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# **Solar Blazer**

# **Field Survey Report**

#### Gangapuram:

# Village Description:

- Oldest Village in Telangana
- · Gangapuram village is located in Gollapalle mandal of Karimnagar district in Telangana, India1
- It is situated 8km away from sub-district headquarter Gollapalle (Tehsildar office) and 61km away from district headquarter Karimnagar.

### **Socio-Economic Factors:**

- Access to education and healthcare services varies, impacting residents' well-being.
- No Primary Health Care Centre
- 1 Gram Panchayat Office
- 2 Government Schools
- 2 Village Borewell
- 1 Post Office
- Basic infrastructure like water supply and transportation infrastructure is crucial for daily life.
- Source of Income: 90% Agriculture, rest involved in Diary Farms, Bidi making.

# **Population:**

- Total Population: 1300
- Total No. of Houses: 160
- Total Voters: 600
- Total No. of Males: 680
- Total No. of Females: 620

# **Mode of Transport:**

• No Bus, only provision for Auto and Two- wheelers

# **Provision for Solar Panel** Installation:

- Roof top
- Ground mount

# **Power cut frequency:**

- Very frequent power cuts during monsoon 3-4 hours daily
- Daily power cut for 2-3 hours





# **PH\$T\$**













#### **Peddapahad:**

## Village Description:

- · Peddapahad village is located in Jangaon Mandal of Warangal district in Telangana, India; Place started by Jains2.
- It is situated 12km away from sub-district headquarter Jangaon (tehsildar office) and 67km away from district headquarter Warangal.
- Jangaon, Bhongir, Siddipet, Warangal are the nearby Cities to Peddapahad.

#### **Socio-Economic Factors:**

 Access to education and healthcare services varies, impacting residents' well-being.

- No Primary Health Care Centre
- 1 Government School- Zilla Parishad Secondary School (Class 1-10
- Education and employment are crucial, with limited access to quality schools and vocational training.
- Healthcare access is often inadequate, and housing conditions vary.
- Basic amenities like water, electricity, and sanitation are essential needs.
- Source of Income: 90% Agriculture (Wheat, Rice, Vegetables) (Majorly tomatoes), Paddy), Bidi making.
- · More Pakka houses in Peddapahad than Gangapuram.
- Huge export of Custard Apple from Peddapahad.

### **Population:**

- Total Population: 2500
- Total No. of Houses: 1200

## **Mode of Transport:**

• Bus

#### **Provision for Solar Panel Installation:**

- Roof top mostly
- Ground moun

### **Power cut frequency:**

• Frequent power cuts during summer 2-3 hours daily



# **PH\$T\$**S



### **Obulakeshvapur:**

## **Village Description:**

- As part Telangana Districts re-organisation, Obulakeshvapur Village Jangaon Mandal re organised from Warangal District to Jangaon District<sup>3</sup>
- This Place is in the border of the Warangal District and Nalgonda District. Nalgonda District Alair is South towards this place.
- Jangaon is the Nearest Town to Obulakeshvapur. Jangaon is 12 km from Obulakeshvapur. Road connectivity is there from Jangaon to Obulakeshvapur.
- 1500 years old Hanuman Temple is situated here.
- Children are involved in Cricket playing.

#### **Socio-Economic Factors:**

- Basic infrastructure such as electricity and water supply are available. though the quality and reliability can Zvary.
- There are primary and possibly secondary schools in or near the village. Higher education facilities may be further away.
- Access to healthcare facilities may be limited, with residents relying on primary health centres or traveling to nearby towns for more serious medical needs.
- 1 Primary Health Care Centre
- 1 Veterinary Hospital
- 1 Post Office
- 1 Government Office- Mainly for Paddy Distribution
- 1 A.C Community Hall
- 8 Borewells
- 1 Government School- Zilla Praja Parishad Secondary School (Class 5-10); Best performing government School in Telangana
- Basic infrastructure like water supply and transportation infrastructure is crucial for daily life
- Source of Income: 90% Agriculture (Cotton, Paddy, Red gram)
- Many Rice mills established.
- Solar Panels set for towers of Jio and Airtel.

#### Village Description:

- Total Population: 2000
- Total No. of Houses: 650
- Total Voters: 1800
- Total No. of Males: 1005
- Total No. of Females: 995
- SC Colony: 160

#### Mode of Transport:

Bus, Two-wheelers





### **Provision for Solar Panel Installation:**

- Roof top
- Ground mount

#### **Power cut frequency:**

• Daily power cut for 4-5 hours.

