

## PROGRAM RESULTS FRAMEWORK

Results Indicators	DLI (Yes/ No)	Baseline year and value	Target Values of Results Indicators					
			2020	2021	2022	2023	2024	2025
Outcome: Sustainable, equitable and reliable access to electricity for the population in Kalimantan, Maluku, and Papua enhanced.								
1. Expanded access to electricity services: Number of PLN customers in Kalimantan, Maluku and Papua increased to reach at least 6.77 million customers by 2024.	Yes DLI 1	2018 baseline: 5.22 million customers	At least 5.94 million customers (cumulative) connected	At least 6.12 million customers (cumulative) connected	At least 6.38 million customers (cumulative) connected	At least 6.58 million customers (cumulative) connected	At least 6.77 million customers (cumulative) connected	
2. Pro-poor and gender focus: An additional 112,428 poor HHS provided with PLN electricity by 2024, disaggregated by female/male-headed households, of which at least 10% are female headed households:  2.1. All poor households  2.2. Poor female-headed households.	Yes DLI 2	2018 baseline: 0 additional poor households provided with PLN electricity <b>Prior results:</b> An interface module transfers the most recent TNP2K data on 2.1.All poor households 2.2. Female- and male-headed households to PLN for PLN’s use.	Additional poor HHS provided with PLN electricity, disaggregated by female/male-headed households: 2.1 At least 29,414 poor HHS 2.2 At least 2,941 poor female-headed HHS	Additional poor HHS (cumulative) provided with PLN electricity, disaggregated by female/male-headed households: 2.1 At least 51,808 poor HHS 2.2 At least 5,181 poor female-headed HHS	Additional poor HHS (cumulative) provided with PLN electricity, disaggregated by female/male-headed households: 2.1 At least 73,368 poor HHS 2.2 At least 7,337 poor female-headed HHS	Additional poor HHS (cumulative) provided with PLN electricity, disaggregated by female/male-headed households: 2.1 At least 92,866 poor HHS 2.2 At least 9,287 poor female- headed HHS	Additional poor HHS (cumulative) provided with PLN electricity, disaggregated by female/male-headed households: 2.1 At least 112,428 poor HHS 2.2 At least 11,243 poor female-headed HHS	
3. Improved time use reported by women and men as a result of electricity access, measured in: • Hours/week on household work and care activities (women/men) • hours/week on productive activities (women/men) • hours/week on social/ community activities (women/men)	No	Baseline data to be collected, 2020	Baseline data on time use and income, to be collected, disaggregated by sex. Report endorsed by PLN management.				Impact data collected and draft report of Impact evaluation produced	Final report produced and endorsed by PLN management, including impact analysis relating to time use, and income, disaggregated by sex.



