

CONTRIBUTION TO THE ADB RESULTS FRAMEWORK

No.	Level 2 Results Framework Indicators (Key Outputs and Beneficiaries)	Targets	Methods / Comments
1	Installed energy generation capacity (MW equivalent)	30.0	Run-of-river hydropower plant
2	Transmission lines installed or upgraded (km)	369.0	Includes 220 kV and 132 kV line in and line out to connect new grid substations, new lines and reconstruction of about 12.3 km 132 kV transmission lines
3	Distribution lines installed or upgraded (km)	235.4	33 kV medium-voltage distribution lines
4	Greenhouse Gas Emission Reduction (tCO ₂ -equiv/yr)	170,672.0 ^a	
5	Additional installed capacity using renewable energy (MW)	30.0	
6	Energy saved (GWh/yr)	134.7 ^b	

GWh = gigawatt-hours, km = kilometer, kV = kilovolt, MW = megawatt, tCO₂-equiv/yr = tons of carbon dioxide equivalent per year

^a The estimate of Greenhouse Gas Emission Reduction includes: (i) 72,272 tons of carbon dioxide (CO₂) emissions equivalent avoided per year as a result of adding 30 MW hydropower generation capacity to the grid; and (ii) about 98,400 tons of CO₂ emissions equivalent avoided per year as a result of technical loss reduction in the transmission and distribution systems.

^b The estimate reflects average energy saving of 133.0 GWh per year as a result of technical loss reduction in the transmission and distribution systems and average energy saving of 1.7 GWh due to pilot demand-side management sub-project implementation applicable to the investment program.

Source: Asian Development Bank staff estimates.