,103.29
UID West Java	6,235.85	21,689,676.04
UID Jakarta Raya	2,932.63	21,822,124.12
PT Indonesia Power	-	-
PT PJB	-	-
UIP2B	-	-
UIK Tanjung Jati B	-	-
UIK Java Bali	-	-
Java	3,439.07	12,917,990.03
Indonesia (without Subsidiaries)	1,672.78	5,393,979.72
PT PLN Batam	769.35	5,761,241.22
PLN Head office	-	-
PLN Supporting and Service Unit	-	-
PT PJB	-	-
PLN Construction Unit	-	-
Other Subsidiaries	-	-
Indonesia	1,398.61	4,535,797.26

Graph 1. Energy Sold by Type of Customers (2019)

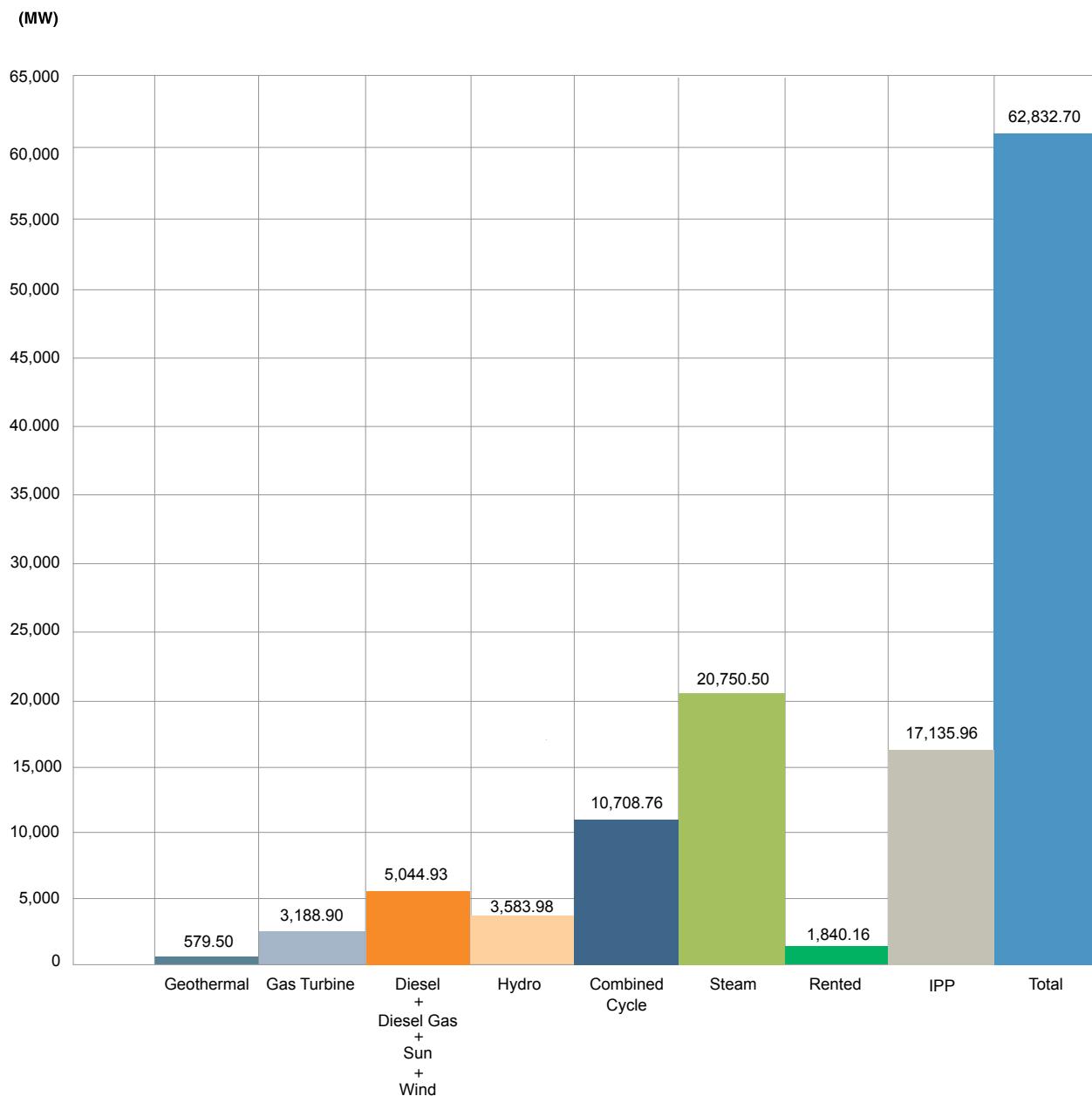


Graph 2. Revenue (2019)

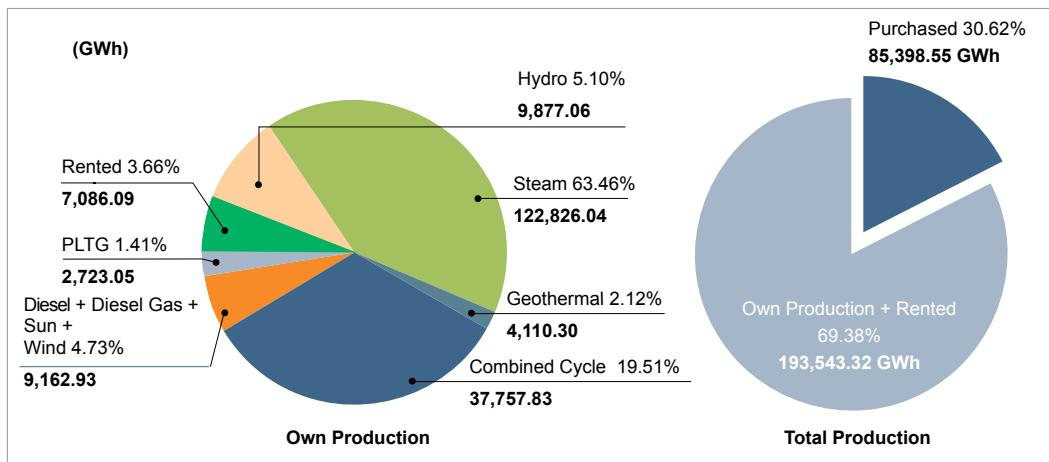


Annual Data 2019

Graph 3. Installed Capacity (2019)



Graph 4. Energy Production (2019)





Data Over Nine Years

2011 - 2019



Data Over Nine Years 2011 - 2019

Table 43 : Load Factor, Capacity Factor and Demand Factor (%)

2011 - 2019

Year	Load Factor	Capacity Factor	Demand Factor
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
2016	62.62	51.92	49.55
2017	74.93	51.98	39.75
2018	78.64	52.73	37.20
2019	76.41	50.68	37.72

Table 44 : Number of Customer by Type of Customers

2011 - 2019

Year	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	Δ %
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	146,321	57,468,256	6.47
2015	56,605,260	63,314	2,894,990	1,261,516	156,782	156,782	61,138,644	6.39
2016	59,243,672	69,629	3,239,764	1,354,010	169,478	205,940	64,282,493	5.14
2017	62,543,434	76,816	3,579,364	1,460,546	182,874	225,249	68,068,283	5.89
2018	66,071,133	88,185	3,750,666	1,559,997	198,113	249,303	71,917,397	5.66
2019	69,619,877	104,922	3,829,553	1,662,926	211,947	276,389	75,705,614	5.27

Data Over Nine Years 2011 - 2019

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

2011 - 2019

Year	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	Δ %
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	93,094.84	10.96
2014	48,374.47	23,541.97	21,223.71	3,537.17	2,390.43	962.78	100,030.53	7.45
2015	51,654.89	25,024.02	22,477.28	3,861.60	2,560.54	1,003.90	106,582.23	6.55
2016	55,284.60	26,569.81	24,362.27	4,334.47	2,753.49	1,042.98	114,347.62	7.29
2017	59,257.37	27,584.67	26,197.72	4,897.48	2,979.73	1,100.66	122,017.63	6.71
2018	63,576.71	29,136.29	27,751.75	5,462.73	3,195.56	1,157.51	130,280.55	6.77
2019	67,877.52	30,433.91	29,180.45	5,993.45	3,360.50	1,230.70	138,076.53	5.98

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

2011 - 2019

Year	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	Δ %
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	64,381.39	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
2016	93,634.61	68,145.30	40,074.39	6,630.80	4,021.61	3,497.58	216,004.29	6.49
2017	94,457.38	72,238.37	41,694.79	7,095.37	4,121.26	3,526.55	223,133.72	3.30
2018	97,832.28	76,946.50	44,027.40	7,781.34	4,403.28	3,627.07	234,617.88	5.15
2019	103,733.43	77,878.65	46,901.25	8,621.83	4,750.29	3,632.71	245,518.17	4.65

Table 47 : Average Energy Sold by Type of Customers (kWh)**2011 - 2019**

Year	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total
2011	1,529.00	1,086,584.00	13,813.00	4,144.00	23,175.00	22,915.00	3,442.00
2012	1,561.00	1,142,704.00	13,969.00	4,353.00	23,838.00	21,905.00	3,494.00
2013	1,540.64	1,159,064.47	14,264.78	4,447.78	23,669.14	20,588.66	3,473.22
2014	1,577.00	1,129,540.00	13,816.00	4,609.00	23,811.00	19,812.00	3,454.00
2015	1,567.00	1,012,089.00	12,773.00	4,709.00	23,709.00	18,526.00	3,454.00
2016	1,581.00	978,692.00	12,370.00	4,897.00	23,729.00	16,984.00	3,360.00
2017	1,510.00	940,408.00	11,649.00	4,858.00	22,536.00	15,656.00	3,278.00
2018	1,481.00	872,558.00	11,739.00	4,988.00	22,226.00	14,549.00	3,262.00
2019	1,490.00	742,252.82	12,247.19	5,184.73	22,412.63	13,143.47	3,243.06

Table 48 : Revenue by Type of Customers (million Rp)**2011 - 2019**

Year	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total	Δ %
2011	40,235,456.00	38,059,555.00	26,921,435.00	2,581,448.00	2,618,957.00	2,428,002.00	112,844,853.00	9.59
2012	45,563,161.00	42,719,802.00	29,910,220.00	3,045,953.00	2,961,191.00	2,521,320.00	126,721,647.00	12.30
2013	53,434,177.68	51,270,325.92	38,520,052.47	3,738,258.85	3,561,414.95	2,961,376.43	153,485,606.31	21.12
2014	63,750,951.00	64,443,791.00	45,928,833.00	4,411,530.00	4,376,594.00	3,722,786.00	186,634,484.00	21.60
2015	74,228,270.00	73,225,020.00	47,485,994.00	4,826,716.00	4,923,417.00	5,155,124.00	209,844,540.00	12.44
2016	79,001,584.00	71,676,300.00	48,135,789.00	5,410,427.00	4,965,551.00	4,950,171.00	214,139,821.00	2.05
2017	99,747,380.00	78,652,788.00	51,935,757.00	5,827,691.00	5,269,214.00	5,154,027.00	246,586,856.00	15.15
2018	107,853,456.00	83,510,376.00	54,769,851.00	6,405,714.00	5,636,698.00	5,301,458.00	263,477,551.00	6.85
2019	114,009,150.67	85,696,114.71	59,196,245.28	7,164,127.64	6,135,914.18	5,315,507.93	277,517,060.40	5.33

