

Table 1: Add caption

	Name	MW	MWh	MWh P	MWh/MW	MWh/MW P
Mono	LANCO	15.0	20506.3	27379.0	1367.1	1825.3
	Tot Energy	15.0	20506.3	27379.0		
	MWh/MW		1367.1	1825.3		
	Average				1367.1	1825.3
13[26]* Poly	GSPC	5.0	8906.5	8358.0	1781.3	1671.6
	Surana	5.0	7899.3	9053.0	1579.9	1810.6
	NKG	10.0	17729.4	17168.0	1772.9	1716.8
	GMR	25.0	42603.7	44041.0	1704.1	1761.6
	Sun Edison	25.0	42255.0	43728.0	1690.2	1749.1
	Emami	10.0	16958.8	17954.0	1695.9	1795.4
	GPCL	5.0	7952.3	8863.0	1590.5	1772.6
	Palace	15.0	26336.3	26946.0	1755.8	1796.4
	Avtar	5.0	8117.1	8611.0	1623.4	1722.2
	Torrent	51.0	77483.7	89184.0	1519.3	1748.7
	Tot Energy	156.0	256241.9	273906.0		
	MWh/MW		1642.6	1755.8		
	Average				1671.3	1754.5
10[20]* Thin	Alex	25.0	41968.2	47372.0	1678.7	1894.9
	ZF	5.0	8734.6	8722.0	1746.9	1744.4
	Sun Clean	6.0	10265.9	10408.0	1711.0	1734.7
	Solarified	20.0	34091.4	36212.0	1704.6	1810.6
	AES	15.0	23241.9	26368.0	1549.5	1757.9
	Roha	25.0	43540.3	47860.0	1741.6	1914.4
	Yantra	5.0	6981.4	8858.0	1396.3	1771.6
	Tot Energy	101.0	168823.7	185800.0		
	MWh/MW		1671.5	1839.6		
	Average				1650.0	1804.1

Table 2: PV Module Information

TYPE	Poly	Mono	Cdte	A-si
MAKE	Lanco	Lanco	First Solar	Du-Pont
Crys/TF	Crys	Crys	TF	TF
Pmpp (W)	235	250	85	107
Vmpp (V)	29.56	31.15	46.4	74
Imp (A)	7.95	8.034	1.83	1.44
Voc (V)	37.17	38.04	60.5	99
Isc (A)	8.4	8.712	1.94	1.81
Kv	-0.31	-0.33	-0.27	-0.3
Ki	0.06	0.036	0.04	0.09
Kp	-0.43	-0.47	-0.25	-0.25

Table 3: List of Solar PV Plants in Gujarat

Company Name	Lat	Long	Commissioned, MW
Sunkon Energy Pvt. Ltd.	20.9	71.3	10
ACME Solar Technologies (Gujarat) Pvt. Ltd.	22.3	72.4	15
Precious Energy Services Pvt. Ltd.	23.9	71.9	15.2
Sandland Real Estate Pvt. Ltd.	24.5	72.2	25
Solitaire Energies Pvt. Ltd.	23.9	71.9	15.01
TATA Power Renewable Energy Ltd.	22.4	69.0	25
Mono Steel (India) Ltd.	22.8	71.0	10
Adani Enterprises Ltd.	23.3	69.0	40.11
Backbone Enterprises Ltd.	23.4	70.6	5
Euro Solar Power Pvt Ltd	23.4	70.6	5.12
Gujarat Mineral Development Company Ltd.	23.8	68.8	5
Integrated Coal Mining Ltd.	23.4	70.7	9
Konark Gujarat PV Pvt. Ltd.	23.4	70.6	5
Solar Semiconductor Power Company (India) Pvt Ltd	23.4	70.6	20
Sunborne Energy Gujarat One Pvt.Ltd.	23.4	70.4	15
Unity Power Private Ltd.	23.4	70.1	5
Welspun Urja Gujarat Pvt. Ltd.	23.4	70.1	15.01
AES Solar Energy Gujarat Pvt. Ltd.	23.9	71.2	14.92
Alex Astral Power Pvt. ltd.	23.9	71.2	25.07
Astonfield Solar (Gujarat) Private Limited	23.7	71.7	11.51

Company Name	Lat (N)	Long (E)	Commissioned, MW
Palace Solar Energy Pvt. Ltd.	23.9	71.2	15
PLG Photovoltaics Ltd	23.9	71.5	20
Roha Dyechem Pvt. Ltd.	23.9	71.2	25.04
Solarfield Energy Private Limited	23.8	71.2	20.06
Sun Clean Renewable Power Pvt. Ltd.	23.9	71.2	6
Surana Telecom & Power Ltd.	23.9	71.2	5
Torrent Solargen Limited	23.9	71.2	51
Yantra eSolar India Pvt. Ltd.	23.9	71.2	4.95
Gujarat Power Corporation Ltd.	23.9	71.2	5
SEI Solar Power Gujarat Pvt. Ltd.	23.9	71.2	25.01
ZF Steering Gear(India) Pvt. Ltd.	23.9	71.2	5
GHI Energy Pvt. Ltd. (SPV of Reflex)	21.6	69.9	10
Hiraco Renewable Energy Pvt. Ltd.	21.6	69.9	20.11
Moserbaer Energy & Development Ltd.	21.6	69.9	15.02
APCA Power Pvt. Ltd.	21.8	70.1	5
Aravali Infrapower Ltd.	21.8	70.1	5
CBC Solar Technologies Pvt. Ltd.	21.7	70.1	10
Ganeshvani Merchandise Pvt Ltd	21.7	70.1	5.04
Ganges Green Energy Pvt Ltd.	21.7	70.1	25.08
Green Infra Solar Energy Ltd.	21.7	70.1	10
Taxus Infrastructure & Power Project Pvt.Ltd	23.3	70.0	5
Aatash Power Pvt. Ltd.	23.6	73.3	4.99
Azure Power (Haryana) Pvt. Ltd.	23.4	73.2	10.21
Gujarat Industries Power Company Ltd.	21.4	73.1	5.01
Azure Power (Gujarat) Pvt. Ltd.	23.2	71.4	5
Chattel Constructions Private Ltd.	23.3	71.8	25.04
Dreisatz MySolar24 (P) Ltd.	23.4	71.6	14.99
EMCO Ltd.	23.4	71.6	5
ESP Urja Pvt. Ltd.	23.5	71.7	5
Louroux Bio Energies Ltd.	22.7	71.4	25

Company Name	Lat (N)	Long (E)	Commissioned, MW
MI MySolar24 (P) Ltd,	23.4	71.6	14.99
Millennium Synergy (Gujarat) Pvt. Ltd.	23.4	71.7	9.27
Responsive sutip ltd.	23.1	71.9	25.06
S J Green Park Energy Pvt. Ltd	22.7	71.4	5.12
Ujjawala Power Pvt Ltd	23.1	71.9	23.06
Visual Percept Solar Projects Pvt. Ltd.	23.5	71.6	25
Waa Solar Pvt. Ltd.	22.7	71.4	10.25
SSNL, SAMA	22.3	73.2	10
		Total	852.31