

CONTRIBUTION TO THE ADB RESULTS FRAMEWORK

1. The Project will facilitate increased electricity transmission and distribution capacity and energy efficiency in Nepal.

No.	Results Framework Indicators	Targets	Methods Used
1	Installed energy generation capacity (MW equiv.)	1.14MW	Two small hydropower plants (1MW and 640kW) will be rehabilitated for increased output and availability and expected to provide an additional 4.2 GWh of energy annually
2	Transmission lines installed or upgraded (km)	280km	Transmission system strengthening for increased power evacuation from hydropower rich areas towards the main load centers and cross border lines
3	Distribution lines installed or upgraded (km)	205 km	Distribution system rehabilitation in 12 distribution areas and provision of new distribution systems and upgrading of other along a new transmission line supported under the project
4	New households connected to electricity (number)	Minimum of 9000 new household connections	About 9000 new household connections in surrounding villages is expected along one of the transmission lines supported under the project. Also rehabilitation of 12 distribution systems will lead to additional connections in those areas
5	Greenhouse Gas Emission Reduction (tCO ₂ -equiv/yr)	2500 tons per year	Additional generation expected from small hydropower plant rehabilitation is assumed to replace standby diesel generation. GHG reduction through replacement of thermal power generation with increased hydropower export to India in the long term is not included.