



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

Project Title:	POULTRY LITTER BASED BIOGAS POWER GENERATION PROJECT IN NASHIK, MAHARASHTRA, INDIA
Names of the activity participants:	"S& P Feeds Pvt. Ltd "
Host party:	India
Precise geographical location (Full address or GPS coordinates):	Village - Thengode Taluka- Balgan District- Nashik State - Maharashtra, India 422301
A brief description of the technologies or measures to be deployed:	<p>M/s S&P Feeders Pvt. Ltd., Maharashtra is setting up a 20 TPD Poultry Litter to Energy plant at Thengode village, Nashik District in Maharashtra. The proposed project activity is a step towards supporting the implementation of poultry waste to Energy production facility in India, through the production of Biogas. The project site is home to approximately 175,000 birds, resulting in a daily production of around 22,000 kg of poultry litter. The close proximity of the proposed land to the farm eliminates the need for transportation, ensuring a continuous and uninterrupted supply of raw material. The poultry litter is treated anaerobically in the KVIC Floating Dome Digester, producing about 1,400 m³ of biogas per day with a calorific value of 4,700 to 5,400 kcal per cubic meter. The high-efficiency biogas engine and generator installed will generate 175 kWh of electricity per hour, while also yielding a bio-organic slurry/manure with high NPK content, totaling 55,000 liters or 6,600 kg per day. The project is expected to avoid GHG emission of methane through recovery and destruction of biogas. The project is expected to achieve an annual emission reduction of 6,918881 tCO₂e and a total emission reduction of 69,180 tCO₂e during the whole crediting period</p>
The Article 6.4 mechanism methodology to be applied (if already known):	Not known
The actual or planned start date of the activity:	26 Sep 2021

The type of the crediting period:	Renewable
Start date of the crediting period:	26 Sep 2021
The approximate amount of GHG emission reductions or net GHG removals expected to be achieved by the project on average:	6,918 tCO ₂ eq per year