Supporting Information

Table S1 Comparing solar lifetime land transformation (all converted to the unit of m^2/GWh) and land-use efficiency (converted to the unit of W/m^2) between existing literature and the findings of this study.

Land-use for utility-scale PV	**Lifetime land transformation (generation-based)**				**Land-use efficiency (capacity-based)**			**Country / region**	**Whether the capacity is estimated from generations**
	Acres/ TWh	**ha/ TWh**	**km^2/ TWh**	**m^2/ GWh**	**Acres/ MW**	**km^2/ GW**	**W/ m^2**		
Heath, Ravikumar [1]						30	33	US	No
Cagle, Shepherd [2]			0.6	607				World	No
Lovering, Swain [3]		70		700				World	No
Trainor, McDonald [4]						34	29	US	Yes
Arent, Pless [5]						20	50	US	No
Fthenakis and Kim [6]			0.3	310				US	No

Mai, Wiser [7]					4.9	20	51	US	No
Ong, Campbell [8]	137			553	8.3	33	30	US (summarizing PV plants with a capacity below 20MW)	No
Ong, Campbell [8]	113			460	7.9	32	32	US (summarizing PV plants with a capacity exceeding 20MW)	No
Allen and McHughen [9]						28	35	US	No
Copeland, Pocewicz [10]						316	3.2	US	No
Pimentel, Herz [11]						246	4.1	US	No

Bravo, Casals [12]						645	1.6	EU	No
Denholm and Margolis [13]						15	65	US (summarizing 25-degree tilt, south facing ground-mounted PV systems)	No
Denholm and Margolis [13]						21	48	US (summarizing 1-axis tracking, 0-degree tilt ground-mounted PV systems)	No
Denholm and Margolis [13]						50	20	US (summarizing 2-axis tracking PV systems)	No

Hernandez, Hoffacker [14]						29	36	US	No
Average results of the literature				526		113	31	—	
The findings of this study				409			57	World	

Table S2 Public sources to cross-check and verify the generations and capacities for PV plants.

Country	Name of the PV plant	URL	Capacity (MW)	Revised capacity (MW)	Revised generation (GWh)
Algeria	Hauts Plateaux Est	https://www.wiki-solar.org	74		
Algeria	Ain el Ibel II	https://www.wiki-solar.org	53		
Algeria	Adrar	https://www.wiki-solar.org	20		
Algeria	El Kheneg	https://www.wiki-solar.org	60		
Algeria	Naama	https://www.wiki-solar.org	20		
Australia	Darwin DRW	https://www.wiki-solar.org	4		
Australia	Barcaldine YD	https://www.wiki-solar.org	11		
Australia	White Rock	https://www.wiki-solar.org	20		

Australia	Valdora	https://www.wiki-solar.org	15	
Australia	Whyalla SSE	https://www.wiki-solar.org	6	
Australia	Lakeland QLD	https://www.wiki-solar.org	11	
Bulgaria	Vratsa N	https://www.wiki-solar.org	5	
Bulgaria	Cherganovo	https://www.wiki-solar.org	29	
Bulgaria	Hanovo	https://www.wiki-solar.org	5	
Bulgaria	Bezmer	https://www.wiki-solar.org	10	
Bulgaria	Zdravets	https://www.wiki-solar.org	16	
Cambodia	Bavet	https://www.wiki-solar.org	10	
Canada	Sol-Luce Kingston	http://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsAllGE100MW_NorthAmerica_201708.xlsx	100	140

Canada	Sune Rutley	ftp://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsRenewGE1MW_NorthAmerica_201708.xlsx	10	12
Canada	Windsor Airport SF	ftp://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsRenewGE1MW_NorthAmerica_201708.xlsx	50	
Canada	Sarnia 2	ftp://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsRenewGE1MW_NorthAmerica_201708.xlsx	60	80
Canada	David Brown Solar Park	ftp://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsRenewGE1MW_NorthAmerica_201708.xlsx	10	10
Canada	Illumination	ftp://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsRenewGE1MW_NorthAmerica_201708.xlsx	10	
Canada	Brockville 2	ftp://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsRenewGE1MW_NorthAmerica_201708.xlsx	9	

Canada	Ingersoll 1	ftp://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsRenewGE1MW_NorthAmerica_201708.xlsx	10
Canada	Elmsley East / West	ftp://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsRenewGE1MW_NorthAmerica_201708.xlsx	24
Canada	Smiths Falls 6	ftp://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsRenewGE1MW_NorthAmerica_201708.xlsx	10
Canada	Midhurst 2	ftp://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsRenewGE1MW_NorthAmerica_201708.xlsx	4
Canada	Stone Mills	ftp://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsRenewGE1MW_NorthAmerica_201708.xlsx	11
Canada	Amherstburg-2	ftp://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsRenewGE1MW_NorthAmerica_201708.xlsx	15
Canada	Enbridge Tilbury	ftp://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsRenewGE1MW_NorthAmerica_201708.xlsx	5

Canada	HPG Site A	ftp://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsRenewGE1MW_NorthAmerica_201708.xlsx	2
Canada	Stardale	ftp://ftp.maps.canada.ca/pub/nacei_cnaie/energy_infrastructure/PowerPlantsRenewGE1MW_NorthAmerica_201708.xlsx	33
Cape Verde	Praia	https://www.wiki-solar.org	5
Chile	Do*a Carmen	https://www.wiki-solar.org	40
Chile	Carrera Pinto ENEL	https://www.wiki-solar.org	135
Chile	Los Loros	https://www.wiki-solar.org	50
Chile	Boléro	https://www.wiki-solar.org	147
Chile	La Tirana	https://www.wiki-solar.org	30

Chile	Cardones I	https://www.wiki-solar.org	29
Chile	LLANO DE LLAMPOS	http://energiaabierta.cl/electricidad/	101
Chile	Copiapó Odinsa	https://www.wiki-solar.org	14
Chile	SDGX01	http://energiaabierta.cl/electricidad/	1
Chile	Calama Sur	https://www.wiki-solar.org	30
Chile	Luz del Norte	https://www.wiki-solar.org	141
Chile	Diego de Almagro Emelda	https://www.wiki-solar.org	21
Chile	Crucero	https://www.wiki-solar.org	73
Chile	SOLAR SAN ANDRES	http://energiaabierta.cl/electricidad/	51

China	Tangyin A	https://www.wiki-solar.org	35	152
China	Ruzhou A	https://www.wiki-solar.org	35	
China	Hongshagang	https://www.wiki-solar.org	820	99
China	Lujiang A	https://www.wiki-solar.org	15	
China	Dalikoucun A	https://www.wiki-solar.org	35	
China	Lishui	https://www.wiki-solar.org	40	70
China	Datong TopRunner	https://www.wiki-solar.org	1000	
China	Tianjin Binhai	https://www.wiki-solar.org	170	300
China	Alashan 1p2	https://www.wiki-solar.org	400	
China	Shanyingzhen A	https://www.wiki-solar.org	30	

China	Toksun	https://www.wiki-solar.org	971	60
China	Da Qaidam	https://www.wiki-solar.org	247	
China	Jinchang E	https://www.wiki-solar.org	36	
China	Funan	https://www.wiki-solar.org	100	
China	Arikunduleng Wind-Solar	https://www.wiki-solar.org	20	
China	Yongren Ganbala	https://cdm.unfccc.int/filestorage/A/F/E/AFEHXUNYV5LB31SPOQMR7ZIDGW86K9/01_2016_4015_PDD_CV.pdf*t=czZ8b2o4NDVxfDAP-L6TYCFWqMd94VwTxxCz	50	
China	Xuanhua A	https://www.wiki-solar.org	25	660
China	Ili Kazakh I	https://www.wiki-solar.org	1000	
China	Yongren Xiutian	https://www.wiki-solar.org	41	

China	Shenxian A	https://www.wiki-solar.org	20	
China	Changxing C	https://www.wiki-solar.org	40	
China	Hongshagang I	https://www.wiki-solar.org	300	99
China	Wangjiasha C	https://www.wiki-solar.org	4	
China	Hongsibu A	https://www.wiki-solar.org	100	100
China	Chemencun A	https://www.wiki-solar.org	20	
China	Yingfangcun A	https://www.wiki-solar.org	15	
China	Yuzhou B	https://www.wiki-solar.org	75	
China	Nangang CT	https://www.wiki-solar.org	6	
China	Shigatse	https://www.wiki-solar.org	30	

China	Xinyi	https://www.wiki-solar.org	24
China	Shanzhuang A	https://www.wiki-solar.org	50
China	Jianhu III	https://www.wiki-solar.org	5
China	Yixian A	https://www.wiki-solar.org	20
China	Changshu	https://www.wiki-solar.org	10
China	Longyou A	https://www.wiki-solar.org	15
China	Jingjiawan A	https://www.wiki-solar.org	50
China	Gangoucun B	https://www.wiki-solar.org	25
China	GoSP} CSP	https://www.wiki-solar.org	200
China	Guoxidi A	https://www.wiki-solar.org	15

China	Lianyun A	https://www.wiki-solar.org	20
China	Beidacun	https://www.wiki-solar.org	60
China	Yuzhou C	https://www.wiki-solar.org	15
China	Shentou I	https://www.wiki-solar.org	50
China	Luhe A	https://www.wiki-solar.org	10
China	Luoning B	https://www.wiki-solar.org	35
China	Hongshagang III	https://www.wiki-solar.org	250
China	Shanyin B	https://www.wiki-solar.org	50
China	Datong GCL	https://www.wiki-solar.org	310
China	Yuxian A	https://www.wiki-solar.org	55

China	Qiongxi	https://www.wiki-solar.org	20
China	Togtoh A	https://www.wiki-solar.org	75
China	Hohhot GCL	https://www.wiki-solar.org	31
China	Shangyi A	https://www.wiki-solar.org	30
China	Macun A	https://www.wiki-solar.org	40
China	Lankou A	https://www.wiki-solar.org	175
China	Tiangang Floating	https://www.wiki-solar.org	275
China	Daixian A	https://www.wiki-solar.org	30
China	Guoliangcun A	https://www.wiki-solar.org	50
China	Tianzhen B	https://www.wiki-solar.org	20

China	Eqiao	https://www.wiki-solar.org	100
China	Hebianbao B	https://www.wiki-solar.org	15
China	Luoning A	https://www.wiki-solar.org	15
China	Kaiyuan A	https://www.wiki-solar.org	15
China	Sixian A	https://www.wiki-solar.org	5
China	Jiaoganghu	https://www.wiki-solar.org	82
China	Longyangxia Solar-Hydro II	https://www.wiki-solar.org	530
China	Dengzhou A	https://www.wiki-solar.org	20
China	Shanyin C	https://www.wiki-solar.org	30
China	Suiping A	https://www.wiki-solar.org	20

China	Taiqian A	https://www.wiki-solar.org	70
China	Datong UPV	https://www.wiki-solar.org	100
China	Kenli B	https://www.wiki-solar.org	35
China	Guixi CPI	https://www.wiki-solar.org	25
China	Xuzhou Xiexin	https://cdm.unfccc.int/Projects/DB/JCI1324969628.96/view	20
China	Sangri D	https://www.wiki-solar.org	20
China	Chaohu A	https://www.wiki-solar.org	20
China	Tieshan	https://www.wiki-solar.org	30
China	Zhangjia Zhuyuan A	https://www.wiki-solar.org	15
China	Kenli A	https://www.wiki-solar.org	100

China	Changfeng Floating C	https://www.wiki-solar.org	60
China	Feidong D	https://www.wiki-solar.org	35
China	Pandazhuangcun A	https://www.wiki-solar.org	10
China	Datong Yingli	https://www.wiki-solar.org	50
China	Shanshan Floating	https://www.wiki-solar.org	10
China	Hebi Qi II	https://www.wiki-solar.org	70
China	Qian Gorlos B	https://www.wiki-solar.org	35
China	Xuanhua C	https://www.wiki-solar.org	10
China	Zhongguanyi	https://www.wiki-solar.org	110
China	Tianzhen A	https://www.wiki-solar.org	20

China	Nanle A	https://www.wiki-solar.org	20
China	Taizhou I	https://www.wiki-solar.org	10
China	Guazhou	https://www.wiki-solar.org	100
China	TBEA YN	https://www.wiki-solar.org	30
China	CTGNE Pishan Phase I	http://cdm.unfccc.int/UserManagement/FileStorage/5FCEMI3BQV702HSRPGAYWT4O9LDKXU	20
China	Neiqiu	https://www.wiki-solar.org	100
China	Yangyuan B	https://www.wiki-solar.org	35
China	Dingbian C	https://www.wiki-solar.org	50
China	Qingkenbu	https://www.wiki-solar.org	60
China	Weixian	https://www.wiki-solar.org	30

China	Yanchi	https://www.wiki-solar.org	1000
China	Zhangjiakou GCL	https://www.wiki-solar.org	65
China	Hongliuwan A	https://www.wiki-solar.org	20
China	Dongmoucun A	https://www.wiki-solar.org	20
China	Hongshicun A	https://www.wiki-solar.org	5
China	Subogaixiang A	https://www.wiki-solar.org	35
China	Guanshan A	https://www.wiki-solar.org	25
China	Gaotai D	https://www.wiki-solar.org	75
China	Zhuanjingzhen E	https://www.wiki-solar.org	30
China	Guyuan	https://www.wiki-solar.org	50

China	Suzhou T	https://www.wiki-solar.org	8
China	Julu A	https://www.wiki-solar.org	20
China	Dongying	http://cdm.unfccc.int/Projects/Validation/DB/1XGFBVGX4JSZP2YFKGV4BM5EHD5P8F/view.html	7
China	Gonghuizhen A	https://www.wiki-solar.org	50
China	Horqin 60	https://www.wiki-solar.org	60
China	TBEA SN	https://www.wiki-solar.org	50
China	Jinchuan A	https://www.wiki-solar.org	50
China	Wensu A	https://www.wiki-solar.org	20
China	Jiantangjang Reservoir	https://www.wiki-solar.org	180

China	Yanwochi A	https://www.wiki-solar.org	20
China	Huaneng Gansu Jinchang	http://cdm.unfccc.int/filestorage/b/g/EBLCUDAY258FZP7OIMT0S69XW14QNJ.pdf/PDD_Jinchang_PV.pdf*t=eXp8b2o5dHI3fDCbWJImcJACZRRGwLaltWOB	20
China	Jinchang Jinko	https://www.wiki-solar.org	164
China	Xingtai Huangsi	https://www.wiki-solar.org	50
China	Huinong L	https://www.wiki-solar.org	10
China	Menghai	https://www.wiki-solar.org	50
China	Yangbajing	https://www.wiki-solar.org	30
China	Fangcheng A	https://www.wiki-solar.org	20
China	Taiyangshan B	https://www.wiki-solar.org	10

China	Hongsibao	https://www.wiki-solar.org	20
China	Fengle B	https://www.wiki-solar.org	100
China	Tiangang B	https://www.wiki-solar.org	30
China	Changfeng Floating B	https://www.wiki-solar.org	28
China	SPIP} Hami Jianye	https://www.wiki-solar.org	20
China	JinZhai	https://www.wiki-solar.org	150
China	Xinrong B	https://www.wiki-solar.org	60
China	Kunming Shilin	https://cdm.unfccc.int/Projects/DB/BVQI1288260653.12/view	100
China	Shanshan Phase I	https://cdm.unfccc.int/filestorage/7/v/G0YWER2KP7DFT4S6BUJCI3VXH98MLZ.pdf/PDD_Shanshan.pdf*t=YVR8b2o5ejZpfDDta9BwGLba2NH9tCKgtbn7	20

China	Gonghe Sky	https://www.wiki-solar.org	50
China	Xinfu	https://www.wiki-solar.org	50
China	Lanshan Reservoir	https://www.wiki-solar.org	150
China	Qiaocheng A	https://www.wiki-solar.org	20
China	Shouxian B	https://www.wiki-solar.org	20
China	Toksun II	https://www.wiki-solar.org	70
China	Jiayuguan G	https://www.wiki-solar.org	50
China	Jiyuan B	https://www.wiki-solar.org	5
China	Kargilik C	https://www.wiki-solar.org	35
Czech Republic	Holy*ov Solar Power Plant	http://www.antaris-solar.com	4

Czech Republic	Sedlec Solar Power Plant	http://www.elektrarny.pro/detail.php*id=1952	2
Czech Republic	Starojická Lhota Solar Power Plant	http://www.renpower.eu	1
Czech Republic	Kamenice nad Lipou Solar Power Plant	http://www.elektrarny.pro/detail.php*id=11250	1
Czech Republic	Doma*elice Solar Power Plant	http://www.elektrarny.pro/detail.php*id=11627	1
Czech Republic	Letkov Solar Power Plant	http://www.nobility.cz	10
Czech Republic	B*est	https://www.wiki-solar.org	5
Czech Republic	Dynín Solar Power Plant	http://www.elektrarny.pro/detail.php*id=1336	2

Czech Republic	Kunovice Solar Power Plant	http://www.elektrarny.pro/detail.php*id=6970	2
Czech Republic	Frydek-Místek - ClearEnergy Solar Power Plant	http://www.elektrarny.pro/detail.php*id=880	1
Czech Republic	Smrice Solar Power Plant	http://www.elektrarny.pro/detail.php*id=10394	1
Czech Republic	Pacov Solar Power Plant	http://www.elektrarny.pro/detail.php*id=1112	2
Czech Republic	Dív*ice Solar Power Plant	http://www.energy21.cz	3
Czech Republic	Hory Solar Power Plant	http://www.elektrarny.pro/detail.php*id=1910	4
Czech Republic	Ostrov u Stíbra Solar Power Plant	http://www.elektrarny.pro/detail.php*id=11096	3

