



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

Project Title:	Varanasi Harit Koyla Pariyojna
Names of the activity participants:	NTPC Vidyut Vyapar Nigam Ltd
Host party:	India
Precise geographical location (Full address or GPS coordinates):	Ramana Village of Varanasi district In Uttar Pradesh State of India Longitude: 25°14' 39" N Latitude: 83°00' 10"E
A brief description of the technologies or measures to be deployed:	“Varanasi Harit Koyla Pariyojna” (hereafter referred to as the project) is new Municipal Solid Waste (MSW) to RDF Pellets manufacturing facility located at Ramana Village of Varanasi district in Uttar Pradesh State of India. The Project activity involve the installation and operation of new plant for the treatment of 600 TPD of fresh waste through Mechanical treatment to produce refuse-derived fuel (RDF) ¹ and its use; The Project is owned by NTPC Vidyut Vyapar Nigam Ltd (NVVN). The plant will treat 600 TPD of MSW collected from local Varanasi Municipal Corporation via MSW Supply Agreement ³ to produce 250TPD of RDF Pellets, which shall then be supplied via Onward sale agreement to nearby operating coal fired power plant ⁴ as replacement substitution for Fossil fuel (coal).
The Article 6.4 mechanism methodology to be applied (if already known):	Not known
The actual or planned start date of the activity:	01 Jan 2024
The type of the crediting period:	Renewable
Start date of the crediting period:	01 Jan 2024
The approximate amount of GHG emission reductions or net GHG removals expected to be achieved by the project on average:	139,887 tCO ₂ eq per year