

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



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Project #	Project Name	Developer(s) / owner(s)	Summary			Capacity		Commissioning
			Project Status	Technology	Location	Capacity (MWe)	Generation (GW)	Estimated COD
1	FW Radzyń	PGE Group	Final Investment decision	Wind	kujawsko-pomorskie voivodship	36,9	240	
2	FW Ścieki	PGE Group	Final Investment decision	Wind	wielkopolskie voivodship	22		
3	FW Józwin	PGE Group	Final Investment decision	Wind	łódzkie voivodship	25,3		
4	FW Zalesie	PGE Group	Final Investment decision	Wind	Warmian-Masurian voivodships	24,85		
5	FW Nowa Brzeźnica	TAURON Zielona Energia sp. z o.o.	Under construction	Wind	Nowej Brzeźnicy	19,6		2025
6	FW Warblewo	TAURON Zielona Energia sp. z o.o.	Under construction	Wind	Pomeranian voivodships	30		Q4 2024
7	FW Gamów	TAURON Zielona Energia sp. z o.o.	Under construction	Wind	nearby Racibórz; śląskie voivodship	33		Q4 2024
8	FW Mierzyn	TAURON Zielona Energia sp. z o.o.	Under construction	Wind	West Pomeranian voivodships	58,5		Q4 2024
9	FW Zagórze	TAURON Ekoenergia sp. z o. o.	Existing plant	Wind	nearby Zagórze; West Pomeranian voivodships	30		2003
10	FW Wicko	TAURON Ekoenergia sp. z o. o.	Existing plant	Wind	Wicko commune; Pomeranian voivodship	40	87	n/a
11	FW Marszewo	TAURON Ekoenergia sp. z o. o.	Existing plant	Wind	Marszewo; West Pomeranian voivodships	100	220	2013
12	FW Lipniki	TAURON Ekoenergia sp. z o. o.	Existing plant	Wind	Kamiennik commune; Opolskie voivodship	30,75	n/a	2011
13	FW Śniatowo	TAURON Ekoenergia sp. z o. o.	Existing plant	Wind	West Pomeranian voivodship	32		2010
14	FW Mogiło	TAURON Ekoenergia sp. z o. o.	Existing plant	Wind	Kuyavia-Pomerania voivodship	34		2010
15	FW Inowrocław	TAURON Ekoenergia sp. z o. o.	Existing plant	Wind	Kuyavia-Pomerania voivodship	32		2009
16	FW Dobrzyń	TAURON Ekoenergia sp. z o. o.	Existing plant	Wind	Kuyavia-Pomerania voivodship	34		2010
17	FW Goldap	TAURON Ekoenergia sp. z o. o.	Existing plant	Wind	Warmian-Masurian voivodship	48		2011
18	FW Piotrków	TAURON Ekoenergia sp. z o. o.	Existing plant	Wind	Lodz Voivodship	30	90,1	2022
19	FW Majewo	TAURON Ekoenergia sp. z o. o.	Existing plant	Wind	Warmian-Masurian voivodship	6	17,3	2022
20	FW Bejsce	Enea	Under construction	Wind	wielkopolskie voivodship	19,8		Q1 2025
21	FW Bejsce	Enea	Under construction	Wind	pomorskie voivodship	19,8		Q1 2025
22	FW Znin	RWE	Under construction	Wind	kujawsko-pomorskie voivodship	48		Q4 2023
23		Zklaster	Feasibility study	Wind	zgorzelecki district	100		2030
24	Wicko	Respect Energy	Under construction	wind	Wicko	10		Q4 2023
25	Jedrychowice	Respect Energy	Under construction	wind	Jedrychowice	26		Q4 2023
26	Zgorzelec	Respect Energy	Under construction	Wind	zgorzelecki district	24		Q4 2023
27	Krzanowice I	visaVento AG	Under construction	wind	Krzanowice	24		
28	Krzanowice III	visaVento AG	Under construction	wind	Krzanowice	17		
29	Sompolno	visaVento AG	Under construction	wind	Sompolno	28		
30	Ronica	visaVento AG	Under construction	wind	Ronica	54		
31	Bierutów	visaVento AG	Under construction	wind	Bierutów	42		
32	Krzanowice II	visaVento AG	Under construction	Wind	Krzanowice	57		
33	Samolino	visaVento AG	Under construction	wind	Samolino	30		
34	FW Sompolno	Energa Wytwarzanie S.A.	Under construction	Wind	wielkopolskie voivodship	26		
35	FW Bystra	Energa Wytwarzanie S.A.	Existing plant	Wind	nearby Gdańsk	24	40	2012
36	FW Karcino	Energa Wytwarzanie S.A.	Existing plant	Wind	between Karcino and Sarbia; West Pomeranian voivodship	51	120	2010
37	FW Karścino	Energa Wytwarzanie S.A.	Existing plant	Wind	nearby Karlino; West Pomeranian voivodships	90	170	2009
38	FW Myśłino	Energa Wytwarzanie S.A.	Existing plant	Wind	n/a	20	n/a	n/a
39	FW Parsówek	Energa Wytwarzanie S.A.	Existing plant	Wind	Gryfino municipality in West Pomeranian voivodship	26	55	2015
40	FW Przykona	Energa Wytwarzanie S.A.	Existing plant	Wind	nearby Przykona	31,05	75	n/a
41	FW Wielbark	Energa Wytwarzanie S.A.	Existing plant	Wind	nearby Wielbark; Warmian-Masurian voivodship	62		Q1 2023
42	FW Wysoka	Ingka Investments	Existing plant	Wind	municipality of Wysoka in the Piłski district	62,5		Q3 2024
43	FW Kraśnik	OX2	Existing plant	Wind	kraśnicki district	24,15		Q3 2024
44		Raen Group	Concept	Wind	Warmian-Masurian voivodship	100		
45	FW Miejska Górka	Tauron Zielona Energia	Under construction	Wind	wielkopolskie voivodship	190		Q4 2027