Czech Republic	Tachov 3 Solar Power Plant	http://www.elektrarny.pro/detail.php*id=10965	4
Czech Republic	Tekanice 2 Solar Power Plant	http://www.elektrarny.pro/detail.php*id=10387	2
Czech Republic	Polom Solar Power Plant	http://www.elektrarny.pro/detail.php*id=1950	2
Czech Republic	Kutná Hora Solar Power Plant	http://www.elektrarny.pro/detail.php*id=1246	6
Czech Republic	Vimperk Solar Power Plant	http://www.renpower.eu	3
Czech Republic	Tachov 1 Solar Power Plant	http://www.elektrarny.pro/detail.php*id=11690	2
Czech Republic	Kaplice Solar Power Plant	http://www.elektrarny.pro/detail.php*id=1924	2

Czech Republic	Dobev Solar Power Plant	http://www.elektrarny.pro/detail.php*id=7027	3
Czech Republic	Ochoz Solar Power Plant	http://www.fvk.cz	4
Czech Republic	Pozorka u Kladrub Solar Power Plant	http://www.elektrarny.pro/detail.php*id=7963	4
Czech Republic	Lukavice Solar Power Plant	http://www.juwi.com	2
Czech Republic	Slavi*ín A Solar Power Plant	http://www.elektrarny.pro/detail.php*id=4826	2
Czech Republic	Omice Solar Power Plant	http://www.elektrarny.pro/detail.php*id=2264	1
Czech Republic	Dubí - SPR Solar Power Plant	http://www.elektrarny.pro/detail.php*id=11324	5

Czech Republic	Most Solar Power Plant	http://www.epenergy.cz	2
Czech Republic	*ehovice Solar Power Plant	http://www.elektrarny.pro/detail.php*id=798	2
Czech Republic	Vrbice	https://www.wiki-solar.org	5
Czech Republic	Dolní Dvo*i*tě Solar Power Plant	http://www.photonenergyoperations.cz	2
Czech Republic	Mastí*ovice 1 North Solar Power Plant	http://www.elektrarny.pro/detail.php*id=607	5
Czech Republic	Klenovka Solar Power Plant	http://www.elektrarny.pro/detail.php*id=1927	8
Czech Republic	Uhlí*ské Janovice Solar Power Plant	http://www.elektrarny.pro/detail.php*id=12129	3

Czech Republic	Hrabětice Solar Power Plant	http://www.elektrarny.pro/detail.php*id=1913	2
Czech Republic	Jaro*ov nad Ne*árkou - Solar Jaro*ov Solar Power Plant	http://www.elektrarny.pro/detail.php*id=11195	2
Czech Republic	Sakvice	https://www.wiki-solar.org	5
Czech Republic	*at*any Solar Power Plant	http://www.elektrarny.pro/detail.php*id=1468	1
Czech Republic	Zlonín Solar Power Plant	http://www.elektrarny.pro/detail.php*id=11265	2
Czech Republic	Kralovice Solar Power Plant	http://www.elektrarny.pro/detail.php*id=2040	2

Czech Republic	Trebovice Solar Power Plant	http://www.plain-energy.com	1
Czech Republic	Pr*no Solar Power Plant	http://www.elektrarny.pro/detail.php*id=8007	3
Czech Republic	Petrovice Solar Power Plant	http://www.elektrarny.pro/detail.php*id=1948	3
Czech Republic	Vickovice Solar Power Plant	http://www.elektrarny.pro/detail.php*id=1190	1
Czech Republic	Kalabousek Solar Power Plant	http://www.elektrarny.pro/detail.php*id=9484	4
Czech Republic	Frydek-Místek - Beskydská Solar Power Plant	http://www.elektrarny.pro/detail.php*id=619	2
Czech Republic	Arnoltice Solar Power Plant	http://www.elektrarny.pro/detail.php*id=11240	2

Czech Republic	Komorovice Solar Power Plant	http://www.photonenergyoperations.cz	2
Czech Republic	*ekanice 1 Solar Power Plant	http://www.cez.cz	5
Denmark	Hj*rring	https://www.wiki-solar.org	10
Denmark	Nees 1-4	https://www.wiki-solar.org	51
Denmark	Lerchenborg	https://wirsol.com/en/wirsol-opens-largest-solar-park-in-scandinavia/	61
Denmark	Sonderjylland	http://www.danfoss.com/newsstories/cf/danfoss-installs-huge-solar-cell-park-close-to-headquarters/*ref=17179879839#/	2
Denmark	Langelinje	https://www.wiki-solar.org	10
Dominican Republic	Monte Plata	https://cdm.unfccc.int/Projects/DB/RINA1354546725.32/view	30

El Salvador	Spica	https://www.wiki-solar.org	25	
France	Sainte-Rose	http://data.open-power-system-data.org/renewable_power_plants/2016-10-21/	16	15
France	Lucet	https://www.wiki-solar.org	12	
France	Gréoux-les-Bains	https://www.wiki-solar.org	82	
France	Le Port	http://data.open-power-system-data.org/renewable_power_plants/2016-10-21/	20	
France	Saint-Louis	http://data.open-power-system-data.org/renewable_power_plants/2016-10-21/	11	10
France	La Possession	http://data.open-power-system-data.org/renewable_power_plants/2016-10-21/	3	
France	Fonroche	https://www.wiki-solar.org	4	

France	Istres	http://data.open-power-system-data.org/renewable_power_plants/2016-10-21/	35	
France	Rion-des-Landes	http://data.open-power-system-data.org/renewable_power_plants/2016-10-21/	32	10
France	Rivesaltes	https://www.wiki-solar.org	14	
France	Le Bosc	https://www.wiki-solar.org	9	
France	Le Tampon	http://data.open-power-system-data.org/renewable_power_plants/2016-10-21/	6	
France	Allones 1	https://www.wiki-solar.org	5	
France	Saint-Etienne-du-Grès	https://www.wiki-solar.org	4	
France	Lavansol M17	https://www.wiki-solar.org	6	

France	Les Cedres	https://www.wiki-solar.org	9
France	Salaunes*	https://www.wiki-solar.org	73
France	Perchigat	https://www.wiki-solar.org	12
France	Lavabreille	https://www.wiki-solar.org	8
France	Saint-Sauveur	https://www.wiki-solar.org	11
France	Les Brandes	https://www.wiki-solar.org	8
France	Les Mées	http://data.open-power-system-data.org/renewable_power_plants/2016-10-21/	95
France	Cestas	http://data.open-power-system-data.org/renewable_power_plants/2016-10-21/	301
France	Gremirande	https://www.wiki-solar.org	9

France	Ygos 1	https://www.wiki-solar.org	12
France	Roc du Doun	https://www.wiki-solar.org	12
France	En Fayole	https://www.wiki-solar.org	7
France	Saint-Beno*t	http://data.open-power-system-data.org/renewable_power_plants/2016-10-21/	17
France	Saint-Jean de Libron A	https://www.wiki-solar.org	6
France	Fontsalive	https://www.wiki-solar.org	5
France	Brach	https://www.wiki-solar.org	12
France	Orgueil	https://www.wiki-solar.org	9
France	Murles	https://www.wiki-solar.org	12

France	St-Georges	https://www.wiki-solar.org	4
France	Hourtin	https://www.wiki-solar.org	11
France	Tréviols	https://www.wiki-solar.org	5
France	Saint-Cyprien	https://www.wiki-solar.org	4
France	Tuileries	https://www.wiki-solar.org	8
France	Lugos	https://www.wiki-solar.org	12
France	Le Gartiou	https://www.wiki-solar.org	9
France	Saint-Martial	https://www.wiki-solar.org	8
France	La Mède	https://www.wiki-solar.org	8
France	Plateau De L'Arnet	https://www.wiki-solar.org	12

France	Besse-sur-Issole	https://www.wiki-solar.org	14
France	Fontienne	https://www.wiki-solar.org	10
France	Bessens	https://www.wiki-solar.org	6
France	Ginestas	https://www.wiki-solar.org	7
France	Mazaugues	https://www.wiki-solar.org	5
France	La Redoune	https://www.wiki-solar.org	12
France	Puits De La Brasque	https://www.wiki-solar.org	7
France	Le Mouruen	https://www.wiki-solar.org	7
France	Ardeche ULM	https://www.wiki-solar.org	12
France	Moussoulens	https://www.wiki-solar.org	7

France	Chevalet	https://www.wiki-solar.org	6	
France	Cambrai LFYG 1	https://www.wiki-solar.org	10	
France	Chalmoux	https://www.wiki-solar.org	10	
France	Talmont-St-Hilaire	https://www.wiki-solar.org	5	
France	Verneuil 4	https://www.wiki-solar.org	12	
France	Caudos 3	https://www.wiki-solar.org	12	
Germany	Nadrensee	https://www.wiki-solar.org	13	33
Germany	Dissenchen A	https://www.wiki-solar.org	8	
Germany	Lerchenhaid II	https://www.wiki-solar.org	12	
Germany	Buckendorf 1	https://www.wiki-solar.org	10	

Germany	Neustadt (Dosse) A	https://www.wiki-solar.org	6
Germany	Markt-Bibart 2	https://www.wiki-solar.org	5
Germany	Schleiz Solar Power Plant	http://www.sybac-solar.de	11
Germany	Gefrees	https://www.wiki-solar.org	6
Germany	Sennewitz A	https://www.wiki-solar.org	6
Germany	Meuro Solar Power Plant	http://www.gp-joule.eu	166
Germany	Ergoldsbach Solar Power Plant	http://www.sol-asset.com	5
Germany	Oberehring Solar Power Plant	http://www.envalue.de	4

Germany	Mohrkirch D1	https://www.wiki-solar.org	9	
Germany	Solarpark Burg	https://www.bundesnetzagentur.de/DE/Sachgebiete/ElektrizitaetundGas/Unternehmen_Institutionen/Versorgungssicherheit/Erzeugungskapazitaeten/Kraftwerksliste/kraftwerksliste-node.html	20	
Germany	Heubach Solar Power Plant	http://www.gehrlicher.com	5	
Germany	Hüttberg	https://www.wiki-solar.org	8	
Germany	Waldbrunn BY	https://www.wiki-solar.org	5	
Germany	Gelbelsee Solar Power Plant	http://www.solea-ag.com	2	
Germany	Bochow	https://www.wiki-solar.org	29	29
Germany	Rosswein	https://www.wiki-solar.org	5	

Germany	Cronheim A	https://www.wiki-solar.org	4
Germany	Ma*bach 1+2	https://www.wiki-solar.org	20
Germany	Stadelhofen 1	https://www.wiki-solar.org	6
Germany	Tutow Solarpark 1 FF	https://grid.stromhaltig.de/management/kraftwerk/unternehmen/Solarpark+Tutow+I+GmbH//	7
Germany	Senftenberg II/III	https://www.wiki-solar.org	82
Germany	Bürstadt	https://www.wiki-solar.org	5
Germany	Zerre	https://www.wiki-solar.org	8
Germany	Rastow B1	https://www.wiki-solar.org	6
Germany	Burg Stargard	https://www.wiki-solar.org	5
Germany	Sch*nbek E1	https://www.wiki-solar.org	8

Germany	PVA Dallgow-D*beritz	https://www.bundesnetzagentur.de/DE/Sachgebiete/ElektrizitaetundGas/Unternehmen_Institutionen/Versorgungssicherheit/Erzeugungskapazitaeten/Kraftwerksliste/kraftwerksliste-node.html	21	25
Germany	Buchhausen A	https://www.wiki-solar.org	6	
Germany	T*pchin Enerparc	https://www.wiki-solar.org	4	
Germany	Nauen B1 Enerparc	https://www.wiki-solar.org	5	
Germany	Heddesheim	https://www.wiki-solar.org	8	
Germany	Ebern - TUP Solar Power Plant	http://www.cee-holding.de	7	
Germany	Malching	https://www.wiki-solar.org	5	
Germany	Kampehl A	https://www.wiki-solar.org	7	
Germany	Bubenreuth D1	https://www.wiki-solar.org	7	

Germany	Reichenberg B1	https://www.wiki-solar.org	8
Germany	Coswig	https://www.wiki-solar.org	4
Germany	Marktheidenfeld	https://www.wiki-solar.org	7
Germany	T*nnesberg	https://www.wiki-solar.org	5
Germany	Golpa	https://www.wiki-solar.org	6
Germany	Lefchfeld Nord Solar Park	http://www.juwi.com	25
Germany	Stulln	https://www.wiki-solar.org	5
Germany	Solarpark Stedten	https://www.bundesnetzagentur.de/DE/Sachgebiete/ElektrizitaetundGas/Unternehmen_Institutionen/Versorgungssicherheit/Erzeugungskapazitaeten/Kraftwerksliste/kraftwerksliste-node.html	28
Germany	Stradow L1	https://www.wiki-solar.org	7

Germany	Schandelah	https://www.wiki-solar.org	9
Germany	Witzleshofen	https://www.wiki-solar.org	6
Germany	Schelklingen Solar Power Plant	http://www.gp-joule.eu	5
Germany	J*nnersdorf	https://www.wiki-solar.org	40
Germany	Kaserne Neuhardenberg	https://www.wiki-solar.org	9
Germany	Friedland G1	https://www.wiki-solar.org	10
Germany	Liepolding B*gen Solar Power Plant	http://www.carpevigo.de	3
Germany	Wetschhauser Hof Solar Power Plant	https://www.enovos.de	4

Germany	Saalhaupt Solar Power Plant	http://www.envalue.de	3
Germany	Leimershof	https://www.wiki-solar.org	14
Germany	Alte Kaserne	https://www.wiki-solar.org	10
Germany	Pasewalk Solar Power Plant	http://www.enerparc.de	5
Germany	Güstrow Wirsol	https://www.wiki-solar.org	32
Germany	Nohfelden	https://www.wiki-solar.org	5
Germany	Zerbst	https://www.wiki-solar.org	38
Germany	Fattendorf Solar Power Plant	http://www.envalue.de	2

Germany	Walbeck Solar Power Plant	http://www.ranft-een.de/referenzen-erfahrung/freiflachenanlagen-deutschland	3
Germany	Lutstrut Solar Power Plant	http://puravis.de/2015/12/14/solarpark-lutstrut	5
Germany	B*ttel Solar Power Plant	http://www.moehring-energie.de	32
Germany	Zeithain J1	https://www.wiki-solar.org	9
Germany	Werdau Solar Power Plant	http://www.enerparc.de	2
Germany	Oschatz Solar Power Plant	http://www.enerparc.de	4
Germany	Puchheim Solar Power Plant	http://www.gehrlicher.com	1
Germany	Lübs A1	https://www.wiki-solar.org	6

Germany	Marklkofen A	https://www.wiki-solar.org	5
Germany	Gottmannsdorf	https://www.wiki-solar.org	8
Germany	Solarpark Calau	https://www.bundesnetzagentur.de/DE/Sachgebiete/ElektrizitaetundGas/Unternehmen_Institutionen/Versorgungssicherheit/Erzeugungskapazitaeten/Kraftwerksliste/kraftwerksliste-node.html	10
Germany	Rackwitz Solar Power Plant	http://www.enerparc.de	4
Germany	Rapshagen Solar Power Plant	http://www.gp-joule.eu	9
Germany	Rohrbuckel Solar Power Plant	https://wirsol.com	1
Germany	Oschatz II	https://www.wiki-solar.org	5
Germany	Gro**rner	https://www.wiki-solar.org	7

Germany	Nordband Solar Power Plant	https://www.enovos.de	5
Germany	Gro* Roge C1	https://www.wiki-solar.org	9
Germany	Nemsdorf Solar Power Plant	http://www.enerparc.de	5
Germany	Schwarzach am Main	https://www.wiki-solar.org	6
Germany	Vo*berg	https://www.wiki-solar.org	8
Germany	Oberlauda Solar Power Plant	http://www.juwi.com	2
Germany	H*rselberg-Hainich	https://www.wiki-solar.org	5
Germany	Kaisersesch Solar Power Plant	http://www.sybac-solar.de	9

Germany	Neubrandenburg Solar Power Plant	http://www.enerparc.de	3
Germany	Solarpark Amsdorf	https://www.bundesnetzagentur.de/DE/Sachgebiete/ElektrizitaetundGas/Unternehmen_Institutionen/Versorgungssicherheit/Erzeugungskapazitaeten/Kraftwerksliste/kraftwerksliste-node.html	28
Germany	Ketzin	https://www.wiki-solar.org	5
Germany	Freisen	https://www.wiki-solar.org	5
Germany	Fr*nkenau	https://www.wiki-solar.org	6
Germany	N*rten-Hardenberg B1	https://www.wiki-solar.org	10
Germany	Untersteinach Solar Power Plant	http://www.enerparc.de	10
Germany	Grabow	https://www.wiki-solar.org	8

Germany	Rositz A1	https://www.wiki-solar.org	10
Germany	Eckendorf Solar Power Plant	http://www.juwi.com	2
Germany	Sinzheim Solar Power Plant	http://www.juwi.com	1
Germany	Die*en am Ammersee A	https://www.wiki-solar.org	4
Germany	Cronheim Solar Power Plant	http://mp-tec.de	2
Germany	Hassel D1	https://www.wiki-solar.org	5
Germany	Gattendorf	https://www.wiki-solar.org	10
Germany	Wittstock E1	https://www.wiki-solar.org	10

Germany	Westheim Solar Power Plant	http://pfalzsolar.de	3
Germany	Zscherndorf	https://www.wiki-solar.org	9
Germany	Humlangen Solar Power Plant	http://www.solar-konzept.de	3
Germany	Malli* C1	https://www.wiki-solar.org	5
Germany	Dietlas Werke	https://www.wiki-solar.org	5
Germany	Angerm*nde Solar Power Plant	http://www.enerparc.de	2
Germany	M*sthinsdorf Solar Power Plant	http://www.enerparc.de	5
Germany	Langenhahn Solar Power Plant	http://www.sybac-solar.de	5