Data Over Nine Years 2011 - 2019

Table 49 : Average Tariff Selling of Electricity by Type of Customers (Rp/kWh)

2011 - 2019

Year	Residential	Industrial	Business	Social	Gov. Office Building	Publ. Street Lighting	Total
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
2016	843.72	1,051.82	1,201.16	815.96	1,234.72	1,415.31	991.37
2017	1,056.00	1,088.80	1,245.62	821.34	1,278.54	1,461.49	1,105.11
2018	1,102.43	1,085.30	1,243.99	823.21	1,280.11	1,461.64	1,123.01
2019	1,098.82	1,100.69	1,258.34	830.68	1,291.45	1,465.09	1,129.59

Table 50 : Number of Customers by Type of Voltage

2011 - 2019

Year	Voltage				Total	Δ %
	Low	Medium	High	Multipurpose/ Special Services		
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
2016	64,149,582	132,739	88	84	64,282,493	5.09
2017	67,922,448	145,742	93	-	68,068,283	5.89
2018	71,822,662	94,637	98	-	71,917,397	5.60
2019	75,600,176	105,337	101	-	75,705,614	5.38

Table 51 : Energy Sold by Type of Voltage (GWh)**2011 - 2019**

Year	Voltage				Total	Δ %
	Low	Medium	High	Multipurpose/ Special Services		
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
2016	130,491.48	70,763.02	14,414.70	335.12	216,004.32	6.49
2017	133,030.86	73,495.63	16,607.23	-	223,133.72	3.30
2018	139,068.86	77,305.52	18,243.50	-	234,617.88	5.15
2019	147,692.30	80,301.73	17,524.10	-	245,518.13	5.03

Table 52 : Revenue by Type of Voltage (million Rp)**2011 - 2019**

Year	Voltage				Total	Δ %
	Low	Medium	High	Multipurpose/ Special Services		
2011	64,294,933.00	40,848,085.00	7,701,835.00	-	112,844,853.00	9.59
2012	71,438,336.00	44,156,705.00	8,372,715.00	2,753,891.00	126,721,647.00	12.30
2013	84,313,920.84	55,756,540.14	9,345,647.82	4,069,497.51	153,485,606.31	21.12
2014	102,520,584.00	69,033,065.00	12,353,013.00	2,727,823.00	186,634,484.00	21.60
2015	117,631,504.00	77,659,563.00	13,254,127.00	1,299,347.00	209,844,541.00	12.44
2016	123,459,196.00	75,683,817.00	13,954,290.00	1,042,518.00	214,139,821.00	2.05
2017	147,582,478.00	80,555,694.00	16,620,063.00	1,828,621.00	246,586,856.00	15.15
2018	158,754,942.00	84,596,718.00	18,232,665.00	1,893,225.00	263,477,551.00	6.85
2019	168,423,641.08	88,927,866.01	17,826,867.44	2,338,685.88	277,517,060.41	5.33

Data Over Nine Years 2011 - 2019

Table 53 : Own Use and Energy Losses

2011 - 2019

Year	Own Use *)		Energy Losses & Own Use					
			Transmission		Distribution		Total	
	(GWh)	(%)	(GWh)	(%)	(GWh)	(%)	(GWh)	(%)
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	7,842.24	4.47	5,224.63	2.37	16,198.66	7.52	22,005.98	9.97
2015	8,258.56	4.67	5,248.08	2.33	16,810.27	7.62	22,589.01	10.00
2016	9,060.67	4.93	5,486.54	2.29	17,219.45	7.19	23,358.90	9.75
2017	9,233.26	5.50	5,865.60	2.39	15,619.45	6.53	22,147.47	9.02
2018	9,616.42	5.10	5,969.98	2.32	18,510.36	7.37	25,093.26	9.75
2019	9,910.95	5.12	6,073.34	2.26	19,006.53	7.24	25,822.86	9.60

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

Table 54 : Number of Generating Units *)

2011 - 2019

Year	Hydro	Steam	Gas Turbine	Combined Cycle	Geo-thermal	Diesel	Diesel Gas	Sun	Wind	Biomass	Total	Δ %
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	97	81	65	15	4,471	-	56	6	-	5,015	1.83
2015***)	232	114	72	65	15	4,655	-	58	7	-	5,218	4.21
2016	232	107	75	66	15	4,665	-	68	7	-	5,235	0.52
2017	240	104	97	69	15	4,801	-	57	6	-	5,389	2.94
2018	266	110	98	74	22	5,327	-	78	5	-	5,980	10.97
2019	243	133	68	73	18	5,350	-	96	5	1	5,987	0.10

*) PLN's Power Plant

**) Revised Number of Generating Unit

***) In 2015, there were asset deletion of PLTG in PLN Generation of Northern Sumatera and PLN East Kalimantan

Table 55 : Installed Capacity (MW) ***2011 - 2019**

Year	Hydro	Steam	Gas Turbine	Combined Cycle	Geo-thermal	Diesel	Diesel Gas	Sun	Wind	Total	Δ %
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**)	3,526.90	18,421.67	3,012.10	8,886.11	573.00	2,798.55	-	8.73	0.49	37,227.55	8.83
2015**)	3,566.15	21,117.15	2,981.31	8,894.11	550.89	3,175.79	-	8.86	0.99	40,295.25	11.89
2016	3,567.83	19,856.35	3,208.15	9,204.11	580.89	3,353.80	-	12.94	0.99	39,785.06	3.97
2017***)	3,583.15	19,530.50	3,075.83	9,022.54	550.89	3,880.02	-	7.98	0.88	39,651.79	-0.33
2018	3,582.98	20,192.00	3,133.61	9,812.11	579.50	4,383.42	-	12.07	0.47	41,696.17	5.16
2019	3,583.98	20,750.50	3,188.90	10,708.76	579.50	5,029.31	-	14.65	0.47	43,856.08	5.18

*) PLN's Power Plant

**) Revised Installed Capacity

***) Decrease in generating capacity due to asset deletion

Table 56 : Rated Capacity (MW) ***2011 - 2019**

Year	Hydro	Steam	Gas Turbine	Combined Cycle	Geo-thermal	Diesel	Diesel Gas	Sun	Wind	Total	Δ %
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**)	3,444.07	16,032.57	2,533.82	7,722.33	549.00	1,685.64	-	7.48	0.02	31,974.93	8.76
2015**)	3,473.18	17,798.74	2,486.42	7,571.23	516.43	1,902.77	-	6.54	0.02	33,755.32	6.99
2016	3,410.62	17,811.40	2,669.80	7,754.23	523.28	2,292.49	-	9.28	0.30	34,471.39	5.33
2017	3,470.89	17,150.20	2,608.89	7,698.57	508.89	2,488.73	-	5.66	-	33,931.83	-1.57
2018	3,471.05	17,138.73	2,605.46	8,937.52	541.54	2,750.86	-	7.20	0.08	35,452.44	4.48
2019	3,474.81	17,767.38	2,718.59	9,145.52	550.34	3,257.04	-	6.33	0.08	36,920.09	4.14

*) PLN's Power Plant

**) Revised Rated Capacity

Data Over Nine Years 2011 - 2019

Table 57 : Energy Production (GWh)

2011 - 2019

Year	Own Generated											Purchas-ed *)	Total	Δ %
	Hydro	Steam	Gas Turbine	Combined Cycle	Geo-thermal	Diesel	Diesel Gas	Wind	Sun	Rented	Sub Total			
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	-	-	5.28	19,841.57	176,472.21	57,509.77	233,981.99	2.37
2016	13,885.59	97,153.33	3,871.76	41,908.11	3,958.10	3,062.34	2,612.37	5.85	-	17,351.52	183,808.97	64,801.55	248,610.52	6.25
2017	12,425.17	105,651.39	1,891.92	38,074.10	4,095.99	5,833.76	-	5.53	-	13,447.20	181,425.07	73,234.72	254,659.78	2.43
2018	10,728.68	113,902.01	3,210.32	38,762.01	4,012.81	7,573.83	-	4.21	-	10,504.60	188,698.46	78,386.92	267,085.38	4.88
2019	9,877.06	122,826.04	2,723.05	37,757.83	4,110.30	5,014.43	4,143.79	-	4.71	7,086.09	193,543.32	85,398.55	278,941.07	4.11

*) Project Included

Table 58 : Consumption of Fuel

2011 - 2019

Year	Oil (kilo litre)				Coal (ton)	Natural Gas (MMSCF)
	HSD*)	IDO	MFO	Total		
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	4,372,743	2,244	904,266	5,473,892	48,125,940	456,494
2016	3,331,125	915	947,027	4,667,032	50,556,446	505,125
2017	2,579,123	580	718,462	3,598,223	54,711,847	447,072
2018	2,780,973	28	946,516	4,055,804	60,481,245	465,419
2019	2,746,816	329	371,618	3,118,762	67,008,829	479,776

*) Including biodiesel, olein, and etc.

