



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

Project Title:	Punatsangchhu-II Hydroelectric Project (1020 MW)
Names of the activity participants:	Punatsangchhu-II Hydroelectric Project Authority
Host party:	Bhutan
Precise geographical location (Full address or GPS coordinates):	28.30305556, 89.95383333
A brief description of the technologies or measures to be deployed:	The purpose of the project activity is to generate electricity based on renewable and clean energy sources by utilizing the hydro power potential available in the Punatsangchhu river and to supply the same to meet the energy demand in Bhutan and India. The technology involved in the project is converting the potential energy available in water flow of the river into mechanical energy using hydro turbines and then to electrical energy using alternators. The generated power will be transformed (stepped-up) to 400 KV and supplied to India through transmission lines via Lhamoizingkha substation in Bhutan border and Alipurduar substation in India. The project activity will export the surplus energy to India after meeting the energy requirement within Bhutan throughout its life time
The Article 6.4 mechanism methodology to be applied (if already known):	Not known
The actual or planned start date of the activity:	15 Aug 2024
The type of the crediting period:	Renewable
Start date of the crediting period:	15 Aug 2024
The approximate amount of GHG emission reductions or net GHG removals expected to be achieved by the project on average:	3,198,843 tCO ₂ eq per year