

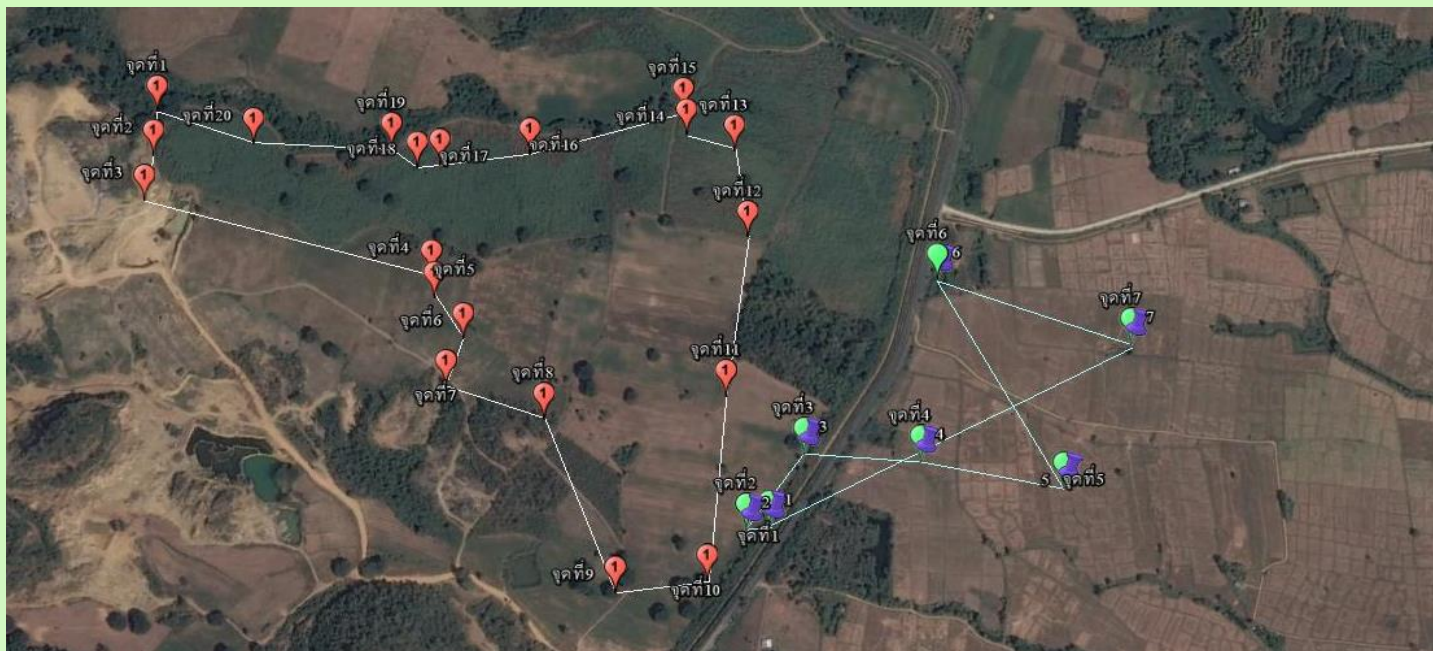


- Project : BioMass Plant project, Vithai Biopower, Uthai Thani (Eco Energy Group Corporation Co., Ltd.)
- Capacity : 9,500 KW
- Selling Capacity : 8,000 KW
- Buyer : Provincial Electricity Authority

Project Description

Biomass power plant project are divided into 2 phases

Phase I :	current biomass power plant
The project	VSPP: Biomass power plant
Capacity and output	Total capacity of 9.5 MW (Exported of 8.0 MW Annual gross output is – 64 GWh
Land and Location	277 rais in Sawang Arom district, Uthai province
Power purchase Agreement (PPA)	PEA purchase and dispatch all of the power generated under a PPA contract of 8.0 MW 25 years by applying 5 yeare effective form the
Adder	THB 030 / kWh for the period of 7 years (From 6 July 2012 to 5 July 2019
COD	6 July 2012
Phases Expansion opportunity	company has reserved sufficent land for 2 nd block power phase I certain current facilities and in frastructure can be shared with there of Phase I



Technology Equipment

Items	Descriptions	Equipment's origin
Combustor	ISGEC John Thmpson	India
Boiler	IsGEC John Thomoson, 50 TPH , 43 Bar (g) 455+/-5°C Travelling Grate Boiler	India
Steam Turbine	SHINKO VDNG124 B-70,9,500kW x 1,500 rpm,	Japan
Generator	NISHISHIBA 9,500 kW 1,500 rpm, 3,300V, 50Hz	Japan
Condenser	SHINKO Vacuum condenser with steam jet air air ejector and condensate pump	Japan
Cooling Tower	B.K.K. Cooling & Engineering, BKC-CC-3K5-C3 Reinforce Concrete,water flow 4,000 m3/hr	Thailand
Transformer	TUSCO TRAFO,Hermetically Sealed Type (Fully with oil) , with corrugated Wall TransFormer 5 units	Thailand
Switchgear	XENIX,ABB Unigear Type ZS1 3.3 KV 31.5kA, ABB Unigear Type ZS1 22 kV 25 kA and control desk	Thailand



Generator



Boiler



Stream Turbine