Table 59 : Unit Price of Fuel**2011 - 2019**

Year	Oil (Rp/litre) *)				Coal	Natural Gas	Geothermal
	HSD	IDO	MFO	Average	(Rp/kg)	(Rp/MMSCF)	(Rp/kWh)
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
2016	5,725.51	4,715.78	3,783.04	4,855.19	611.23	101,123.24	722.41
2017	7,239.41	5,639.44	5,358.30	6,259.85	782.61	106,480.22	737.81
2018	9,419.48	8,422.00	4,125.75	7,421.62	767.08	119,115.94	841.42
2019	7,854.87	7,039.06	6,427.18	7,568.67	766.60	115,521.08	828.71

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

Table 60 : Length of Transmission Lines (kmc)**2011 - 2019**

Year	Voltage					Total	% Growth
	25 - 30 kV	70 kV	150 kV	275 kV	500 kV		
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
2016	60.33	4,669.32	32,423.02	1,856.48	5,056.27	44,065.42	5.72
2017	100.95	5,035.05	35,801.96	2,889.25	5,073.79	48,901.00	10.97
2018	100.95	5,341.98	39,304.50	3,312.47	5,218.38	53,278.27	8.95
2019	100.95	5,397.06	44,563.86	3,647.65	5,249.52	58,959.05	10.66

*) Revised data

Data Over Nine Years 2011 - 2019

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

2011 - 2019

Year	Medium Voltage			Total	Low Voltage
	6 - 7 kV	10 - 12 kV	15 - 20 kV		
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	490,944.15
2015 *)	5.36	3.12	342,970.50	342,978.98	500,119.41
2016	5.43	3.12	359,738.69	359,747.24	527,493.83
2017 **)	-	-	373,825.50	373,825.50	546,595.79
2018	-	-	388,953.99	388,953.99	564,505.52
2019	-	-	401,421.90	401,421.90	578,433.47

*) Revised Data for 2014 and 2015

**) Revised data, double counting on Disjaya

Data Over Nine Years 2015 - 2019

Table 62 : Balance Sheet (million Rp)

Description	2019	2018	2017	2016 **)	2015 *)
FIXED ASSET					
- Total Fixed Asset	1,276,632,534.16	1,162,049,951.04	1,129,128,795.00	1,086,392,644.58	1,133,420,742
- Accumulated Despreciation	(63,380,876.39)	(28,056,718.20)	(69,856,860.00)	(45,898,346.66)	(51,665,214)
Total Fixed Asset (Net)	1,213,251,657.78	1,133,993,232.84	1,059,271,935	1,040,494,298	1,081,755,528
Work in Progres	187,433,459.83	202,485,000.20	145,296,494.00	105,035,230	104,984,687
Other Assets	19,534,851.00	22,607,119.00	19,909,825.00	14,104,322.00	15,754,257.03
Long Term Investment	-	-	-	-	-
Inclusion	10,300,765.00	8,738,266.81	6,878,498.00	3,829,982.00	3,174,698.00
Defferred Tax Assets	2,215,963.00	7,578,386.00	9,566,473.00	9,882,003.00	29,088,271.00
Receivables from Related Parties	951,643.00	1,031,237.00	237,181.00	263,064.00	268,647.00
CURRENT ASSETS					
- Cash & Bank	46,598,783.00	33,294,560.00	42,291,959.00	41,909,223.00	23,596,339.00
- Government Subsidy	-	-	7,588,977.00	12,446,110.00	17,501,009.00
- Temporary Investment	334,153.00	1,216,886.00	286,697.00	374,771.00	120,059.00
- Receivable	25,130,538.00	23,802,663.00	24,139,080.00	24,122,345.00	20,315,908.00
- Inventories	12,934,233.00	15,506,567.00	12,828,118.00	11,569,596.00	11,415,863.00
- Other Current Assets	66,368,966.00	40,099,717.00	6,662,420.00	8,147,032.00	6,395,615.00
Total Current Assets	151,366,673.00	113,920,393.00	93,797,251	98,569,077	79,344,793
TOTAL ASSETS	1,585,055,012.60	1,490,353,634.85	1,334,957,657	1,272,177,975	1,314,370,881
EQUITY	929,380,413.00	925,413,758.50	869,416,604.00	878,399,457	804,790,617
DEFERRED REVENUE					
LONG TERM LIABILITIES					
- Deferred Tax	28,121,540.00	12,769,052.00	2,066,363.00	59,725.00	5,475.00
- Long Term Liabilities	35,251,741.00	36,105,279.00	31,485,476.00	29,133,755.79	29,205,236.00
- Bond Payable	174,292,298.00	131,681,821.00	100,440,360.00	68,824,683.00	80,043,338.00
- Customer Deposit	-	-	-	-	-
- Other Long Term Liabilities	11,569,377.00	14,468,336.00	15,713,269.00	17,933,075.00	149,621,763.00
- Taxes Payable on Revaluation	-	-	-	-	-
- Electricity Purchase Payable	196,303,233.00	168,558,991.00	133,201,905.00	115,093,812.00	93,187,087.00
- Employee Benefit Obligation	50,838,258.00	43,760,226.00	43,559,022.00	41,110,112.00	37,378,472.00
Total Long Term Liabilities	496,376,447.00	407,343,705.00	326,466,395	272,155,163	389,441,371
SHORT TERM LIABILTIES	159,298,153.00	157,596,171.00	139,074,658.00	121,623,355	120,138,893
TOTAL EQUITY & LIABILITIES	1,585,055,013.00	1,490,353,634.50	1,334,957,657	1,272,177,975	1,314,370,881

Note :

*) Financial Report 2013, 2014 and 2015, used ISAK 8

**) Restate of financial report 2016

Data Over Nine Years 2015 - 2019

Table 63 : Profit and Loss (million Rp)

Description	2019	2018	2017	2016 *)	2015 **)
OPERATION REVENUE					
- Electricity Sales	276,061,925	263,477,551	246,586,856	214,139,834	209,844,541
- Connection Fees	6,934,597	7,309,172	7,113,454	7,052,136	6,141,335
- Government Subsidiary	51,711,774	48,101,754	45,738,215	58,043,265	56,552,532
- Others	2,644,067	2,111,019	1,594,933	1,629,986	1,361,114
Total Operation Revenue	337,352,363	320,999,496	301,033,458	280,865,222	273,899,522
OPERATION COST					
- Electricity Purchase	87,181,367	88,539,693	79,018,802	66,274,504	12,486,381
- Fuel & Lubricant Oil	136,084,482	137,375,014	116,947,824	109,492,383	138,408,315
- Maintenance	22,328,178	20,737,601	19,515,606	21,226,736	21,861,310
- Personnel	25,908,771	23,323,003	23,124,511	22,659,965	20,321,137
- Depreciation	35,318,071	30,744,712	29,160,597	27,512,150	25,406,856
- Others	8,620,069	7,950,118	7,706,754	7,284,064	7,090,077
Total Operation Cost	315,440,938	308,670,141	275,474,094	254,449,802	225,574,076
PROFIT (LOSS) FROM OPERATION	21,911,425	12,329,355	25,559,364	26,415,419	48,325,446

*) Restute of Financial Statement Using ISAK 27

**) Data ISAK 8

Table 64 : Fixed Asset & Depreciation (million Rp)

2015 - 2019

Year	Saldo	Accumulated Depreciation	Book Value
2015	1,028,107,313.10	18,579,384.39	1,009,527,928.71
2016	706,313,755.01	33,796,573.46	672,517,181.55
2017	1,274,137,550.65	116,186,481.50	1,157,951,069.15
2018	1,308,348,931.19	73,705,101.04	1,234,643,830.15
2019	1,276,632,534.16	63,380,876.39	1,213,251,657.78

Table 65 : Accounts Receivable (million Rp)**2015 - 2019**

Year	Public	Armed Forced	Non Armed Forced	Local Government	BUMN	Total
2015	17,248,565.63	430,669.90	295,618.58	834,308.66	531,635.60	19,340,798.37
2016	20,475,894.69	603,381.57	287,610.55	833,577.53	568,122.63	22,768,586.97
2017	21,327,841.68	634,603.77	281,082.56	814,316.78	522,093.82	23,579,938.62
2018	22,841,366.21	499,429.27	302,785.81	946,184.73	501,965.20	25,091,731.22
2019	21,667,905.37	807,914.95	332,955.27	1,046,119.14	783,233.77	24,638,128.50

Table 66 : Sales, Accounts Receivable and Average Collection Rate**2015 - 2019**

Year	Sales (Million Rp)	Account Receivable *) (Million Rp)	Average (day)
2015	209,844,540.77	19,340,798.37	33.64
2016	214,139,821.41	22,768,586.97	38.81
2017	246,586,855.78	23,579,938.62	34.90
2018	263,477,551.39	25,091,731.23	34.76
2019	277,517,060.41	24,638,128.49	32.40

Data Over Nine Years 2015 - 2019

Table 67 : Generation Cost (million Rp)

2015 - 2019

Year	Hydro	Steam	Diesel	Gas	Geothermal	Combined Cycle	Sun	Total
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
2016	3,775,539.87	51,722,240.34	25,488,964.86	12,016,547.88	4,022,888.00	45,473,117.15	34,244.97	142,533,543.07
2017	3,846,135.69	85,229,933.45	24,682,248.24	19,090,127.26	8,110,645.64	41,683,846.07	34,670.37	182,677,606.72
2018	3,780,662.15	94,704,941.11	30,008,498.29	18,562,012.79	9,434,039.90	50,340,853.90	32,302.56	206,863,310.70
2019	3,733,532.17	73,588,295.53	25,205,660.45	18,316,690.97	4,096,028.34	46,919,171.99	44,019.82	171,903,399.27

Table 68 : Average Generation Cost (Rp/kWh)

2015 - 2019

Year	Hydro	Steam	Diesel	Gas	Geothermal	Combined Cycle	Sun	Average
2015	211.19	541.78	7,969.86	3,306.22	879.83	1,054.99	6,624.36	920.22
2016	271.90	532.38	1,828.39	3,103.64	1,016.37	1,085.07	5,853.84	856.28
2017	309.54	806.71	1,879.85	10,090.35	1,980.14	1,094.81	6,269.51	1,087.51
2018	352.39	831.46	2,228.71	5,781.99	2,350.98	1,298.72	7,672.68	1,160.89
2019	599.71	653.12	3,308.26	2,570.03	1,191.25	1,357.75	11,317.97	2,999.73

