



Utility-scale solar project report from Wiki-Solar



Operating and planned utility-scale solar power stations Worldwide

Prepared exclusively for:

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

Projects in: Afghanistan

Kābul

Pj71146	Surobi		PV	Planned
Site:	Surobi, Kābul, AFGHANISTAN		34.59,69.735	E
Energy:	43.0 GWh			20.0 MWac
Non-equity financier	Asian Development Bank			

Kābul total 1 projects totalling 20.0 MWac

Kandahār

Pj73949	Barakat		PV	Planned
Site:	Barakat, Kandahār, AFGHANISTAN		10.59,66.225	E
Energy:	15.1 MWp 27.5 GWh		8.1 tCO ₂	2.4 MWac
Plant owner / IPP	77 Group [TR]			
Project developer	Barakat Kandahar Solar Energy (BKSE)			
Non-equity financier	Asian Development Bank			

Pj70144	Kandahar DOG		PV	Active 2017
Site:	Kandahār, Kandahār, AFGHANISTAN		31.67, 65.795	E
Energy:				10.0 MWac
Offtaker / tariff	Da Afghanistan Breshna Sherkat [AF]			

Pj71196	Kandahar OIL		PV	Active 2018
Site:	Kandahār, AFGHANISTAN		31.623,65.792	E
Energy:				10.0 MWac
Project developer	Dynasty Oil & Gas Private (DOGPL)			
EPC contractor	Jaguar Overseas [IN]			
Offtaker / tariff	Da Afghanistan Breshna Sherkat [AF]			
Non-equity financier	USAID			

Pj71531	Kandahar Solaristan		PV	Planned
Site:	Kandahār, AFGHANISTAN		31.44,65.47	E
Energy:				30.0 MWac
Project developer	Solaristan			
Non-equity financier	Afghan Government			

Kandahār total 4 projects totalling 62.4 MWac

Nangarhār

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

Pj71868 **Hisar-e-Shahi** PV Planned
 Site: Rodat, Nangarhār, AFGHANISTAN 34.308877, E 70.658969
 Energy: **40.0 MWac**

Project developer	Ministry of Energy and water of Afghanistan (MEW)
EPC contractor	Shuangdeng Group [CN]

Nangarhār total **1** projects totalling **40.0 MWac**
 Projects in: Afghanistan total **6** projects totalling **122.4 MWac**

Projects in: Albania

Fier

Pj75701 **Karavasta** PV Planned
 Site: Karavasta, Fier, ALBANIA 40.82,19.42 E
 Energy: **140.0 MWac**

Project developer	Voltalia [FR]	voltalia.com
Offtaker / tariff	Operatori i Shpërndarjes së Energjisë Elektrike [AL]	
Non-equity financier	EBRD (European Bank for Reconstruction and Development)	

Pj73259 **Sheq Marinas** PV Planned
 Site: Sheq Marinas, Fier, ALBANIA 40.775,19.43 E
 Energy: **50.0 MWac**

Project developer	LM Energy Cooperat
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Fier total **2** projects totalling **190.0 MWac**

Vlorë

Pj72367 **Akerni** PV Active 2020 E
 Site: Akerni, Vlorë, ALBANIA 40.62,19.42 E
 Energy: **100.0 MWac**

Project developer	India Power Corporation
Offtaker / tariff	Operatori i Shpërndarjes së Energjisë Elektrike [AL]

Vlorë total **1** projects totalling **100.0 MWac**
 Projects in: Albania total **3** projects totalling **290.0 MWac**

Projects in: Algeria

Adrar

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

ph68905 **Adrar** PV Active 2016
 Site: 40.1 Ha Adrar, Adrar, ALGERIA 27.908,-0.317 M [view](#)
 Energy: 20.0 MWp **16.4 MWac** C
 Part of project Algerie Sud-Ouest comprising 7 phases totalling: 43.5 MWAC; 53 MWp.

Pm68912 **Algerie Sud-Ouest** PV Active 2016
 Site: Adrar, Adrar, ALGERIA 27.908,-0.317 N [<view](#)
 Energy: 53.0 MWp **43.5 MWac** A
 Part of portfolio Algeria 233 comprising 4 projects totalling: 290 MWAC; 358.7 MWp.

EPC contractor	Yingli Solar [CN]	yinglisolar.com
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ph68908 **Aoulef** PV Active 2016
 Site: 10.0 Ha Aoulef, Adrar, ALGERIA 26.9989,1.3351 M [view](#)
 Energy: 5.0 MWp **4.1 MWac** C
 Part of project Algerie Sud-Ouest comprising 7 phases totalling: 43.5 MWAC; 53 MWp.

ph68907 **Reggane** PV Active 2016
 Site: 10.1 Ha Reggane, Adrar, ALGERIA 26.768,0.137 M [view](#)
 Energy: 5.0 MWp **4.1 MWac** C
 Part of project Algerie Sud-Ouest comprising 7 phases totalling: 43.5 MWAC; 53 MWp.

ph68909 **Timimoun** PV Active 2016
 Site: 18.0 Ha Timimoun, Adrar, ALGERIA 29.17,0.247 M [view](#)
 Energy: 9.0 MWp **7.4 MWac** C
 Part of project Algerie Sud-Ouest comprising 7 phases totalling: 43.5 MWAC; 53 MWp.

ph68910 **Tsabit** PV Active 2016
 Site: 6.0 Ha Tsabit, Adrar, ALGERIA 28.4514,-0.0467 M [view](#)
 Energy: 3.0 MWp **2.5 MWac** C
 Part of project Algerie Sud-Ouest comprising 7 phases totalling: 43.5 MWAC; 53 MWp.

ph68906 **Zaouiet Kounta** PV Active 2016
 Site: 11.9 Ha Zaouiet Kounta, Adrar, ALGERIA 27.241,-0.174 M [view](#)
 Energy: 6.0 MWp **4.9 MWac** C
 Part of project Algerie Sud-Ouest comprising 7 phases totalling: 43.5 MWAC; 53 MWp.

