


MAHESWARI MINING AND ENERGY PVT. LTD.

(A green energy venture by )



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COMMODITIES TRADING

COMMODITIES TRADING

- MBG Commodities Pvt. Ltd. and other associate companies

LOGISTICS & SHIPPING

- Mandhani Carriers Pvt. Ltd.

COAL BENEFICIATION & WASHERIES

- Coal Washery at IB Valley, Orissa
- Coal Washery at Managuru, AP
- Coal Washery at Ramagundem, AP
- Coal Washery at Talcher, Orissa

RENEWABLE ENERGY

- Maheswari Mining and Energy Pvt. Ltd.
- Abijit Solar Energy Pvt. Ltd.
- Thane Solar Pvt. Ltd.
- Global Coal and Mining Pvt. Ltd.

INFORMATION TECHNOLOGY & MOBILE

- Mobifusion Inc., California, USA
- Voyzze Communications Inc, USA
- Unovon Inc, USA

REAL ESTATE

- Trident Properties Pvt. Ltd.
- Oorjita Projects Pvt. Ltd.



RENEWABLE ENERGY



INFORMATION TECHNOLOGY & MOBILE




REAL ESTATE



LOGISTIC & SHIPPING



COAL BENEFICIATION & WASHERIES

 Diversified group with presence in Trading, Renewable Energy, Real Estate, Coal Beneficiation, Information Technology & Mobile

 Group Annual Revenue of about \$1 Billion

 Global Presence in 10+ countries

 One of India's largest Coal Importers

 India's premier Beneficiation & Washeries Company

 One of World's leading Mobile Apps Company



Maheswari Mining & Energy Pvt. Ltd.



Maheswari Mining & Energy Private Limited is a group company of Maheswari Brothers Group. It is registered under Companies 1956, incorporated on 3rd April 2009 with a long term business plan in renewable energy.

Vision:

To be perceived as a 'One Resource' energy company in solar industry. We, at MMEPL are passionate about contributing to a world, which does not depend on power from fossil fuels only. Our aim is to accelerate the adoption of solar technology across the world and provide an environmentally friendly, sustainable and conflict-free power supply.

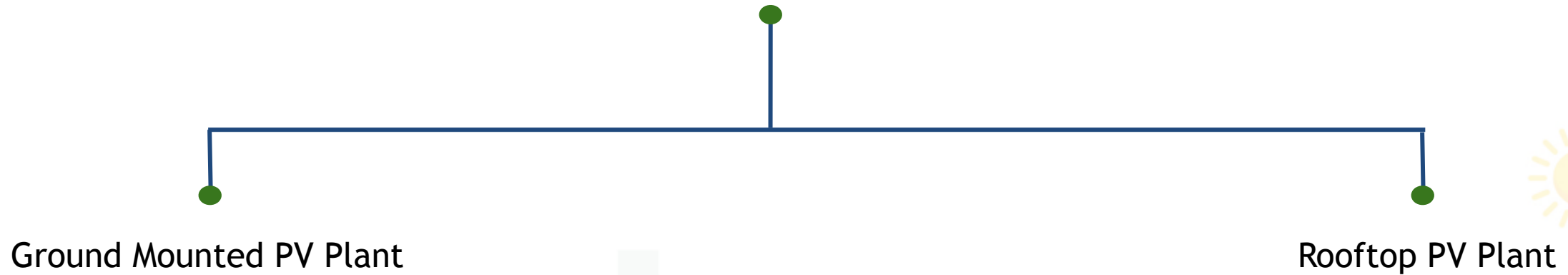
At MMEPL, we put our customers and partners in the centre of our attention and treat them with trust, respect and integrity. While driving for world-class products, continually improving the quality and environmental friendliness of our products are at the core of MMEPL values. We are committed to comply with international safety, environment and quality standards at all times.

Mission:

To achieve a milestone of 1000 MW (1 GW) within the next 2-3 years.

