

Mapping the RES potential: Report on operational and planned Renewable Energy power plants in Bulgaria (September 2024)



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	Summary						Capacity		Commissioning
	Project #	Project Name	Developer(s)/ Owner (s)	Project Status	Technology	Location	Capacity (MWe)	Generation (GWh)	Estimated COD
Onshore Wind	1	Stefanovi-Zetyovo	STEFANOVI LTD	Existing plant	Wind onshore	42.757612, 27.227028	0,3		2011
	2	Stefanovi 2-Zetyovo	STEFANOVI LTD	Existing plant	Wind onshore	42.757612, 27.227028	0,3		2014
	3	Aspi Energy 2	ASPI ENERGY LTD	Existing plant	Wind onshore	42.6,26.683	0,6		2014
	4	Aspi Energy 3	ASPI ENERGY LTD	Existing plant	Wind onshore	42.6,26.683	0,6		2014
	5	Aspi Energy 4	ASPI ENERGY LTD	Existing plant	Wind onshore	42.6,26.683	0,6		2014
	6	Eko el 1-Sini rid	EKO EL 1 LTD	Existing plant	Wind onshore	42.823564, 27.432979	0,6		2011
	6	Eko el 2-Sini rid	EKO EL 1 LTD	Existing plant	Wind onshore	42.823564, 27.432979	0,9		2013
	7	Siva voda	SIVA VODA LTD	Existing plant	Wind onshore	41.789107,23.180023	0,45		2009
	7	Siva voda - generator 2	SIVA VODA LTD	Existing plant	Wind onshore	41.789107,23.180023	0,5		2012
	8	Kamen bryag-Maksim	WIND POWER INVESTMENT AD	Existing plant	Wind onshore	43.458032,28.551111	0,6		2012
	10	Atm-Karanovo	ATM BULGARIA LTD	Existing plant	Wind onshore	42.643606,7.192791	0,4		2011
	11	Viel-Bulgarovo	VIEL INVEST LTD	Existing plant	Wind onshore	42.37,27.18	0,33		2009
	12	Lesovo 3-Ekoenergy	EKOENERGY 2011	Existing plant	Wind onshore	41.995605,26.573211	0,5		2009
	13	Lesovo 4-Ekoenergy	EKOENERGY 2011	Existing plant	Wind onshore	41.995605,26.573211	0,4		2010
	14	Andromeda 2	ECO FOOD PRODUCTION LTD	Existing plant	Wind onshore	42.38,26.59	0,6		2010
	16	Hadzhi Dimitar	EVKLIPS LTD	Existing plant	Wind onshore	43.474,28.445	1,7		2016
	17	Hrabrovo-1	WP BULGARIA 4	Existing plant	Wind onshore	43.4333,28.0167	2		2011
	18	Hrabrovo-2	MARK 1 LTD	Existing plant	Wind onshore	43.4333,28.0167	4		2011
	19	Hrabrovo-3	MARK 2 LTD	Existing plant	Wind onshore	43.4333,28.0167	4		2011
	20	Hrabrovo-4	GLOBO ENERGY LTD	Existing plant	Wind onshore	43.4333,28.0167	4		2012
	21	Hrabrovo-6	HHRABROVO WIND 2 OOD	Existing plant	Wind onshore	43.4333,28.0167	3,075		2014
	22	PST 1-Podgorets	PST ENERGY LTD	Existing plant	Wind onshore	42.50,27.24	1,5		2013
	23	PST 2-Podgorets	PST ENERGY LTD	Existing plant	Wind onshore	42.50,27.24	1,5		2014
	24	Patareshka polyana	TRAKIA EKOENEGRY EOOD	Existing plant	Wind onshore	42.632717,25.160416	5		2013
	25	18-Vranino	HAOS INVEST-1 SJSC	Existing plant	Wind onshore	43.526107,28.307535	18		2012
	26	Kavarna	EVN Bulgaria Renewables EOOD	Existing plant	Wind onshore	43.402632,28.413007	16		2012
	27	Karapelit	EKOENERGY DOBRICH 2 SJSC	Existing plant	Wind onshore	43.34,27.50	4		2012
	28	Karapelit-1	EKOENERGY DOBRICH 3 SJSC	Existing plant	Wind onshore	43.34,27.50	4		2012
	29	Karapelit-2	EKOENERGY DOBRICH 4 SJSC	Existing plant	Wind onshore	43.34,27.50	4		2012
	30	Suvorovo	MET Suvorovo Wind Park SJSC	Existing plant	Wind onshore	43.333,27.6	60		2012
	31	Contact consul	VETROCOM SJSC	Existing plant	Wind onshore	42.667504,25.409129	22,5		2012
	32	VETROCOM	VETROCOM SJSC	Existing plant	Wind onshore	42.667504,25.409129	50		2010
