

CONTRIBUTION TO THE ADB RESULTS FRAMEWORK

No.	Level 2 Results Framework Indicators (Outputs and Outcomes)	Targets	Methods / Comments
1	Greenhouse gas emission reduction (tCO ₂ -equiv/year)	1.2 million	Calculated using the estimated annual gigawatt-hours produced annually, and using the weighted average emission factor for the Indian power grid, published by the Central Electricity Authority, Government of India. ^a
2	Installed energy generation capacity (megawatts) out of which renewable (megawatts)	395, out of which 395 renewable	This figure is based on a near-term historical and pipeline average cost per subproject and megawatt capacity per subproject, such that the \$200 million ADB tranche 1 loan, combined with subproject equity and additional financing, is estimated to fund 20 subprojects totaling 395 megawatts. ^b

ADB = Asian Development Bank, tCO₂-equiv/yr = tons of carbon dioxide equivalent per year.

^a Electricity generation calculations assume the 395 MW consist of 20% wind, 13% solar, 33% hydropower, and 25% cogeneration. Capacity factors for wind, solar, hydropower, and cogeneration of 0.3, 0.1, 0.45, and 0.7, respectively. Greenhouse gas emission reduction calculated using the estimated annual gigawatt-hours produced annually, and using the weighted average emission factor for the Indian power grid of 0.82, published by the Central Electricity Authority, Government of India. Reference http://www.cea.nic.in/reports/planning/cdm_co2/user_guide_ver9.pdf.

^b This is based on a 70%/30% debt equity ratio and \$400 million total subproject costs funded under the loan tranche. The 395 megawatts figure is based on a near-term historical and pipeline average cost per subproject and megawatt capacity per subproject, such that the \$200 million ADB loan tranche plus subborrower equity and additional financing is estimated to fund at least 20 subprojects totaling about 395 megawatt. This figure includes bagasse cogeneration facilities.

Source: Asian Development Bank staff estimates.