Business Variant Under Solar Energy

Solar Energy Business



Ground Mounted System

Ground-mounted PV system are usually large, utility-scale PV Power Stations. The PV array consist of solar module held in place by racks or frames that are attached to ground based mounting supports.

Ground-based mounting supports include:

- Pole mounts - which are driven directly into the ground or embedded in concrete.
- Foundation mounts - such as concrete slabs or poured footings
- Ballasted footing mounts - such as concrete or steel bases that use weight to secure the solar module system in position and do not require ground penetration.

Various modes under which we can set up a Solar Power plant

- Off-Grid Captive Consumption for domestic premises & commercial premises
- Grid Connected (Net Metered) Captive Consumption for domestic premises & commercial premises
- Sale of Power generated to local Distribution Company (DISCOM)
- Sale of Power generated to 3rd Party consumer (Industry or Commercial entity)

Solar Rooftop System



The solar panels are installed on the roof of any residential, commercial, institutional and industrial buildings.

This system can be of two types:

- Solar Rooftop System with storage facility - Such rooftop system has battery as storage facility. The solar electricity is stored in the battery and can be utilized during nights when the sun is not available.
- Grid Connected Solar Rooftop System - The DC power generated from SPV panel is converted to AC power using power conditioning unit and is fed to the grid either of 33 kV/11 kV three phase lines or of 440V/220V three/single phase line depending on technical and legal requirements.

Types of Metering Arrangements:

- **Net Metering** - The energy generated by the solar rooftop plant is first allowed for self-consumption and the excess energy is injected to the grid.
- **Gross Metering** - The total energy generated by the solar rooftop plant is to be injected into the grid.

Business Verticals



Asset Development

- MMEPL has gained great expertise and capabilities of developing all assets in-house, from initial concept to construction (from soup to nut).

Local Expertise

- MMEPL has local management teams in each market that provides expertise in origination, development, land acquisition, grid assessment, marketing, system design and investment.

Construction Management Operation & Maintenance

- Our geographic reach, combined with our experience, allows us to respond quickly and expertly to a wide range of project challenges.
- Our O&M boost operating efficiency, reduce downtime, mitigate risk, widen competitive edge, maximize performance and increase profitability.

Asset Management

- MMEPL provides asset management services that include stakeholder relations, contract management, accounting, auditing, tax filing, financing and communications, allowing MMEPL asset companies and clients to focus on their core businesses.

Team



The team is lead by Mr. Gopal Lal Somani

An electrical engineer, columnist, vivid speaker, policy maker, panellist and a management guru, Mr. Gopal Lal Somani wore various hats in his 40 years of uncommendable career in all the fields of energy sector (thermal, wind, biomass, and solar) globally.

Mr. Gopal has chaired various key positions for both public and private sector energy entities. Post retirement as Technical Director at RRECL (a Rajasthan State Government Corporation); prior to leading MMEPL, Mr. Somani has advised many Multinationals and Indian Corporates such as, ZDRiVE Japan, ERA Infra, Lanco Solar, KVK Energy.

Mr. Somani was felicitated with “**Solar Champion Award**” from the European Solar Thermal Power Generation Industry Association and Solar Energy International Association of America. Apart from the above quoted accomplishments, he has been awarded by various government agencies for his contributions in the Power Sector.

Channel Partners



Portfolio: 100 MW - India



Executed Projects:

10 MW	Kothagadi, Telangana
10 MW	Peerampally, Telangana
5 MW	Adakkal, Telangana
10 MW	Pargi, Telangana

In execution Projects:

10 MW	Assam
2 X 20 MW	Uttar Pradesh
10 MW	Maharashtra

Project: Executed / In execution



INDIA

- **Executed:** 25 MW ground mounted solar PV plant as IPP
- **Executed:** 10 MW ground mounted solar PV plant under our asset management and construction management verticals
- **In execution:** Grid connected rooftop Solar PV Project with cumulative capacity of 10 MW on available roofs at various locations of Thane Municipal Corporation
- **In execution:** 10 MW ground mounted solar PV PPA signed with Assam Power Distribution Company Ltd. (APDCL) on 25th June 2018
- **In execution:** 2X20 MW ground mounted solar PV PPA signed with Uttar Pradesh Power Corporation Ltd. on 21th December 2018
- 1 x 10 MW PV Solar Project : LOI awaited under 750 MW capacity development program of NSM Phase II Batch I VGF program.
- 15 MW projects at various stages of negotiation and clearances