Germany	Barth Solar Power Plant	http://www.solarparc.de	10
Germany	Breitenfeld I	https://www.wiki-solar.org	6
Germany	Loitz	https://www.wiki-solar.org	6
Germany	Gr*neberg Solar Power Plant	http://www.suz-energiesysteme.de	8
Germany	Schierling Solar Power Plant	http://www.envalue.de	2
Germany	Bernburg A	https://www.wiki-solar.org	6
Germany	Panitzsch Solar Power Plant	http://www.enerparc.de	8
Germany	Nivelstein	https://www.wiki-solar.org	10

Germany	Barth - Industrial	https://www.wiki-solar.org	10
Germany	Wei*enfels	https://www.wiki-solar.org	8
Germany	Neuruppin Solar Power Plant	http://www.enerparc.de	8
Germany	Werneuchen - S&Z Solar Power Plant	http://www.suz-energiesysteme.de	2
Germany	Burg	https://www.wiki-solar.org	7
Germany	Calv*rde	https://www.wiki-solar.org	5
Germany	Alitzheim Solar Power Plant	http://www.belectric.com	9
Germany	Klein Rheide A	https://www.wiki-solar.org	6
Germany	Ferchland A	https://www.wiki-solar.org	5

Germany	Oranienburg Solar Power Plant	http://www.enerparc.de	4
Germany	Schipkau Solar Power Plant	http://www.enerparc.de	2
Germany	Ha*loch Solar Power Plant	http://pfalzsolar.de	3
Germany	Vahldorf	https://www.wiki-solar.org	6
Germany	Salching Solar Power Plant	http://www.solarparc.de	1
Germany	Litten Solar Power Plant	http://www.enerparc.de	38
Germany	D*bern Solar Power Plant	http://www.sybac-solar.de	6
Germany	Divitz	https://www.wiki-solar.org	8

Germany	Solarpark Wittstock	http://www.belectric.com	68
Germany	Woldegk Solar Power Plant	http://pfalzsolar.de	9
Germany	Schweizer Berg Solar Power Plant	https://www.enovos.de	4
Germany	Waldpolenz	https://www.wiki-solar.org	43
Germany	Bitterfeld-Wolfen - Hinter dem Bahnhof Solar Power Plant	http://www.gruene-energien-solar.com	6
Germany	Polch Solar Power Plant	http://www.sybac-solar.de	13
Germany	Karwitz Solar Power Plant	http://www.vogt-solar.com	10

Germany	Edersleben A	https://www.wiki-solar.org	10
Germany	Chemnitz	https://www.wiki-solar.org	4
Germany	Westerwiehe 2 Solar Power Plant	http://www.abakus-solar.de	1
Germany	P*lzig	https://www.wiki-solar.org	6
Germany	Weferlingen	https://www.wiki-solar.org	5
Germany	Oberr*blingen Solar Power Plant	http://www.enerparc.de	8
Germany	Bliesdorf A1	https://www.wiki-solar.org	4
Germany	Neuburxdorf	https://www.wiki-solar.org	6

Germany	Altenburg Flugplatz Solar Power Plant	http://pfalzsolar.de	12
Germany	Oettingen	https://www.wiki-solar.org	6
Germany	Ahorn Solar Power Plant	http://www.mcg-group.com	6
Germany	Schmidtheim Solar Power Plant	http://www.sybac-solar.de	3
Germany	Wusseken	https://www.wiki-solar.org	10
Germany	Hohen Wangelin A	https://www.wiki-solar.org	13
Germany	P*tnitz Solar Power Plant	http://www.solarparc.de	19
Germany	Laisa Solar Power Plant	http://www.solarpark-rodenaes.de	3

Germany	Zeithain E1	https://www.wiki-solar.org	5
Germany	Muldenstein	https://www.wiki-solar.org	11
Germany	Kodersdorf Solar Power Plant	http://www.enerparc.de	4
Germany	Neusch*nau Solar Power Plant	http://www.solea-ag.com	1
Germany	Hohenerxleben Solar Power Plant	http://www.enerparc.de	1
Germany	Solarpark Finsterwalde	https://www.bundesnetzagentur.de/DE/Sachgebiete/ElektrizitaetundGas/Unternehmen_Institutionen/Versorgungssicherheit/Erzeugungskapazitaeten/Kraftwerksliste/kraftwerksliste-node.html	20
Germany	Mockritz	https://www.wiki-solar.org	10
Germany	Kr*chlendorf I	https://www.wiki-solar.org	10

Germany	Heinersdorf Solar Power Plant	http://www.enerparc.de	7
Germany	Britz	https://www.wiki-solar.org	8
Germany	Müssentin	https://www.wiki-solar.org	7
Germany	Neudietendorf	https://www.wiki-solar.org	6
Germany	Solarpark Elmenhorst	http://www.sonnewindwaerme.de/photovoltaik-pressemitteilung/neuer-solarpark-bei-elmenhorst-beschert-schleswig-holstein-platz-der	25
Germany	Waldbrunn Solar Power Plant	http://www.sybac-solar.de	5
Germany	Jocksdorf Solar Power Plant	http://www.moehring-energie.de	104
Germany	Delitzsch - Fabrikstra*e Solar Power Plant	http://www.enerparc.de	3

Germany	Nauroth Solar Power Plant	http://www.sybac-solar.de	9
Germany	K*nigsbronn	https://www.wiki-solar.org	10
Germany	Thüngen	https://www.wiki-solar.org	18
Germany	Anklam Solar Power Plant	http://www.fs-sun.com	8
Germany	Grafenw*hr	https://www.wiki-solar.org	16
Germany	Kl*den Solar Power Plant	http://www.sybac-solar.de	6
Germany	Leinefelde-Worbis	https://www.wiki-solar.org	8
Germany	D*rrr*hrsdorf Solar Power Plant	http://www.enerparc.de	2

Germany	Giebelstadt Solar Power Plant	http://www.solar-konzept.de	28
Germany	Oberrossau	https://www.wiki-solar.org	7
Germany	Glau Solar Power Plant	http://www.enerparc.de	8
Germany	Idenheim Solar Power Plant	http://www.sybac-solar.de	4
Germany	Waldrehna Solar Power Plant	http://www.juwi.com	53
Germany	Barlt Solar Power Plant	http://www.moehring-energie.de	2
Germany	Eggebek Solar Power Plant	http://www.moehring-energie.de	83

Germany	Schwabstadl Solar Power Plant	http://www.enerparc.de	10
Germany	Wismar Solar Power Plant	http://www.enerparc.de	9
Germany	Sergen	https://www.wiki-solar.org	10
Germany	Lob*bach-Lobenfeld Solar Power Plant	https://wirsol.com	6
Germany	Geisenfeld A	https://www.wiki-solar.org	6
Germany	Cottbus Solar Power Plant	http://www.enerparc.de	4
Germany	L*bnitz	https://www.wiki-solar.org	10
Germany	Vestenbergsgreuth	https://www.wiki-solar.org	5

Germany	Delitzsch Solar Power Plant	http://www.enerparc.de	32
Germany	Oberdreis Solar Power Plant	http://www.sybac-solar.de	3
Germany	Thierhaupten Solar Power Plant	http://enipedia.tudelft.nl/wiki/City_Solar_Ag	5
Germany	Serbitz	https://www.wiki-solar.org	5
Germany	Busenwurth Solar Power Plant	http://www.moehring-energie.de	12
Germany	Boxberg	https://www.wiki-solar.org	4
Germany	Boms	https://www.wiki-solar.org	5
Germany	Gro* Stieten Solar Power Plant	http://www.fs-sun.com	7

Germany	Ronneburg N	https://www.wiki-solar.org	10
Germany	Ellscheid Solar Power Plant	http://www.sybac-solar.de	5
Germany	Hillersleben	https://www.wiki-solar.org	10
Germany	Sabrodt	https://www.wiki-solar.org	10
Germany	Brohltal Solar Power Plant	http://www.sybac-solar.de	2
Germany	Finow Solar Power Plant	http://www.enerparc.de	85
Germany	Tutow Solarpark 5	https://www.bundesnetzagentur.de/DE/Sachgebiete/ElektrizitaetundGas/Unternehmen_Institutionen/Versorgungssicherheit/Erzeugungskapazitaeten/Kraftwerksliste/kraftwerksliste-node.html	19
Germany	Torgau Solar Power Plant	http://www.enerparc.de	9

Germany	Gro*rosseln B	https://www.wiki-solar.org	5
Germany	Gnoien Solar Power Plant	http://www.sybac-solar.de	6
Germany	Perleberg Solar Power Plant	http://www.gehrlicher.com	35
Germany	Wiesenena Solar Power Plant	http://www.enerparc.de	5
Germany	D*lzig Solar Power Plant	http://www.enerparc.de	4
Germany	Coburg Solar Power Plant	http://www.ranft-een.de/referenzen-erfahrung/freiflachenanlagen-deutschland	1
Germany	M*nchweiler Solar Power Plant	http://pfalzsolar.de	2

Germany	Lieberose Solar Power Plant	http://www.juwi.com	53
Germany	K*ching Solar Power Plant	http://www.solea-ag.com	6
Germany	Klanxb*ll Solar Power Plant	http://branchenbuch.meinestadt.de/klanxbuell/company/9270653	6
Germany	Unterliezheim Solar Power Plant	http://www.gehrlicher.com	2
Germany	Reurieth Solar Power Plant	http://www.sybac-solar.de	4
Germany	Freimersheim Solar Power Plant	http://www.juwi.com	7
Germany	Taucha Solar Power Plant	http://www.enerparc.de	5

Germany	Vehlefanz	https://www.wiki-solar.org	5
Germany	Rostock Solar Power Plant	http://www.sybac-solar.de	6
Germany	Frauendorf	https://www.wiki-solar.org	10
Germany	Gerstungen Solar Power Plant	http://www.soventix.com	4
Germany	Bolzhausen	https://www.wiki-solar.org	4
Germany	Oppin Solar Power Plant	http://www.enerparc.de	7
Germany	Bergrheinfeld - S&Z Solar Power Plant	http://www.suz-energiesysteme.de	2
Germany	Wulfen Solar Power Plant	http://www.cs-solarservice.com	3

Germany	Zahna Solar Power Plant	http://www.cs-solarservice.com	3
Germany	Unterwengen	https://www.wiki-solar.org	6
Germany	Althen Solar Power Plant	http://www.enerparc.de	7
Germany	Schiersfeld D1	https://www.wiki-solar.org	8
Germany	Bad Endbach Solar Power Plant	http://www.enerparc.de	7
Germany	Nieb*ll- GP Joule Solar Power Plant	http://www.gp-joule.eu	5
Germany	Penzing Solar Power Plant	http://www.gp-joule.eu	4
Germany	Hengersberg Solar Power Plant	http://www.solea-ag.com	2

Germany	Frauental Solar Power Plant	https://www.enovos.de	3
Germany	K*rlitz Solar Power Plant	http://www.solarparc.de	2
Germany	Wisselsing Solar Power Plant	http://www.solea-ag.com	6
Greece	Palaiochora	https://www.wiki-solar.org	9
Greece	Xirokambi	https://www.wiki-solar.org	6
Greece	Kavasila Solar Power Plant	http://environmentalreport2012.enel.com/files/grecia_en.pdf	5
Greece	Skala I	https://www.wiki-solar.org	6
Greece	Kastoria	https://www.wiki-solar.org	6

Greece	Rodopi	https://www.wiki-solar.org	5	
Greece	Stroussi Solar Power Plant	http://environmentalreport2012.enel.com/files/grecia_en.pdf	6	
Greece	Dimossia Solar Power Plant	http://en.biosar.gr/article.asp*catid=31188&subid=2&pubid=15361431	2	
Greece	Magiko Solar Power Plant	http://en.biosar.gr/article.asp*catid=31185&subid=2&pubid=15361404	2	
Honduras	Pacific Solar	https://www.wiki-solar.org	63	60
Honduras	Enerbasa Nacaome II	http://www.scatecsolar.com/Portfolio/Honduras/Agua-Fria-Honduras-60-MW	60	
Honduras	Aura Solar 2	http://www.aurasolar.com.mx/aura-solar-II.html	61	
Hungary	Dunai	https://www.wiki-solar.org	21	

Hungary	Visonta	https://www.wiki-solar.org	16	
India	Minpoor Renew	https://www.wiki-solar.org	100	
India	Veltoor SP	https://www.wiki-solar.org	100	
India	Agucha Mine	https://www.wiki-solar.org	22	22
India	Hardhani 100	https://www.wiki-solar.org	82	
India	Hothi	https://www.wiki-solar.org	16	
India	Raksa Solar Power Plant	http://astonfield.com	2	
India	Kathauti 1 Solar Power Plant	http://www.azurepower.com	5	
India	Kallurani Phoebus	https://www.wiki-solar.org	50	

India	Kallurani Aadhavan	https://www.wiki-solar.org	50
India	Ramnad Welspun	https://www.wiki-solar.org	30
India	RUMS} Sprng	https://www.wiki-solar.org	250
India	Sadashivpet ES	https://www.wiki-solar.org	50
India	Warora Solar Power Plant	http://www.gmrgroup.in/energy-gmr-gujarat-solar-power-ltd.aspx	25
India	Holenarasipura	https://www.wiki-solar.org	20
India	Kadivella	https://www.wiki-solar.org	30
India	Kamuthi Solar Power Plant	http://www.adanipower.com	648
India	Peravali	https://www.wiki-solar.org	4

India	Nasirpur	https://www.wiki-solar.org	50
India	Manchini ACME	https://www.wiki-solar.org	50
India	Kombhalne	https://www.wiki-solar.org	30
India	Bableshwar wind-solar	https://www.wiki-solar.org	29
India	Kallurani RT	https://www.wiki-solar.org	15
India	Boha Solar Power Plant	http://www.madhavcorp.com	4
India	Sangatpura Solar Power Plant	http://www.lancosolar.com	10
India	PaSP} Adani O2	https://www.wiki-solar.org	50
India	Thunkiballaram	https://www.wiki-solar.org	15

India	Bidar C	https://www.wiki-solar.org	15
India	T.N.Pura	https://www.wiki-solar.org	20
India	Virannapalle	https://www.wiki-solar.org	50
India	Thimmalapura	https://www.wiki-solar.org	10
India	Bhagwanpura	https://www.wiki-solar.org	106
India	Pudukottai Aeon	https://www.wiki-solar.org	15
India	Iyyermalai	https://www.wiki-solar.org	75
India	Rapar Khokhara Solar Power Plant	http://taxusgroup.com	5
India	Bidar Rural	https://www.wiki-solar.org	20
India	Arasadi	https://www.wiki-solar.org	10

India	OF Medak	https://www.wiki-solar.org	15
India	Talmadia C	https://www.wiki-solar.org	20
India	Palavalli	https://www.wiki-solar.org	50
India	Kamareddy Sky	https://www.wiki-solar.org	50
India	Wanaparthy Mytrah	https://www.wiki-solar.org	50
India	Dhama Azure	https://www.wiki-solar.org	5
India	Kandu Khera	https://www.wiki-solar.org	14
India	Shiggaon	https://www.wiki-solar.org	20
India	Beas	https://www.wiki-solar.org	8
India	Tiruchuli	https://www.wiki-solar.org	50

India	Magania	https://www.wiki-solar.org	50
India	Vikarabad	https://www.wiki-solar.org	23
India	Bavadi Barsingha - LEPL Solar Power Plant	http://www.lepl.in	10
India	BhSP1	https://www.wiki-solar.org	420
India	Durg	https://www.wiki-solar.org	10
India	Ittigi Hartek	https://www.wiki-solar.org	50
India	Goyalkhedi	https://www.wiki-solar.org	32
India	Nagwar	https://www.wiki-solar.org	5
India	Kewal	https://www.wiki-solar.org	20

India	Katol - Citra Solar Power Plant	http://www.mahaurja.com/PDF/PG2_GridConnSPPCommissioned.pdf	2
India	Mandamarri Renew	https://www.wiki-solar.org	48
India	Lakhmirwala Solar Power Plant	http://esselinfraprojects.com	20
India	Manglore	https://www.wiki-solar.org	20
India	Mandrup - Giriraj Solar Power Plant	http://www.mahaurja.com/PDF/PG2_GridConnSPPCommissioned.pdf	7
India	Holalkere	https://www.wiki-solar.org	20
India	Tadwai B	https://www.wiki-solar.org	15
India	Patodi Solar Power Plant	http://energy.rajasthan.gov.in/content/dam/raj/energy/common/Details%20of%20commissioned%20Solar%20Projects%20.pdf	1

India	Beechiganipalle	https://www.wiki-solar.org	10
India	Shirsuphal	https://www.wiki-solar.org	52
India	Barsinga Solaire	https://www.wiki-solar.org	5
India	Chahitara	https://www.wiki-solar.org	20
India	Badal	https://www.wiki-solar.org	15
India	Komal West Solar Power Plant	http://www.tatapowersolar.com	1
India	Neyveli NLC2	https://www.wiki-solar.org	65
India	Vedachandur	https://www.wiki-solar.org	9
India	Nirmal Mahindra	https://www.wiki-solar.org	50

India	Garacharma Solar Power Plant	http://www.ntpc.co.in	5
India	Kandagatla Keerthi	https://www.wiki-solar.org	8
India	Chadiyana 10	https://www.wiki-solar.org	10
India	Ramagundam Solar Power Plant	http://www.ntpc.co.in	10
India	Panipat	https://www.wiki-solar.org	10
India	Jeedimetla	https://www.wiki-solar.org	10
India	Gowriganipalli MV10	https://www.wiki-solar.org	11
India	Ladpura	https://www.wiki-solar.org	50

India	Jamuria Solar Power Plant	http://wbpdcl.co.in	2
India	Teona Welspun 2	https://www.wiki-solar.org	4
India	Manuguru	https://www.wiki-solar.org	12
India	Sircilla Acme	https://www.wiki-solar.org	30
India	Wanaparthy Ostro	https://www.wiki-solar.org	50
India	Nokha Daiya Solar Power Plant	http://mnre.gov.in/file-manager/UserFiles/State%20wise%20commissioning%20status%20of%20grid%20connected%20solar%20power%20projects/Rajasthan.pdf	5
India	Chengam	https://www.wiki-solar.org	36
India	Regunathamadai	https://www.wiki-solar.org	5
India	Devadurga	https://www.wiki-solar.org	20

