

7 STUDY OF SITE LOCATION

The site for the solar plant is situated in the picturesque Tentulipada village, nestled within the Junagarh district of Odisha, India. This location was carefully chosen for its ideal geographical attributes that make it an excellent choice for harnessing solar energy. The village is characterized by its abundant sunlight and relatively low cloud cover, which ensures consistent and efficient solar energy production throughout the year. The flat terrain of Tentulipada facilitates the installation of solar panels and minimizes the need for extensive land grading.

Sr. No.	Particulars	Details
General Details		
1	Name of location	Tentulipada
2	Latitude and Longitude	19.7954, 82.94895
3	District	Junagarh
4	State	Odisha

7.1 Land Details

The details of the Schedule Property for the Tentulipada Mouza, Junagarh police thana (thana no. 194), Kalahandi district is mentioned below:

Khata no.	Plot no.	Kisam	Rakbaa (Acre)
287(AJA)	79/2047	Patita	1.93
	80	Patita	0.82
	81	Patita	0.90
	82	Patita	0.26
	83	Patita	0.46
	84/2048	Patita	11.45
	85	Patita	9.33
	89/2049	Patita	6.83
	87	Patita	6.90
	88/2050	Patita	2.70
Total	10 plot		41.58

Table 2 - Land plot details

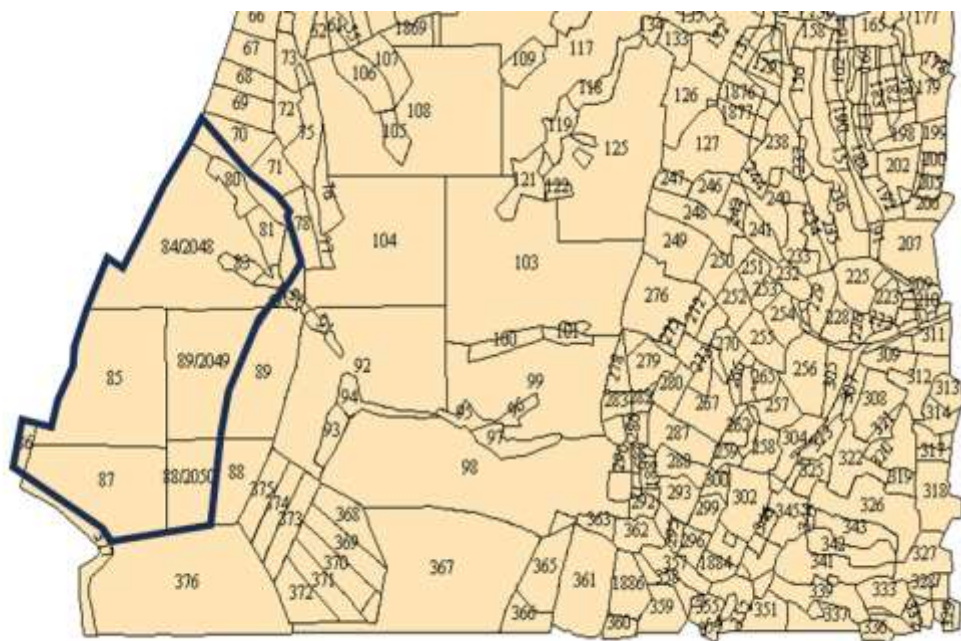


