

GHG Emission

Yearly GHG gas emission calculation of Unit 2 has shown in **Table 1**.

Table -1: GHG Gas emission calculation (*February 2019 to December 2019*)

SL	Particular	Value		Unit
		HSD	Gas	
A	Net Heat Rate (Natural Gas in Combined Cycle)	7585.78	8088.94	KJ/KWH
B	Gross Generation Capacity (Combined Cycle)	228500	228500	KW
C	Operating Days	1.73	136.09	days
D	Daily Operating Hours	24	24	Hours/day
E	Total Annual Output (B x C X D)	9487320	746317560	KWH
F	Annual Fuel Consumption (= E x A)	71968722310	6.03692E+12	KJ
		71.97	6036.92	TJ
	GHG Emission	7244	344412	tonne CO2eq/y
	Total GHG Emission	=351656		tonne CO2eq/y