Table 69 : Financial Ratios**2015 - 2019**

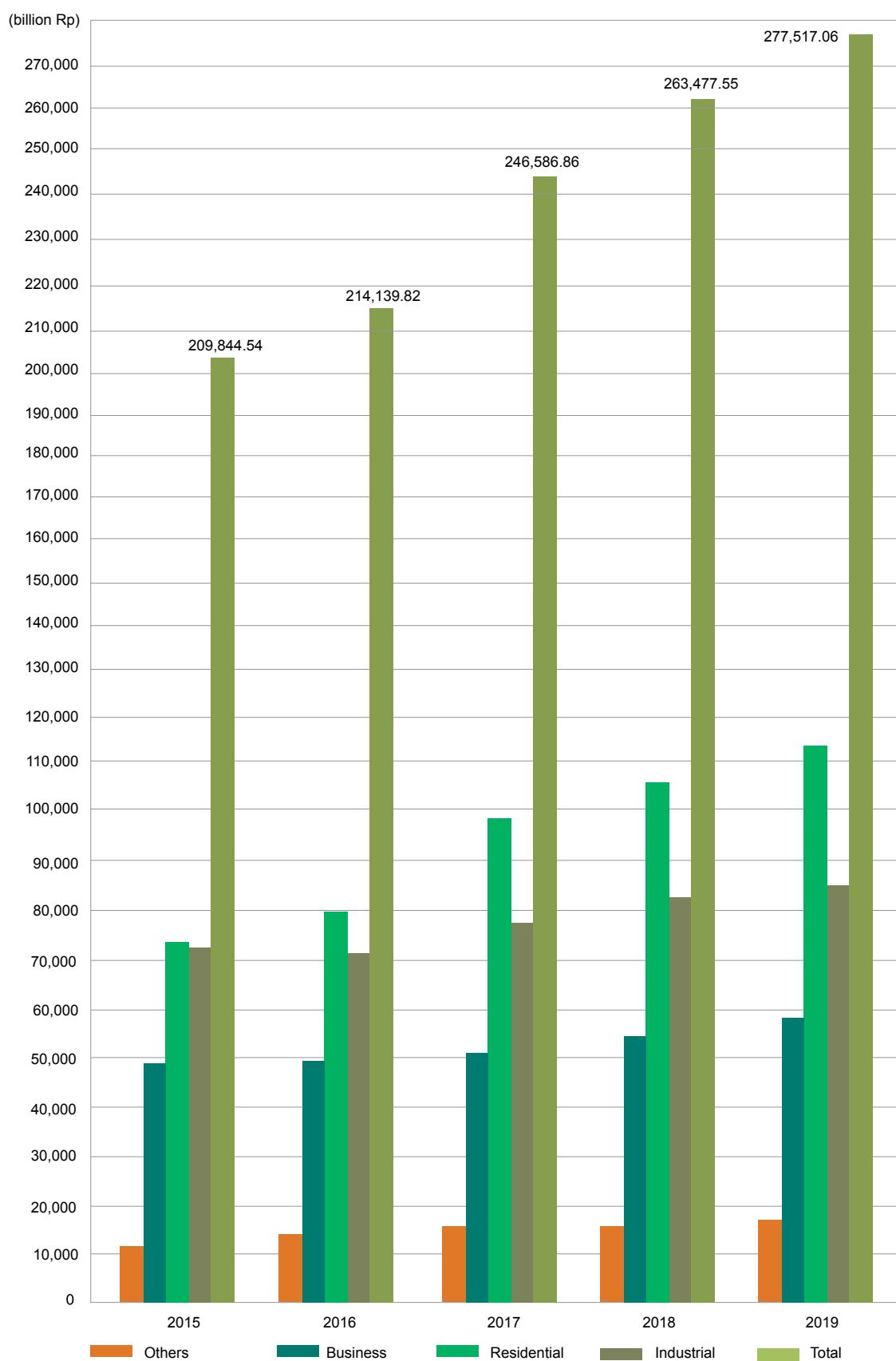
Indicator	Unit	2019	2018	2017	2016	2015
I. Financial Indicator						
- Cash Ratio	%	0.29	0.21	0.30	0.34	0.20
- Rentability Ratio	%	0.47	1.03	0.51	1.20	1.84
- Solvability Ratio	%	41.37	37.91	34.87	30.95	30.89
- Liquidity Ratio	%	95.02	72.29	67.44	81.05	67.81
II. Financial Covenant *)						
- CICR	Times	3.11	3.81	3.19	2.98	2.99
- Financial Liabilities to Total Assets	%	28.17	25.35	22.71	20.31	20.54
- EBITDA Interest Coverage Ratio	Times	3.32	3.50 **)	3.05	2.97	2.94
III. Operating Activity (Financial)						
- Fixed Assets Turnover	Times	0.20	0.21	0.21	0.19	0.27
- Average Period of Receivable Collection	Day	32.35	32.05	32.70	35.41	34.20
- Receivable Turnover	Times	11.28	11.39	11.16	10.31	10.67
- Material Turnover	Times	5.02	0.98	1.07	1.39	1.44

*) 2015 - 2018 Financial Covenant calculation are based on the financial reports, which exclude the impact of ISFAS 8 as stated in the Indenture Global Bonds, Local Bond Trustee Agreement and its amendments, and Consent Solicitation Indenture Global Bonds.

**) Adjusted EBITDA includes compensation from Government for reimbursement of Electricity Production Cost ("BPP") of several categories of customers whose tariffs for selling electricity are lower than 2017 BPP, which have not been calculated in 2017 electricity subsidy in amount of IDR 7,456 trillion.

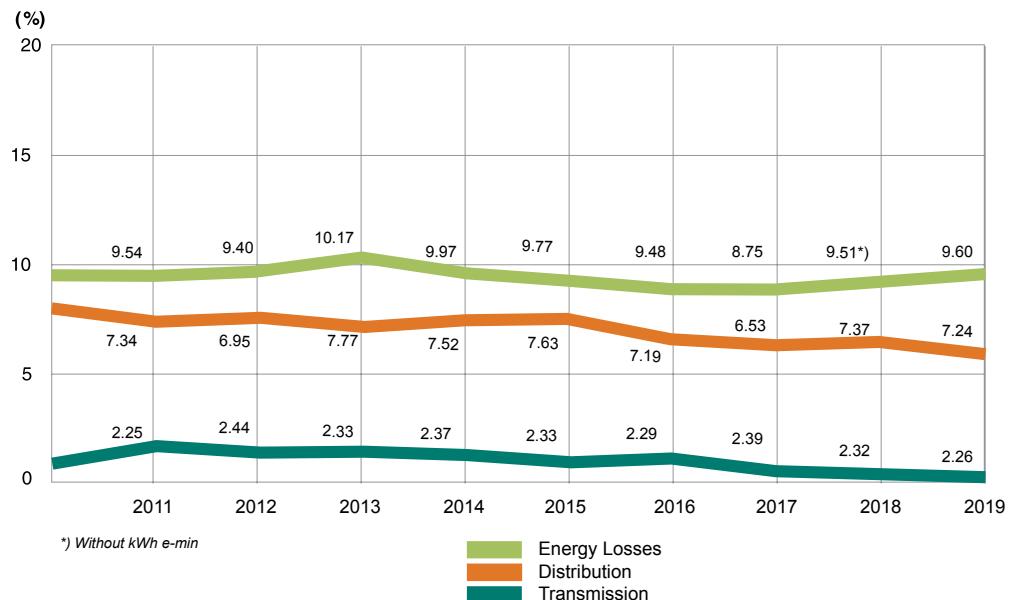
Data Over Nine Years 2015 - 2019

Graph 5. Revenues (2015 - 2019)

