



Article 6.4 Mechanism
Prior consideration notification form for projects
(V01.0)

Project Title:	Coremas Solar Complex by Energisa
Names of the activity participants:	Energisa Geração Central Solar Coremas S.A
Host party:	Brazil
Precise geographical location (Full address or GPS coordinates):	Fazenda Dois Corações – Zona Rural - Coremas, PB Latitude: 06° 58' 35,08" S; Longitude: 37° 58' 53,28" W
A brief description of the technologies or measures to be deployed:	The project activity is a Greenfield power plant consisting of one solar photovoltaic (PV) power unit. The new power station will be installed with over 30,000 solar photovoltaic modules and equipped with 28 inverters, which represents a total combined capacity of 30,8 MW. The project also counts with a step-up power substation and a three-phase power distribution line which will section the existing distribution line between the substations Coremas and São Gonçalo, with 50 km of extension. That sectioning point is right beside the step-up substation and will represent the connection point with the National Grid. The expected annual generation of electricity is 84,066 MWh, which represents a load factor of approximately 31%. The project activity contributes to sustainable development by reducing greenhouse gas emissions in the Brazilian electricity mix, improving electricity supply with a clean and accessible source; and generating direct and indirect jobs in a specialised sector.
The Article 6.4 mechanism methodology to be applied (if already known):	Not known
The actual or planned start date of the activity:	20 Dec 2024
The type of the crediting period:	Renewable
Start date of the crediting period:	18 Sep 2027
The approximate amount of GHG emission reductions or net GHG removals expected to be achieved by the project on average:	24,841 tCO ₂ eq per year