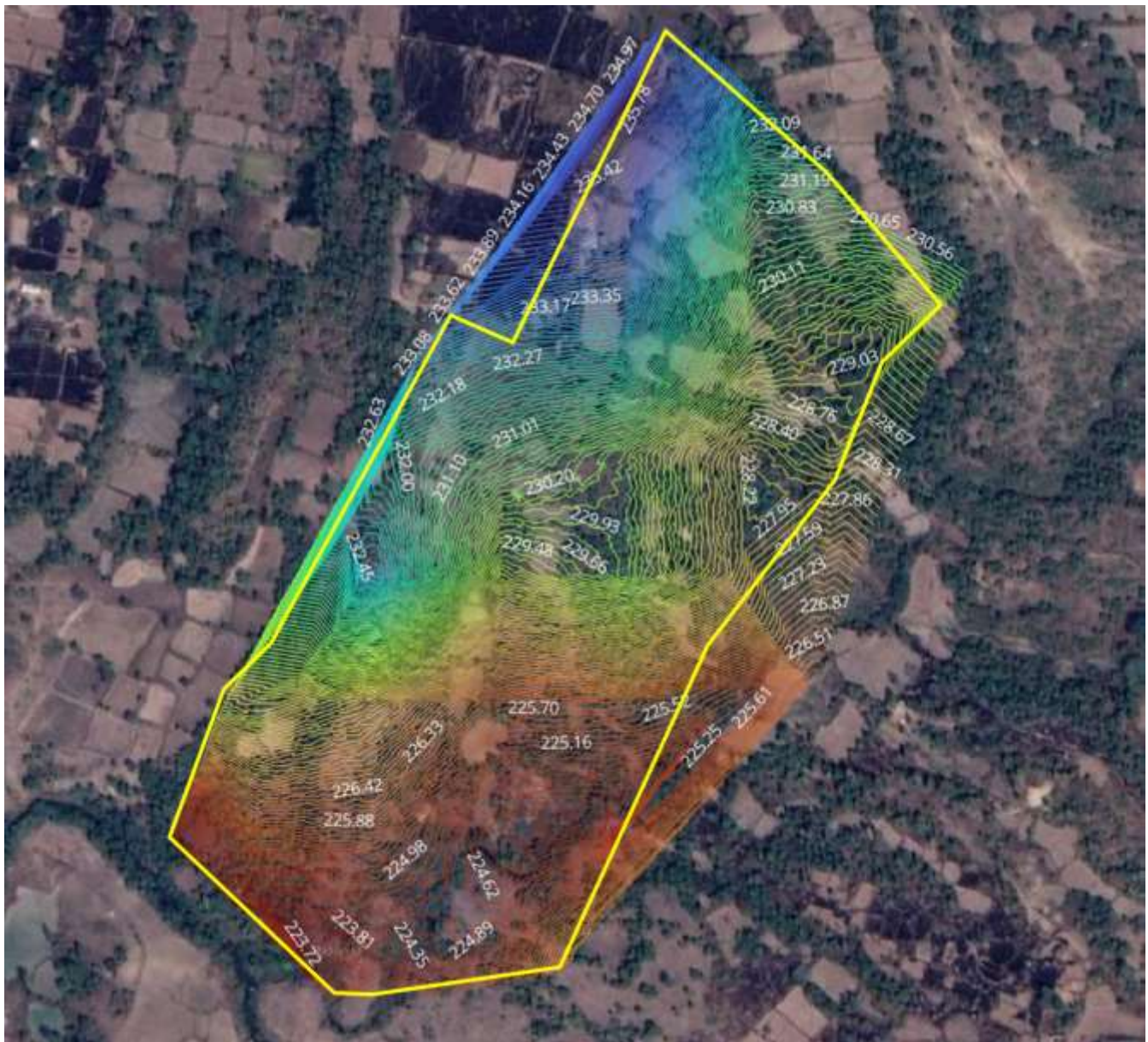
Table 3: Land Boundary as per Bhulekh- Odidha

As per the Bhulekh– Odisha the Land boundary for the above-mentioned Plot nos. is as follows:

Link: <https://bhunakshaodisha.nic.in/bhunaksha/>

7.2 Contour Map

The proposed land parcel for Solar power project has the RL range from 223.72 m to 234.97 m from MSL. The Land has slope towards the south direction and tree cutting is required for the development of the solar power project.



7.3 Desktop Study & Observations:



Figure 1 -Geographical tagging of Site location

Observations:

- a. Access Road up to the site location is not available.
- b. Land is covered under dense vegetation and large trees.
- c. One water stream flows at the south boundary of the land parcel.
- d. Land is not yet demarcated by the Revenue department of Odisha.
- e. LLA is signed between OREDA and M/s Konark Suryanagri Pvt. Ltd.
- f. Land is fairly flat and have slope towards the east direction of the land parcel.
- g. No encroachment is observed inside the land parcel.

Access Road;



Figure 2: Access Road to Land parcel

New access road is required to develop till the Site location. The distance from the existing road upto the site is 0.40 km.