Adrar total 7 projects totalling 39.4 MWac

Batna

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

	Energy: Array power DC	GWh per year	Equivalent homes	CO2 saved ton/yr	Output power AC
Pj74373 Pepa del Verano					PV Planned
Site:	Isla de Maipo, Talagante, Región Metropolitana de Santiago, CHILE			-33.75391,-70.84876	
Energy:					18.0 MWac
Project developer	Aconcagua Energy				
Project developer	PMGD Pepa				
Pj65812 Quilapilún					PV Active 2017
Site:	283.8 Ha	Colina, Chacabuco, Región Metropolitana de Santiago, CHILE		-33.104,-70.637	M view
Energy:	117.4 MWp	242.0 GWh	117,000 Hs	103.0 MWac	
Plant owner / IPP	Atlas Renewable Energy [US] (part of Actis)			atlasrenewableenergy.com	
Project developer	SunEdison [US] (in insolvency)			sunedison.com	
EPC contractor	Eiffage [FR]			eiffage.com	
Offtaker / tariff	Sistema Interconectado Central [CL]			cdecsc.cl	
Non-equity financier	CorpBanca [CL]				
Non-equity financier	DNB Bank [NO]				
Array structure supplier	NEXTracker [US]				
Pj75770 Rucasol					PV Planned
Site:	Til Til, Chacabuco, Región Metropolitana de Santiago, CHILE			-32.95935,-70.81001	
Energy:					9.0 MWac
Project developer	Rucasol				
Pj74382 Samantha					PV Planned
Site:	Til Til, Chacabuco, Región Metropolitana de Santiago, CHILE			-33.09988,-70.78833	
Energy:					64.0 MWac
Project developer	Samantha Solar				
Pj74444 San Francisco CL					PV Active 2018
Site:	10.5 Ha	Colina, Santiago, Región Metropolitana de Santiago, CHILE		-33.041,-70.704	M view
Energy:					3.0 MWac
Project developer	Im2 Solar Chile				
Pj74442 San Pedro de Melipilla					PV Active 2016 <i>D</i>
Site:	6.4 Ha	San Pedro de Melipilla, Melipilla, Región Metropolitana de Santiago, CHILE		-33.9016,-71.4411	M view
Energy:					3.0 MWac
Project developer	CR Goigüe				

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

Pj66168	San Pedro ME			PV	Planned
Site:	San Pedro, Melipilla, Región Metropolitana de Santiago, CHILE			-33.695,-71.18	<i>E</i>
Energy:					9.0 MWac
Project developer	Greenergy [ES]				greenergy.eu

Pj75773	San Ramiro			PV	Planned
Site:	San Pedro de Melipilla, Melipilla, Región Metropolitana de Santiago, CHILE			-34.00659,-71.40056	
Energy:					9.0 MWac
Project developer	Pelequen Sur				

Pj74384	Santa Rosa			PV	Active 2019
Site:	23.9 Ha	San Pedro de Melipilla, Melipilla, Región Metropolitana de Santiago, CHILE		-34.002,-71.222	view
Energy:	10.4 MWp	22.2 GWh		14.4 tCO2	9.0 MWac
Project developer	GR Chaquihue				
Project developer	DE Energia [CL]				
Non-equity financier	UNFCCC (United Nations Framework Convention on Climate Change)				
Solar module supplier	Hanwha Q.Cells [KR] (part of Hanwha)				q-cells.com

Pj65811	Santa Sofia			PV	Unseen
Site:	71.3 Ha	Punta Peuco, Til Til, Chacabuco, Región Metropolitana de Santiago, CHILE		-33.11,-70.825	<i>E</i>
Energy:	57.0 MW				51.0 MWac
Plant owner / IPP	Solbú [CL]				
Project developer	Sun Edison [US] (in insolvency)				sunedison.com
Offtaker / tariff	Sistema Interconectado Central [CL]				cdecsc.cl

Pj74322	Sor de Septiembre			PV	Active 2020
Site:	15.2 Ha	Lampa, Chacabuco, Región Metropolitana de Santiago, CHILE		-33.301,-70.863	<i>M</i> view
Energy:	10.9 MWp	20.6 GWh		13.4 tCO2	9.8 MWac
Project developer	DE Energia [CL]				

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

Pj68858 **Til Til** PV Active 2017
 Site: 199.6 Ha Til Til, Chacabuco, Región Metropolitana de Santiago, CHILE -33.094,-70.862 *M* [view](#)
 Energy: 115.0 MWp **92.7 MWac**

Plant owner / IPP	Andes Mining Energy	
R Plant owner / IPP	EDF Energies Nouvelles [FR] (part of EDF)	edf-energies-nouvelles.com
Project developer	EDF Energies Nouvelles [FR] (part of EDF)	edf-energies-nouvelles.com
EPC contractor	Elecnor [ES]	elecnor.es
O&M contractor	Elecnor [ES]	elecnor.es
Non-equity financier	Credit Agricole [FR]	

Pj74453 **Valle de la Luna II** PV Active 2018
 Site: Lampa, Chacabuco, Región Metropolitana de Santiago, CHILE -33.27176,-70.87008
 Energy: **3.0 MWac**

Project developer	Valle de la Luna II S.p.A
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Santiago Metropolitan total **36** projects totalling **1,044.2 MWac**

Tarapacá

ph61782 **Altos de Pica** PV Building 2020 *F*
 Site: Pica, Tamarugal, Tarapacá, CHILE -20.4647,-69.2718
 Energy: 89.7 GWh 67.2 tCO2 **30.0 MWac**

Part of project Pica comprising 2 phases totalling: 60 MWAC, 70.1 MWp; 179.5 GWh/yr; 134.5 ktCO2/yr.