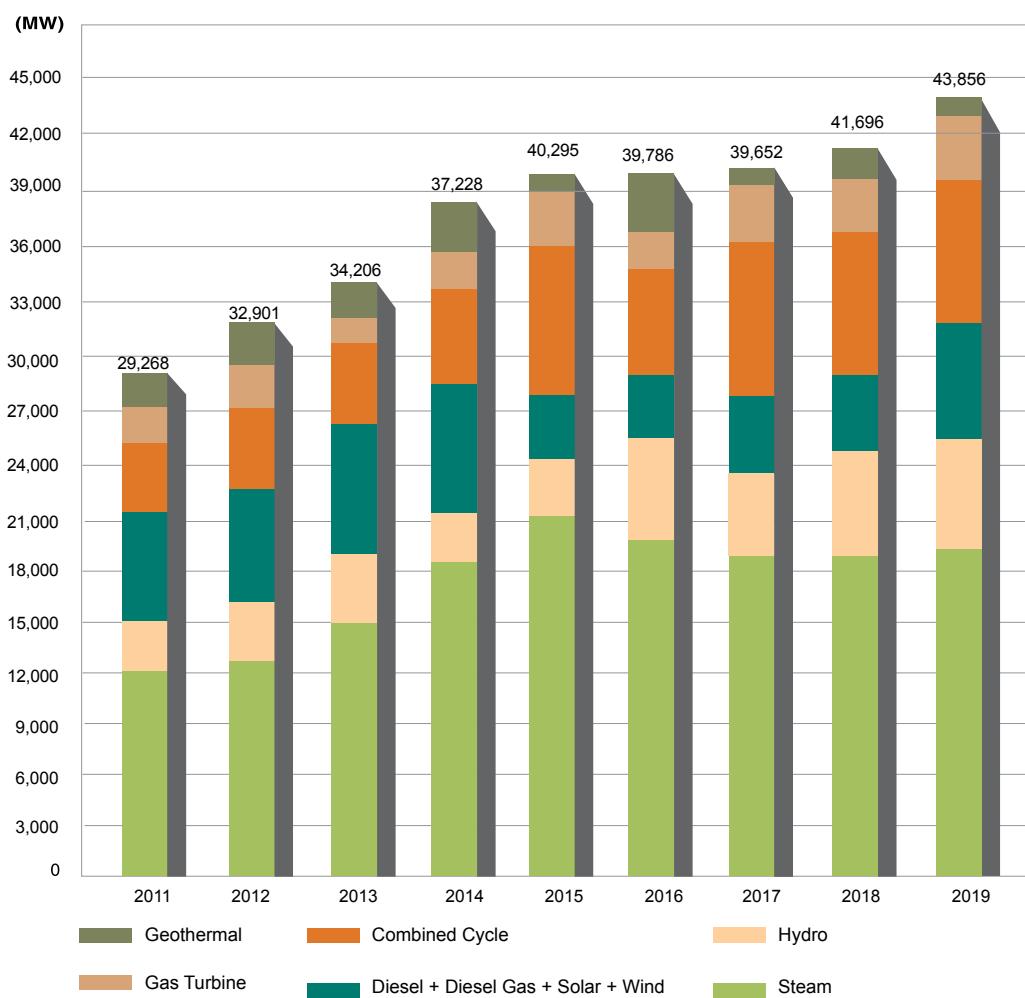


Data Over Nine Years 2011 - 2019

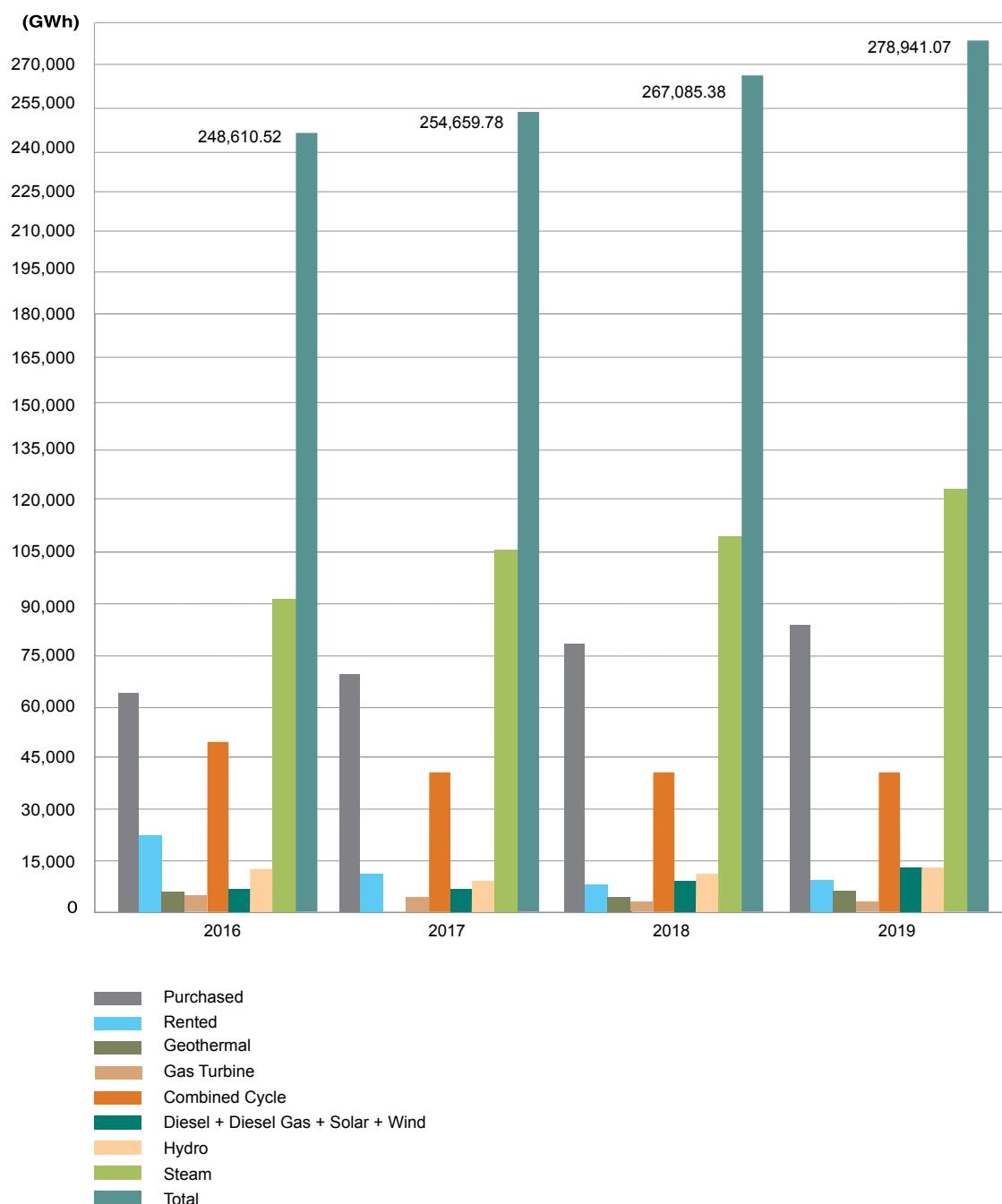
Graph 6. Energy Losses (2011 - 2019)



Graph 7. Installed Capacity *) (2011 - 2019)



Graph 8. Energy Production (2016 - 2019)





End of Five Years *(Development Plant Data)*



End of Five Year Development Plan Data

Table 70 : Number of Customers

2019

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 2019
- Residential	913,940	1,584,851	4,046,692	8,665,543	14,191,414	24,902,763	69,619,877
- Industrial	7,145	8,087	16,879	27,773	38,769	43,088	104,922
- Business	78,080	145,588	239,277	356,942	514,816	847,940	3,829,553
- Others	32,977	44,721	103,229	225,680	412,410	639,698	2,151,262
Total	1,032,142	1,783,247	4,406,077	9,275,938	15,157,409	26,433,489	75,705,614

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

2019

Type of Customer	FYDP I	FYDP II	FYDP III	FYDP IV	FYDP V	FYDP VI *)	2000-2019
- Residential	3.05	11.64	20.62	16.45	8.00	10.97	4.89
- Industrial	(0.55)	2.51	15.85	10.47	4.20	1.62	4.40
- Business	7.17	13.27	10.45	8.33	6.53	11.89	6.62
- Others	10.75	6.28	18.21	16.93	10.36	8.94	5.84
Total	3.51	11.56	19.83	16.05	8.00	10.93	4.99

*) to the end of year 1999

Table 72 : Connected Capacity (MVA)

2019

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 2019
- Residential	398.66	992.56	2,648.60	5,397.11	8,914.86	15,887.50	67,877.52
- Industrial	422.55	973.92	1,857.77	4,080.31	7,781.84	10,698.91	30,433.91
- Business	141.06	307.91	770.00	1,382.57	2,780.64	5,665.04	29,180.45
- Others	114	184.66	850.29	1,373.75	1,758.99	2,344.39	10,584.65
Total	1,076.27	2,459.05	6,126.66	12,233.74	21,236.33	34,595.84	138,076.53

End of Five Year Development Plan Data

Table 73 : Average Growth Rate of Connected Capacity per Year (%) 2019

Type of Customer	FYDP I	FYDP II	FYDP III	FYDP IV	FYDP V	FYDP VI *)	2000-2019
- Residential	10.81	20.01	21.69	15.30	8.27	11.93	6.69
- Industrial	18.24	18.18	13.79	17.04	9.50	5.90	5.04
- Business	9.33	16.90	20.12	12.42	12.18	14.20	7.84
- Others	8.06	10.13	35.72	10.07	3.68	5.43	7.69
Total	12.81	17.97	20.03	14.83	8.74	9.73	6.55

*) to the end of year 1999

Table 74 : Energy Sold (GWh) 2019

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 2019
- Residential	1,077.30	1,962.20	4,291.50	7,274.63	13,140.74	24,865.45	103,733.43
- Industrial	596.00	1,443.40	3,435.90	9,052.24	19,560.98	27,995.54	77,878.65
- Business	220.90	430.90	1,002.50	1,740.14	3,774.97	8,655.96	46,901.25
- Others	320.80	450.40	1,269.80	1,925.83	2,485.34	3,744.46	17,004.83
Total	2,215.00	4,286.90	9,999.70	19,992.84	38,962.03	65,261.41	245,518.16

Table 75 : Average Growth Rate of Energy Sold per Year (%) 2019

Type of Customer	FYDP I	FYDP II	FYDP III	FYDP IV	FYDP V	FYDP VI *)	2000-2019
- Residential	9.68	12.74	16.94	11.13	10.61	13.25	6.30
- Industrial	21.20	19.35	18.94	21.38	11.36	8.54	4.23
- Business	13.25	14.30	18.39	11.66	13.73	17.04	7.73
- Others	12.38	7.02	23.03	8.69	3.52	7.61	7.49
Total	12.96	14.12	18.46	14.86	10.70	11.09	5.82

*) to the end of year 1999

Table 76 : Energy Losses (%)**2019**

Function	First Year FYDP II (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 2019
Transmission	3.90	3.50	3.90	3.01	2.54	2.35	2.26
Distribution	19.90	18.30	16.90	13.87	9.99	9.99	7.24
Total	23.80	21.80	20.80	16.88	12.53	12.34	9.32

Table 77 : Installed Capacity (MW)**2019**

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 2019
- Hydro	278.77	349.67	536.44	1,969.57	2,178.75	3,006.76	3,583.98
- Steam	225.00	556.25	1,556.25	3,416.95	4,690.60	6,770.60	20,750.50
- Gas Turbine	42.00	882.07	1,027.92	1,233.68	995.92	1,347.41	3,188.90
- Combined Cycle	-	-	-	-	3,411.31	6,560.97	10,708.76
- Geothermal	-	-	30.00	140.00	195.00	360.00	579.50
- Diesel***)	230.31	500.40	784.39	1,769.02	2,128.46	2,535.02	5,029.31
- Diesel Gas*)	-	-	-	-	-	-	-
- Wind**)*)	-	-	-	-	-	-	0.47
- Sun	-	-	-	-	-	-	14.65
Total	776.08	2,288.38	3,934.99	8,529.22	13,600.05	20,580.76	43,856.08

*) Since year 2004

**) Since year 2007

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

Tabel 78 : Laju Pertumbuhan Rata-rata Kapasitas Terpasang per Tahun (%)**2019**

Type of Generating	FYDP I	FYDP II	FYDP III	FYDP IV	FYDP V	FYDP VI *)	2000 - 2019
- Hydro	9.90	2.90	10.72	29.71	2.00	5.81	0.87
- Steam	12.50	2.13	44.16	17.03	3.51	6.59	5.76
- Gas Turbine	-	81.57	4.40	3.72	(4.19)	7.58	4.99
- Combined Cycle	-	-	-	-	60.19	11.20	2.25
- Geothermal	-	-	-	36.08	6.85	11.25	2.41
- Diesel	3.90	14.91	11.19	17.66	3.47	3.88	3.45
- Diesel Gas ***)	-	-	-	-	-	-	-
- Wind*****)	-	-	-	-	-	-	-
- Sun	-	-	-	-	-	-	-
Total	9.30	24.12	11.45	16.73	8.40	7.48	3.81

*) to the end of year 1999

**) Since year 2004

***) Since year 2007

End of Five Year Development Plan Data

Table 79 : Energy Production (GWh)

2019

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 2019
Own Production :							
- Hydro	1,029.58	1,384.28	1,816.27	5,226.86	7,858.66	9,649.00	9,877.06
- Steam	713.45	1,523.10	7,365.49	14,218.38	21,784.23	30,512.37	122,826.04
- Gas Turbine	158.32	1,156.73	1,065.60	1,581.98	2,609.44	1,395.50	2,723.05
- Combined Cycle	-	-	-	-	7,794.75	24,940.78	37,757.83
- Geothermal	-	-	209.31	1,011.96	1,090.00	2,616.80	4,110.30
- Diesel	467.90	845.53	1,654.13	2,900.87	4,331.51	5,306.55	5,014.43
- Diesel Gas	-	-	-	-	-	-	4,143.79
- Wind	-	-	-	-	-	-	-
- Sun	-	-	-	-	-	-	4.71
- Rented	-	-	-	-	-	543.61	7,086.09
Sub Total	2,369.25	4,909.63	12,110.81	24,940.05	45,468.59	74,964.61	193,543.32
Purchased	636.73	813.18	1,281.02	682.71	1,250.17	2,938.76	85,398.55
Total Production	3,005.98	5,722.82	13,391.83	25,622.75	46,718.76	77,903.37	278,941.87