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<b>8. Asset and waste management</b> improved, with (i) 90% of used PLN-owned equipment in UIW of Kalimantan, Maluku and Papua included in the disposal inventory as of end-2019 safely disposed by 2025, and (ii) 25 additional warehouses holding environmental permit in Kalimantan, Maluku and Papua by 2024	Yes <b>DLI 6</b>	Baseline (2018): 0% disposal rate 0 additional warehouses with permit from DLH	(i) Inventory of used equipment for disposal as of end of 2019 prepared by UIWs (ii) 5 additional warehouses have secured the environment permit from DLH	(i) 20% of inventory of used equipment for disposal as of end-2019 approved by MSOE (ii) 10 (cumulative) additional warehouses have secured the environment permit from DLH	(i) 40% of inventory of used equipment for disposal as of end-2019 approved by MSOE (ii) 20% of 2019 inventory safely disposed (iii) 15 (cumulative) additional warehouses have secured the environment permit from DLH	(i) 65% of inventory of used equipment for disposal as of end-2019 approved by MSOE (ii) 40% of 2019 inventory safely disposed (iii) 20 (cumulative) additional warehouses have secured the environment permit from DLH	(i) 90% of inventory of used equipment for disposal as of end-2019 approved by MSOE (ii) 65% of 2019 inventory safely disposed (iii) 25 (cumulative) additional warehouses have secured the environment permit from the DLH	(i) 100% of inventory of used equipment for disposal as of end-2019 approved by MSOE (ii) 90% of 2019 inventory safely disposed
<b>9. Consumer education:</b> By 2024, consumer education workshops on safe and productive energy use implemented by 5 UIW and 29 UP3 offices, with a minimum of 30% female participation for each workshop, based on a scoring system to promote female participation	Yes <b>DLI 7</b>	2018 baseline: 0 workshop, 0 points.	(i) Consumer training materials for safe & productive energy use developed and shared with UIW offices. (ii) One workshop in each of the 5 UIW with minimum 30% female participation. <i>Minimum points required for disbursement: 5</i>	Consumer education workshops held at each of 29 UP3 with minimum 30% female participation among consumers. <i>Cumulative points required for disbursement: 34</i>	Consumer education workshops held at each of 29 UP3 with minimum 30% female participation among consumers. <i>Cumulative points required for disbursement: 63</i>	Consumer education workshops held at each of 29 UP3 with minimum 30% female participation among consumers. <i>Cumulative points required for disbursement: 92</i>	Consumer education workshops held at UP3 with minimum 30% female participation among consumers. <i>Cumulative points required for disbursement: 121.</i>	

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<b>10. Capacity for social monitoring:</b> Annual report on social impact of electrification with data disaggregated by sex published by end of 2022	No	2018 baseline: No annual report yet on social impact of electrification			Report on social impact of electrification published	Report on social impact of electrification published	Report on social impact of electrification published	Report on social impact of electrification published
<b>11. E-Procurement and SAP systems</b> are integrated and rolled out by 2020, and at least 80% of contracts in financial value are recorded in the E-Proc+SAP integrated system by 2024.	Yes <b>DLI 8</b>	2018 baseline: E-Proc and SAP systems are separate.  <b>Prior results:</b> E-Proc and SAP are integrated.	E-Proc and SAP integrated system is rolled out.	At least 50% of contracts in financial value executed by UIW (including units under them) recorded in E-Proc+SAP integrated system	At least 60% of contracts in financial value executed by UIW (including units under them) recorded in E-Proc+SAP integrated system	At least 70% of contracts in financial value executed by UIW (including units under them) recorded in E-Proc+SAP integrated system	At least 80% of contracts in financial value executed by UIW (including units under them) recorded in E-Proc+SAP integrated system	

ACEF = Asian Clean Energy Fund, ADB = Asian Development Bank, ckm = circuit kilometer, DLH = Provincial/District Environmental Agency (*Dinas Lingkungan Hidup*), DLI = disbursement-linked indicator; HH = household, EBTKE = Directorate General of New and Renewable Energy and Energy Conservation, JFPR = Japan Fund for Poverty Reduction, KSO = Memorandum of Understanding (*Kontrak Kerjasama Operasi*), kW = kilowatt, MEMR = Ministry of Energy and Mineral Resources, MSOE = Ministry of State Owned Enterprises, MV = medium voltage, MW = megawatt, MWh = megawatt hour, PEMDA = local government (province, district or subdistrict), PLN = State Electricity Corporation, PV = photovoltaic (system), SAP = Systems, Applications, Products in Data Processing (an integrated business software), TNP2K = National Team for Accelerating Poverty Reduction (*Tim Nasional Percepatan Penanggulangan Kemiskinan*), UIW = Wilayah (PLN administrative region), UP3 = Area (PLN administrative unit).

Note: The JFPR funds will be used to support a subset of the results framework (Outcome indicators 2 (DLI 2) and 3, Output indicator 9 (DLI 7) and the initial framework for the first report in Output indicator 10. The grant will be disbursed against DLI 2 due to the importance of this DLI to cofinancing.

The ACEF grant will support Output indicator 9 (DLI 7) and indicator 10.