	33	Mogilishte-west	HAOS INVEST SJSC	Existing plant	Wind onshore	43.29,28.20	16		2010
	34	Saint Nikola (p 1)	AES GEO ENERGY LTD	Existing plant	Wind onshore	43.483686,28.467701	78		2010
	35	Saint Nikola (p 2)	AES GEO ENERGY LTD	Existing plant	Wind onshore	43.483686,28.467701	78		2010

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	Project #	Project Name	Developer(s)/ Owner (s)	Project Status	Technology	Location	Capacity (MWe)	Generation (GWh)	
Hydropower plants	1	Hydropower plant "Dulga reka"	HIDROENERGETICA - P LTD	Existing plant	Flow (turbine) hydropower plant	Divchovoto, Lovech province, Divchovska river	0,3		2018
	2	Hydropower plant "Pirin Vat 4"	PIRIN VAT LTD	Existing plant	Flow (turbine) hydropower plant	Kornitsa, Blagoevgrad province, The river of Marevo	0,38		2015
	3	Hydropower plant "Lenishta"	MVETS LENISHTA OOD	Existing plant	Flow (turbine) hydropower plant	Belitsa, Blagoevgrad province, Mesta river	0,5		2015
	4	Hydropower plant "Razlog Bioenergy"	RAZLOG BIOENERGY LTD	Existing plant	Flow (turbine) hydropower plant	Razlog, Blagoevgrad province, Mesta river	0,2		2014
	5	Hydropower plant "Imaret dere"	ABNORI LTD	Existing plant	Flow (turbine) hydropower plant	Ustina, Plovdiv province, Vucha river	0,83		2014
	6	Hydropower plant "Imaret dere"	Manahilov&sons LTD	Existing plant	Flow (turbine) hydropower plant	Manastir, Plovdiv province, Chepelarska river	0,485		2014
	7	Hydropower plant "Kutra-Travditsa"	KUTRA SS EOOD	Existing plant	Flow (turbine) hydropower plant	Tvarditsa, Sliven province	0,412		2013
	8	Hydropower plant "Dushevo"	OMEGA SERVICE LTD	Existing plant	Flow (turbine) hydropower plant	Dushevo, Gabrovo province, Vidima river	0,275		2013
	9	Hydropower plant "Etropole"	Geoenergoproekt EOOD	Existing plant	Flow (turbine) hydropower plant	Etropole, Sofia province, Iskar river	0,6		2012
	10	Hydropower plant "Eli dere"	ENERGIA LTD	Existing plant	Flow (turbine) hydropower plant	Varvara, Pazardzhik province, Chepinska river	0,538		2012
	11	Hydropower plant "Pancharevo"	PANCHAREVO LTD	Existing plant	Flow (turbine) hydropower plant	Pancharevo, Sofia province, Iskar river	0,4		2012
	12	Hydropower plant "Blagoevgradska Bistritsa"	BLAGOEVGRADSKA BISTRITSA OOD	Existing plant	Flow (turbine) hydropower plant	Bistritsa, Blagoevgrad province, Bistritsa river	0,65		2011
	13	Hydropower plant "Blagoevgradska Bistritsa"	BLAGOEVGRADSKA BISTRITSA OOD	Existing plant	Flow (turbine) hydropower plant	Bistritsa, Blagoevgrad province, Bistritsa river	0,65		2011
	14	Hydropower plant "Blagoevgradska Bistritsa"	BLAGOEVGRADSKA BISTRITSA OOD	Existing plant	Flow (turbine) hydropower plant	Bistritsa, Blagoevgrad province, Bistritsa river	0,6		2012
	15	Hydropower plant "Stara reka"	HIDRO ENERDZHI OV EOOD	Existing plant	Flow (turbine) hydropower plant	Peshtera, Pazardzhik province	0,582		2011
	16	Hydropower plant "Ivanik"	MIVABO OOD	Existing plant	Flow (turbine) hydropower plant	Belasitsa, Blagoevgrad province, Strumeshnitsa river	0,95		2011
	17	Hydropower plant "Osika"	AGENOR SJSC	Existing plant	Flow (turbine) hydropower plant	Breze, Smolyan province	0,293		2010
	18	Hydropower plant "Martinovo"	ZAHAREN SVYAT OOD	Existing plant	Flow (turbine) hydropower plant	Martinovo, Montana province, Leva river	0,725		2010
