



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

Project Title:	Rio do Peixe Solar Complex by Energisa
Names of the activity participants:	Energisa Comercializadora de Energia LTDA, Energisa Geração Central Solar Rio do Peixe I S.A
Host party:	Brazil
Precise geographical location (Full address or GPS coordinates):	Fazenda Várzea da Serrinha, Rodovia PB-393, km 07, Zip Code: 58910-000 São João do Rio do Peixe, Paraíba, Brazil Rio do Peixe I: Latitude: 06° 47' 28" / 6.7912; Longitude: 38° 28' 59" / 38.4832 Rio do Peixe II: Latitude: 06° 48' 02" / 6.8006; Longitude: 38° 28' 21" / 38.4725
A brief description of the technologies or measures to be deployed:	The project activity is a Greenfield power plant consisting of two solar photovoltaic (PV) power units, UFV Rio do Peixe I and UFV Rio do Peixe II. Each new power station was installed with over 60,000 solar photovoltaic modules and equipped with 10 inverters each, which represents a total combined capacity of 69 MW. The project also counts with a step-up power substation and a three-phase power distribution line of 14 km to the collector substation SE Cajazeiras, the connection point with the National Grid. The expected annual generation of electricity is 159,658 MWh, which represents a load factor of approximately 26.5%. 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:	09 Sep 2021
The type of the crediting period:	Renewable
Start date of the crediting period:	31 Aug 2022
The approximate amount of GHG emission reductions or net GHG removals expected to be	44,416 tCO ₂ eq per year

achieved by the project on average:	
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