India	Mulshi Solar Power Plant	http://www.tatapowersolar.com	3
India	Kalwakurthy Haldiram	https://www.wiki-solar.org	10
India	Kambadur	https://www.wiki-solar.org	11
India	Mangalore Port	https://www.wiki-solar.org	4
India	Talcher Kaniha Solar Power Plant	http://www.ntpc.co.in	10
India	Rojhani Solar Power Plant	http://ujaas.com	31
India	Chandapur	https://www.wiki-solar.org	10
India	Meravadar GIS	https://www.wiki-solar.org	10

India	Gowriganipalli BGC	https://www.wiki-solar.org	4
India	Kodangal	https://www.wiki-solar.org	15
India	Khaira Khurad	https://www.wiki-solar.org	25
India	Narikudi	https://www.wiki-solar.org	60
India	Basawaipalli	https://www.wiki-solar.org	4
India	Nagla	https://www.wiki-solar.org	4
India	Nagarkurnool Mytrah	https://www.wiki-solar.org	15
India	Bibiyapur	https://www.wiki-solar.org	10
India	Chudiyala Profigate 2	https://www.wiki-solar.org	5

India	Salhebhantha	https://www.wiki-solar.org	30
India	Kanakagiri A	https://www.wiki-solar.org	15
India	Debari	https://www.wiki-solar.org	12
India	Urse	https://www.wiki-solar.org	6
India	Ram Tirath Jaga Solar Power Plant	http://www.welspunrenewables.com	10
India	Punganur	https://www.wiki-solar.org	50
India	Waddekothapally	https://www.wiki-solar.org	42
India	Chilveru	https://www.wiki-solar.org	8
India	Icchawar	https://www.wiki-solar.org	9
India	Gamiwala 1	https://www.wiki-solar.org	21

India	Naini Solar Power Plant	http://www.emcpower.com	6
India	Kadiri	https://www.wiki-solar.org	5
India	Harapanahalli RBW	https://www.wiki-solar.org	14
India	Salakpur	https://www.wiki-solar.org	11
India	Kasaragod KSEB	https://www.wiki-solar.org	50
India	Kalipi	https://www.wiki-solar.org	40
India	Panandhro Solar Power Plant	http://www.gmdcltd.com	5
India	NPKSP} Greenko	https://www.wiki-solar.org	500

India	Parashuramadevara Kote	https://www.wiki-solar.org	30
India	Seegipalle	https://www.wiki-solar.org	50
India	Badanpur	https://www.wiki-solar.org	50
India	Hyderabad HYD	https://www.wiki-solar.org	5
India	Bahadaurgarh Jandian	https://www.wiki-solar.org	50
India	Tandur First	https://www.wiki-solar.org	50
India	Kayanathar	https://www.wiki-solar.org	49
India	Singrauli Solar Power Plant	http://www.ntpc.co.in	15
Israel	Hazerim	https://www.wiki-solar.org	6

Israel	Ketura Sun	https://www.wiki-solar.org	5	40
Israel	Meitarim	http://www.energix-group.com/Meitarim/	5	
Israel	Kerem Shalom	https://www.wiki-solar.org	6	
Israel	Bror Hayil Solar Power Plant	http://www.belectric.com/en/solar-power-plants/projects/	9	
Israel	Maslul	https://www.wiki-solar.org	9	
Israel	Talmei Elihayu Solar Power Plant	http://www.belectric.com/en/solar-power-plants/projects/	10	
Israel	Meitar A	https://www.wiki-solar.org	6	
Israel	Nevatim	https://www.wiki-solar.org	18	
Israel	Mishmar HaNegev	https://www.wiki-solar.org	8	

Israel	Shoval	https://www.wiki-solar.org	6	
Israel	Talmei Yosef Solar Power Plant	http://www.belectric.com/en/solar-power-plants/projects/	9	
Italy	Troia T8 Solar Power Plant	https://www.google.com/maps/d/embed*mid=1bXiXRcLRnBCUfpkHM2J5EVryhG4&ll=31.06035315253383%2C35.02284616406246&z=8	1	
Italy	Pietrafitta	https://www.wiki-solar.org	15	31
Italy	GIRIFALCO	https://transparency.entsoe.eu/generation/r2/installedCapacityPerProductionUnit/show	14	
Italy	MdC Octopus	https://www.wiki-solar.org	57	
Italy	Bellpower Solar Power Plant	http://www.gestampsolar.com/es/negocio/proyectos-de-investigacion/bellpower	9	
Italy	Castellaneta	https://www.wiki-solar.org	14	56

Italy	Craco	https://www.wiki-solar.org	12	34	
Italy	Barrafranca Solar Power Plant	https://www.enelgreenpower.com/en/country-italy.html	5		
Italy	Ternavasso	https://www.wiki-solar.org	8		
Italy	Cassano I	https://www.wiki-solar.org	9		
Italy	Novi Fossati	https://www.wiki-solar.org	5		
Italy	Cozzi Battaglia	https://www.wiki-solar.org	13		
Italy	Cassiopea	https://www.wiki-solar.org	20		
Italy	Giga	https://www.wiki-solar.org	29		45
Italy	Alfonsine 2	https://transparency.entsoe.eu/generation/r2/installedCapacityPerProductionUnit/show	25		

Italy	Bufalaro A	https://www.wiki-solar.org	20
Italy	Alessano Solar Power Plant	http://www.martifersolar.com/powering.php	3
Italy	Uras 1+2	https://www.wiki-solar.org	5
Italy	Valentano	https://www.wiki-solar.org	6
Italy	EMMEZETA SOLAR PARK ROVIGO	https://transparency.entsoe.eu/generation/r2/installedCapacityPerProductionUnit/show	65
Italy	Catania A	https://www.wiki-solar.org	9
Italy	MdC III+IV	https://www.wiki-solar.org	44
Italy	Canaro	https://www.wiki-solar.org	6
Italy	Piadena	https://www.wiki-solar.org	6

Italy	Monreale C	https://www.wiki-solar.org	11
Italy	Anagni	https://www.wiki-solar.org	7
Italy	Chiappaporazzito	https://www.wiki-solar.org	5
Italy	San Benedetto di Marsi A	https://www.wiki-solar.org	5
Italy	MdC SolarWorld	https://www.wiki-solar.org	13
Italy	Uta Solar Power Plant	http://www.solariaenergia.com	6
Italy	Bellavista Solar Power Plant	http://www.9ren.it/en/about-us/sustainability/environmental-initiatives	6
Italy	Corinaldo II	https://www.wiki-solar.org	6
Italy	Palo 7	https://www.wiki-solar.org	7

Italy	Monte di Eboli	https://www.wiki-solar.org	24
Italy	Cellino San Marco	https://www.wiki-solar.org	43
Italy	Santa Maria VSL	https://www.wiki-solar.org	5
Italy	Nicoletto Solar Power Plant	http://www.carpevigo.de	2
Italy	Lapedona Solar Power Plant	http://www.envalue.de/de/neues/index.php	1
Italy	Viarolo	https://www.wiki-solar.org	5
Italy	Carlino I	https://www.wiki-solar.org	6
Italy	Banna	https://www.wiki-solar.org	9
Italy	MdC Octopus SE	https://www.wiki-solar.org	15

Italy	Ferrara Aranova	https://www.wiki-solar.org	12
Italy	Brindisi Sud II	https://www.wiki-solar.org	7
Italy	Marrubiu 1+2	https://www.wiki-solar.org	8
Italy	MDC B	https://www.wiki-solar.org	6
Italy	Akralux	https://www.wiki-solar.org	4
Italy	Erika Solar Power Plant	http://www.gestampsolar.com/es/negocio/proyectos-de-investigacion/erika	18
Italy	Gamascia	https://www.wiki-solar.org	10
Italy	Suvereto	https://www.wiki-solar.org	6
Italy	Treia 1	https://www.wiki-solar.org	14

Italy	Santa Maria in Piana	https://www.wiki-solar.org	5
Italy	Ferrara Focomorto II	https://www.wiki-solar.org	12
Italy	San Floro	https://www.wiki-solar.org	24
Italy	Sessa Aurunca	https://www.wiki-solar.org	7
Italy	ALFONSINE	https://transparency.entsoe.eu/generation/r2/installedCapacityPerProductionUnit/show	31
Jordan	JUST	https://www.wiki-solar.org	5
Madagascar	Ambatolampy	https://www.wiki-solar.org	25
Malaysia	Kuala Lumpur Airport Solar Power Plant	http://www.malaysiaairports.com.my/*m=media_centre&c=news&id=364	19

Malaysia	Hijau Solar Power Plant	http://gadingkencana.com.my/utility-scale-solar-farm/	8	
Malaysia	Gebeng Solar Power Plant	http://www.mettaenergy.com.my/projects/view/10mw-petronas-solar-plant-gebeng	10	
Malaysia	Kudat	https://www.wiki-solar.org	50	
Malaysia	Kuala Perlis Solar Power Plant	http://innogenetic.com/cypark/index.php/2014-07-02-17-02-16/2014-07-02-17-02-52/renewable-energy	6	
Malaysia	Pajam Solar Power Plant	http://innogenetic.com/cypark/index.php/2014-07-02-17-02-16/2014-07-02-17-02-52/renewable-energy	13	
Mauritania	Nouakchott (Solar)	http://powerafrica.opendataforafrica.org	30	
Mauritius	Plaine des Roches	https://www.wiki-solar.org	15	
Mauritius	Solitude	https://www.wiki-solar.org	28	16

Mauritius	Bambous	http://www.sarako.mu/en/media.html	15	
Mexico	Don José	https://www.wiki-solar.org	207	238
Mexico	Jalisco 1	https://www.wiki-solar.org	8	
Mexico	Aura III	https://www.wiki-solar.org	32	
Mexico	TAI-I	https://www.wiki-solar.org	17	
Namibia	Arandis	https://www.wiki-solar.org	50	50
Netherlands	Scaldia	https://www.wiki-solar.org	55	55
Netherlands	Andijk	https://www.wiki-solar.org	15	
Netherlands	Groene Hoek	https://www.wiki-solar.org	15	

Pakistan	QeA} Jinnah	https://www.wiki-solar.org	98	
Philippines	Calatagan Solar	https://www.doe.gov.ph/list-existing-power-plants	63	63
Philippines	SaCaSol 1B	https://www.wiki-solar.org	9	
Philippines	Mariveles Solar	https://www.doe.gov.ph/list-existing-power-plants	18	18
Philippines	Islasol III	https://www.doe.gov.ph/list-existing-power-plants	48	
Philippines	SACASOL P1	https://www.doe.gov.ph/list-existing-power-plants	21	
Philippines	Cabanatuan Solar	https://www.doe.gov.ph/list-existing-power-plants	10	

Philippines	Centrala	https://www.wiki-solar.org	6
Philippines	Cosmo Solar	https://www.doe.gov.ph/list-existing-power-plants	6
Philippines	Raslag	https://www.wiki-solar.org	10
Philippines	Palauig Solar	https://www.doe.gov.ph/list-existing-power-plants	5
Philippines	Digos Solar	https://www.doe.gov.ph/list-existing-power-plants	29
Philippines	Montesol	https://www.wiki-solar.org	18
Philippines	Leyte I	https://www.wiki-solar.org	30

Philippines	San Rafael Solar	https://www.doe.gov.ph/list-existing-power-plants	4
Philippines	Morong Solar	https://www.doe.gov.ph/list-existing-power-plants	5
Poland	FF Wierzchos*awice	http://inwestycjeenergetyczne.itc.pw.edu.pl/inwestycja/farma-fotowoltaiczna-wierzchoslawice/	1
Poland	FF Zagroby-Zakrzewo	https://rpower.pl/pl/podlasie-solar-park	1
Poland	FF Czernikowo	http://www.energa-wytwarzanie.pl/obiekty/lista-obiektow/czernikowo 56 obiekt.html	4
Poland	FF Gubin	http://www.peg.com.pl/misja	2
Poland	FF Ostrzeszów	http://fotowoltaika-ostrzeszow.pl/	2
Poland	FF Kolno	https://rpower.pl/pl/podlasie-solar-park	2

Portugal	Seixal 2	http://e2p.inegi.up.pt/index.asp	8
Portugal	Loures	https://www.wiki-solar.org	6
Portugal	Loiral	http://e2p.inegi.up.pt/index.asp	7
Portugal	Condeixa	http://e2p.inegi.up.pt/index.asp	2
Romania	Ucea de Sus	https://www.wiki-solar.org	55
Romania	Arice*tii	https://www.wiki-solar.org	27
Romania	*imnicu de Sus	https://www.wiki-solar.org	14
Romania	Slobozia	https://www.wiki-solar.org	45
Romania	Berceni I	https://www.wiki-solar.org	10
Romania	Fundulea	https://www.wiki-solar.org	7

Romania	Deta A	https://www.wiki-solar.org	6
Romania	Coliba*i	https://www.wiki-solar.org	7
Romania	Cluj N	https://www.wiki-solar.org	5
Romania	P*ule*ti	https://www.wiki-solar.org	8
Romania	Ploiesti	https://www.wiki-solar.org	9
Russia	Enotaevka	https://www.wiki-solar.org	15
Saint Lucia	Vieux Fort	https://www.wiki-solar.org	3
Saudi Arabia	Al Khafji	https://www.wiki-solar.org	20
Senegal	Ten Merina	https://www.wiki-solar.org	34

Senegal	Kahone 1	https://www.wiki-solar.org	21
Senegal	Mérina Dakhar	https://www.wiki-solar.org	34
South Africa	De Aar - Mainstream Solar Power Plant	http://deaarsolar.co.za/about-de-aar-solar-power/project-description/	50
South Africa	SlimSun Swartland Solar Park	http://concentrating.sun.ac.za/wp-content/uploads/2014/02/5.pdf	5
South Africa	De Aar - Mulilo Solar Power Plant	http://mulilo.com/our-projects/	10
South Africa	KaXu Solar Power Plant	http://www.abengoasolar.com/web/en/plantas_solares/	100
South Africa	Prieska Solar Plant	http://www.juwi.co.za/projects/detail/juwiarticle/artikel/detail//prieska-solar-plant/	86

South Africa	Konkoonsies Solar Power Plant	http://www.juwi.co.za/projects/	11	
South Africa	Aries Solar Power Plant	http://www.biothermenergy.com/blog/aries-solar-pv	11	
South Africa	Sishen Solar Power Plant	http://accionaenergia.azurewebsites.net/areas-of-activity/photovoltaic/major-projects/sishen-photovoltaic-plant/	94	
South Africa	De Aar 3 Solar Power Plant	http://energy.org.za/knowledge-tools/project-database/solar-capital-de-aar-3	75	
South Korea	Yeongwol	https://www.wiki-solar.org	39	39
Spain	Bonete	https://www.wiki-solar.org	6	
Spain	PLANTA SOLAR TERMICA SOLAR TRES	http://www.ree.es/en/statistical-data-of-spanish-electrical-system/annual-report/preliminary-report-spanish-electricity-system-2015	20	

Spain	Alvarado	https://www.wiki-solar.org	6	50
Spain	Sanlúcar la Mayor A	https://www.wiki-solar.org	7	
Spain	Atzeneta	https://www.wiki-solar.org	6	
Spain	Requena	https://www.wiki-solar.org	12	12
Spain	Fuente álamo	https://www.wiki-solar.org	28	
Spain	Solten	https://www.wiki-solar.org	20	
Spain	Almodóvar del Campo	https://www.wiki-solar.org	10	
Spain	PST PALMA DEL RIO I	http://www.ree.es/en/statistical-data-of-spanish-electrical-system/annual-report/preliminary-report-spanish-electricity-system-2015	50	
Spain	Benahadux	https://www.wiki-solar.org	11	

Spain	Hellin I+II	https://www.wiki-solar.org	8
Spain	Arguedas III	https://www.wiki-solar.org	7
Spain	Medina	https://www.wiki-solar.org	7
Spain	El Coronil	https://www.wiki-solar.org	17
Spain	CASABLANCA	http://www.ree.es/en/statistical-data-of-spanish-electrical-system/annual-report/preliminary-report-spanish-electricity-system-2015	50
Spain	El Bonillo	https://www.wiki-solar.org	20
Spain	PST SOLACOR 1	http://www.ree.es/en/statistical-data-of-spanish-electrical-system/annual-report/preliminary-report-spanish-electricity-system-2015	100
Spain	Castelnou	https://www.wiki-solar.org	6
Spain	Ablitas	https://www.wiki-solar.org	9

Spain	ANDASOL-3	http://www.ree.es/en/statistical-data-of-spanish-electrical-system/annual-report/preliminary-report-spanish-electricity-system-2015	150
Spain	PLANTA SOLAR TERMICA HELIOENERGY 1	http://www.ree.es/en/statistical-data-of-spanish-electrical-system/annual-report/preliminary-report-spanish-electricity-system-2015	100
Spain	Aste 1B	https://www.wiki-solar.org	50
Spain	Arbante	https://www.wiki-solar.org	9
Spain	Lucainena de las Torres	https://www.wiki-solar.org	15
Spain	Actiu Technological Park	https://www.wiki-solar.org	5
Spain	Losa del Obispo	https://www.wiki-solar.org	7
Spain	Cieza IGS	https://www.wiki-solar.org	6

Spain	Zújar	https://www.wiki-solar.org	7
Spain	Casas de Los Pinos	https://www.wiki-solar.org	28
Spain	Extremasol	https://www.wiki-solar.org	10
Spain	Castejon	https://www.wiki-solar.org	5
Spain	Ataquines A	https://www.wiki-solar.org	4
Spain	Espartosa	https://www.wiki-solar.org	5
Spain	Ibersol CSP	https://www.wiki-solar.org	50
Spain	Blanca	https://www.wiki-solar.org	7
Spain	Fuenmayor	https://www.wiki-solar.org	10
Spain	Torrealvilla I	https://www.wiki-solar.org	6