Onshore Wind

	Summary						Capacity		Commissioning
	Project #	Project Name	Developer(s) / owner(s)	Project Status	Technology	Location	Capacity (MWe)	Generation (GW)	Estimated COD
Offshore Wind	1	Baltica 1	PGE Baltica	Final Investment decision	Offshore Wind	55.480757, 16.863836	896		2035
	2	Baltica 2	PGE Baltica-Ørsted	Under construction	Offshore Wind	54.960207, 16.655701	1498		Q4 2027
	3	Baltica 3	PGE Baltica-Ørsted	Under construction	Offshore Wind	55.034040, 17.217975	1045		Q4 2029
	4	Baltica 4	PGE Baltica-Tauron	Concept	Offshore Wind	55.034040, 17.217975	1000		2030
	5	Baltica 5	PGE Baltica-Enea	Feasibility study	Offshore Wind	55.478834, 17.010500	555		
	6	Baltica 9	PGE Baltica	Feasibility study	Offshore Wind	54.971072, 16.416083	975		
	7	Baltica 43.E.1	PGE Baltica-Tauron	Concept	Offshore Wind	54.867653, 16.284585	990		
	8	MFW Bałtyk 1	Polenergia-equinor	Final Investment decision	Offshore Wind	55.495301, 17.013927	1560		Q4 2027
	9	MFW Bałtyk 2	Polenergia-equinor	Final Investment decision	Offshore Wind	54.965140, 16.751372	720		Q4 2027
	10	MFW Bałtyk 3	Polenergia-equinor	Final Investment decision	Offshore Wind	55.033353, 17.079116	720		Q4 2027
	11	Baltic Power	Orlen-Northland Power	Final Investment decision	Offshore Wind	54.975044, 16.827880	1140		Q4 2026
	12	Ocean Winds	EDPR-Engie	Feasibility study	Offshore Wind	55.043054, 17.378788	400		2030
	13		BTI-RWE	Feasibility study	Offshore Wind	54.884191, 16.236132	350		2030
	14	Baltic Power	Orlen	Concept	Offshore Wind	54.528525, 15.215884	4000		2035
	15	Baltic Power	Orlen	Concept	Offshore Wind	54.975044, 16.854480	1000		2030
	16		Respect Energy	Concept	floating offshore	Estonian coasts	820		2032
	17	BC-Wind	Ocean Winds	Environmental decision	Offshore Wind	Krokowa and Choczewo municipalities	500		
Photovoltaic farms	Summary						Capacity		Commissioning
	Project #	Project Name	Developer(s) / owner(s)	Project Status	Technology	Location	Capacity (MWe)	Generation (GW)	Estimated COD
	1	Jeziórko	PGE Group	Under construction	PV	Grębów	100		Q1 2024
	2	Augustynka	PGE Group	Under construction	PV	siematycki district	25		2024
	3	Zółtańce	PGE Group	Under construction	PV	chełmski district	15		2024
	4	Huszlew	PGE Group	Under construction	PV	łosicki district	13		2024
	5	Gutki and Gutki 2	PGE Group	Under construction	PV	wielkopolskie voivodship	12	14	Q4 2023
	6	Zawiadów	PGE Group	Under construction	PV	dolnośląskie voivodship			Q4 2023
	7	Zawiadów 2	PGE Group	Under construction	PV	dolnośląskie voivodship	2,5		Q4 2023