Plant owner / IPP	Element Power [GB]	elpower.com
Project developer	Element Power [GB]	elpower.com
Non-equity financier	UNFCCC (United Nations Framework Convention on Climate Change)	

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

Pr68363 **Atacama SDX** PV Building 2020
 Site: 200.0 Ha Matilla, Iquique, Tarapacá, CHILE -20.4966,-69.45
 Energy: 171.0 MWp 470.0 GWh 100,000 Hs **149.0 MWac**

Plant owner / IPP	Sonnedix [FR] (now part of JP Morgan)	sonnedix.com
EPC contractor	Metka-Egn [GR] (part owned by Egnatia Energy)	metka-egn.com
O&M contractor	Metka-Egn [GR] (part owned by Egnatia Energy)	metka-egn.com
Offtaker / tariff	Sistema Interconectado del Norte Grande [CL]	
Non-equity financier	Green Climate Fund [KR]	
Non-equity financier	CAF Development Bank	
Non-equity financier	Argentina's Development Bank of Investment and Foreign Trade (BICE)	
Non-equity financier	Banco Security [CL]	
Non-equity financier	UNFCCC (United Nations Framework Convention on Climate Change)	
Solar module supplier	First Solar [US]	firstsolar.com
Inverter supplier	Ingeteam [ES]	ingetteam.com

px68452 **Atacama SDX2** PV Planned 2020 *F*
 Site: Matilla, Iquique, Tarapacá, CHILE -20.4966,-69.45
 Energy: **106.4 MWac** *B*
 Part of project Atacama SDX comprising 2 phases totalling: 255.4 MWp, 10.8 MWp.

Pj74350 **Bellavista CL2** PV Planned
 Site: Pozo Almonte, Tamarugal, Tarapacá, CHILE -20.79707,-69.69208
 Energy: **9.0 MWac**

Project developer	Tamarugal Solar 1 S.A.
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Pj74277 **Bellavista CL3** PV Planned
 Site: Pozo Almonte, Tamarugal, Tarapacá, CHILE -20.80683,-69.70524
 Energy: **9.0 MWac**

Project developer	GR Maitén
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Pj67655 **Cielos de Tarapacá** PV Planned
 Site: 1,650.0 Ha Pintados, Tamarugal, Tarapacá, CHILE -20.74896,-69.57159
 Energy: **600.0 MWac**

Project developer	Valhalla Energy [CL]
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Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

Pj60117 **Laudenbach II** PV Active 2010 *D*
 Site: 19.3 Ha Laudenbach, Karlstadt, Main-Spessart, Bayern, GERMANY 49.925,9.739 *M* [view](#)
 Energy: 11.2 MWp 10.7 GWh 12.5 tCO2 **9.1 MWac** *C*
[Website](#)

Plant owner / IPP	Ecolutions	
Project developer	Harder RE [DE]	
Project developer	Sunpowerparc	
EPC contractor	Solarhybrid [DE] (now defunct)	
Non-equity financier	Commerzbank [DE]	
Solar module supplier	ReneSola [CN]	renesola.com
Inverter supplier	SMA Solar Technology [DE]	SMA.de
Array structure supplier	Mounting Systems [DE]	mounting-systems.info

Pm60934 **Lauingen** PV Active 2010
 Site: 64.4 Ha *B* Helmeringen, Lauingen, Dillingen an der Donau, Bayern, GERMANY 48.51,10.419 *N* [view](#)
 Energy: 25.7 MWp 27.0 GWh 7,500 Hs 11.4 tCO2 **21.1 MWac** *A*
[Website](#)

<i>R</i> Project developer	Gehrlicher Solar [DE] (now defunct)	gehrlicher.com
EPC contractor	Gehrlicher Solar [DE] (now defunct)	gehrlicher.com
Solar module supplier	Yingli Solar [CN]	yinglisolar.com
Solar module supplier	First Solar [US]	firstsolar.com
Inverter supplier	Siemens [DE]	siemens.com/solar
Inverter supplier	SMA Solar Technology [DE]	SMA.de
Array structure supplier	Gehrlicher Solar [DE] (now defunct)	gehrlicher.com

Pj69651 **Lechenroth H1** PV Active 2018 *E*
 Site: Lechenroth, Seßlach, Coburg, Bayern, GERMANY 50.215,10.765 *E*
 Energy: 5.3 MWp *B* **5.2 MWac** *C*

Project developer	IBC Solar [DE]	IBC-solar.de
Offtaker / tariff	Bundesnetzagentur [DE]	

Pj73558 **Lechenroth Q1** PV Building 2021
 Site: Lechenroth, Seßlach, Coburg, Bayern, GERMANY 50.21,10.765 *E*
 Energy: 4.2 MWp *B* **3.4 MWac** *C*

Project developer	Münch Cleantec [DE]
Offtaker / tariff	Bundesnetzagentur [DE]

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

pp63289 **Leesau** PV Active 2012
 Site: 6.8 Ha Markt Thurnau, Bayern, GERMANY 50.008, 11.343 *M* [view](#)
 Energy: 2.0 MWp **1.6 MWac** *C*
 Part of project Jura Solarpark comprising 8 sites totalling: 27 MWAC; 33 MWp; 18 ktCO2/yr.

