

## PROGRAM RESULTS FRAMEWORK

Results Indicators	DLI (Yes/ No)	Baseline Value & Unit of Measurement	Baseline Year	Target Values of Results Indicators			
				2016	2017	2018	2019
<b>Outcome</b>							
1. Number of PLN customers in Sumatra increase by at least 3% each year	Yes/ DLI 1	11.18 m	2014	≥ 11.86 m	≥ 12.21 m	≥ 12.58 m	≥ 12.96 m
2. Residential energy sales grow by at least 3% each year from the preceding year	Yes/DLI 2	15,850 GWh	2014	≥ 16,848 GWh	≥ 17,421 GWh	≥ 18,048 GWh	≥ 18,734 GWh
3. Number of medium-voltage feeder permanent interruptions/100 km maintained at 2014 baseline level or improved <sup>a</sup>	Yes/DLI 3	21.22/100 km	2014	< 21.12	< 21.08	< 21.04	< 21.02
4. Technical complaints from PLN customers to Sumatra call center reduced	No	61 complaints/1000 customers/month	2014	< 59	< 57	< 54	< 52
<b>Outputs</b>							
5. Cumulative length of 150 kV transmission lines reconducted	Yes/ DLI 4	1,142 ckm	2014	≥ 1,242 ckm	≥ 1,367 ckm	≥ 1,543 ckm	≥ 1,743 ckm
6. Additional number of distribution transformer units installed annually	Yes/ DLI 5	80,130 units	2014	≥ 2,582	≥ 2,642	≥ 3,501	≥ 3,625
7. Additional length of medium-voltage distribution lines installed annually <sup>a</sup>	Yes/ DLI 6	92,716 ckm	2014	≥ 1,860 ckm	≥ 2,010 ckm	≥ 2,044 ckm	≥ 2,121 ckm
8. Percentage of PLN staff who are competency certified by PLN increased to at least 95% by 2019	No	87.5%	2014	> 89%	> 91%	> 93%	≥ 95%
9. Timely completion of implementation of distribution system contracts increased annually	No	<10%	2014	> 10%	> 14%	> 19%	> 24%
<b>Other Results (Financing for prior results)</b>							
10. FPR: At least 25% of the contracts for the strengthening and expansion of the transmission system of the Sumatra grid are made effective in 2015	FPR	NA	NA	NA	NA	NA	NA
11. FPR: Procurement monitoring system for EGSS implemented <sup>b</sup>	FPR	NA	NA	NA	NA	NA	NA

ckm = circuit-kilometer, DLI = disbursement-linked indicator, EGSS = Electricity Grid Strengthening—Sumatra Program, FPR = financing for prior results, GWh = gigawatt-hour, km = kilometer, kV = kilovolt, m = million, NA = not applicable, PLN = State Electricity Corporation.

<sup>a</sup> PLN generally defines medium-voltage as 20 kV.

<sup>b</sup> To achieve the FPR, the following have to be achieved, whereby: (i) PLN's procurement performance indicators agreed with ADB in line with PLN guidelines; (ii) procurement baseline data for the first half of 2015 collected and made available to ADB; and (iii) procurement performance measurement targets for 2016–2019 agreed with ADB.

Sources: Asian Development Bank estimates, PLN management information systems, and Electricity Power Supply Business Plan (RUPTL), 2015–2024.