



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

Project Title:	Qi County 80MW Solar Photovoltaic Power Generation Project
Names of the activity participants:	Datang Guiguan Jinzhong Energy Investment Co., Ltd
Host party:	China
Precise geographical location (Full address or GPS coordinates):	Laiyuan Town, Qi County, Jinzhong City, Shanxi Province, China. 37°10'1.02"N, 112°29'24.78"E
A brief description of the technologies or measures to be deployed:	The project utilizes solar photovoltaic power generation and is located in Laiyuan Town, Qi County, Jinzhong City, Shanxi Province, with an installed capacity of 80MW. The photovoltaic field adopts 650Wp single crystal double glass double-sided modules, with a total of 149044 pieces. The project adopts a segmented power generation and centralized grid connection scheme, with one string of every 28 photovoltaic modules, dividing the system into several photovoltaic grid connected power generation units. Output AC power through the inverter and connect it to the low-voltage side of the box transformer, raising the voltage from 0.8kV to 35kV. Connected to the 220kV booster station through three 35kV collection lines, and connected to the 220kV substation through one 220kV transmission line, achieving grid connection.
The Article 6.4 mechanism methodology to be applied (if already known):	Not known
The actual or planned start date of the activity:	05 Jul 2022
The type of the crediting period:	Renewable
Start date of the crediting period:	01 Jan 2024
The approximate amount of GHG emission reductions or net GHG removals expected to be achieved by the project on average:	113,638 tCO ₂ eq per year