Pj75562 **Lehengütingen T1** PV Planned 2022
 Site: Schopfloch, Ansbach Landkreis, Bayern, GERMANY 49.105, 10.299 *E*
 Energy: 4.1 MWp *B* **3.4 MWac** *C*

Project developer	Engelhardt PVA GbR
Offtaker / tariff	Bundesnetzagentur [DE]

Pj60080 **Leimershof** PV Active 2010 *D*
 Site: 23.1 Ha Leimershof, Breitengüßbach, Bamberg, Bayern, GERMANY 49.9829, 11.9643 *M* [view](#)
 Energy: 13.8 MWp 7 ktCO2 **11.3 MWac** *C*
[Website](#)

Plant owner / IPP	community participants
Plant owner / IPP	IBC Solar [DE] IBC-solar.de
Project developer	IBC Solar [DE] IBC-solar.de
EPC contractor	IBC Solar [DE] IBC-solar.de
O&M contractor	IBC Solar [DE] IBC-solar.de

Pj63141 **Lerchenhaid II** PV Active 2013
 Site: 27.5 Ha Lerchenhaid, Straubing, Bayern, GERMANY 48.8771, 12.5148 *M* [view](#)
 Energy: 12.3 MWp **10.1 MWac** *C*

Project developer	Gold Solar Wind Management [DE]
Offtaker / tariff	Stadtwerke Straubing [DE]
Module supplier	Hanwha SolarOne [KR] (part of Hanwha) hanwha-solarone.com

Pj75002 **Lichtenstein S1** PV Planned 2021
 Site: Lichtenstein, Pfarrweisach, Haßberge, Bayern, GERMANY 50.139, 10.792 *E*
 Energy: 5.5 MWp *B* **4.5 MWac** *C*

Project developer	Enerparc [DE] enerparc.com
Offtaker / tariff	Bundesnetzagentur [DE]

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

Pj76632 **Kalaghatagi** PV Planned 2021 *D*
 Site: Kalaghatagi, Dharwad, Karnataka, INDIA 15.2,74.94 *E*
 Energy: **20.0 MWac**

Project developer	Renew Solar Power [IN]
Offtaker / tariff	Chamundeshwari Electricity Supply Corporation [IN]

Pj62239 **Kalamarahalli** PV Active 2013
 Site: 21.7 Ha Kalamarahalli, Challakere, Chitradurga, Karnataka, INDIA 14.109,76.758 *M* [view](#)
 Energy: 18.0 GWh 70,000 Hs 15.8 tCO2 **10.0 MWac**

Plant owner / IPP	Jindal Aluminum [IN] (part of Jindal Group)
Project developer	Jindal Aluminum [IN] (part of Jindal Group)
EPC contractor	Sterling & Wilson [IN] (part of SP Group) sterlingwilson.com
Offtaker / tariff	Bangalore Electricity Supply Co [IN]
Non-equity financier	UNFCCC (United Nations Framework Convention on Climate Change)
Solar module supplier	Canadian Solar [CA] canadiansolar.com
Inverter supplier	Tata Power [IN] tatapowersolar.com

Pj76578 **Kallur** PV Active 2017
 Site: 90.8 Ha Yelburga, Koppal, Karnataka, INDIA 15.556,76.033 *M* [view](#)
 Energy: **40.0 MWac** *C*

Part of portfolio KA2 PSEPL comprising 7 projects totalling: 350 MWAC; 426.8 MWp.

Plant owner / IPP	Parampujya Solar Energy [IN] (part of Adani)
Project developer	Parampujya Solar Energy [IN] (part of Adani)
EPC contractor	Attil Constructions & Infrastructure [IN]
Offtaker / tariff	Mangalore Electricity Supply Co [IN]

Pj6583 **Kallur 2** PV Active 2018 *D*
 Site: 24.4 Ha Kallur, Yelburga, Koppal, Karnataka, INDIA 15.577,76.017 *M* [view](#)
 Energy: **10.0 MWac**

Part of portfolio KA2 PSEPL comprising 7 projects totalling: 350 MWAC; 426.8 MWp.

Project developer	Parampujya Solar Energy [IN] (part of Adani)
Offtaker / tariff	Bangalore Electricity Supply Co [IN]

Pj68398 **Kanajanahalli Bhp** PV Active 2017
 Site: 53.2 Ha Kanajanahalli, Chitradurga, Karnataka, INDIA 14.126,76.81 *M* [view](#)
 Energy: **20.0 MWac**

Plant owner / IPP	Bhoruka Power
Project developer	Bhoruka Power Corporation Limited
Offtaker / tariff	Mangalore Electricity Supply Co [IN]