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

2019

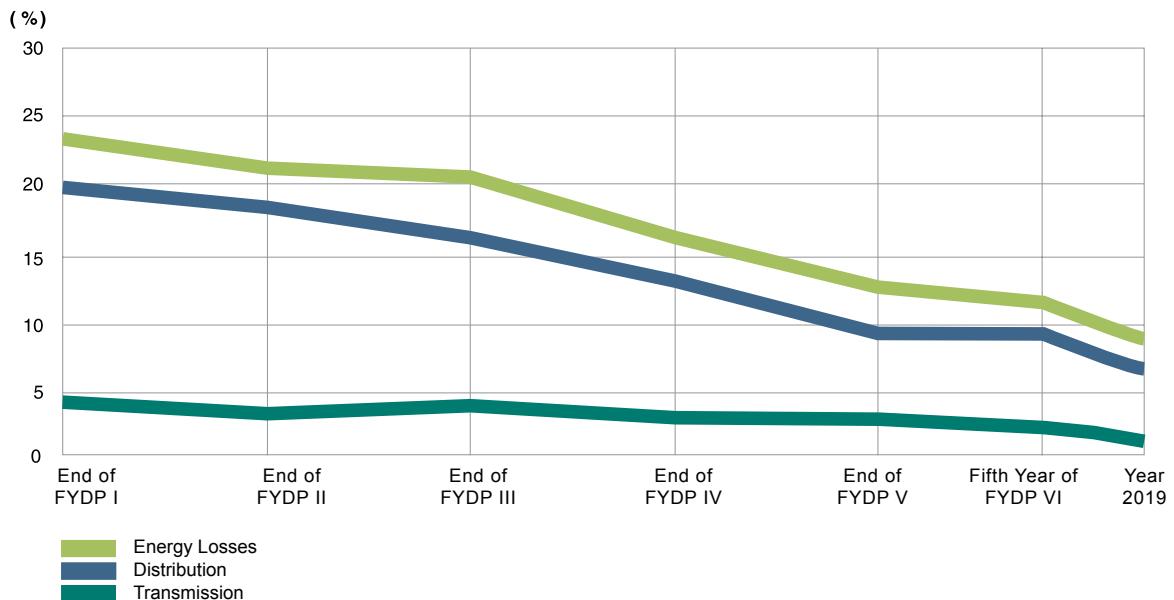
Production	FYDP I	FYDP II	FYDP III	FYDP IV	FYDP V	FYDP VI *)	2000 - 2019
Own Production :							
- Hydro	6.33	6.10	5.58	23.54	3.43	3.11	0.41
- Steam	20.05	16.37	37.05	14.06	5.73	8.05	5.98
- Gas Turbine	16.15	48.85	(1.63)	8.22	12.40	(8.61)	3.96
- Combined Cycle	-	-	-	-	109.54	24.15	1.81
- Geothermal	-	-	-	37.05	1.60	17.30	2.22
- Diesel	12.18	12.56	14.36	11.89	6.53	3.66	(0.61)
- Diesel Gas **)	-	-	-	-	-	-	-
- Wind***)	-	-	-	-	-	-	-
- Sun ***)	-	-	-	-	-	-	-
- Rented	-	-	-	-	-	-	12.38
Sub Total	11.39	15.69	19.79	15.54	9.61	10.44	4.25
Purchased	11.19	5.01	9.52	(11.83)	8.38	23.86	11.82
Total Production	11.34	13.74	18.53	13.86	9.58	10.92	5.63

