



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

<b>Project Title:</b>	200 MW GUVNL-I Solar PV Project
<b>Names of the activity participants:</b>	NTPC Renewable Energy Ltd
<b>Host party:</b>	India
<b>Precise geographical location (Full address or GPS coordinates):</b>	22° 13' 37.5" N 73° 28' 3.1" E
<b>A brief description of the technologies or measures to be deployed:</b>	<p>"The 200 MW Solar Photo Voltaic project at Amreshwar (Gujarat) is being developed by project proponent NTPC Renewable Energy Limited is a green field activity and is being pursued as a part of its green initiative.</p> <p>The power plant comprises of Solar PV Modules, Module Mounting Structures, Power Conditioning Unit (PCU), SCADA, Switchyard, Evacuation Facilities etc. The PV modules shall be made from crystalline silicon solar cells. Modules generate Direct Current (DC), which will be converted to Alternating Current (AC) by inverter hardware. Power generated from the project will be supplied to grid.</p> <p>It shall encourage promotion of clean technologies in power generation, resulting lower carbon imprint, being environmentally benign with less emission of greenhouse gases."</p>
<b>The Article 6.4 mechanism methodology to be applied (if already known):</b>	Not known
<b>The actual or planned start date of the activity:</b>	16 Feb 2021
<b>The type of the crediting period:</b>	Renewable
<b>Start date of the crediting period:</b>	30 Sep 2024
<b>The approximate amount of GHG emission reductions or net GHG removals expected to be achieved by the project on average:</b>	500,000 tCO <sub>2</sub> eq per year