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy:	Array power DC	GWh per year	Equivalent homes	CO2 saved ton/yr	Output power AC
Pj76557	Kanajanahalli SPT			PV	Active 2016
Site:	63.5 Ha	Kanajanahalli, Hiriyur, Chitradurga, Karnataka, INDIA		14.108,76.851	M view
Energy:					30.0 MWac C
Project developer	Solitaire Powertech				
Offtaker / tariff	Bangalore Electricity Supply Co [IN]				
Pj67018	Kanakagiri			PV	Active 2017
Site:	44.6 Ha	Kanakagiri, Gangavathi, Koppal, Karnataka, INDIA		15.572,76.464	M view
Energy:	20.0 MWp				17.0 MWac
Project developer	Tata Power [IN]				
Offtaker / tariff	Hubli Electricity Supply Company [IN]				
Pj76650	Kandikere			PV	Active 2020 E
Site:		Kandikere, Chiknayakanhalli, Tumkur, Karnataka, INDIA		13.51,76.103	E
Energy:					5.0 MWac
Project developer	Sree Suryodaya Industries				
Offtaker / tariff	Karnataka Renewable Energy Development [IN]				
Pj67050	Kannakapura			PV	Active 2017
Site:	35.5 Ha	Kannakapura, Ramnagar, Karnataka, INDIA		12.403,77.378	M view
Energy:					20.0 MWac
R Plant owner / IPP	G.R.Thangai Maligai [IN]				
Project developer	G.R.Thangai Maligai [IN]				
Offtaker / tariff	Bangalore Electricity Supply Co [IN]				
px76528	Karekal I			PV	Active 2018 D
Site:	46.6 Ha	Karekal, Bellary, Karnataka, INDIA		15.194,77.135	M view
Energy:	22.0 MWp				20.0 MWac
Part of project Karekal I comprising 2 phases totalling: 22.5 MWAC; 25 MWp.					
Project developer	Clean Solarpower (Bellary) Pvt Ltd				
Offtaker / tariff	Karnataka Renewable Energy Development [IN]				
Pj76534	Kasaba Hobli			PV	Active 2017 D
Site:	8.8 Ha	Jagalur, Davanagere, Karnataka, INDIA		14.475,76.315	M view
Energy:					5.0 MWac C
Project developer	Shivam Solar				
Offtaker / tariff	Karnataka Renewable Energy Development [IN]				

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

Pj71772 **Kavithal** PV Active 2018
 Site: 62.1 Ha Kavital, Raichur, Karnataka, INDIA 16.179,76.764 *M* [view](#)
 Energy: **28.9 MWac**

Project developer Hero Future Energies [IN]
 Offtaker / tariff Karnataka Renewable Energy Development [IN]

Pj75958 **Kembhavi** PV Active 2018
 Site: 16.648,76.578 *E*
 Energy: **10.0 MWac**

Project developer Karvy [IN] karvy.com
 Offtaker / tariff Chamundeshwari Electricity Supply Corporation [IN]

Pj75058 **Kerehalli** PV Active 2018
 Site: 48.0 Ha Kerehalli, Koppal, Karnataka, INDIA 15.425,75.871 *E*
 Energy: 27.0 MWp 47.0 GWh 13,996 Hs **20.0 MWac**

Project developer Solar Arise [IN] (part owned by ThomasLloyd)
 O&M contractor Talettutayi [IN] (part of Solar Arise)
 Offtaker / tariff Bangalore Electricity Supply Co [IN]

Pj76656 **Kerkalamatti GR** PV Building 2020 *D*
 Site: 16.14,75.575 *E*
 Energy: **50.0 MWac**

Project developer Gamesa [ES]
 Offtaker / tariff Karnataka Renewable Energy Development [IN]

Pj76701 **Kerkalamatti SSE** PV Planned 2022 *D*
 Site: 16.12,75.58 *E*
 Energy: **20.0 MWac**

Project developer Saiganesh Solar Energies Pvt. Ltd.,
 Offtaker / tariff Karnataka Renewable Energy Development [IN]

Pj76589 **Khalkhamb** PV Active 2018
 Site: 193.2 Ha Khalkhamb, Sedam, Gulbarga, Karnataka, INDIA 17.108,77.242 *M* [view](#)
 Energy: **100.0 MWac** *C*

Project developer CleanMax [IN] cleanmax.com
 Offtaker / tariff Karnataka Renewable Energy Development [IN]

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

Pj65189 **Stebbing** PV Active 2015
 Site: 9.0 Ha Stebbing, Essex, UNITED KINGDOM 51.8848,0.3936 M [view](#)
 Energy: 5.3 MWp **4.3 MWac**

R Plant owner / IPP	Lightsource BP [GB] (part owned by BP)	lightsourcebp.com
Project developer	Lightsource BP [GB] (part owned by BP)	lightsourcebp.com
Offtaker / tariff	Office of Gas and Electricity Markets [GB]	

Pj65168 **Stisted** PV Active 2016
 Site: 6.9 Ha Stisted, Essex, UNITED KINGDOM 51.9102,0.5936 M [view](#)
 Energy: 5.0 MWp **4.4 MWac**

Project developer	Push Energy [GB]	pushenergy.co.uk
Offtaker / tariff	Office of Gas and Electricity Markets [GB]	

Pj72891 **Tilbury LCY2** PV Active 2016
 Site: Tilbury, Essex, UNITED KINGDOM 51.967,0.3547
 Energy: 4.0 MWp **3.3 MWac**

Project developer	Amazon [US]	
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Pj63845 **Wix** PV Active 2014
 Site: 22.4 Ha Manningtree, Essex, UNITED KINGDOM 51.914,1.13 M [view](#)
 Energy: 18.7 MWp **15.0 MWac**

Plant owner / IPP	TRIG (Renewables Infrastructure Group) [GB]	trig-ltd.com
Project developer	IB Vogt Solar [DE]	ibvogt.com
EPC contractor	IB Vogt Solar [DE]	ibvogt.com
R O&M contractor	IB Vogt Solar [DE]	ibvogt.com
Offtaker / tariff	Office of Gas and Electricity Markets [GB]	
Solar module supplier	Hanwha SolarOne [KR] (part of Hanwha)	hanwha-solarone.com