Spain	Azonilla	https://www.wiki-solar.org	8	
Sri Lanka	Hambantota	http://www.pucsl.gov.lk/english/industries/electricity/license-applications/#tab3	20	
Suriname	Rosebel	https://www.wiki-solar.org	5	
Switzerland	Neuendorf	https://www.wiki-solar.org	5	
Thailand	Lampang Solar Power Plant	http://www.energyabsolute.co.th/index.php	90	128
Thailand	Hat Yai Solar Power Plant	http://www.thaisolarenergy.com/project.php*menu=future_projects	1	
Thailand	Ubon Ratchathani Solar Power Plant	http://www.thaisolarenergy.com/project.php*menu=future_projects	1	
Thailand	Sai Phet Solar Power Plant	http://www.egco.com/en/corperate_com_press_detail.asp*press_id=206&iYear=2014	36	12

Thailand	Nong On Solar Power Plant	http://www.thaisolarenergy.com/project.php*menu=future_projects	8
Thailand	Phanom Thuan Solar Power Plant	http://www.thaisolarenergy.com/project.php*menu=future_projects	8
Thailand	Wang Luek Solar Power Plant	http://www.thaisolarenergy.com/project.php*menu=future_projects	8
Thailand	Bamnet Narong - BSP Solar Power Plant	http://www.bangkoksolarpower.com/en/reference_project	23
Thailand	Tha Muang Solar Power Plant	http://www.thaisolarenergy.com/project.php*menu=future_projects	8
Thailand	Sakon Nakhon 2 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	8
Thailand	Lopburi - SAAM 1 Solar Power Plant	http://www.bangkoksolarpower.com/en/reference_project	2

Thailand	Phran Kratai IV	https://www.wiki-solar.org	8
Thailand	Sakon Nakhon 1 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	6
Thailand	Wang Man 2 Solar Power Plant	http://www.soleq.com	10
Thailand	Bangchak III	https://www.wiki-solar.org	25
Thailand	Nongyasai Solar Power Plant	http://www.thaisolarenergy.com/project.php*menu=future_projects	8
Thailand	Wang Man 1 Solar Power Plant	http://www.soleq.com	10
Thailand	Dong Khon Solar Power Plant	http://www.egco.com/en/corperate_com_press_detail.asp*press_id=206&iYear=2014	8
Thailand	Surin 3 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	7

Thailand	Khon Kaen 10 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	7
Thailand	Nakhon Phanom 3 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	7
Thailand	Khon Kaen 4 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	7
Thailand	Khon Kaen 7 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	7
Thailand	Khon Kaen 8 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	7
Thailand	Khon Kaen 6 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	7
Thailand	Ta Khit Solar Power Plant	http://www.egco.com/en/corperate_com_press_detail.asp*press_id=206&iYear=2014	8

Thailand	Loei 2 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	7
Thailand	Khao Yao Solar Power Plant	http://www.bangkoksolarpower.com/en/reference_project	10
Thailand	Cham Phak Phaeo	https://www.wiki-solar.org	6
Thailand	Khon Kaen 5 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	7
Thailand	Khon Kaen 3 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	7
Thailand	Ta Sang Solar Power Plant	http://www.egco.com/en/corperate_com_press_detail.asp*press_id=206&iYear=2014	8
Thailand	Surin 1 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	7

Thailand	Nong Khai 1 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	7
Thailand	Phitsanulok Solar Power Plant	http://www.energyabsolute.co.th/index.php	90
Thailand	Khon Kaen 2 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	7
Thailand	Korat 9 Solar Power Plant	http://www.spcg.co.th/index.php/en/about	7
Thailand	Sisaket - SPP3 Solar Power Plant	http://www.egco.com/en/corperate_com_press_detail.asp*press_id=206&iYear=2014	8
Turkey	Erdemli	https://www.wiki-solar.org	35
Turkey	Savc*ll*	https://www.wiki-solar.org	12
Turkey	Yemi*lik	https://www.wiki-solar.org	7

Turkey	Akta*	https://www.wiki-solar.org	7
Turkey	Incesu B	https://www.wiki-solar.org	15
Turkey	Kayseri 6	https://www.wiki-solar.org	7
Turkey	YeniFoca	https://www.wiki-solar.org	7
Turkey	Demercit	https://www.wiki-solar.org	9
Turkey	Cumra Koyuncu	https://www.wiki-solar.org	19
Turkey	Gaziantep*	https://www.wiki-solar.org	25
Turkey	Sar*o*lan	https://www.wiki-solar.org	6
Turkey	E*ribayat	https://www.wiki-solar.org	11
Turkey	Denizli Prime	https://www.wiki-solar.org	14

Turkey	Burdur 18	https://www.wiki-solar.org	8	
Turkey	Incesu Asunim	https://www.wiki-solar.org	4	
Turkey	Kula Manisa	https://www.wiki-solar.org	21	
Turkey	ürgüp A	https://www.wiki-solar.org	5	
Turkey	Makasc* Mühendislik	http://www.enerjiatlasi.com/gunes/makasci-muhendislik-ges.html	10	
Turkey	Denizli Karine	https://www.wiki-solar.org	7	
Turkey	Suleymanli	https://www.wiki-solar.org	5	
Turkey	Cihanbeyli	https://www.wiki-solar.org	12	
Turkey	Sizir	https://www.wiki-solar.org	5	
Ukraine	Perovo	https://www.wiki-solar.org	87	100

Ukraine	Bolgrad	https://www.wiki-solar.org	34	
Ukraine	Nikolayevka	https://www.wiki-solar.org	70	
Ukraine	Ohotnikovo	https://www.wiki-solar.org	76	
United Arab Emirates	Masdar City PV plant	http://www.auptde.org/NewsDetails.aspx*lang=en&NID=291	10	
United Arab Emirates	MBRSP} II	https://www.wiki-solar.org	220	
United Kingdom	Owl's Hatch Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	52	50
United Kingdom	Henbury Quarry	https://www.gov.uk/government/collections/renewable-energy-planning-data	4	

United Kingdom	Rookery Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	4	
United Kingdom	St Columb Major Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	7	
United Kingdom	Lower Severalls Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	11	
United Kingdom	Crookedstone	https://www.gov.uk/government/collections/renewable-energy-planning-data	5	32
United Kingdom	Bentham Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	8	
United Kingdom	Tiers Cross Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	24	
United Kingdom	Kingspan Insulation Solar Installation	https://www.gov.uk/government/collections/renewable-energy-planning-data	5	

United Kingdom	Land West of Parsonage Wood	https://www.gov.uk/government/collections/renewable-energy-planning-data	4	
United Kingdom	Charity Farm - CfD	https://www.gov.uk/government/collections/renewable-energy-planning-data	14	
United Kingdom	Wilton	https://www.gov.uk/government/collections/renewable-energy-planning-data	9	30
United Kingdom	Higher Bye	https://www.gov.uk/government/collections/renewable-energy-planning-data	7	
United Kingdom	Waterditch Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	18	
United Kingdom	Playters	https://www.gov.uk/government/collections/renewable-energy-planning-data	9	
United Kingdom	The Flit	https://www.gov.uk/government/collections/renewable-energy-planning-data	11	12

United Kingdom	Derriton Fields Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	12	
United Kingdom	Rodbourne Rail Farm - Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	8	
United Kingdom	Beaford Brook Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	5	
United Kingdom	Milborne Port Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	4	
United Kingdom	Chalgrove Solar	https://www.gov.uk/government/collections/renewable-energy-planning-data	21	23
United Kingdom	Burthy	https://www.gov.uk/government/collections/renewable-energy-planning-data	13	
United Kingdom	Troughton Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	30	

United Kingdom	Solar farm at land at The Willows Uttoxeter	https://www.gov.uk/government/collections/renewable-energy-planning-data	6	
United Kingdom	Glebe	https://www.wiki-solar.org	26	20
United Kingdom	Langford Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	13	13
United Kingdom	Oaklands Farm - resubmission	https://www.gov.uk/government/collections/renewable-energy-planning-data	7	
United Kingdom	Thornborough Grounds (England)	https://www.gov.uk/government/collections/renewable-energy-planning-data	5	
United Kingdom	Newton Ferrers	https://www.gov.uk/government/collections/renewable-energy-planning-data	20	

United Kingdom	Fambridge Road/Canewdon Road	https://www.gov.uk/government/collections/renewable-energy-planning-data	5	
United Kingdom	Land at Box Road	https://www.gov.uk/government/collections/renewable-energy-planning-data	2	
United Kingdom	Ballyboley Solar (Carrowdore)	https://www.gov.uk/government/collections/renewable-energy-planning-data	6	
United Kingdom	Easingwold	https://www.wiki-solar.org	5	
United Kingdom	Sandys Moor	https://www.gov.uk/government/collections/renewable-energy-planning-data	3	
United Kingdom	Steventon	https://www.gov.uk/government/collections/renewable-energy-planning-data	10	10
United Kingdom	Eveley	https://www.gov.uk/government/collections/renewable-energy-planning-data	49	49

United Kingdom	Chapel Lane Parley Solar Farm Phase 1	https://www.gov.uk/government/collections/renewable-energy-planning-data	20	
United Kingdom	Highfields Farm (Braintree)	https://www.gov.uk/government/collections/renewable-energy-planning-data	3	
United Kingdom	Hadlow Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	19	19
United Kingdom	Priors Byne Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	8	
United Kingdom	Sycamore Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	20	20
United Kingdom	Chelwood Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5	
United Kingdom	Grove Solar Park (Phase 1)	https://www.gov.uk/government/collections/renewable-energy-planning-data	5	

United Kingdom	Stonebarrow Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	8	
United Kingdom	Hurcott Copse Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	10	10
United Kingdom	Crugmore Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	6	
United Kingdom	Overton Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	4	
United Kingdom	Bishops Sutton	https://www.gov.uk/government/collections/renewable-energy-planning-data	12	
United Kingdom	Gypsom Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5	
United Kingdom	Brook Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	9	25

United Kingdom	Bishop's Waltham Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	12	
United Kingdom	Marsh House Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	6	50
United Kingdom	Land at Wreay	https://www.gov.uk/government/collections/renewable-energy-planning-data	5	
United Kingdom	Land At Rymes Farm (Phase 1)	https://www.gov.uk/government/collections/renewable-energy-planning-data	7	
United Kingdom	Land off Hooklands Lane	https://www.gov.uk/government/collections/renewable-energy-planning-data	5	
United Kingdom	Glebe Farm Solar Energy Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	15	16
United Kingdom	Parabel North Beer Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	7	

United Kingdom	Sherburn	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Bentley Estate	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Amcor Flexibles	https://www.gov.uk/government/collections/renewable-energy-planning-data	2
United Kingdom	Holwell Hill	https://www.gov.uk/government/collections/renewable-energy-planning-data	6
United Kingdom	Parham Airfield (Great Glenham)	https://www.gov.uk/government/collections/renewable-energy-planning-data	18
United Kingdom	Home Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	7
United Kingdom	Screwfix Direct	https://www.gov.uk/government/collections/renewable-energy-planning-data	3

United Kingdom	Wedgehill Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	13
United Kingdom	Mamhilad Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Woolbridge Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Dolmans Hill (Redbridge Farm) Solar Arrays	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Lower House	https://www.gov.uk/government/collections/renewable-energy-planning-data	8
United Kingdom	Golden Hill	https://www.gov.uk/government/collections/renewable-energy-planning-data	6
United Kingdom	Wraysbury Landfill	https://www.gov.uk/government/collections/renewable-energy-planning-data	5

United Kingdom	Ellough Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	15
United Kingdom	Rosedew Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Tooleys Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Port of Barry (Resubmission) - Site 1	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	30 Acres	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Fields Farm (Agden)	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Partridge Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	11

United Kingdom	Western International Market	https://www.gov.uk/government/collections/renewable-energy-planning-data	2
United Kingdom	Seaton Road Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	4
United Kingdom	Land at Barnham	https://www.gov.uk/government/collections/renewable-energy-planning-data	1
United Kingdom	Goose Willow	https://www.wiki-solar.org	14
United Kingdom	West Raynham	https://www.gov.uk/government/collections/renewable-energy-planning-data	50
United Kingdom	Chilton Cantelo Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Christchurch Energy	https://www.gov.uk/government/collections/renewable-energy-planning-data	18

United Kingdom	Chapel Lane Parley Solar Farm Phase 3	https://www.gov.uk/government/collections/renewable-energy-planning-data	4
United Kingdom	Taplins Farm solar park	https://www.gov.uk/government/collections/renewable-energy-planning-data	6
United Kingdom	Manor Farm (Castle Cary)	https://www.gov.uk/government/collections/renewable-energy-planning-data	2
United Kingdom	Laceby Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	27
United Kingdom	Exning	https://www.gov.uk/government/collections/renewable-energy-planning-data	30
United Kingdom	Condover Airfield	https://www.gov.uk/government/collections/renewable-energy-planning-data	12
United Kingdom	Land at Oldstone Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5

United Kingdom	Stratton Hall Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	12
United Kingdom	Rhug Estate	https://www.gov.uk/government/collections/renewable-energy-planning-data	1
United Kingdom	Cockett Valley	https://www.gov.uk/government/collections/renewable-energy-planning-data	4
United Kingdom	Boscombe Airfield	https://www.gov.uk/government/collections/renewable-energy-planning-data	12
United Kingdom	Hill Farm Solar Park (VoWH)	https://www.gov.uk/government/collections/renewable-energy-planning-data	15
United Kingdom	Temple Normanton (England)	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Upper Huntingford Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	8

United Kingdom	Clapton Farm Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Fairwinds	https://www.gov.uk/government/collections/renewable-energy-planning-data	12
United Kingdom	Hadley Farm (Orta Membury Solar Farm)	https://www.gov.uk/government/collections/renewable-energy-planning-data	17
United Kingdom	West Ditchen Farm (resubmission)	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Manor Farm (Wiltshire) - resubmission	https://www.gov.uk/government/collections/renewable-energy-planning-data	6
United Kingdom	Langar Lane	https://www.gov.uk/government/collections/renewable-energy-planning-data	10

United Kingdom	Land at Green Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	1
United Kingdom	Clayhill Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	10
United Kingdom	Land off Moss Side Lane (resubmission)	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	High Leas	https://www.gov.uk/government/collections/renewable-energy-planning-data	7
United Kingdom	Moss Thorn Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	6
United Kingdom	Chelveston Airfield	https://www.gov.uk/government/collections/renewable-energy-planning-data	16
United Kingdom	Black Peak Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	32

United Kingdom	Ffos Las	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Ashlawn Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	7
United Kingdom	Ashby	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Coton Park Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	3
United Kingdom	Land at Newlands Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	North Farm (Spetisbury)	https://www.gov.uk/government/collections/renewable-energy-planning-data	12
United Kingdom	Nanteague Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	8

United Kingdom	Pen-Y-Fan A	https://www.wiki-solar.org	6
United Kingdom	Culmhead Solar Farm (Resubmission)	https://www.gov.uk/government/collections/renewable-energy-planning-data	8
United Kingdom	Bobbing solar farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	11
United Kingdom	Maesgwyn solar farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	8
United Kingdom	Bommertown Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Lyreco - Telford Distribution Centre	https://www.gov.uk/government/collections/renewable-energy-planning-data	4
United Kingdom	William's Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	4

United Kingdom	Majors Hill/Turners Hill Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	1
United Kingdom	Land At Swanland Road	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Skegness	https://www.gov.uk/government/collections/renewable-energy-planning-data	11
United Kingdom	Thame solar farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	4
United Kingdom	Former Westhampnett Landfill	https://www.gov.uk/government/collections/renewable-energy-planning-data	8
United Kingdom	Potters Bar Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5

United Kingdom	Brynwhilach solar park	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Chapel Hill	https://www.gov.uk/government/collections/renewable-energy-planning-data	8
United Kingdom	Hill Hall Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Land At Actrees Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Chapel Lane Parley Solar Farm Phase 2	https://www.gov.uk/government/collections/renewable-energy-planning-data	36
United Kingdom	Winham Farm - resubmission	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Rookery Business Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	5

United Kingdom	Abergelli	https://www.gov.uk/government/collections/renewable-energy-planning-data	8
United Kingdom	Land To The North Of Moor Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	4
United Kingdom	Langenhoe Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	21
United Kingdom	Shotwick	https://www.gov.uk/government/collections/renewable-energy-planning-data	72
United Kingdom	Land at Gilley's Mill Dam	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Orchard Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	10
United Kingdom	Netherfield Lane	https://www.gov.uk/government/collections/renewable-energy-planning-data	20

United Kingdom	Gosfield Airfield	https://www.gov.uk/government/collections/renewable-energy-planning-data	13
United Kingdom	Southill Solar (resubmission)	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Forest Heath Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Tollgate Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	4
United Kingdom	Worleston	https://www.wiki-solar.org	4
United Kingdom	Hunters Race Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	9
United Kingdom	Highampton A	https://www.wiki-solar.org	4

United Kingdom	Elms Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	29
United Kingdom	Eynsham Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	13
United Kingdom	West Bradley	https://www.gov.uk/government/collections/renewable-energy-planning-data	1
United Kingdom	Rudbaxton Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	11
United Kingdom	Land at Biggin Lane	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Cross Roads Plantation	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	BAE Samlesbury Aerodrome	https://www.gov.uk/government/collections/renewable-energy-planning-data	2

United Kingdom	Tavells Lane Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Six Hills Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	19
United Kingdom	Corntown Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	3
United Kingdom	Bluegates Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	11
United Kingdom	Bowden Lane Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Westover Farm - resubmission	https://www.gov.uk/government/collections/renewable-energy-planning-data	7
United Kingdom	Ketton Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	9

United Kingdom	Rhewl Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	6
United Kingdom	Landmead Farm (East Hanney)	https://www.gov.uk/government/collections/renewable-energy-planning-data	46
United Kingdom	Teyrdan	https://www.wiki-solar.org	9
United Kingdom	Molehill Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	18
United Kingdom	Land to the south of Hill Farm (resubmission)	https://www.gov.uk/government/collections/renewable-energy-planning-data	7
United Kingdom	Stokes Marsh Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	17
United Kingdom	Pressock Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5