	19	Hydropower plant "Polena"	KOMVES SJSC	Existing plant	Flow (turbine) hydropower plant	Polena, Blagoevgrad province	0,5		2009
	20	Hydropower plant "Karanovo"	STROYEXPERT-ENGINEERING EL	Existing plant	Flow (turbine) hydropower plant	Karanovo, Sliven province	0,4		2009
	21	Hydropower plant "Zaburdo"	KRASIMIRA STEFANOVA ET	Existing plant	Flow (turbine) hydropower plant	Smolyan, Smolyan province	1,1		2018
	22	Hydropower plant "Kitka"	RUNO-KAZANLAK EAD	Existing plant	Flow (turbine) hydropower plant	Goirni Lom, Vidin province, Lom river	5,48		2016
	23	Hydropower plant "Rosa"	HIDRO ECO VAT	Existing plant	Flow (turbine) hydropower plant	Mala Tsurkva, Sofia province	1,3		2015
	24	Hydropower plant "Nat-Kadievo"	NAT 2004	Existing plant	Flow (turbine) hydropower plant	Kadievo, Plovdiv province, Vacha river	1,386		2015
	25	Hydropower plant "Asenitsa 1"	CSIF HYDRO	Existing plant	Flow (turbine) hydropower plant	Asenovgrad, Plovdiv province	8,09		2014
	26	Hydropower plant "Prokopanik"	VEZ SVOGHE	Existing plant	Flow (turbine) hydropower plant	Svoqe, Sofia province, Iskar river	3,25		2013
	27	Hydropower plant "Lopushna"	LOPUSHNA ENERDZHI OOD	Existing plant	Flow (turbine) hydropower plant	Georgi Damyanovo, Montana province	1,75		2012
	28	Hydropower plant "Slavova"	UNION HYDRO OOD	Existing plant	Flow (turbine) hydropower plant	Bistritsa, Blagoevgrad province, Bistritsa river	1,7		2007
	29	Hydropower plant "Iskra"	PS CONTRACT LTD	Existing plant	Flow (turbine) hydropower plant	Roman, Vratsa province, Iskar river	1,5		2005
	30	Hydropower plant "Hodzovo"	HYDROENERGY BG	Existing plant	Flow (turbine) hydropower plant	Novo Hodzhovo, Blagoevgrad province, Pirinska Bistr	1,5		2014
	31	Hydropower plant "Chernogorovo"	CHERNOGOROVO ENERGY LTD	Existing plant	Flow (turbine) hydropower plant	Chernogorovo, Pazardzhik province, Luda Yana river	1,303		2014
	32	Hydropower plant "Sveta Petka"	PERSENEEL ENGINEERING	Existing plant	Flow (turbine) hydropower plant	Sestrimo, Pazardzhik province, Kriva reka river	1,2		2012
	33	Hydropower plant "Dolene 1"	STOBOG	Existing plant	Flow (turbine) hydropower plant	Draginovo, Pazardzhik province	1,128		2012
	34	Hydropower plant "Garvanitsa"	AQUAVAK	Existing plant	Flow (turbine) hydropower plant	Bachevo, Blagoevgrad province	1		2006
	35	Hydropower plant "Treshnena"	MONT EL	Existing plant	Flow (turbine) hydropower plant	Dalgi Del, Montana province	1,1		2006
	36	Hydropower plant "Vlahi"	SNABDYAVANE, ZAGOTOVKI I MONTAZH OOD	Existing plant	Flow (turbine) hydropower plant	Vlahi, Blagoevgrad province	1,05		2006
	37	Hydropower plant "Katuntsi"	ENERGO-PRO BULGARIA	Existing plant	Flow (turbine) hydropower plant	Katuntsi, Blagoevgrad province	3,45		2006
	38	Hydropower plant "Ravna-Rozino"	RAVNA - HIDRO OOD	Existing plant	Flow (turbine) hydropower plant	Rozino, Plovdiv province	1,2		2004
	39	Hydropower plant "Simeonovo"	NATSIONALNA ELEKTRICHESKA KOMPANIA EAD	Existing plant	Flow (turbine) hydropower plant	Sofia, Sofia province	6,67		2019
	40	Hydropower plant "Kozloduy"	WPP KOZLODUY	Existing plant	Flow (turbine) hydropower plant	Kozloduy, Vratsa province	5		2013

Photovoltaic farms	Summary						Capacity		Commissioning
	Project #	Project Name	Developer(s)/ Owner (s)	Project Status	Technology	Location	Capacity (MWe)	Generation (GWh)	Estimated COD