Pj6621 **Wix Green** PV Active 2015
 Site: 7.4 Ha Wix, Essex, UNITED KINGDOM 51.9158,1.1543 M [view](#)
 Energy: 5.0 MWp **4.3 MWac**

R Plant owner / IPP	Moser Baer [IN] (now HPPPL)	moserbaersolar.com
Project developer	Hive Energy [GB]	hiveenergy.co.uk
Project developer	Moser Baer [IN] (now HPPPL)	moserbaersolar.com
EPC contractor	Metka-Egn [GR] (part owned by Egnatia Energy)	metka-egn.com
O&M contractor	Metka-Egn [GR] (part owned by Egnatia Energy)	metka-egn.com
Offtaker / tariff	Office of Gas and Electricity Markets [GB]	

Essex total **28** projects totalling **268.9 MWac**

Gloucestershire

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

Pj66709 **Actrees** PV Active 2016
 Site: 7.6 Ha Berkeley, Gloucestershire, UNITED KINGDOM 51.6809,-2.4203 M [view](#)
 Energy: 5.0 MWp **4.1 MWac**

R Project developer	Actrees Solar Power	
EPC contractor	IB Vogt Solar [DE]	ibvogt.com
R O&M contractor	IB Vogt Solar [DE]	ibvogt.com
Offtaker / tariff	Office of Gas and Electricity Markets [GB]	

Pj66697 **Almondsbury** PV Active 2016
 Site: 7.6 Ha Almondsbury, Gloucestershire, UNITED KINGDOM 51.5463,-2.5785 M [view](#)
 Energy: 4.6 MWp **3.9 MWac**

Project developer	Anesco [GB]	anesco.co.uk
R EPC contractor	Anesco [GB]	anesco.co.uk
R O&M contractor	Anesco [GB]	anesco.co.uk
Offtaker / tariff	Office of Gas and Electricity Markets [GB]	

Pj69717 **Avonmouth** PV Active 2016
 Site: 6.7 Ha Avonmouth, Bristol, Gloucestershire, UNITED KINGDOM 51.5084,-2.6649 M [view](#)
 Energy: 4.2 MWp **3.4 MWac**

Project developer	Bristol Energy Co Op	
O&M contractor	British Solar Renewables [GB]	britishrenewables.com

Pj68743 **Awre** PV Active 2016
 Site: 11.1 Ha Awre, Newnham, Gloucestershire, UNITED KINGDOM 51.77,-2.447 M [view](#)
 Energy: 5.0 MWp 1,400 Hs 2.3 tCO2 **4.1 MWac**

Plant owner / IEP	Encavis [DE](formerly Capital Stage)	encavis.com
Project developer	Locogen	
Offtaker / tariff	Office of Gas and Electricity Markets [GB]	

Pj65622 **Brockhampton** PV Active 2017
 Site: 9.3 Ha Brockhampton, Gloucestershire, UNITED KINGDOM 51.939,-2.089 M [view](#)
 Energy: 6.7 MWp **4.2 MWac**

Project developer	Elgar Middleton [GB]	
Offtaker / tariff	Office of Gas and Electricity Markets [GB]	

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

Pj64681 **Chelwood** PV Active 2015
 Site: 12.7 Ha Bristol, Gloucestershire, UNITED KINGDOM 51.3486,-2.5163 *M* [view](#)
 Energy: 5.0 MWp **4.1 MWac** *C*

Project developer	Ed Maxwell	
O&M contractor	British Solar Renewables [GB]	britishrenewables.com
Offtaker / tariff	Office of Gas and Electricity Markets [GB]	

Pj63824 **Crucis Park** PV Active 2014
 Site: 27.3 Ha Ampney Crucis, Cirencester, Gloucestershire, UNITED KINGDOM 51.726,-1.919 *M* [view](#)
 Energy: 15.5 MWp **12.5 MWac** *C*

Offtaker / tariff	Office of Gas and Electricity Markets [GB]	
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Pj69703 **Elmstone Hardwicke** PV Planned
 Site: Elmstone Hardwicke, Cheltenham, Gloucestershire, UNITED KINGDOM 51.951,-2.13
 Energy: 4.0 MWp **3.3 MWac** *C*

Project developer	Good Energy [GB]	goodenergy.co.uk
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Pj68479 **Gretton** PV Active 2016
 Site: 8.3 Ha Gretton, Cheltenham, Gloucestershire, UNITED KINGDOM 51.985,-2.0064 *M* [view](#)
 Energy: 4.9 MWp **3.8 MWac**

Plant owner / IPP	Blackrock [UK]	blackrock.com
Project developer	Green Hedge [GB]	
EPC contractor	CTF-Solar [DE] (part of CTIEC)	ctf-solar.de
Offtaker / tariff	Office of Gas and Electricity Markets [GB]	
Solar module supplier	Q-Cells [DE]	
Inverter supplier	Huawei [CN]	huawei.com
Array structure supplier	Heintzmann Industries [DE]	heintzmann.eu

Pj64663 **Hillhouse** PV Active 2015
 Site: 37.9 Ha Cambridge, Gloucestershire, UNITED KINGDOM 51.739,-2.363 *M* [view](#)
 Energy: 28.3 MWp **23.1 MWac**