United Kingdom	Bottom Plain	https://www.gov.uk/government/collections/renewable-energy-planning-data	10
United Kingdom	Bury Green Farm Solar	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Mill Hill Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Goose Willow Farm - extension	https://www.gov.uk/government/collections/renewable-energy-planning-data	7
United Kingdom	South Newton Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	11
United Kingdom	Land At Potash Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	7
United Kingdom	Crannaford Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	13

United Kingdom	Parkhouse Corner (Orta Solar)	https://www.gov.uk/government/collections/renewable-energy-planning-data	7
United Kingdom	Stowbridge Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	24
United Kingdom	Land west of Welton Road	https://www.gov.uk/government/collections/renewable-energy-planning-data	4
United Kingdom	Odell Glebe Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	17
United Kingdom	Morton House (Marchington)	https://www.gov.uk/government/collections/renewable-energy-planning-data	6
United Kingdom	Snarlton Farm (Melksham solar farm)	https://www.gov.uk/government/collections/renewable-energy-planning-data	50
United Kingdom	Honington Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	14

United Kingdom	West Carclaze Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	7
United Kingdom	Munceys Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	32
United Kingdom	Folly Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	13
United Kingdom	Asfordby North	https://www.wiki-solar.org	4
United Kingdom	Land South of Knock Lane	https://www.gov.uk/government/collections/renewable-energy-planning-data	4
United Kingdom	Egmanton Solar Farm - resubmission	https://www.gov.uk/government/collections/renewable-energy-planning-data	14
United Kingdom	Manston	https://www.gov.uk/government/collections/renewable-energy-planning-data	10

United Kingdom	Blackwell Grange Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Land At Guston Court Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Hunstrete (Wilmington Farm)	https://www.gov.uk/government/collections/renewable-energy-planning-data	2
United Kingdom	Great Seabrook Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Monty's Farm Taunton	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Lackford Estate Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	21
United Kingdom	Abbey Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	9

United Kingdom	Fenland Farm	https://www.wiki-solar.org	18
United Kingdom	Land at High Point Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Oakham	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Blue House	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Roanhead Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	7
United Kingdom	Cold Harbour	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Wormit Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	4

United Kingdom	Cobbs Cross Solar Park	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Welbeck Colliery	https://www.gov.uk/government/collections/renewable-energy-planning-data	10
United Kingdom	Office Field	https://www.gov.uk/government/collections/renewable-energy-planning-data	7
United Kingdom	Handley Park - resubmission	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Woodforde Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	9
United Kingdom	STRETE FARM SOLAR FARM	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United Kingdom	Walmoor Farm solar park	https://www.gov.uk/government/collections/renewable-energy-planning-data	4

United Kingdom	Blaby Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	4
United Kingdom	Bryn yr Odyn Solar Farm	https://www.gov.uk/government/collections/renewable-energy-planning-data	15
United Kingdom	Sudforth Lane (Kellingley Solar Farm)	https://www.gov.uk/government/collections/renewable-energy-planning-data	5
United States of America	Natick Mall	http://www.eia.gov/electricity/data/browser/	2
United States of America	East Longmeadow Solar PV	http://www.eia.gov/electricity/data/browser/	5
United States of America	Pate Farm	http://www.eia.gov/electricity/data/browser/	5

United States of America	Marshall Solar Energy Project	http://www.eia.gov/electricity/data/browser/	62	62
United States of America	Groveland Solar	http://www.eia.gov/electricity/data/browser/	3	
United States of America	350 Clark Solar NG LLC	http://www.eia.gov/electricity/data/browser/	2	
United States of America	Innovative Solar 63 LLC	http://www.eia.gov/electricity/data/browser/	5	
United States of America	Kenansville Solar Farm LLC	http://www.eia.gov/electricity/data/browser/	5	

United States of America	SAS Solar Farm	http://www.eia.gov/electricity/data/browser/	2	
United States of America	Creech Solar 2 LLC	http://www.eia.gov/electricity/data/browser/	7	
United States of America	Conetoe II Solar LLC	http://www.eia.gov/electricity/data/browser/	80	
United States of America	Manatee Solar Energy Center	http://www.eia.gov/electricity/data/browser/	75	75
United States of America	Solar Gen 2 Solar Facility	http://www.eia.gov/electricity/data/browser/	163	150

United States of America	Holyoke Solar Cooperative at Mueller	http://www.eia.gov/electricity/data/browser/	3
United States of America	Tissington Solar	http://www.eia.gov/electricity/data/browser/	3
United States of America	Meadows PV 1	http://www.eia.gov/electricity/data/browser/	20
United States of America	NEDC Solar Site	http://www.eia.gov/electricity/data/browser/	1
United States of America	Yanceyville Farm	http://www.eia.gov/electricity/data/browser/	5

United States of America	Apple Data Center - PV2	http://www.eia.gov/electricity/data/browser/	20
United States of America	West Dubuque Solar	http://www.eia.gov/electricity/data/browser/	4
United States of America	Mount Signal Solar Farm V	http://www.eia.gov/electricity/data/browser/	252
United States of America	St. Pauls Solar 1 LLC	http://www.eia.gov/electricity/data/browser/	5
United States of America	Blueberry One	http://www.eia.gov/electricity/data/browser/	5

United States of America	SR Hazlehurst	http://www.eia.gov/electricity/data/browser/	20	
United States of America	Butler Solar Project 103	http://www.eia.gov/electricity/data/browser/	104	
United States of America	Raritan Solar - 53 Highway	http://www.eia.gov/electricity/data/browser/	8	10
United States of America	Cohalan	http://www.eia.gov/electricity/data/browser/	4	
United States of America	Haynes Farm	http://www.eia.gov/electricity/data/browser/	5	

United States of America	Vandenberg Solar Project	http://www.eia.gov/electricity/data/browser/	23	28
United States of America	Turrill Solar Farm	http://www.eia.gov/electricity/data/browser/	20	
United States of America	North Run	http://www.eia.gov/electricity/data/browser/	5	
United States of America	Buckleberry Solar	http://www.eia.gov/electricity/data/browser/	52	70
United States of America	MA Solar Storage 1 Hybrid	http://www.eia.gov/electricity/data/browser/	2	

United States of America	Princeton	http://www.eia.gov/electricity/data/browser/	5	5	
United States of America	AV Solar Ranch One	http://www.eia.gov/electricity/data/browser/	253	242	
United States of America	JBAB - Washington DC	http://www.eia.gov/electricity/data/browser/	6		
United States of America	NC 102 Project LLC	http://www.eia.gov/electricity/data/browser/	75	103	135
United States of America	Sunfish Farm	http://www.eia.gov/electricity/data/browser/	5		

United States of America	IKEA Savannah 490	http://www.eia.gov/electricity/data/browser/	1	
United States of America	Freeze Solar	http://www.eia.gov/electricity/data/browser/	2	
United States of America	Antelope Expansion 2	http://www.eia.gov/electricity/data/browser/	105	130
United States of America	Mohave Electric Cooperative at Joy Lane	http://www.eia.gov/electricity/data/browser/	10	
United States of America	Timber Creek HS	http://www.eia.gov/electricity/data/browser/	1	

United States of America	Shuman Solar	http://www.eia.gov/electricity/data/browser/	2
United States of America	Malech Solar Farm	http://www.eia.gov/electricity/data/browser/	3
United States of America	USPS PV	http://www.eia.gov/electricity/data/browser/	11
United States of America	Wadesboro Farm 3	http://www.eia.gov/electricity/data/browser/	5
United States of America	Marion Solar LNG	http://www.eia.gov/electricity/data/browser/	2

United States of America	St. Pauls Solar 2	http://www.eia.gov/electricity/data/browser/	5
United States of America	Cedar Creek PV	http://www.eia.gov/electricity/data/browser/	2
United States of America	Butler Solar Farm 20	http://www.eia.gov/electricity/data/browser/	22
United States of America	Vista Grande HS at Casa Grande	http://www.eia.gov/electricity/data/browser/	2
United States of America	William G Mennen Sports Solar	http://www.eia.gov/electricity/data/browser/	1

United States of America	West Tennessee Solar Farm	http://www.eia.gov/electricity/data/browser/	4
United States of America	Broadridge Solar LLC	http://www.eia.gov/electricity/data/browser/	5
United States of America	Spruce - WCMD - Resh I	http://www.eia.gov/electricity/data/browser/	2
United States of America	AC Criminal Courts Complex SPE2 LLC	http://www.eia.gov/electricity/data/browser/	1
United States of America	Husky Solar	http://www.eia.gov/electricity/data/browser/	5

United States of America	Holstein Plant	http://www.eia.gov/electricity/data/browser/	20
United States of America	Paradise Solar Energy Center	http://www.eia.gov/electricity/data/browser/	5
United States of America	PVN Milliken LLC	http://www.eia.gov/electricity/data/browser/	3
United States of America	NJMC Landfill	http://www.eia.gov/electricity/data/browser/	3
United States of America	Clarke Solar Power Facility	http://www.eia.gov/electricity/data/browser/	10

United States of America	Neisler Street Solar	http://www.eia.gov/electricity/data/browser/	2
United States of America	Martins Creek Solar NC LLC	http://www.eia.gov/electricity/data/browser/	1
United States of America	St. Matthews Solar	http://www.eia.gov/electricity/data/browser/	10
United States of America	DE Solar 1725 Drywall Dr	http://www.eia.gov/electricity/data/browser/	1
United States of America	North Nash Farm LLC	http://www.eia.gov/electricity/data/browser/	5

United States of America	Boston Scientific Solar	http://www.eia.gov/electricity/data/browser/	1
United States of America	Lafayette Solar I LLC	http://www.eia.gov/electricity/data/browser/	2
United States of America	North Bergen Solar	http://www.eia.gov/electricity/data/browser/	2
United States of America	BWC Harlow Brook	http://www.eia.gov/electricity/data/browser/	2
United States of America	Nextsun Energy Littleton	http://www.eia.gov/electricity/data/browser/	5

United States of America	William Paterson University	http://www.eia.gov/electricity/data/browser/	1
United States of America	Star Solar	http://www.eia.gov/electricity/data/browser/	5
United States of America	Westmont 300A	http://www.eia.gov/electricity/data/browser/	3
United States of America	Malone Solar Site	http://www.eia.gov/electricity/data/browser/	1
United States of America	Princeton Solar Project	http://www.eia.gov/electricity/data/browser/	3

United States of America	DG Dighton LLC CSG	http://www.eia.gov/electricity/data/browser/	3
United States of America	Westmont 401	http://www.eia.gov/electricity/data/browser/	3
United States of America	Union HS at Casa Grande	http://www.eia.gov/electricity/data/browser/	2
United States of America	Solar Photovoltaic Project #32	http://www.eia.gov/electricity/data/browser/	2
United States of America	Ajax Solar	http://www.eia.gov/electricity/data/browser/	5

United States of America	Harmon DC Totowa NJ	http://www.eia.gov/electricity/data/browser/	2
United States of America	Lakeland Solar Energy LLC	http://www.eia.gov/electricity/data/browser/	2
United States of America	Merck	http://www.eia.gov/electricity/data/browser/	2
United States of America	Flemming Solar Center LLC	http://www.eia.gov/electricity/data/browser/	5
United States of America	Rincon Solar I	http://www.eia.gov/electricity/data/browser/	18

United States of America	White Oak Solar LLC	http://www.eia.gov/electricity/data/browser/	77
United States of America	Paradise Valley H.S. PV	http://www.eia.gov/electricity/data/browser/	1
United States of America	BWC Gibbs Brook	http://www.eia.gov/electricity/data/browser/	4
United States of America	Rockville Solar II LLC	http://www.eia.gov/electricity/data/browser/	3
United States of America	Marin Clean Energy Solar One	http://www.eia.gov/electricity/data/browser/	11

United States of America	Warsaw Farm	http://www.eia.gov/electricity/data/browser/	65
United States of America	Silver Lake Solar Photovoltaic Facility	http://www.eia.gov/electricity/data/browser/	2
United States of America	Midway Solar - TX	http://www.eia.gov/electricity/data/browser/	182
United States of America	AES Ilumina	http://www.pv-tech.org/news/aes_solar_closes_financing_on_24mw_pv_power_plant_in_puerto_rico_constructi	24
United States of America	Braley Road 2	http://www.eia.gov/electricity/data/browser/	3

United States of America	NHA at Mansfield NJ	http://www.eia.gov/electricity/data/browser/	5
United States of America	Meadow Solar	http://www.eia.gov/electricity/data/browser/	3
United States of America	Kearsarge Granby	http://www.eia.gov/electricity/data/browser/	3
United States of America	Bladen Solar	http://www.eia.gov/electricity/data/browser/	50
United States of America	Beacon Solar Plant Site 2	http://www.eia.gov/electricity/data/browser/	47

United States of America	Hamilton Solar-Crosswicks	http://www.eia.gov/electricity/data/browser/	8
United States of America	Marshall Solar Farm (MO)	http://www.eia.gov/electricity/data/browser/	3
United States of America	Copper Mountain Solar 3	http://www.eia.gov/electricity/data/browser/	255
United States of America	Old Bridge Solar Farm	http://www.eia.gov/electricity/data/browser/	9
United States of America	Lake Pleasant WTP	http://www.eia.gov/electricity/data/browser/	7

United States of America	Woodland Church Farm	http://www.eia.gov/electricity/data/browser/	5
United States of America	BlueWave Capital - Grafton (SREC II)	http://www.eia.gov/electricity/data/browser/	1
United States of America	Morgantown Solar Park	http://www.eia.gov/electricity/data/browser/	2
United States of America	Stone Hill Solar CSG	http://www.eia.gov/electricity/data/browser/	2
United States of America	Sarah Solar	http://www.eia.gov/electricity/data/browser/	5

United States of America	Fort Rucker Solar Array	http://www.eia.gov/electricity/data/browser/	11
United States of America	Scott Solar Farm	http://www.eia.gov/electricity/data/browser/	17
United States of America	BWC Origination 18	http://www.eia.gov/electricity/data/browser/	5
United States of America	Mt. Tom Solar Project Hybrid	http://www.eia.gov/electricity/data/browser/	8
United States of America	Phoenix Solar South Farms LLC Solar Farm	http://www.eia.gov/electricity/data/browser/	5

United States of America	Hadley Solar NG LLC	http://www.eia.gov/electricity/data/browser/	3
United States of America	IKEA Las Vegas 462	http://www.eia.gov/electricity/data/browser/	1
United States of America	Cornerstone Power Holmdel LLC	http://www.eia.gov/electricity/data/browser/	3
United States of America	Loiza Solar Park	http://www.eosolenergy.com/proyectos.html	26
United States of America	Kearsarge Concord II	http://www.eia.gov/electricity/data/browser/	5

United States of America	Calverton	http://www.eia.gov/electricity/data/browser/	4
United States of America	Salinas	http://www.sonnedix.com/news/sonnedix-and-yarotek-announce-start-of-construction-of-58mw-solar-farm-in-puerto-rico/	16
United States of America	Florence Solar W3-080 LLC	http://www.eia.gov/electricity/data/browser/	8
United States of America	Cohasse Solar LLC CSG	http://www.eia.gov/electricity/data/browser/	1
United States of America	MF Mesa Lane LLC	http://www.eia.gov/electricity/data/browser/	3

United States of America	Westford Solar Park	http://www.eia.gov/electricity/data/browser/	4
United States of America	Manalapan Village Solar	http://www.eia.gov/electricity/data/browser/	4
United States of America	Dublin Solar I	http://www.eia.gov/electricity/data/browser/	4
United States of America	Acushnet Hawes Reed Road	http://www.eia.gov/electricity/data/browser/	1
United States of America	Angier Farm	http://www.eia.gov/electricity/data/browser/	5

United States of America	Seaboard Solar LLC	http://www.eia.gov/electricity/data/browser/	5
United States of America	Comanche Solar	http://www.eia.gov/electricity/data/browser/	120
United States of America	Solar Photovoltaic Project #11	http://www.eia.gov/electricity/data/browser/	4
United States of America	Silvi Gibraltar Rock	http://www.eia.gov/electricity/data/browser/	3
United States of America	Westmont 400A	http://www.eia.gov/electricity/data/browser/	2

United States of America	Moncure Farm LLC	http://www.eia.gov/electricity/data/browser/	3
United States of America	Chisago Community Solar	http://www.eia.gov/electricity/data/browser/	4
United States of America	Cranberry Solar	http://www.eia.gov/electricity/data/browser/	1
United States of America	Soluga Farms 2 LLC	http://www.eia.gov/electricity/data/browser/	5
United States of America	DG Tufts Science LLC CSG	http://www.eia.gov/electricity/data/browser/	1

United States of America	Rensselaer Solar Site 2	http://www.eia.gov/electricity/data/browser/	4
United States of America	ACE-Stanton PV	http://www.eia.gov/electricity/data/browser/	5
United States of America	Kearsarge Montague	http://www.eia.gov/electricity/data/browser/	4
United States of America	Mocksville Farm	http://www.eia.gov/electricity/data/browser/	5
United States of America	Moapa Southern Paiute	http://www.eia.gov/electricity/data/browser/	250

United States of America	Dayton Cutoff Solar	http://www.eia.gov/electricity/data/browser/	2
United States of America	White River Solar	http://www.eia.gov/electricity/data/browser/	20
United States of America	Hartz Way	http://www.eia.gov/electricity/data/browser/	1
United States of America	Bullock Solar LLC	http://www.eia.gov/electricity/data/browser/	50
United States of America	Crestwood Solar Center LLC	http://www.eia.gov/electricity/data/browser/	5

United States of America	Coral Farms Solar Energy Center	http://www.eia.gov/electricity/data/browser/	75
United States of America	Cedar Falls Solar Farm	http://www.eia.gov/electricity/data/browser/	2
United States of America	Nordhoff Place	http://www.eia.gov/electricity/data/browser/	1
United States of America	Chaves Solar LLC	http://www.eia.gov/electricity/data/browser/	70
United States of America	Lockheed Martin Solar System	http://www.eia.gov/electricity/data/browser/	2