Peerampally, India (MMEPL)



Peerampally, India (MMEPL)



CAPACITY : 10 MW, GROUND MOUNTED SOLAR PV PLANT
LOCATION : PEERAMPALLY, INDIA
PPA TENURE : 20 YEARS
PPA RATE (TARIFF) : INR 6.45/ UNIT
POWER BUYER : TSSPDCL
COD : 28st MARCH, 2016
LAND : 58 ACRES
MODULE : POLYCRYSTALLINE SILICON PV 310/315 WP
MODULE TIER 1
INVERTER : 12 x 750 and 2 x 500 kW MODULAR CONTAINER
TRACKING TECHNOLOGY : SINGLE AXIS TRACKER
EXPECTED GENERATION : 2.004 MILLION UNITS/ MW
GHI : 5.52 kWh/ m2/ DAY
CUF : 23 % APPROX

https://www.youtube.com/watch?v=XoHBQ0koJ_A&feature=youtu.be

Kothagadi, India (MMEPL)



Kothagadi, India (MMEPL)



CAPACITY	: 10 MW, GROUND MOUNTED SOLAR PV PLANT
LOCATION	: KOTHAGADI, INDIA
PPA TENURE	: 20 YEARS
PPA RATE (TARIFF)	: INR 6.45/ UNIT
POWER BUYER	: TSSPDCL
COD	: 31 st MARCH, 2016
LAND	: 62 ACRES
MODULE	: POLYCRYSTALLINE SILICON PV 310/315 WP
MODULE TIER 1	
INVERTER	: 12 x 690+3 x621 kW MODULAR CONTAINER
TRACKING TECHNOLOGY	: SINGLE AXIS TRACKER
EXPECTED GENERATION	: 2.004 MILLION UNITS/ MW
GHI	: 5.45 kWh/ m2/ DAY
CUF	: 23 % APPROX



Pargi, India (GCMPL)



Pargi, India (GCMPL)



CAPACITY	: 10 MW, GROUND MOUNTED SOLAR PV PLANT
LOCATION	: PARGI, INDIA
PPA TENURE	: 25 YEARS
PPA RATE (TARIFF)	: INR 6.51/ UNIT
POWER BUYER	: TSSPDCL
COD	: 23 st MARCH, 2016
LAND	: 60 ACRES
MODULE	: POLYCRYSTALLINE SILICON PV 310/315 WP MODULE
TIER 1	
INVERTER	: 12 x 690+3 x621 kW MODULAR CONTAINER
TRACKING TECHNOLOGY	: SINGLE AXIS TRACKER
EXPECTED GENERATION	: 2.004 MILLION UNITS/ MW
GHI	: 5.49 kWh/ m2/ DAY
CUF	: 23 % APPROX



Addakal, India (ASEPL)



Addakal, India (ASEPL)