Project developer	Cambridge Solar Power - Mr S H	
EPC contractor	IB Vogt Solar [DE]	ibvogt.com
O&M contractor	IB Vogt Solar [DE]	ibvogt.com
Offtaker / tariff	Office of Gas and Electricity Markets [GB]	

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

Pj66084 **Sunshine Valley** PV Active 2019
 Site: Amargosa, Nye County, Nevada, UNITED STATES 36.521,-116.504 *M* [plan](#)
 Energy: 103.4 MWp 302.0 GWh **96.0 MWac**

Plant owner / IPP	Sunshine Valley Solar LLC	
Project developer	First Solar [US]	firstsolar.com
Project developer	EDP Renováveis [ES]	
Offtaker / tariff	California Energy Commission [US]	energy.state.ca.us
Solar module supplier	First Solar [US]	firstsolar.com

Pm64511 **Switch Station** PV Active 2017
 Site: 310.0 Ha Dry Lake Solar Zone, Clark County, Nevada, UNITED STATES 36.428,-114.888 *N* [< plan](#)
 Energy: 218.3 MWp 46,000 Hs 265.0 tCO2 **179.0 MWac A** [Website](#)

Plant owner / IPP	EDF Renewable Energy [US] (part of EDF-EN)	edf-re.com
Plant owner / IPP	PGGM Infrastructure	
Project developer	First Solar [US]	firstsolar.com
Offtaker / tariff	NV Energy [US] (now part of BHE Renewables)	
Solar module supplier	First Solar [US]	firstsolar.com

Pj72945 **Tahoe Reno** PV Building 2020
 Site: 710.0 Ha Sparks, Storey County, Nevada, UNITED STATES 39.466,-119.52
 Energy: 700.0 MWp 1,400.0 GWh **574.0 MWac C**

Project developer	Solar Farms [US]
Site land-owner	Solar Farms [US]

Pm70785 **Techren** PV Building 2020
 Site: Eldorado Valley, Boulder City, Clark County, Nevada, UNITED STATES 35.849,-114.98 *N* [< view](#)
 Energy: **400.0 MWac A**

Project developer	Techren Solar [US]
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ph62013 **Techren I** PV Active 2018 *D*
 Site: 236.2 Ha Eldorado Valley, Boulder City, Clark County, Nevada, UNITED STATES 35.849,-114.98 *M* [view](#)
 Energy: 132.0 MWp **100.0 MWac**

Part of project Techren comprising 5 phases totalling: 400 MWAC; 502 MWp.

Plant owner / IPP	Centaurus Energy [US]	centaurusenergy.com
<i>Q</i> Plant owner / IPP	previously: 174 Power Global [US] (part of Hanwha)	174powerglobal.com
EPC contractor	Swinerton Renewable Energy [US]	swinertonrenewable.com
Offtaker / tariff	California Energy Commission [US]	energy.state.ca.us
Non-equity financier	US Bankcorp Community Development Corp [US]	

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

ph71618 **Techren II** PV Active 2019 *D*

Site: 413.9 Ha Eldorado Valley, Boulder City, Clark County, Nevada, UNITED STATES 35.871,-114.955 *M* [view](#)

Energy: 248.0 MWp **200.0 MWac**

Part of project Techren comprising 5 phases totalling: 400 MWac; 502 MWp.

Plant owner / IPP	Centaurus Energy [US]	centaurusenergy.com
Q Plant owner / IPP	previously: 174 Power Global [US] (part of Hanwha)	174powerglobal.com
EPC contractor	Swinerton Renewable Energy [US]	swinertonrenewable.com
Inverter supplier	SunGrow [CN]	
Asset Manager	Clenera [US]	clenera.com

ph70797 **Techren III** PV Building 2020

Site: Eldorado Valley, Boulder City, Clark County, Nevada, UNITED STATES 35.895,-114.935 *E*

Energy: **25.0 MWac**

Part of project Techren comprising 5 phases totalling: 400 MWac; 502 MWp.

Project developer	Techren Solar III
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ph70798 **Techren IV** PV Building 2020

Site: Eldorado Valley, Boulder City, Clark County, Nevada, UNITED STATES 35.895,-114.935 *E*

Energy: **25.0 MWac**

Part of project Techren comprising 5 phases totalling: 400 MWac; 502 MWp.

Project developer	Techren Solar IV
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ph71898 **Techren V** PV Building 2020

Site: Eldorado Valley, Boulder City, Clark County, Nevada, UNITED STATES 35.895,-114.935 *E*

Energy: **50.0 MWac**

Part of project Techren comprising 5 phases totalling: 400 MWac; 502 MWp.

Project developer	Techren Solar V
Offtaker / tariff	NV Energy [US] (now part of BHE Renewables)

Pj68847 **Tesla Gigafactory** PV Building 2020

Site: Clark, Storey County, Nevada, UNITED STATES 39.538, -119.439 *E*

Energy: 70.0 MWp **57.4 MWac** *C*

Site land-owner	Tesla [US]
Offtaker / tariff	Tesla [US]
Solar module supplier	SolarCity [US] (now part of Tesla)

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

Pj66381 **Townsite** PV Active 2019 *E*
 Site: Boulder City, Clark County, Nevada, UNITED STATES 35.942,-114.884 *M* [plan](#)
 Energy: 231.0 MWp 350.0 GWh 30,000 Hs **180.0 MWac**

Plant owner / IPP	Capital Dynamics [CH]
Project developer	Tenaska Solar Ventures [US]
Q Project developer	previously: Skylar Resources, LP

