

Findings Solar for Education



Scope of assessment

291 Governmental school buildings (409 schools)



Current situation

School buildings fit for solar PV systems

41 School buildings serving

51 Schools have adequate solar systems to operate school facilities



Solar energy potential

250

School buildings serving

358

Schools need

6.053

MWp based on

25 kWp

Average load for each school

100%

total schools' energy needs can be covered by rooftop PV capacity and can accommodate more PV solar systems

Financial feasibility

US\$ 22.15 million

Environmental impact

4.6 tons

of CO2 emissions reduced



Annual savings

US\$ 1.836 million saved