



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

<b>Project Title:</b>	CYY Singha Yasothon Wastewater Treatment and Biogas Utilization Project
<b>Names of the activity participants:</b>	CYY Singha Yasothon Co.,Ltd.
<b>Host party:</b>	Thailand
<b>Precise geographical location (Full address or GPS coordinates):</b>	15°47'27"N 104°16'44"E
<b>A brief description of the technologies or measures to be deployed:</b>	Pana Power Co., Ltd. intends to install three covered lagoons (CL) at the new starch factory under the operation of CYY Singh Yasothon Co., Ltd. The proposed activity using the covered lagoon treatment system expects to produce sufficient quantities of biogas to fuel an 8 MWth thermal oil boiler for starch drying, replacing the use of heavy fuel oil, and to fuel 4 gas engines (total capacity of 6 MWel) for the production of power for in-house use. The project expects to reduce 80,000 tCO <sub>2</sub> e/year from the activities of methane avoidance and biogas utilization for thermal and heat generation.
<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>	06 Jan 2024
<b>The type of the crediting period:</b>	Renewable
<b>Start date of the crediting period:</b>	01 Jan 2025
<b>The approximate amount of GHG emission reductions or net GHG removals expected to be achieved by the project on average:</b>	80,000 tCO <sub>2</sub> eq per year