



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

Project Title:	14.90 MW Biomass-based power plant by Sardarshahar Agri Energy Pvt. Ltd. in Rajasthan, India
Names of the activity participants:	EKI Energy Services Limited
Host party:	India
Precise geographical location (Full address or GPS coordinates):	Latitude: 27°41'31.30" N Longitude: 74°49'18.32"E
A brief description of the technologies or measures to be deployed:	M/s Sardarshahar Agri Energy Pvt. Ltd. is setting up a 14.90 MW Biomass Based Power Plant at village Malsar, Tehsil Sardarshahar, District Churu, India. Consent to establish has been obtained from the State Pollution Control Board (SPCB), Rajasthan, India. The project activity would generate clean power for export to the Indian grid. The generated electricity would displace fossil fuel dominated grid-based electricity with a renewable source of electricity thereby reducing GHG emissions. The Project will be set up as per prevailing Rankine Cycle (Turbine + Boiler) Technology having Air Cooled Condenser which is proven technology all over the world. The project activity involves generation of steam from the firing of renewable biomass in a 75 TPH capacity boiler, with outlet steam parameters at 94.2 bar kg/cm ² and 540°C which in turn drives the turbogenerator set with a capacity of 14.90 MW to produce electricity. The project construction works are under progress and the plant is expected to get commissioned in 2024
The Article 6.4 mechanism methodology to be applied (if already known):	Not known
The actual or planned start date of the activity:	01 Apr 2023
The type of the crediting period:	Renewable
Start date of the crediting period:	01 Apr 2023

The approximate amount of GHG emission reductions or net GHG removals expected to be achieved by the project on average:	91,889 tCO ₂ eq per year
---	-------------------------------------