United States of America	Upson Rocky Creek Solar Plant	http://www.eia.gov/electricity/data/browser/	1
United States of America	Haverhill Solar Power Project	http://www.eia.gov/electricity/data/browser/	1
United States of America	Brewster Landfill	http://www.eia.gov/electricity/data/browser/	1
United States of America	Camp Solar Plant	http://www.eia.gov/electricity/data/browser/	2
United States of America	Industry MetroLink PV 1	http://www.eia.gov/electricity/data/browser/	2

United States of America	Hecate Energy Beacon Solar 4	http://www.eia.gov/electricity/data/browser/	50
United States of America	Holland Solar	http://www.eia.gov/electricity/data/browser/	3
United States of America	2555 E Olympic Bl	http://www.eia.gov/electricity/data/browser/	1
United States of America	DG Tufts Knoll LLC CSG	http://www.eia.gov/electricity/data/browser/	2
United States of America	Griffin Road Solar LLC CSG	http://www.eia.gov/electricity/data/browser/	2

United States of America	EBZ Solar	http://www.eia.gov/electricity/data/browser/	3
United States of America	Progress Solar II LLC	http://www.eia.gov/electricity/data/browser/	4
United States of America	Iron Horse Solar 4 LLC	http://www.eia.gov/electricity/data/browser/	5
United States of America	Southern Sky Renew Energy Berkley LLC	http://www.eia.gov/electricity/data/browser/	3
United States of America	Guadalupe Solar Farm	http://www.eia.gov/electricity/data/browser/	2

United States of America	North Gainesville Solar	http://www.eia.gov/electricity/data/browser/	5
United States of America	Beaver Run	http://www.eia.gov/electricity/data/browser/	7
United States of America	White Pine Solar LLC	http://www.eia.gov/electricity/data/browser/	101
United States of America	Golden Fields Solar I LLC	http://www.eia.gov/electricity/data/browser/	54
United States of America	Kearsarge SKSC1 LLC	http://www.eia.gov/electricity/data/browser/	4

United States of America	Edwards Air Force Base	http://www.eia.gov/electricity/data/browser/	3
United States of America	Solar Photovoltaic Project #16	http://www.eia.gov/electricity/data/browser/	2
United States of America	Copper Mountain Solar 2	http://www.eia.gov/electricity/data/browser/	154
United States of America	NorWest Energy 2 LLC	http://www.eia.gov/electricity/data/browser/	10
United States of America	Hastings Solar	http://www.eia.gov/electricity/data/browser/	5

United States of America	Simon Solar Farm LLC	http://www.eia.gov/electricity/data/browser/	30
United States of America	Trinity Solar	http://www.eia.gov/electricity/data/browser/	5
United States of America	Vickers	http://www.eia.gov/electricity/data/browser/	2
United States of America	PFMG Solar Grossmont Helix LLC	http://www.eia.gov/electricity/data/browser/	1
United States of America	Boaz Farm Solar	http://www.eia.gov/electricity/data/browser/	5

United States of America	Sophie Solar	http://www.eia.gov/electricity/data/browser/	5
United States of America	Summit Water Nexus Mt. Holly LLC Solar	http://www.eia.gov/electricity/data/browser/	1
United States of America	RE Astoria 2	http://www.eia.gov/electricity/data/browser/	75
United States of America	Candace Solar	http://www.eia.gov/electricity/data/browser/	5
United States of America	Rock Solid	http://www.eia.gov/electricity/data/browser/	8

United States of America	Eagle Point Solar	http://www.eia.gov/electricity/data/browser/	10
United States of America	Innovative Solar 26 LLC	http://www.eia.gov/electricity/data/browser/	2
United States of America	Waihonu South Solar	http://www.eia.gov/electricity/data/browser/	2
United States of America	Garrell Solar Farm	http://www.eia.gov/electricity/data/browser/	5
United States of America	Old Catawba PV 1	http://www.eia.gov/electricity/data/browser/	4

United States of America	Hattiesburg Solar Farm	http://www.eia.gov/electricity/data/browser/	50
United States of America	Alethea I	http://www.eia.gov/electricity/data/browser/	3
United States of America	Adams Solar	http://www.eia.gov/electricity/data/browser/	1
United States of America	South Atlantic Services Solar Farm I	http://www.eia.gov/electricity/data/browser/	2
United States of America	BWC Pocasset River	http://www.eia.gov/electricity/data/browser/	2

United States of America	Durham Solar	http://www.eia.gov/electricity/data/browser/	4
United States of America	Ludlow Site 72 - Conti	http://www.eia.gov/electricity/data/browser/	2
United States of America	Innovative Solar 43 LLC	http://www.eia.gov/electricity/data/browser/	51
United States of America	Watson Seed Farm PV1	http://www.eia.gov/electricity/data/browser/	20
United States of America	Gore Mountain Solar II	http://www.eia.gov/electricity/data/browser/	2

United States of America	WaveSun Community Solar	http://www.eia.gov/electricity/data/browser/	5
United States of America	Charlotte Solar	http://www.eia.gov/electricity/data/browser/	5
United States of America	Lafayette DPC Solar	http://www.eia.gov/electricity/data/browser/	1
United States of America	Pemberton Road I	http://www.eia.gov/electricity/data/browser/	9
United States of America	ACE-Stanton A PV	http://www.eia.gov/electricity/data/browser/	4

United States of America	Southern Current One LLC	http://www.eia.gov/electricity/data/browser/	10
United States of America	Concord Farm	http://www.eia.gov/electricity/data/browser/	5
United States of America	Hemlock Solar	http://www.eia.gov/electricity/data/browser/	5
United States of America	Northfield Community Solar	http://www.eia.gov/electricity/data/browser/	5
United States of America	Solar Las Vegas MB 2 LLC	http://www.eia.gov/electricity/data/browser/	2

United States of America	Hellyer Solar Farm	http://www.eia.gov/electricity/data/browser/	2
United States of America	Selmer I	http://www.eia.gov/electricity/data/browser/	16
United States of America	Payne Creek Solar	http://www.eia.gov/electricity/data/browser/	70
United States of America	Wright Cuddyer CSG	http://www.eia.gov/electricity/data/browser/	4
United States of America	RP-Orlando LLC	http://www.eia.gov/electricity/data/browser/	5

United States of America	Port Allen Solar	http://www.eia.gov/electricity/data/browser/	6
United States of America	Webberville Solar Project	http://www.eia.gov/electricity/data/browser/	30
United States of America	Buddy Solar	http://www.eia.gov/electricity/data/browser/	4
United States of America	Walpole Solar 2	http://www.eia.gov/electricity/data/browser/	2
United States of America	Camp Lejeune Solar	http://www.eia.gov/electricity/data/browser/	13

United States of America	Berkley East Solar LLC	http://www.eia.gov/electricity/data/browser/	3
United States of America	CentraState Medical Center PV Facility	http://www.eia.gov/electricity/data/browser/	5
United States of America	XPF Solar Field	http://www.eia.gov/electricity/data/browser/	3
United States of America	Sun Devil Solar	http://www.eia.gov/electricity/data/browser/	5
United States of America	Westminster Renewables LLC CSG	http://www.eia.gov/electricity/data/browser/	2

United States of America	Graham Solar Center LLC	http://www.eia.gov/electricity/data/browser/	5
United States of America	Manchester Community College East	http://www.eia.gov/electricity/data/browser/	1
United States of America	Estill Solar II	http://www.eia.gov/electricity/data/browser/	10
United States of America	Cohen Farm Solar LLC	http://www.eia.gov/electricity/data/browser/	5
United States of America	Lower Cape May HS	http://www.eia.gov/electricity/data/browser/	2

United States of America	Preferred Freezer San Leandro	http://www.eia.gov/electricity/data/browser/	2
United States of America	DeSoto Next Generation Solar Energy	http://www.eia.gov/electricity/data/browser/	25
United States of America	Colton Solar	http://www.eia.gov/electricity/data/browser/	2
United States of America	Elliana Solar	http://www.eia.gov/electricity/data/browser/	5
United States of America	Medford WWTP	http://www.eia.gov/electricity/data/browser/	1

United States of America	Dartmouth Solar	http://www.eia.gov/electricity/data/browser/	2
United States of America	Rantoul Solar	http://www.eia.gov/electricity/data/browser/	1
United States of America	Solar Photovoltaic Project #05	http://www.eia.gov/electricity/data/browser/	3
United States of America	CMEEC - Norwich Stott St Solar Hybrid	http://www.eia.gov/electricity/data/browser/	4
United States of America	Monroeville Solar	http://www.eia.gov/electricity/data/browser/	3

United States of America	Livingston Solar Canopies	http://www.eia.gov/electricity/data/browser/	7
United States of America	Flint Hill Solar LLC	http://www.eia.gov/electricity/data/browser/	5
United States of America	Sullivan Solar	http://www.eia.gov/electricity/data/browser/	2
United States of America	McCallum Farm	http://www.eia.gov/electricity/data/browser/	5
United States of America	Montrose Solar	http://www.eia.gov/electricity/data/browser/	4

United States of America	Meeks Solar LLC	http://www.eia.gov/electricity/data/browser/	2
United States of America	Kinsley Landfill Solar	http://www.eia.gov/electricity/data/browser/	9
United States of America	Cottage Grove Project CSG	http://www.eia.gov/electricity/data/browser/	5
United States of America	Stone Solar	http://www.eia.gov/electricity/data/browser/	5
United States of America	Central Antelope Dry Ranch B LLC	http://www.eia.gov/electricity/data/browser/	3

United States of America	Manzano Solar	http://www.eia.gov/electricity/data/browser/	8
United States of America	GM Lordstown Assembly Solar Array	http://www.eia.gov/electricity/data/browser/	2
United States of America	Goya Foods Inc-Jersey City Solar	http://www.eia.gov/electricity/data/browser/	3
United States of America	Acton Solar Landfill	http://www.eia.gov/electricity/data/browser/	2
United States of America	Kinston Solar	http://www.eia.gov/electricity/data/browser/	5

United States of America	Walton 1 Solar Facility	http://www.eia.gov/electricity/data/browser/	2
United States of America	True North	http://www.eia.gov/electricity/data/browser/	5
United States of America	South Winston Farm LLC	http://www.eia.gov/electricity/data/browser/	5
United States of America	Sudbury Landfill	http://www.eia.gov/electricity/data/browser/	1
United States of America	Hampton Solar 2	http://www.eia.gov/electricity/data/browser/	20

United States of America	Day Four Solar LLC	http://www.eia.gov/electricity/data/browser/	5
United States of America	Indian Orchard PV Facility	http://www.eia.gov/electricity/data/browser/	2
United States of America	Junction Road	http://www.eia.gov/electricity/data/browser/	4
United States of America	Keen Farm	http://www.eia.gov/electricity/data/browser/	5
Uruguay	LA JACINTA	https://www.ute.com.uy/SgePublico/mapa.aspx	50
Uruguay	YARNEL	https://www.ute.com.uy/SgePublico/mapa.aspx	10

Table S3 Classification for solar PV plants with unexpectedly higher or lower land-use Efficiency (LUE), through initial spatial analysis.

Unusual case type	**Case Number**	**Lost Area (km^2)**	**Ground-truthing approach**
MP: Missing polygons, compared with satellite data (from google earth engine)	69	69	Enhancing by incorporating the outlines from Google Earth imagery
DP: PV plants have been decommissioned	33	—	Deleting from the log
SM: Shape mismatch error	427	132	Refining the panels' shape by consulting the Google Earth image
IA: The Spatial Join incompletely captured PV areas	746	127	Revising by addressing and completing the missing portions
OC: Outdated capacity	334	—	Updating the capacity by referring to the developers' websites
In total	1609	328	

Note: there are seven plants which are categorized into two case types, therefore the sum number for unusual cases is 1,609 rather than the number of plants with unusual LUE (1602).

Table S4 Capacity-weighted solar land-use efficiency (LUE) across nations.

National results	Weighted average LUE (W/m^2)	LUE: 25-percentile (W/m^2)	LUE: 50-percentile (W/m^2)	LUE: 75-percentile (W/m^2)	Standard deviation (W/m^2)
AE	37	37	45	55	13
AR	44	9	28	47	27
AT	35	35	35	35	0
AU	53	40	57	67	26
BF	60	60	60	60	0
BG	58	45	52	56	11
BR	38	38	38	38	0
BY	54	54	55	56	1
CA	46	33	39	54	18
CH	76	76	76	76	0
CL	75	41	48	74	30
CN	49	35	43	52	20
CV	71	71	71	71	0
CZ	53	38	45	54	29
DE	63	40	53	71	41
DK	67	43	74	82	26
DO	81	81	81	81	0
DZ	74	48	55	66	15
EG	57	57	57	57	0
ES	59	30	42	55	263
FR	92	51	68	95	53
GB	73	48	63	82	38
GR	68	45	54	61	42
GU	52	52	52	52	0
HN	83	37	46	99	34
HU	76	45	66	89	29
IL	58	56	68	74	15
IN	65	42	53	65	32
IT	65	41	49	64	31
JO	39	24	40	54	17
JP	68	40	60	73	32
KH	66	44	58	72	20
KR	39	32	40	57	17
LC	76	76	76	76	0
LK	105	105	105	105	0
MG	93	93	93	93	0
MN	43	34	46	57	17
MR	93	36	67	99	44

MU	62	50	50	77	21
MX	49	29	60	76	34
MY	65	19	77	93	53
NA	77	36	58	81	32
NL	86	40	49	85	36
PA	48	41	48	56	11
PE	29	27	29	31	3
PH	78	44	82	92	35
PK	75	75	75	75	0
PL	72	54	67	82	21
PR	81	54	94	97	31
PS	66	66	66	66	0
PT	54	32	45	60	24
RO	59	38	52	61	22
RU	76	49	57	63	20
SA	94	94	94	94	0
SK	40	33	48	63	22
SN	64	46	71	74	21
SR	92	92	92	92	0
SV	69	51	61	81	24
TH	51	45	54	68	17
TR	78	53	58	71	33
UA	56	49	55	56	8
UG	65	65	65	65	0
US	48	37	47	60	30
UY	58	56	59	65	7
ZA	61	43	59	75	30
World	57	38	50	64	56

Table S5 Generation-weighted solar land transformation (LT, with 2017 as the base-year) across nations.

National results	Weighted average LT (m^2/ GWh)	LT: 25-percentile (m^2/ GWh)	LT: 50-percentile (m^2/ GWh)	LT: 75-percentile (m^2/ GWh)	Standard deviation (m^2/ GWh)
AE	12	8	10	12	3
AR	11	8	29	51	30
AT	21	21	21	21	0
AU	9	7	8	12	12
BF	8	8	8	8	0
BG	11	11	12	15	3
BR	11	11	11	11	0
BY	13	13	13	13	0
CA	17	14	18	21	6
CH	9	9	9	9	0
CL	7	6	9	11	8
CN	14	12	15	17	15
CV	6	6	6	6	0
CZ	16	14	17	20	8
DE	13	10	13	18	8
DK	12	8	9	18	6
DO	6	6	6	6	0
DZ	8	8	11	12	2
EG	8	8	8	8	0
ES	12	9	11	17	31
FR	9	6	9	11	7
GB	11	8	10	13	23
GR	9	8	10	12	4
GU	8	8	8	8	0
HN	8	6	8	11	4
HU	10	8	10	15	5
IL	13	7	8	9	5
IN	9	7	9	12	8
IT	11	8	11	14	10
JO	11	9	12	20	6
JP	12	7	10	15	18
KH	9	8	10	13	3
KR	15	10	14	20	6
LC	7	7	7	7	0
LK	5	5	5	5	0
MG	5	5	5	5	0
MN	16	11	16	20	6
MR	5	4	10	17	9

MU	6	5	5	8	2
MX	8	5	6	7	2
MY	23	6	8	29	30
NA	5	5	9	12	5
NL	10	9	14	17	5
PA	12	10	12	14	3
PE	13	12	13	14	1
PH	11	6	7	14	8
PK	8	8	8	8	0
PL	11	8	13	24	9
PR	6	4	4	10	7
PS	7	7	7	7	0
PT	10	8	10	17	20
RO	13	10	13	17	8
RU	10	11	11	13	6
SA	4	4	4	4	0
SK	19	11	16	21	7
SN	7	6	6	11	4
SR	6	6	6	6	0
SV	7	6	7	9	2
TH	12	8	10	13	6
TR	9	7	9	10	7
UA	12	12	12	14	3
UG	7	7	7	7	0
US	13	9	12	16	10
UY	9	8	9	10	1
ZA	8	6	6	10	7
World	12	9	12	16	14

Table S6 Generation-weighted solar land transformation (LT, lifetime) across nations.

