



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

<b>Project Title:</b>	10.35 MW PV CDM Project Caldera
<b>Names of the activity participants:</b>	Santiago Solar Power SPA
<b>Host party:</b>	Chile
<b>Precise geographical location (Full address or GPS coordinates):</b>	-27.091381118682992, -70.73350509611453 Project Caldera, Caldera, Atacama
<b>A brief description of the technologies or measures to be deployed:</b>	<p>10.35 MW PV CDM Project (“the Project”) is to construct and operate photovoltaic power generation project with the total capacity of 10.35 MW in the northern region of Chile. The project is expected to generate about 18,096 MWh annually and will connect to the Santa Elvira(15kV) power grid in the country (“the Grid”).</p> <p>This project activity will utilize renewable energy sources for power generation, which contributes to GHG emission reduction by displacing existing power generation activities based on fossil fuel including oil and coal. As a result, the operation of the proposed solar power plant will result in the reduction of CO<sub>2</sub>.</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>	31 Aug 2022
<b>The type of the crediting period:</b>	Renewable
<b>Start date of the crediting period:</b>	22 Mar 2024
<b>The approximate amount of GHG emission reductions or net GHG removals expected to be achieved by the project on average:</b>	<p>10.35 MW PV CDM Project (“the Project”) is to construct and operate photovoltaic power generation project with the total capacity of 10.35 MW in the northern region of Chile. The project is expected to generate about 18,096 MWh annually.</p> <p>After factoring in the Combined Margin Emissions Factor of 0.6507 which is the factor of a similar CDM project in Chile, the estimated annual Carbon Emission Reduction (CER) amount is 11,775 tCO<sub>2</sub>eq per year</p>