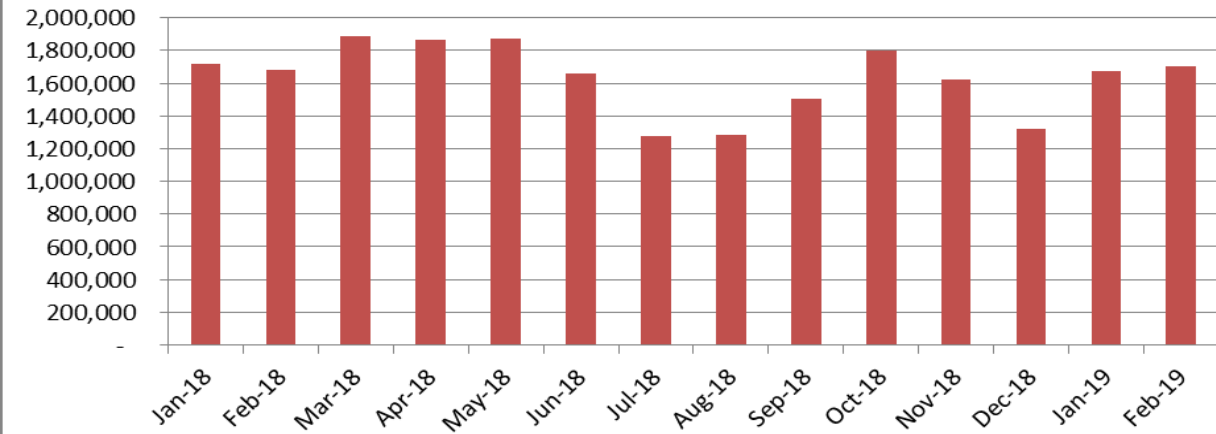
CAPACITY : 5MW, GROUND MOUNTED SOLAR PV PLANT
LOCATION : ADDAKAL, INDIA
PPA TENURE : 20 YEARS
PPA RATE (TARIFF) : INR 6.45/ UNIT
POWER BUYER : TSSPDCL
COD : 31st DECEMBER, 2016
LAND : 32 ACRES
MODULE : POLYCRYSTALLINE SILICON PV 310/315 WP MODULE
TIER 1
INVERTER : 2x2500 kW MODULAR CONTAINER
TRACKING TECHNOLOGY : SINGLE AXIS TRACKER
EXPECTED GENERATION : 1.014 MILLION UNITS/ MW
GHI : 5.49 kWh/ m2/ DAY
CUF : 23 % APPROX