# **PH\$T\$**S



# **Korra Thanda:**

# **Village Description:**

- · Korrathanda is a small Village/hamlet in Chintha Pally Mandal in Nalgonda District of Telangana State, India.
- It comes under Mallareddypally Panchayath. It belongs to Telangana 10 KM from Chinthapally<sup>4</sup>.
- Korrathanda is surrounded by Devarakonda Mandal towards East, Madgul Mandal towards South.
- New born Village, mostly populated by ST communities.

# **Socio-Economic Factors:**

- Access to education might be limited by economic factors, with children from poorer families less likely to pursue higher education.
- Literacy levels may be lower compared to urban areas, with varying levels of educational attainment among residents.
- Access to clean drinking water and sanitation facilities limited, impacting overall health and quality of life.
- 1 Primary Health Care Centre
- No Government School
- 1 Anganwadi Center
- Referred to as Amlad Village, not a complete village.

# **Population:**

- Total Population: 160
- Total No. of Houses: 40

region. It is located 64 KM towards west from District headquarters Nalgonda.

Mandal towards west, Nampally Mandal towards East, Gundlapally (Dindi)

- Total Voters: 120
- Total No. of Males: 85
- Total No. of Females: 75

# **Mode of Transport:**

• Bus, Auto, Two-wheelers

# **Provision for Solar Panel** Installation:

- Roof top
- Ground mount

#### **Power cut frequency:**

• Not frequent.

# **PHOTOS**









# **Sundaraiah Nagar:**

# Village Description:

- District of Telangana State, India<sup>5</sup>.
- As part Telangana Districts re-organisation, Sundaraiah Nagar Village Jangaon Mandal re organised from Warangal District to Jangaon district.
- Sundaraiahnagar is surrounded by Lingalaghanpur Mandal towards South, Raghunathpalle Mandal towards East, Alair Mandal towards South, Bachannapeta Mandal towards west.

# **Socio-Economic Factors:**

- Access to education and healthcare services varies, impacting residents' well-being.
- No Primary Health Care Centre
- No Government Schools
- 1 Anganwadi Center
- Sundaraiah Nagar include strong community bonds, cultural traditions, and access to education and healthcare.
- Public transport options are limited.
- Source of Income: Agriculture.

# **Population:**

- Total Population: 600
- Total No. of Houses: 60
- Total Voters: 550
- Total No. of Males:320
- Total No. of Females: 280

Sundaraiah Nagar is a small village/hamlet in Jangaon Mandal in Warangal

• The village has basic road connectivity, though the quality of roads can vary.

#### Mode of Transport:

• No Bus, only provision for Auto and Two-wheelers

# **Provision for Solar Panel Installation:**

- Roof top
- Ground mount

#### **Power cut frequency:**

- Power cuts only during maintenance.
- No problem of daily power cut.

# PH TS





Villages	Gangapuram	Peddapahad	Obulakeshvapur	Korra Thanda	Sundaraiah
Data	Jangaparan	. caaapanaa			Nagar
Government School	2	1	1	0; 1 Anganwadi	0; 1 Anganwadi
РНС	0	0	0; 1 Veterinary	1	1
Borewell	2	0	8	1	١
Gram Panchayat Office	۱	1	۱	o	ο
Post Office	1	1	1	0	ο
Total Population	1300	2500	2000	160	600
Houses	160	1200	650	40	60
Total Voters	600	2100	1800	120	550
Male	680	1295	1005	85	320
Female	620	1295	995	75	280
Source of Income	Agriculture 90%; Bidi making	Agriculture 90%; Bidi making	Agriculture 90%	Agriculture 100%	Agriculture 100%
Transport	Auto; Two Wheelers	Bus	Bus; Two Wheelers	Bus; Auto; Two Wheeler	Auto; Two Wheelers
Provision for Solar Panel Installation	Roof Top & Ground Mount	Mainly Roof top; Ground mount	Both Roof top; Ground mount	Both Roof top; Ground mount	Both Roof top; Ground mount
Frequency of Powercut	Daily 2-3hrs; Monsoon 3-4hrs	Not frequent; Summer 2-3 hours	Daily 4-5 hours	Not frequent	Not frequent, only during maintenance