	1	HOT - LAIT DOBRINOVO	HOT - LAIT LTD	Existing plant	PV	Dobrinovo, Burgas province	0,065		2019
	2	BART	BART OOD	Existing plant	PV	Plovdiv	0,03		2015
	3	YONIKO	YONIKO	Existing plant	PV	Sungurlare, Burgas province	0,075		2015
	4	SKALSKO	SLANCHEVA ENERZIA-09 EOOD	Existing plant	PV	Skalsko, Gabrovo province	0,073		2014
	5	OMURTAG	VIP Energy	Existing plant	PV	Omurtag, Targovishte province	0,091		2014
	6	BRANISHTE	FINISH	Existing plant	PV	Dobrich, Dobrich province	0,09		2013
	7	BOBORATSI	SPPTMP	Existing plant	PV	Boboratsi, Pernik province	0,03		2013
	8	DIMONT	DIMCHEVI-S-IE	Existing plant	PV	Peshtera, Pernik province	0,02		2013
	9	SREDETS	Solar energy 2000	Existing plant	PV	Sredets, Stara Zagora province	0,097		2010
	10	BOROVAN	PETAR BRANKOV ET	Existing plant	PV	Borovan, Vratsa province	0,078		2013
	11	ROSITSA	T SOLAR	Existing plant	PV	Rositsa, Veliko Tarnovo province	0,165		2013
	12	ZLATEN LEV SOLAR	ZLATEN LEV SOLAR	Existing plant	PV	Pazardzhik, Pazardzhik province	23,02		2019
	13	DIVELEX - MALOMIROVO	DIVELEX	Existing plant	PV	Malomirovo, Yambol province	9,12		2019
	14	KOTLENTSI	STORAGE FACILITY	Existing plant	PV	Dobrivh, Dobrich province	4,897		2012
	15	KOLAROVO	AGRO ELIT EOOD	Existing plant	PV	Kolarovo, Silistra province	5		2012
	16	CHERNOGOR	PV Invest BG	Existing plant	PV	Chernogor, Silistra province	4,9		2012
	17	SAPAREVO	EKO VAT - SB EOOD	Existing plant	PV	Saparevo, Kyustendil province	5		2012
	18	PV TSENTRALA 1	BCI KAZANLYK 1	Existing plant	PV	Golyamo Dryanovo, Stara Zagora province	4,99		2012
	19	PV TSENTRALA 8	BCI KAZANLYK 1	Existing plant	PV	Golyamo Dryanovo, Stara Zagora province	4,974		2012
	20	PV TSENTRALA 9	BCI KAZANLYK 1	Existing plant	PV	Golyamo Dryanovo, Stara Zagora province	4,92		2012
	21	PV TSENTRALA 10	BCI KAZANLYK 1	Existing plant	PV	Golyamo Dryanovo, Stara Zagora province	4,981		2012
	22	CHERGANOVO	BCI CHERGANOVO	Existing plant	PV	Cherganovo, Stara Zagora province	29,3		2012
	23	DUBOVO	DUBOVO ENERGY	Existing plant	PV	Vetren, Stara Zagora province	9,6		2012
	24	ALINO	SOLAR - PLANA EOOD	Existing plant	PV	Alino, Sofia province	2,696		2012
	25	POBEDA	HELIOS PROJECTS JSC	Existing plant	PV	Dolna Mitropoliya, Pleven province	50		2012
	26	Ekoenergy Solar	Ekoenergy Solar	Existing plant	PV	Vratsa, Vratsa province	10		2012
	27	DOBRICH	COMPANY FOR THE POWER WORKER AND DEVELOPMENT	Existing plant	PV	Dobrivh, Dobrich province	14,071		2012
	28	HANOVO 1 SOLAR	HANOVO 1 SOLAR	Existing plant	PV	Hanovo, Yambol province	4,5		2012
	29	MONTANA SOLAR	MONTANA SOLAR PARK	Existing plant	PV	Studeno buche, Montana province	3		2012
	30	EKOSOLAR (p. 1)	EKOSOLAR EOOD	Existing plant	PV	Vratsa, Vratsa province	9		2012
	31	TERES	TERES EOOD	Existing plant	PV	Byal izvor, Stara Zagora province	4,809		2012
	32	AGRIPLAM	AGRIPLAM EOOD	Existing plant	PV	Letnitsa, Lovech province	4		2012
	33	ROGOZEN	FVE Rogozen Ltd	Existing plant	PV	Rogozen, Vratsa province	2		2012
	34	YAMBOL SOLAR	YAMBOL SOLAR Ltd	Existing plant	PV	Yambol, Yambol province	2		2012
	35	RUZHEVO KONARE	ENERGY GROUP BG 2009	Existing plant	PV	Ruzhevo Konare, Plovdiv province	4,999		2012
	36	KAOLINOVO	EMR KAOLINOVO EAD	Existing plant	PV	Kaolinovo, Shumen province	4,913		2012
	37	TENEVO SOLAR	TENEVO SOLAR Ltd	Existing plant	PV	Tenevo, Yambol province	4		2012