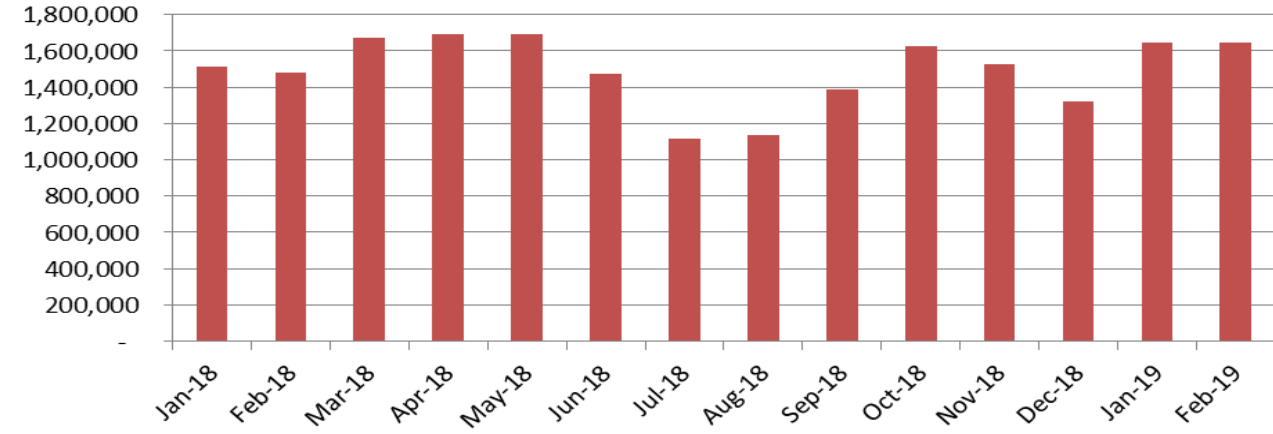
Key Performance Indicators



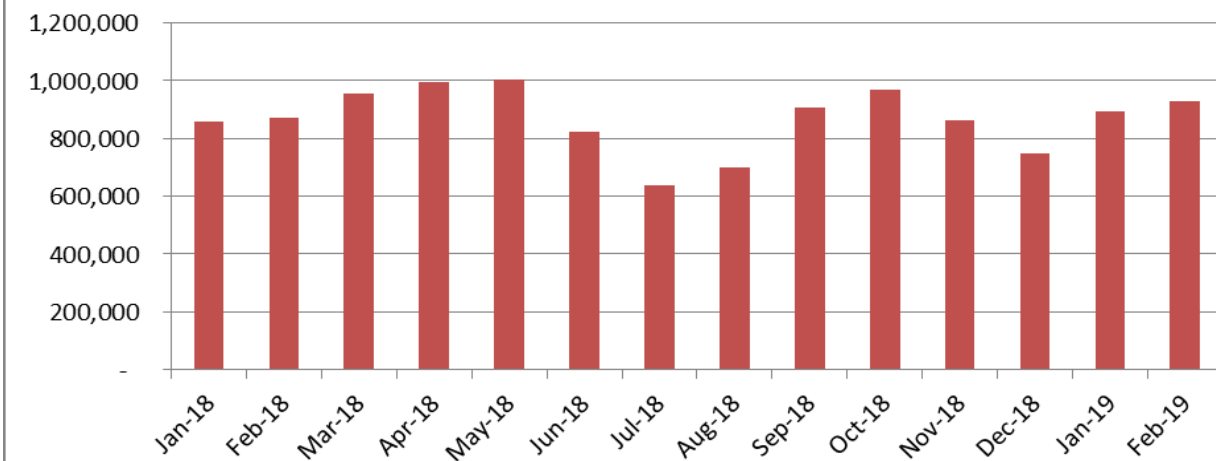
10 MW-Peerampally



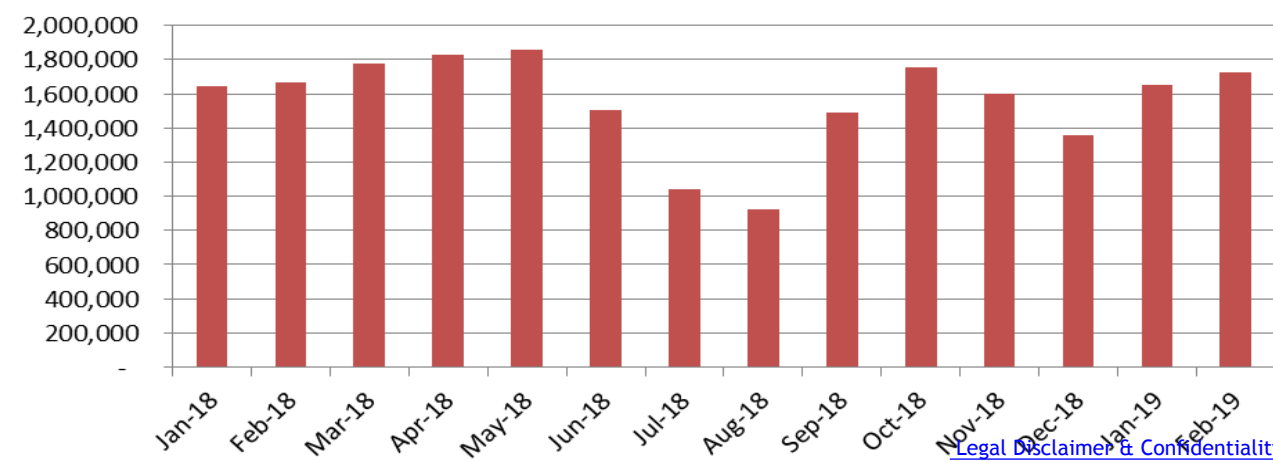
10 MW-Kothagadi



5 MW-Mahbubnagar



10 MW-Pargi



Meet Us



Maheswari Mining and Energy Pvt. Ltd.

MANDHANI HOUSE

Road No 14, Banjara Hills

Hyderabad – 5000034

Tel: (+91) 40 67330750

Email: info@mmepl.org

Website: www.mmepl.org