Pj74267 **Tungsten Mountain** PV Active 2019
 Site: Churchill County, Nevada, UNITED STATES 39.665,-117.685 *E*
 Energy: **7.3 MWac**

Project developer	Ormat [US]	ormat.com
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Pm70796 **Turquoise** PV Building 2020
 Site: Reno Technology Park, Washoe County, Nevada, UNITED STATES 39.58,-119.5 *E*
 Energy: 73.2 MWp **60.0 MWac A**

Project developer	Sumitomo [JP]	
Project developer	Estuary Capital	
EPC contractor	RES Group (Renewable Energy Systems) [GB]	res-group.com
EPC contractor	McCarthy Building [US]	mccarthy.com
Offtaker / tariff	NV Energy [US] (now part of NRE Renewables)	

ph75205 **Turquoise Apple** PV Building 2020
 Site: Reno Technology Park, Washoe County, Nevada, UNITED STATES 39.58,-119.5 *E*
 Energy: 60.0 MWp 9,300 Hs **50.0 MWac**

Part of project Turquoise comprising 2 phases totalling: 60 MWAC; 73.2 MWp.

Plant owner / IPP	Greenbacker Renewable Energy [US]	
EPC contractor	McCarthy Building [US]	mccarthy.com

ph75112 **Turquoise Liberty** PV Active 2019
 Site: 27.5 Ha Reno Technology Park, Washoe County, Nevada, UNITED STATES 39.581,-119.519 *M* [view](#)
 Energy: **10.0 MWac**

Part of project Turquoise comprising 2 phases totalling: 60 MWAC; 73.2 MWp.

Offtaker / tariff	Liberty Utilities
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Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents

Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

Pj63357 **Gwanda** PV Planned
 Site: Gwanda, Matabeleland South, ZIMBABWE -20.955, 29.045 E
 Energy: 100.0 MWp **82.0 MWac C**

Project developer	Green Solar Europa [GB]
Q Project developer	previously: Intratrek Zimbabwe [ZW]
EPC contractor	Chint Group [CN]
Offtaker / tariff	Zimbabwe Power Company [ZW]

Pj63890 **Insukamini** PV Planned
 Site: Bulawayo, Matabeleland South, ZIMBABWE -20.28, 28.5 E
 Energy: 100.0 MWp **82.0 MWac C**

Project developer	ZTE Corporation [CN] zte.com
Offtaker / tariff	Zimbabwe Power Company [ZW]

Matabeleland South total **2** projects totalling **164.0 MWac**

Midlands

Pj63889 **Munyati** PV Building
 Site: Minyati, Midlands, ZIMBABWE -18.64, 29.78 E
 Energy: 100.0 MWp **82.0 MWac C**

Project developer	Number 17 Metallurgical China
Q Project developer	previously: China Jiangxi Corporation [CN]
Offtaker / tariff	Zimbabwe Power Company [ZW]
Solar module supplier	JA Solar [CN] jasolar.com

Midlands total **1** projects totalling **82.0 MWac**

Projects in: Zimbabwe (Other)

Pj63016 **4ZW Eastway Zim I** PV Planned
 Site: ZIMBABWE
 Energy: 75.0 MWp 50,000 Hs **61.5 MWac C**

Part of portfolio 4ZW Eastway Zimbabwe comprising 2 projects totalling: 492 MWAC; 600 MWp.

Pf63017 **4ZW Eastway Zimbabwe** PV Planned
 Site: ZIMBABWE
 Energy: 600.0 MWp **492.0 MWac A**

Project developer	Thompson Cole [GB]
Project developer	Twalumba Holdings [ZW]

Row 1: Name, type, status + due date. Row 2: Location and site data. Row 3: Design capacity ratings + equivalents
 Energy: Array power DC GWh per year Equivalent homes CO2 saved ton/yr **Output power AC**

Pj63919 **4ZW Eastway Zimbabwe (bal)** PV Planned
 Site: ZIMBABWE
 Energy: 525.0 MWp ^B **430.5 MWac** ^C
 Part of portfolio 4ZW Eastway Zimbabwe comprising 2 projects totalling: 492 MWAC; 600 MWp.

{nationwide} total	3	projects totalling	492.0 MWac
Projects in: Zimbabwe total	14	projects totalling	1,177.5 MWac

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Key to annotations used in Wiki-Solar reports (some may not be used in this report)

- A* Aggregated portfolio of projects separately listed herein. These are not double-counted in subtotals shown.
- B* Built up from constituent projects or phases; or split down from portfolio or regional total.
- C* Calculated from other known parameters and applicable regional ratios (e.g. performance ratio).
- D* Date is given to the nearest year or quarter or month; or derived from historical satellite images.
- E* Estimated figure or location, or data provided by sources not involved in the project.
- F* Forecast coming-online-date from project participants or other data sources.
- L* Look on the Wiki-Solar maps (url below) for this project's site footprint.
- M* Maps at Wiki-Solar.org show the site footprint; press the hyperlink on the right.
- N* Note: The site footprint (above) is for a part of this project, or for the portfolio of which this is part.
- Q* Quit; participant has subsequently relinquished this role in the project.
- R* Role is assumed based on participant's other involvement in the project.

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 We do not warrant that it is complete, or that listed organisations will be suitable counter-parties for other projects.
 The database comprises mainly projects of 4MW ac+. Totalised figures are the nominal AC capacity (or an estimate thereof).
 Capacity, energy and equivalents are the design (nameplate) values, and are not from actual performance readings.

rProjOmni 364 Please refer to the further details available online at: <http://www.wiki-solar.org/services/user-notes.html>