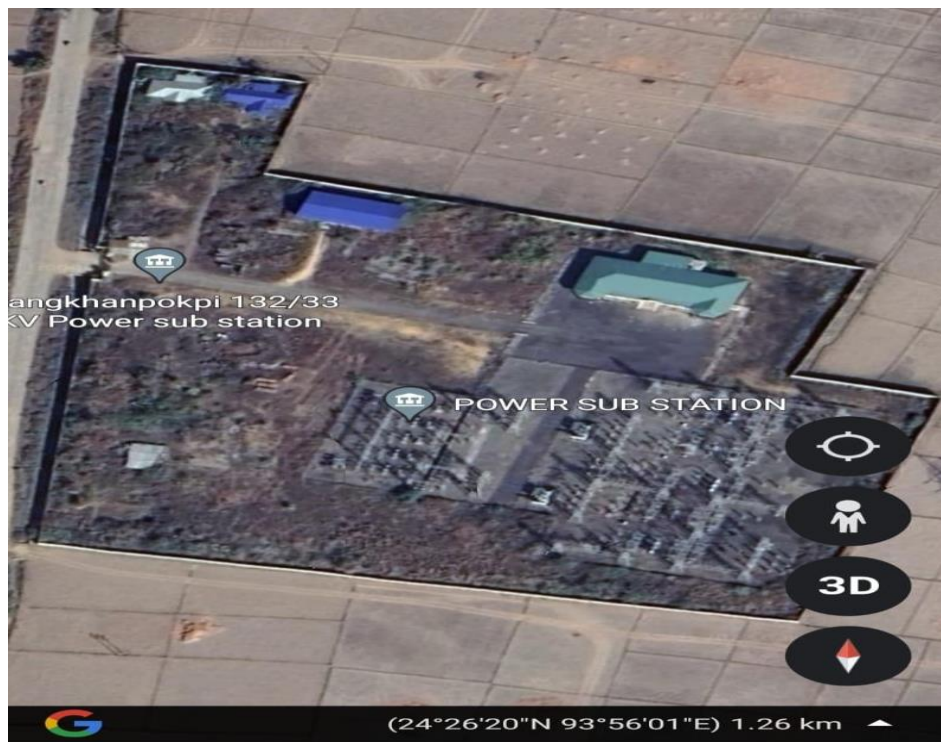


1. 600 kWp Grid connected Solar Power Plant at 132/33 KV Sub-Station, Elangkhangpokpi .

Name of the Substation	Elangkhangpokpi
District	Kakching District
Coordinates of the location	Latitude : 24°26'21.51"N Longitude : 93°55'59.54"E
Capacity of the substation	132 KV; 2 x 20 MVA
Availability of land for solar power project	68,500 sq.ft
Area of the sub-station	About 2.1 acres
Power Evacuation	Existing capacity is sufficient



Satellite Image of 132/33 KV Elangkhangpokpi Power Sub-Station, Kakching District

2. 800 kWp Grid connected Solar Power Plant at 132/33 KV Sub-Station Kakching.

Name of the Substation	Kakching
District	Kakching
Coordinates of the location	Latitude :24°28'47"N Longitude :94°00'46"E
Capacity of the substation	132 /33 KV Sub-Station situated nearby National Highway Road; 2 x 20 MVA Transformer
Area of the sub-station	About 2.4 acres. A free space of about 40% is available, but covered with hillock
Power Evacuation	Existing capacity is sufficient



Satellite Image of 132/33 KV Kakching Power Sub-Station at Kakching District

3. 5 MW Floating grid connected solar power plant at Chadong Village, Ukhrul District.

Name of the Site	5 MW Floating Grid Connected Solar Power Plant at Thoubal Multipurpose Project Reservoir near Chadong Village, Kamjong District
District	Kamjong District
Coordinates of the location	Latitude : 24.858719 ⁰ North Longitude : 94.140437 ⁰ East
Capacity of the substation	132/33 KV Yaingangpokpi Power Sub-Station; 2 x 20 MVA
Total water surface to be used for FPV Plant	13.65 Acres
Land area required for control room and transformer station	0.12 Acres
Possible size of Solar Floating PV Power Plant as pilot project	5 MW Grid connected solar power plant and can be upgraded in future
Power System and Grid Interface	<p>The power system of the floating solar PV power plant will be injecting into the 132/33 kV substation at Yaingangpokpi under Manipur State Power Company Limited (MSPCL) which is located at a distance of about 6.5 km from the proposed site.</p> <p>The transformer station with LT and HT switch gears and safety devices will be installed inside weather proof of a 20 ft ISO container. Power from the outgoing side of the transformers will be terminated at a 33 kV double pole structure (DPS) near the transformer station. The power will be transferred through a 33 kV overhead transmission line and injected at a 132 /33kV substation at Yaingangpokpi with its associated switchgear.</p>



Satellite Image of Thoubal Multipurpose Project Reservoir and Maphou dam