



**PROJECT: 2x 660 MW BIFPCL MAITREE
KHULNA STPP (BANGLADESH)**

PROJECT INFORMATION

OWNER	BANGLADESH INDIA FREINDSHIP POWER COMPANY LIMITED (PVT)
CONSULTANT	FICHTNER
NAME OF PROJECT	2x 660 MW BIFPCL MAITREE KHULNA STPP (BANGLADESH)
Site Location	RAMPAL UPAZILA,BAGHEERAT DISTRICT,RAJNAGAR UNION (14 KM NORTHEAST OF MONGLA PORT & 14 KM NORTHWEST OF SUNDARBANS) LATITUDE: 22 DEG. 37 MIN. 00 SEC. N TO 22 DEG. 34 MIN. 30 SEC N LONGITUDE: 89 DEG. 32 MIN. 00 SEC E TO 89 DEG. 34 MIN. 05 SEC. E
Climatic Conditions:	
Temperature :	
Highest Temp Recorded	36.9 ° C
Lowest Temp Recorded	12.2 ° C
Relative Humidity	Varies between 20% and 90%
Tidal Range	1.2 m to 3.1 m
Maximum surface rainfall	349mm per day
Rain fall Intensity for design of Storm Water Drains	As per Bangladesh Standards by considering the maximum rainfall intensity of 95 mm/hr for a one hour rainfall with 50 year return period
Wind Load	a) Calculations for wind effect shall be in accordance with as per Bangladesh National Building Code -2012, Part 6, Chapter 2.4. And Basic Wind Speed is 73m/sec
Seismic Data	a) Zone- I as determined by Bangladesh National Building code (BNBC-2012).However, design shall be by Site specific seismic data which shall be furnished by Customer.