*) To the end of year 1999

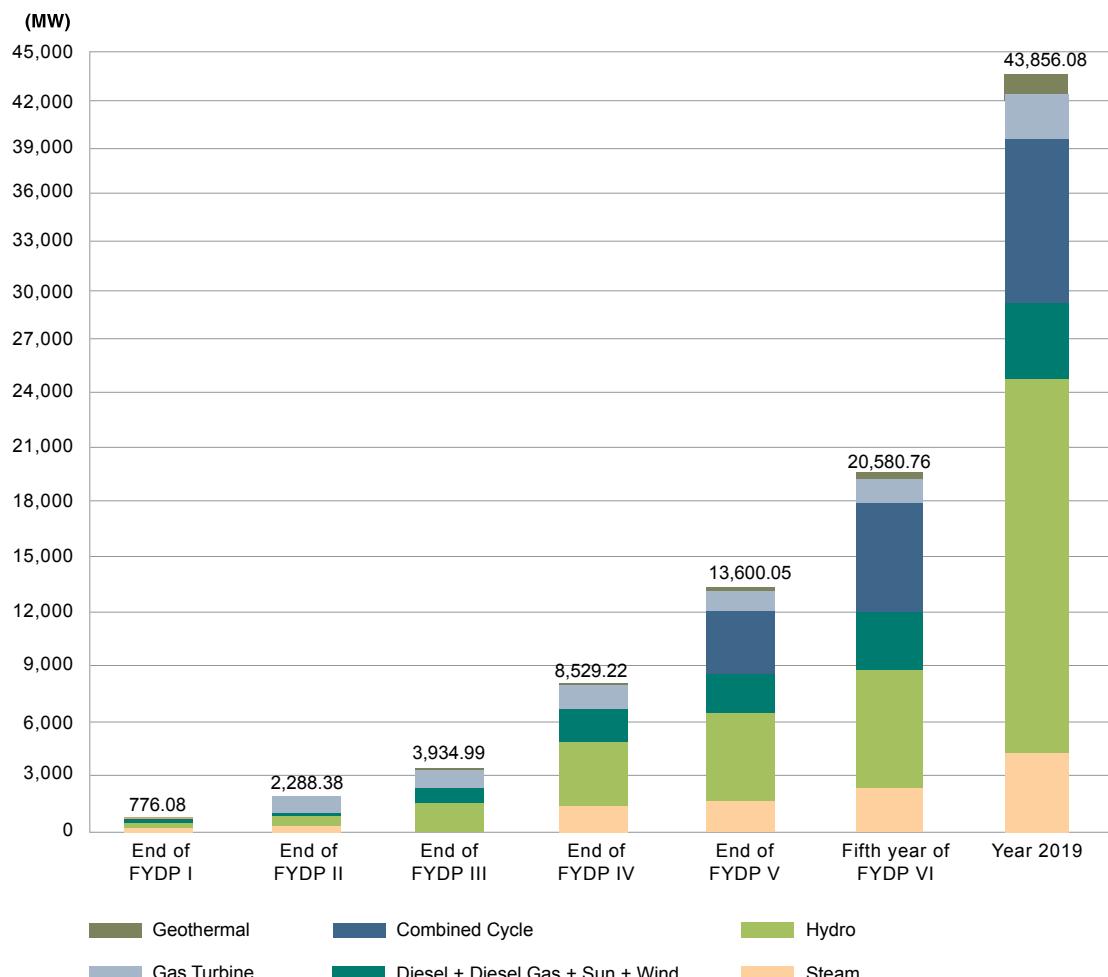
**) Since year 2004

***) Since year 2007

Graph 9. Energy Losses

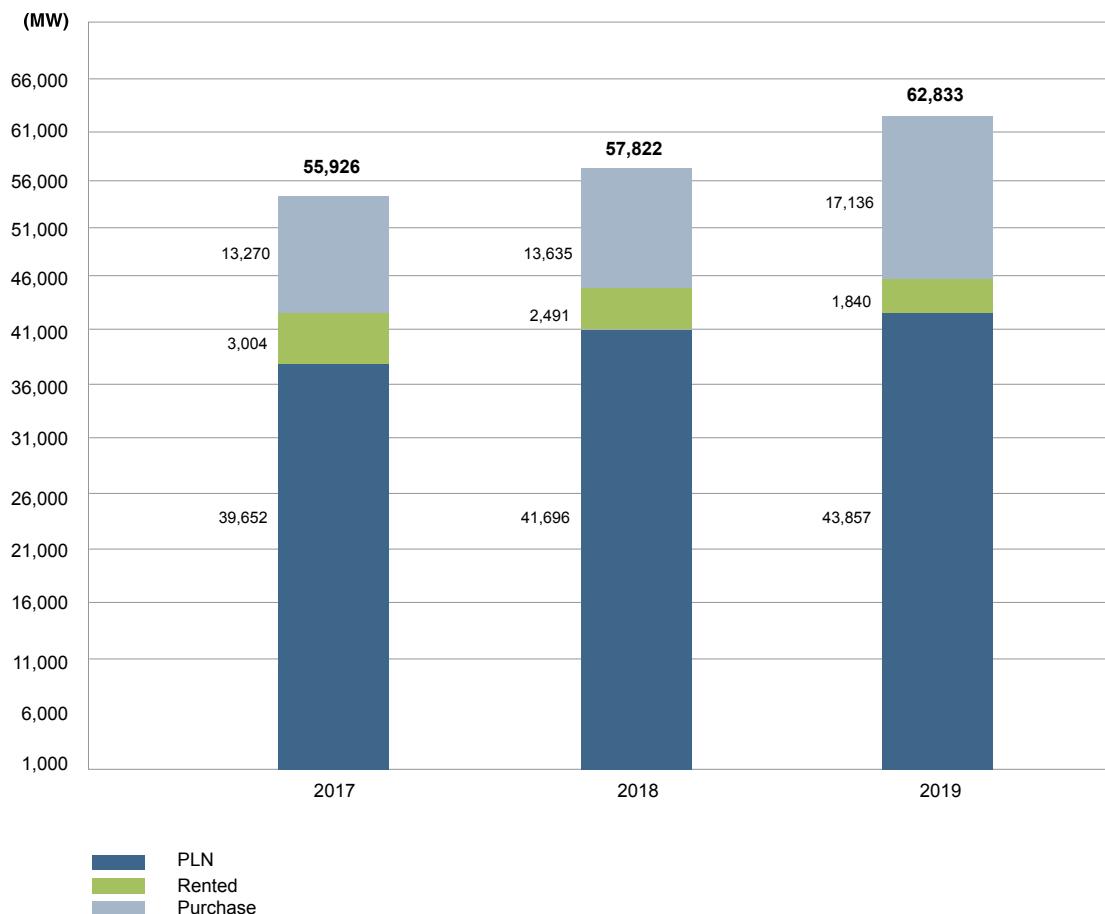


Graph 10. Installed Capacity

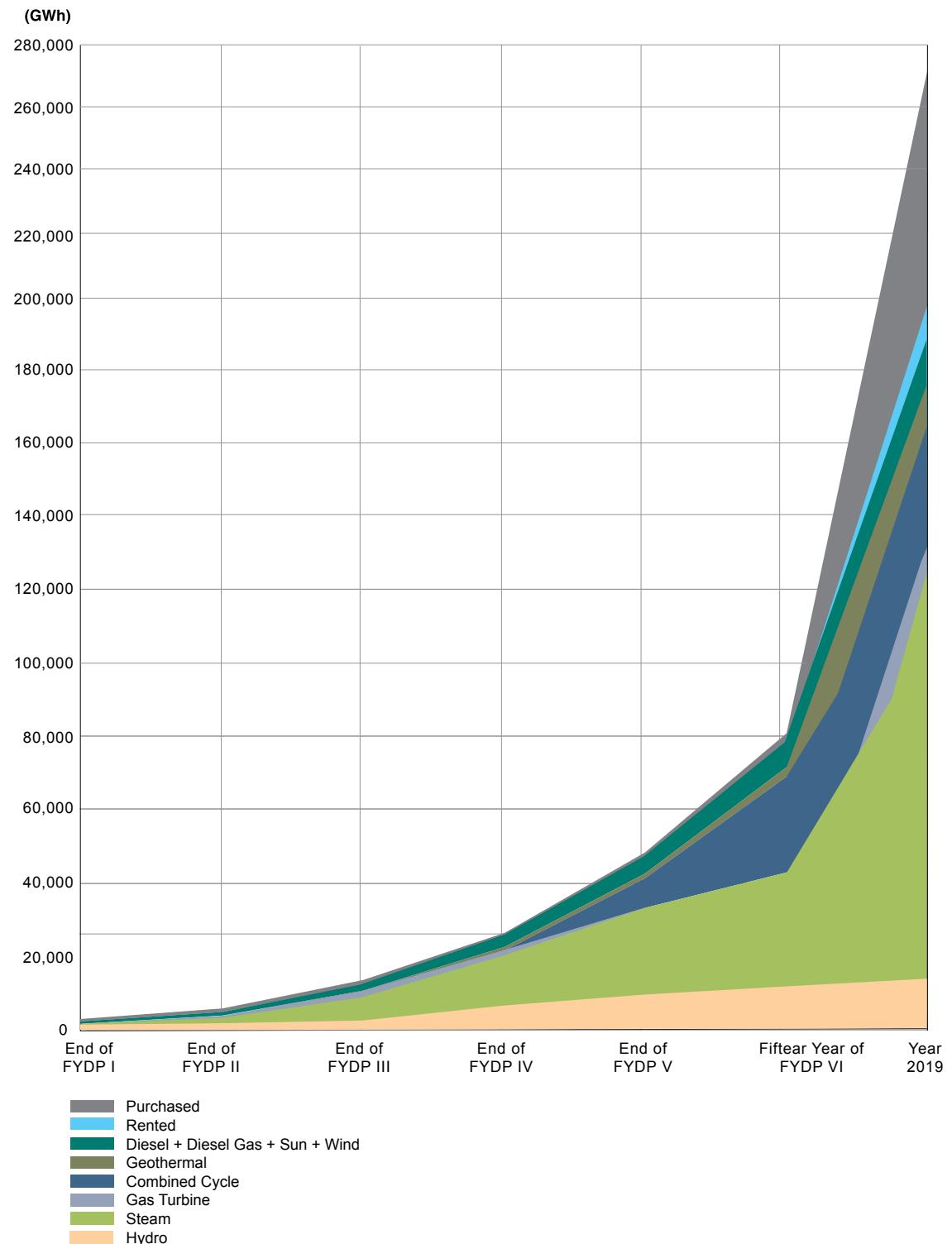


End of Five Year Development Plant Data

Graph 11. Installed Capacity of National

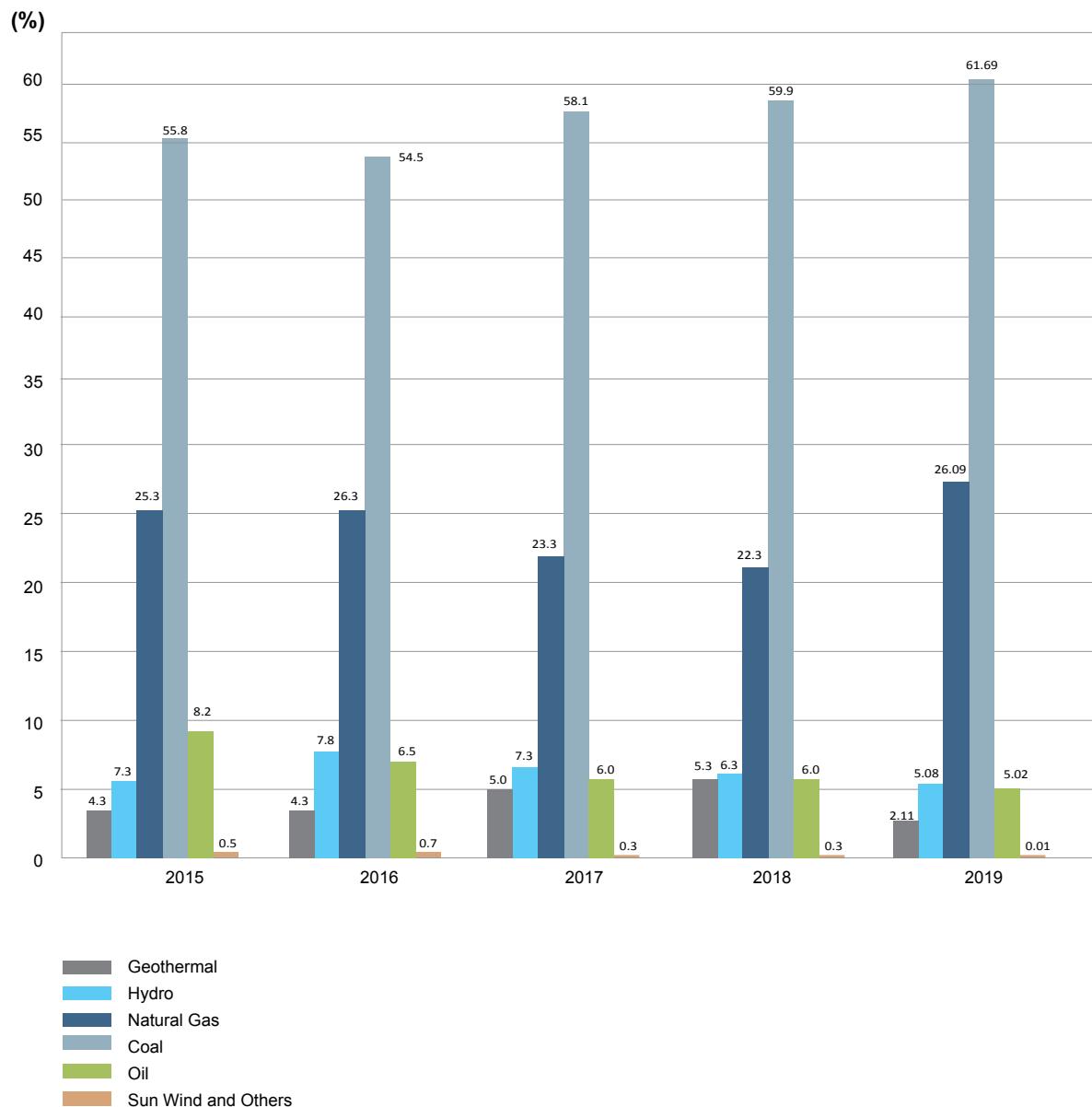


Graph 12. Energy Production

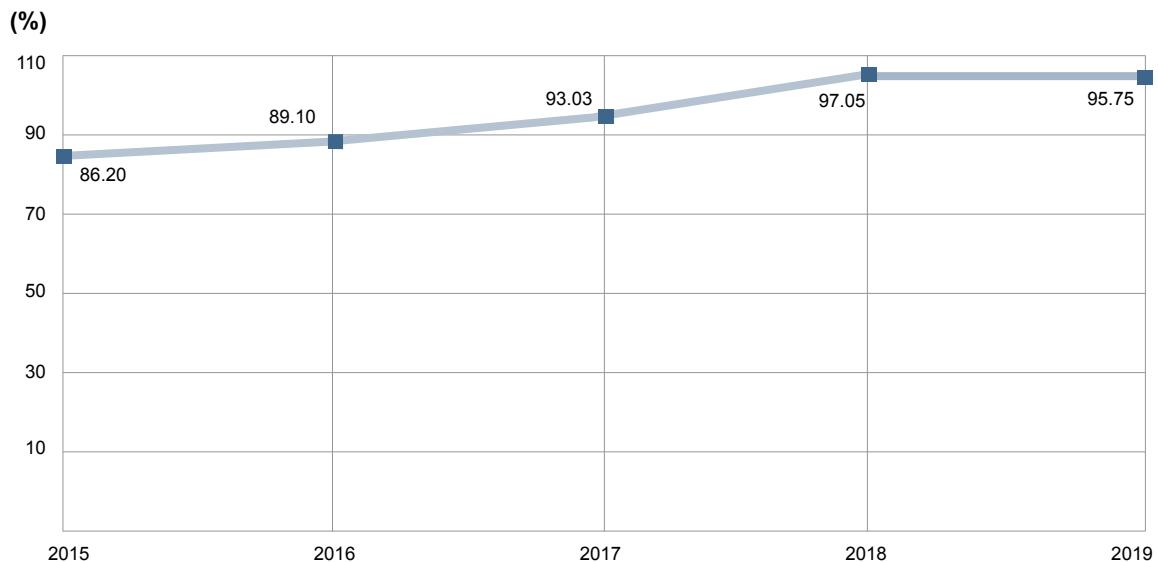


End of Five Year Development Plant Data

Graph 13. Energy Mix in 2014 - 2019

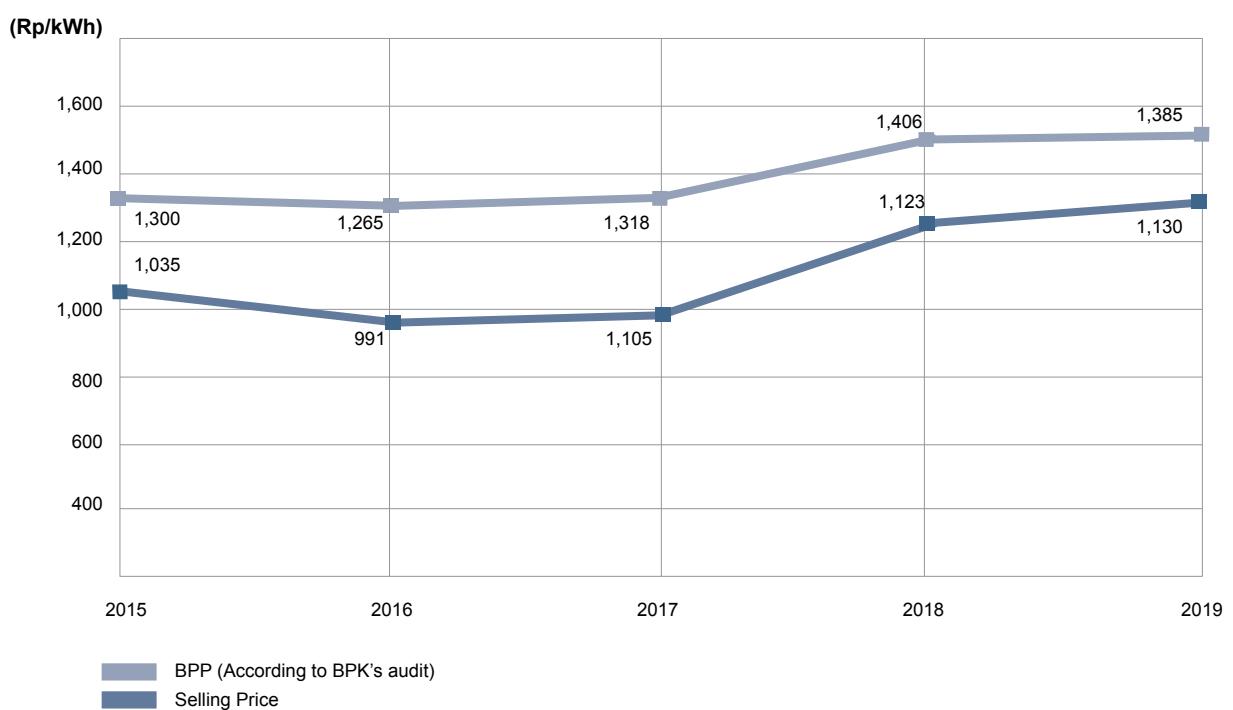


Graph 14. Electrification Ratio *)