National results	Weighted average LT (m^2/ GWh)	LT: 25-percentile (m^2/ GWh)	LT: 50-percentile (m^2/ GWh)	LT: 75-percentile (m^2/ GWh)	Standard deviation (m^2/ GWh)
AE	360	277	325	404	86
AR	339	278	1018	1758	1046
AT	602	669	669	669	0
AU	290	219	279	384	397
BF	216	241	241	241	0
BG	341	375	403	498	117
BR	309	343	343	343	0
BY	376	413	416	419	4
CA	506	448	592	693	182
CH	274	305	305	305	0
CL	221	198	302	389	263
CN	426	391	494	585	512
CV	193	215	215	215	0
CZ	484	455	543	645	279
DE	403	319	435	579	266
DK	370	283	314	610	206
DO	165	183	183	183	0
DZ	255	256	380	399	74
EG	233	258	258	258	0
ES	369	306	386	541	1058
FR	276	207	294	384	244
GB	349	266	348	453	765
GR	284	287	337	410	147
GU	238	264	264	264	0
HN	271	210	298	477	185
HU	289	254	331	514	178
IL	526	233	258	311	759
IN	266	247	308	401	256
IT	336	289	393	487	347
JO	346	303	391	646	210
JP	356	256	335	496	585
KH	267	260	338	417	111
KR	478	361	514	670	206
LC	199	221	221	221	0
LK	145	161	161	161	0
MG	140	156	156	156	0
MN	475	387	501	615	161
MR	146	136	348	560	300

MU	175	163	164	255	70
MX	266	176	198	261	78
MY	666	201	239	1007	1017
NA	162	160	286	413	179
NL	306	307	455	565	180
PA	367	343	408	473	92
PE	395	413	437	463	33
PH	346	208	278	461	250
PK	410	456	456	456	0
PL	354	293	384	787	288
PR	177	152	155	328	216
PS	212	236	236	236	0
PT	300	259	345	520	545
RO	403	350	423	552	264
RU	291	350	382	419	196
SA	128	142	142	142	0
SK	553	367	531	696	233
SN	216	189	193	362	131
SR	159	176	176	176	0
SV	202	183	246	288	74
TH	350	268	326	412	173
TR	260	240	311	339	239
UA	360	389	415	455	91
UG	218	242	242	242	0
US	392	312	398	515	358
UY	264	267	289	301	25
ZA	283	195	239	343	225
World	368	300	400	537	457

Table S7 Definitions and synergistic outcomes of 16 TESs for solar development.

TES type	TES definition	Land-sparing and economic outcomes
TES #1: Utilization of degraded and contaminated land for solar energy	Repurposing degraded or contaminated land, such as brownfields or abandoned industrial sites, for solar energy generation. This TES not only helps to revitalize unused or environmentally damaged areas but also provides clean energy production, contributing to sustainable development goals. By installing solar panels on such lands, it mitigates further environmental degradation while simultaneously harnessing renewable energy resources. This dual-purpose utilization demonstrates an innovative way to address both environmental and energy challenges simultaneously.	Developing solar power on contaminated and disturbed lands can help create jobs and revitalize local and state economies.[15]
TES #2: Solar energy generation coupled with ecological restoration and/or pollinator habitat	It represents the integration of solar energy generation infrastructure with ecological restoration practices and the creation of habitats for pollinators. It aims to maximize the benefits of solar energy production while concurrently enhancing biodiversity, promoting ecosystem health, and supporting pollinator populations. By combining renewable energy development with environmental stewardship, solar eco-restoration represents a sustainable and multifunctional land-use strategy that addresses both energy needs and ecological conservation goals.	1. TES #2 could increase the production for soybeans, almonds and cranberries[16]. 2. Creating pollinator habitats at the 217 utility-scale solar facilities in the states could support adjacent 80,000 hectares of high pollinator dependent crops, which could potentially generate a pollination value of $120 to $264 million USD[17]. 3. TES #2 contributes to the "energy-economic-ecosystem wins."[18]

TES #3: Co-located/hybrid renewable energy systems	The integration of multiple renewable energy sources at a single location to optimize energy generation efficiency and reliability. This approach typically combines different types of renewable energy technologies, such as solar, wind, hydro, or geothermal, to harness their complementary characteristics and maximize overall energy output.	1. The hybrid energy system could increase the energy system robustness and reliability, better meeting demand loads under uncertain climates[19]. 2. The output shortage and power curtailment could be reduced, and the resource utilization efficiency could be enhanced under the optimal operations for the hybrid system[20].
TES #4: Centre-pivot agriculture systems with solar corners	The land situated at the corners of center-pivot irrigation (CPI) fields presents ideal opportunities for the installation of photovoltaic solar panels[21].	
TES #5: Agrivoltaic systems	Solar panels are installed above ground-level crops, providing shade and reducing water evaporation, which can benefit plant growth.	PV arrays can potentially enhance crop yields by providing shading[22, 23].
TES #6: Rangevoltaic systems and intensive animal–solar energy systems	Deploying solar panels over grazing land or range areas where livestock, such as cattle or sheep, are raised. Intensive animal-solar energy systems help reduce the environmental footprint of animal farming by utilizing clean energy sources while supporting livestock production.	The shields could enhance both the quantity and quality of commodities such as milk, while also eliminating the necessity for expensive and labor-intensive vegetation management practices [24].
TES #7: Solar-powered drip irrigation systems	Agricultural irrigation systems that utilize solar energy to power the water pumps and distribution mechanisms. In these systems, solar panels are used to capture sunlight and convert it into electricity, which is then used to operate pumps that draw water from a water source (such as a	1. TES #7 could augment water-use efficiency gains and thus can reduce operational costs where water is priced[25]. 2. TES #7 systems are generally not utilized by smallholder farmers

	well or reservoir) and distribute it through drip irrigation lines to individual plants or crops.	because they are cost prohibitive[26].
TES #8: Floatovoltaics and solar water canals	The installation of solar panels on bodies of water, such as reservoirs, lakes, or ponds. Instead of occupying land space, solar panels are mounted on floating platforms, allowing them to generate electricity while also reducing water evaporation and algae growth.	1. The initial investment cost of the floatovoltaics system was approximately 1.2 times higher than that of a comparable traditional land-based photovoltaic system[27]. 2. The cost of a 100-kWp floatovoltaics system is approximately 30% higher than that of a traditional grid-connected photovoltaic system[28]. 3.It indicates a 30% cost increase for the hybrid hydro-floatovoltaics system compared with an equivalent land-based photovoltaic system[29]. 4. The high power-generation efficiency and short investment payback period make the floatovoltaics system competitive[30, 31]. 5. Although the average energy cost of the floatovoltaics is slightly higher than that of land-based photovoltaics, their price is still lower compared with conventional power-generation projects[32]. 6. The floatovoltaics system could reduce evaporative loss when integrated over hydroelectric reservoirs[33].

		7. TES #7 has the potential to decrease incoming solar radiation, thereby reducing algae growth and mitigating the requirement for filtering reservoir intakes[34].
TES #9: Solar energy desalination and water treatment	Using solar power to purify saline or contaminated water, making it suitable for various uses, including drinking, agriculture, and industrial processes.	While photovoltaic-powered reverse osmosis stands out as the leading technology, the current cost of water is several times higher than that produced by fossil fuel-based processes. The most cost-effective scenario typically involves large-scale plants situated in regions with abundant sunlight and access to low-salinity feedwater. Among 154 countries explored, 27 countries indicate it is highly applicable for solar desalination where fresh water scarcity and stress are problematic, solar energy is abundant, and saline feedwater is readily available; while 57 countries indicate that solar desalination is essentially not applicable[35].
TES #10: Utilization of surfaces within the built environment	The strategic use of various structures and spaces within urban or developed areas for specific purposes, such as energy generation, environmental enhancement, or functional optimization. This concept involves maximizing the potential of surfaces like	Building-integrated PV has high initial investment capital costs yet decrease with time and it indicates that government support and incentives are required in order to promote wider BIPV application[36].

	rooftops, walls, facades, and pavements to serve additional functions beyond their primary roles in construction and infrastructure.	
TES #11: "Rooftop revolution" (Rooftop surfaces for solar energy)	A transformative movement towards the widespread adoption of rooftop surfaces for solar energy generation. It signifies a shift in energy infrastructure and urban planning, where rooftops of buildings, both residential and commercial, are increasingly utilized as sites for installing solar panels to generate electricity from sunlight.	Despite the fact that large ground-based systems require heavier mounting structures and occupy land, their prices are lower than small-scale rooftop systems due to efficient installation methods and bulk purchasing [37, 38, 39].
TES #12: Solar heat harvesting for cooling and hot water	Using solar energy to capture heat from sunlight and utilizing it for both cooling and heating purposes in buildings or residential homes.	The corresponding heating requirements for a solar heating system can be reduced by 80% in a blind-equipped commercial greenhouse compared with a conventional greenhouse[40].
TES #13: Solar energy and energy storage	The combination of solar power generation with storage technologies to store excess energy produced during sunny periods for later use when sunlight is unavailable or insufficient.	Given the current costs and technical specifications, Vanadium redox flow batteries exhibit a lower levelized cost of delivery compared to Lithium-ion batteries at low discount rates for energy storage applications in photovoltaic systems. Additionally, the marginal levelized cost of energy indicates that integrating energy storage can decrease overall system costs[41].
TES #14: PV on transportation vehicles	The integration of PV solar panels onto various modes of	Currently, the most economically feasible

	transportation, such as cars, buses, trucks, trains, boats, and even aircraft. These solar panels are typically mounted on the exterior surfaces of the vehicle, such as the roof, hood, or sides, where they can capture sunlight and convert it into electricity.	and practical hybrid electric vehicle (HEV) system entails charging plug-in HEVs at stationary PV solar installations[33].
TES #15: Solar cookers, drying systems, and passive solar greenhouses	(1) Solar cookers harness sunlight to heat and cook food without the need for conventional fuel sources such as gas or electricity. (2) Solar drying systems use solar energy to remove moisture from agricultural products, fruits, vegetables, grains, and herbs, preserving them for longer periods. (3) Passive solar greenhouses are structures designed to capture and retain solar energy to create a favorable environment for plant growth throughout the year.	The application of solar drying technologies in the food production process provides farmers greater control of storage conditions that reduce postharvest food losses, improve food quality[42].
TES #16: PV integrated with rainwater harvesting	A combined system that integrates PV solar panels with rainwater harvesting infrastructure to maximize resource efficiency and sustainability in buildings or other structures.	TES #16 could offset energy costs for lifting water to upper floors[33].

Note: we found less literature supports regarding the economics for TES #4.

References

1. Heath G*, et al.* Environmental and circular economy implications of solar energy in a decarbonized US grid.). National Renewable Energy Lab.(NREL), Golden, CO (United States) (2022).

2. Cagle AE, Shepherd M, Grodsky SM, Armstrong A, Jordaan SM, Hernandez RR. Standardized metrics to quantify solar energy-land relationships: a global systematic review. *Frontiers in Sustainability* **3**, 1035705 (2023).

3. Lovering J, Swain M, Blomqvist L, Hernandez RR. Land-use intensity of electricity production and tomorrow's energy landscape. *PLoS One* **17**, e0270155 (2022).

4. Trainor AM, McDonald RI, Fargione J. Energy sprawl is the largest driver of land use change in United States. *PloS one* **11**, e0162269 (2016).

5. Arent D*, et al.* Implications of high renewable electricity penetration in the US for water use, greenhouse gas emissions, land-use, and materials supply. *Applied Energy* **123**, 368-377 (2014).

6. Fthenakis V, Kim HC. Land use and electricity generation: A life-cycle analysis. *Renewable and Sustainable Energy Reviews* **13**, 1465-1474 (2009).

7. Mai T*, et al.* Renewable electricity futures study. Volume 1: Exploration of high-penetration renewable electricity futures.). National Renewable Energy Lab.(NREL), Golden, CO (United States) (2012).

8. Ong S, Campbell C, Denholm P, Margolis R, Heath G. Land-use requirements for solar power plants in the United States.). National Renewable Energy Lab.(NREL), Golden, CO (United States) (2013).

9. Allen MF, McHughen A. Solar Power in the Desert: Are the current large-scale solar developments really improving California's environment? , (2011).

10. Copeland HE, Pocewicz A, Kiesecker JM. Geography of energy development in western North America: potential impacts on terrestrial ecosystems. In: *Energy development and wildlife conservation in Western North America*). Springer (2011).

11. Pimentel D*, et al.* Renewable Energy: Current and Potential Issues: Renewable energy technologies could, if developed and implemented, provide nearly 50% of US energy needs; this would require about 17% of US land resources. *Bioscience* **52**, 1111-1120 (2002).

12. Bravo JD, Casals XG, Pascua IP. GIS approach to the definition of capacity and generation ceilings of renewable energy technologies. *Energy Policy* **35**, 4879-4892 (2007).

13. Denholm P, Margolis R. Regional per capita solar electric footprint for the United States.). National Renewable Energy Lab.(NREL), Golden, CO (United States) (2007).

14. Hernandez RR, Hoffacker MK, Field CB. Land-use efficiency of big solar. *Environmental science & technology* **48**, 1315-1323 (2014).

15. Macknick J, Lee C, Mosey G, Melius J. Solar Development on Contaminated and Disturbed Lands.). National Renewable Energy Lab.(NREL), Golden, CO (United States) (2013).

16. Walston LJ, Mishra SK, Hartmann HM, Hlohowskyj I, McCall J, Macknick J. Examining the potential for agricultural benefits from pollinator habitat at solar facilities in the United States. *Environmental Science & Technology* **52**, 7566-7576 (2018).

17. Mishra SK, Zhu M, Bernknopf RL, Walston LJ. Valuation of pollination services from habitat management: a case study of utility scale solar energy facilities in the United States. *Environmental Research Communications* **5**, 065006 (2023).

18. Armstrong A, Brown L, Davies G, Whyatt JD, Potts SG. Honeybee pollination benefits could inform solar park business cases, planning decisions and environmental sustainability targets. *Biological Conservation* **263**, 109332 (2021).

19. Jiang J*, et al.* Hybrid generation of renewables increases the energy system's robustness in a changing climate. *Journal of Cleaner Production* **324**, 129205 (2021).

20. Huang K, Liu P, Ming B, Kim J-S, Gong Y. Economic operation of a wind-solar-hydro complementary system considering risks of output shortage, power curtailment and spilled water. *Applied Energy* **290**, 116805 (2021).

21. Roberts B. Potential for Photovoltaic Solar Installation in Non-Irrigated Corners of Center Pivot Irrigation Fields in the State of Colorado.). National Renewable Energy Lab.(NREL), Golden, CO (United States) (2011).

22. Majumdar D, Pasqualetti MJ. Dual use of agricultural land: Introducing 'agrivoltaics' in Phoenix Metropolitan Statistical Area, USA. *Landscape and urban planning* **170**, 150-168 (2018).

23. Marrou H, Dufour L, Wery J. How does a shelter of solar panels influence water flows in a soil–crop system? *European Journal of Agronomy* **50**, 38-51 (2013).

24. Nsc B. Planning Guidance for the Development of Large Scale Ground Mounted Solar PV Systems. (2013).

25. Burney J, Woltering L, Burke M, Naylor R, Pasternak D. Solar-powered drip irrigation enhances food security in the Sudano–Sahel. *Proceedings of the National Academy of Sciences* **107**, 1848-

1853 (2010).

26. Sheline C. Lowering the cost of solar-powered drip irrigation systems for smallholder farmers through systems-level modeling, optimization, and field testing.). Massachusetts Institute of Technology (2019).

27. Sahu A, Yadav N, Sudhakar K. Floating photovoltaic power plant: A review. *Renewable and sustainable energy reviews* **66**, 815-824 (2016).

28. Ferrer-Gisbert C, Ferrán-Gozálvez JJ, Redón-Santafé M, Ferrer-Gisbert P, Sánchez-Romero FJ, Torregrosa-Soler JB. A new photovoltaic floating cover system for water reservoirs. *Renewable energy* **60**, 63-70 (2013).

29. Teixeira LE, Caux J, Beluco A, Bertoldo I, Louzada JAS, Eifler R. Feasibility study of a hydro PV hybrid system operating at a dam for water supply in southern Brazil. *Journal of Power and Energy Engineering Irvine, CA Vol 3, n 9 (Sept 2015), p 70-83*, (2015).

30. Rodrigues IS, Ramalho GLB, Medeiros PHA. Potential of floating photovoltaic plant in a tropical reservoir in Brazil. *Journal of Environmental Planning and Management* **63**, 2334-2356 (2020).

31. Campana PE, Wästhage L, Nookuea W, Tan Y, Yan J. Optimization and assessment of floating and floating-tracking PV systems integrated in on-and off-grid hybrid energy systems. *Solar Energy* **177**, 782-795 (2019).

32. Oliveira-Pinto S, Stokkermans J. Assessment of the potential of different floating solar technologies–Overview and analysis of different case studies. *Energy Conversion and Management* **211**, 112747 (2020).

33. Hernandez RR*, et al.* Techno–ecological synergies of solar energy for global sustainability. *Nature Sustainability* **2**, 560-568 (2019).

34. Valero JFM, Álvarez VM, Real MMG. Regionalization of the Hargreaves coefficient to estimate long-term reference evapotranspiration series in SE Spain. *Spanish Journal of Agricultural Research* **11**, 1137-1152 (2013).

35. Pugsley A, Zacharopoulos A, Mondol JD, Smyth M. Global applicability of solar desalination. *Renewable energy* **88**, 200-219 (2016).

36. Yang RJ, Zou PX. Building integrated photovoltaics (BIPV): Costs, benefits, risks, barriers and improvement strategy. *International Journal of Construction Management* **16**, 39-53 (2016).

37. de Wild-Scholten M, Alsema E, Ter Horst E, Bächler M, Fthenakis V. A cost and environmental impact comparison of grid-connected rooftop and ground-based PV systems. In: *21st European*

Photovoltaic Solar Energy Conference). Dresden Germany (2006).

38. Roy R, Pearce JM. Is small or big solar better for the environment? Comparative life cycle assessment of solar photovoltaic rooftop vs. ground-mounted systems. *The International Journal of Life Cycle Assessment* **29**, 516-536 (2024).

39. Ghosh S, Nair A, Krishnan S. Techno-economic review of rooftop photovoltaic systems: Case studies of industrial, residential and off-grid rooftops in Bangalore, Karnataka. *Renewable and Sustainable energy reviews* **42**, 1132-1142 (2015).

40. Vadiee A. Solar heating and cooling applications in agriculture and food processing systems. In: *Solar Energy Advancements in Agriculture and Food Production Systems*). Elsevier (2022).

41. Lai CS, McCulloch MD. Levelized cost of electricity for solar photovoltaic and electrical energy storage. *Applied energy* **190**, 191-203 (2017).

42. Bradford KJ*, et al.* The dry chain: Reducing postharvest losses and improving food safety in humid climates. In: *Food industry wastes*). Elsevier (2020).