		Mysłowice (II phase)	TAURON Ekoenergia sp. z o.o.	Under construction	PV	Silesian voivodeship	60		2025
	9	Proszówek	TAURON Zielona Energia sp. z o.o.	Under construction	PV	Gębocice; dolnośląskie voivodship	45,6		Q1 2024
	10	Choszczno	TAURON Ekoenergia sp. z o.o.	Existing plant	PV	West Pomeranian voivodships	14	14	2021
	11	Jaworzno	TAURON Ekoenergia sp. z o.o.	Existing plant	PV	Silesian voivodeship	5	5	2020
	12	Dygowo I	Enea Nowa Energia sp. z o.o.	Under construction	PV	West Pomeranian voivodships	8		Q2 2024
	13	Jastrowie II	Enea Nowa Energia sp. z o.o.	Under construction	PV	wielkopolskie voivodship	8		Q2 2024
	14	Genowefa	Enea	Under construction	PV	wielkopolskie voivodship	35	35	Q4 2023
	15	Darżyno	Enea	Under construction	PV	Pomeranian voivodship	2		Q4 2023
	17		Zklaster	Feasibility study	PV	zgorzelecki district	2500		2030
	18	Serby	Neo Energy Group Sp. z o.o	Under construction	PV	dolnośląskie voivodship	88		Q4 2023
	19	Kazimierz Biskupi	Neo Energy Group Sp. z o.o	Under construction	PV	dolnośląskie voivodship	150		Q4 2023
	20	Szczecinek I	Neo Energy Group Sp. z o.o	Concept	PV	kujawsko-pomorskie voivodship	500		
	21	Brzezinka / Syców	Grupa Azoty	Final Investment decision	PV	Syców	270		Q3 2028
	22	Jastrzębniki	R.Power	Under construction	PV	Świdwin	30		Q4 2023
	23	Karpicko	R.Power	Under construction	PV	Wolsztyn	27		Q4 2023
	24	Grabik-Żary	R.Power	Under construction	PV	Żary	35		Q4 2023
	25	Pasieka III	R.Power	Under construction	PV	Gnieszno	10		Q4 2023
	26	Zwartowo	Respect Energy	Under construction	PV	Zwartowo	290		Q4 2023
	27	Delta	Energa Wytwarzanie S.A.	Existing plant	PV	Gdańsk	1,63		2014
	28	Gryf	Energa Wytwarzanie S.A.	Existing plant	PV	wielkopolskie voivodship	25		2023
	29	Czernikowo+	Energa Wytwarzanie S.A.		PV		n/a	n/a	n/a
	31	Przykona	Energa Wytwarzanie S.A.	Existing plant	PV	wielkopolskie voivodship	1		2023
	32	Czernikowo	Energa Wytwarzanie S.A.	Existing plant	PV	municipality of Czernikowo	3,77	3,5	n/a
	33	Wielbark	Energa Wytwarzanie S.A.	Existing plant	PV	warmińsko-mazurskie voivodship	70		Q4 2023
	34	Gryf II	Energa Wytwarzanie S.A.	Concept	PV	wielkopolskie voivodship	68		Q4 2024
	35	Kleczew Solar & Wind	Energa Wytwarzanie S.A.	Under construction	PV & Wind	wielkopolskie voivodship	334		

36	Mutowo	R.Power	Existing plant	PV	Mutowo	10	Q3 2024
38		Varitex	Concept	PV	municipality of Działoszyn	52	
39	Golczewo	Qair	Existing plant	PV	zachodniopomorskie voivodship	80	
40	Kotła	Energa	Under construction	PV	Głogów	130	Q4 2025
41	Opalenica	Energa Wytwarzanie S.A.	Existing plant		Opalenica	22	