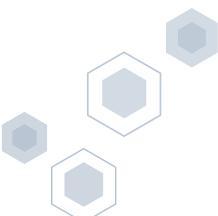
*) Excluding non PLN Customers

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





Operational Regional of PLN



Operational Region and Location of PLN Region Offices





PLN Region Offices and Subsidiaries

PT PLN (Persero) UIW Aceh

Jl. Tgk. H. M. Daud Beureu-eh No. 172,
Banda Aceh, 23243

PT PLN (Persero) UIW North Sumatra

Jl. K.L. Yos Soedarso No. 284, Medan 20115,
Kotak Pos 2000

PT PLN (Persero) UIW West Sumatra

Jl. Dr. Wahidin No. 8, Padang 25121

PT PLN (Persero) UIW Riau and Riau Archipelago

Jl. Musyawarah, Nangka Ujung
Kel. Labuh Baru Barat, Kec. Payung Sekaki,
Pekanbaru, Riau 28233

PT PLN (Persero) UIW Bangka Belitung

Jl. Soekarno Hatta Km. 5,
Pangkalpinang 33171, Kep. Bangka Belitung

PT PLN (Persero) UIW South Sumatra, Jambi and Bengkulu

Jl. Kapten A. Rivai No. 37,
Palembang 30129

PT PLN (Persero) UIW West Kalimantan

Jl. Adi Sucipto Km. 7,3 Sei Raya,
Pontianak 78391

PT PLN (Persero) UIW South and Central Kalimantan

Jl. Panglima Batur Barat No. 1,
Banjarbaru 70711 – Kalsel

PT PLN (Persero) UIW East and North Kalimantan

Jl. MT. Haryono No. 384,
Balikpapan 76114

PT PLN (Persero) UIW North Sulawesi, Central Sulawesi and Gorontalo

Jl. Bethesda No. 32,
Manado 95116

PT PLN (Persero) UIW South Sulawesi, Southeast Sulawesi and West Sulawesi

Jl. Letjend. Hertasning Blok B, Kotak Pos 1206,
Panakukang, Makassar 90222

PT PLN (Persero) UIW Maluku and North Maluku

Jl. Diponegoro No. 2,
Ambon 97127

PT PLN (Persero) UIW West Nusa Tenggara

Jl. Langko No. 25 – 27,
Ampenan 83114, Mataram

PT PLN (Persero) UIW East Nusa Tenggara

Jl. Piet A. Tallo 101,
Kupang 85228

PT PLN (Persero) UIW West Papua and Papua

Jl. Jend. A. Yani No. 18,
Jayapura 99111 Kotak Pos 1045

PT PLN (Persero) UID Jakarta Raya

Jl. M.I. Ridwan Rais No. 1,
Jakarta 10110

PT PLN (Persero) UID West Java

Jl. Asia Afrika No. 63,
Bandung 40111

PT PLN (Persero) UID Banten

Jl. Jenderal Sudirman (Akses By Pass) No. 1,
Tangerang 15118

PT PLN (Persero) UID Central Java and

D.I. Yogyakarta

Jl. Teuku Umar No. 47,
Semarang 50234

PT PLN (Persero) UID East Java

Jl. Embong Trengguli No. 19 – 21,
Surabaya 60271

PT PLN (Persero) UID Bali

Jl. Letda. Tantular No. 1, Renon,
Denpasar 80234

PT PLN (Persero) UID Lampung

Jl. Z.A. Pagar Alam No. 05,
Bandar Lampung 35144

PT PLN (Persero) Education and Training Center

Jl. HR. Harsono RM No. 59, Pasar Minggu,
Jakarta 12550

PT PLN (Persero) Engineering Electricity Center

Jl. Aipda KS. Tubun I/2, Petamburan,
Jakarta 11420

PT PLN (Persero) Electricity Maintenance Center

Jl. Banten No. 10,
Bandung 40272

PT PLN (Persero) Research and Development Center

Jl. Duren Tiga No.102,
Jakarta 12760

PT PLN (Persero) Certification Center

Jl. Laboratorium, Duren Tiga,
Jakarta 12760

PT PLN (Persero) Construction Management Center

Jl. Slamet No. 1, Gajah Mungkur,
Semarang 50232

PT PLN (Persero) UIK Southern Part of Sumatera
Jl. Demang Lebar Daun No. 375,
Palembang 30128

PT PLN (Persero) UIK Northern Part of Sumatra
Jl. Brigjen Katamso KM 5,5, No. 30 Titikuning,
Medan 20146

PT PLN (Persero) Generation of Java Bali
Jl. P. Mangkubumi No. 16,
Yogyakarta 55232

**PT PLN (Persero) Power Plant Development Unit
of Tanjung Jati B**
Ds. Tubanan, Kec. Kembang, Kab. Jepara
Jawa Tengah 59453

PT PLN (Persero) UIP2B
Jl. JCC Cinere 16541,
Jakarta Selatan

PT PLN (Persero) UIP3B
Jl. Musyawarah/Nangka Ujung, Kel. Labuh Baru Barat
Kecamatan Payung Sekaki,
Pekanbaru, Riau 28233

PT PLN (Persero) UIT Western Part of Java
Jl. JCC, Krukut Limo Cinere
Jakarta Selatan 16154

PT PLN (Persero) UIT Central Part of Java
Jl. Moch. Toha Km.4 Komp. PLN GI Cigereleng
Bandung 40255

PT PLN (Persero) UIT Eastern Part of Java and Bali
Jl. Suningat No.45, Taman Sidoarjo
Surabaya 61257

PT PLN (Persero) UIKL Kalimantan
Jl. Panglima Batur Barat No. 1, Banjarbaru
Kalimantan Selatan 70711

PT PLN (Persero) UIKL Sulawesi
Jl. Letjen Hertasning Blok B
Panakkukang, Makassar 90222

PT PLN (Persero) UIP Sumatera
Jl. R.A. Kartini No.23
Medan 20152

PT PLN (Persero) UIP Northern Part of Sumatera
Jl. Dr. Cipto No. 12
Medan 20152

PT PLN (Persero) UIP Southern Part of Sumatera
Jl. Residen Abdul Rozak No. 2180
Sekojo, Palembang 30118

PT PLN (Persero) UIP Central Part of Sumatera
Komplek Citra Garden Blok R1 No. 7-11 dan R2
No. 1-3
Jl. Purwodadi Panam, Kel. Sidomulyo Barat,
Kec. Tampan, Kota Pekanbaru, Riau 28294

**PT PLN (Persero) UIP Interconnection Sumatera
Java**
Jl. Aipda K.S. Tubun I No. 2, 3rd floor
Petamburan, Jakarta Barat

PT PLN (Persero) UIP Western Part of Java
Jl. Ehave – Gandul, Kec. Cinere
Depok 16514

PT PLN (Persero) UIP Central Part of Java I
Jl. Karawitan No. 32 Turangga, Lengkong
Bandung 40264

PT PLN (Persero) UIP Central Part of Java II
Jl. Margo Utomo (d/h P. Mangkubumi) No. 16
Kel. Gowongan, Kec. Jetis
Yogyakarta 55232

**PT PLN (Persero) UIP Eastern Part of Java and
Bali I and II**
Jl. Ketintang Baru I No.1-3
Surabaya 60231

PT PLN (Persero) UIP Nusa Tenggara
Jl. Yos Sudarso No. 2A
Mataram, Nusa Tenggara Barat 83114

PT PLN (Persero) UIP Western Part of Kalimantan
Jl. Letjen Suprapto No. 50-G
Pontianak, Kalimantan Barat 78121

PT PLN (Persero) UIP Eastern Part of Kalimantan
Jl. MT Haryono No. 384
Kel. Gunung Bahagia, Kec. Balikpapan Selatan
Kota Balikpapan, Kalimantan Timur 76114

PT PLN (Persero) UIP Central Part of Kalimantan
Jl. Mistar Cokrokusumo Km.39
Banjarbaru, Kalimantan Selatan 70733

PT PLN (Persero) UIP Northern Part of Sulawesi
Jl. Bathesda No. 32
Kel. Ranotana, Kec. Sario
Kota Manado 95116

PT PLN (Persero) UIP Southern Part of Sulawesi
Jl. Letjend Hertasning, Panakkukang
Makassar 90222

PLN Region Offices and Subsidiaries

PT PLN (Persero) UIP Maluku

Jl. Kapt. Piere Tendean, Halong, Galala
Ambon 97127

PT PLN (Persero) UIP Papua

Jl. Baru Kotaraja, Kelurahan Wai Mhorock,
Kecamatan Abepura
Jayapura, Papua 99225

PT Indonesia Power

Centennial Tower 7-8th Floor
Jl. Jend. Gatot Subroto Kav. 24-25,
Jakarta Selatan 12950

PT Pembangkitan Jawa Bali (PJTB)

Jl. Ketintang Baru I, No. 11,
Surabaya 60231

PT Pelayanan Listrik Nasional Batam

Jl. Engku Putri No. 3, Batam Center,
Batam 29432

PT Indonesia Commets Plus (ICON+)

Jl. K.H. Abdul Rochim No. 1
Kuningan Barat, Mampang,
Jakarta Selatan 12710

PT Prima Layanan Nasional Enjiniring

Jl. Wijaya I, No. 61, Kebayoran Baru,
Jakarta 12170

PT Pelayanan Listrik Nasional Tarakan

Jl. P. Diponegoro No. 1, Tarakan,
Kalimantan Timur 77114

PT PLN Batubara

Jl. Warung Buncit Raya No. 10
Kalibata, Jakarta Selatan 12740

PT PLN Gas dan Geothermal

Gedung Kyai Maja, Office Tower Lt. 8
Jl. Kyai Maja No. 1, Kebayoran Baru,
Jakarta Selatan 12120

PT Pelayaran Bahtera Adhiguna

Jl. Kalibesar Timur No. 10 – 13
Jakarta 11110

PT Haleyora Power

Kindo Square Blok A15-16
Jl. Duren Tiga Raya No. 101
Jakarta Selatan 12760