

Table B1: Renewable energy assets acquired by publicly-owned companies between 1 January 2019 and 31 December 2021

Country	Organisation	Acquire from	Asset	Public ownership	MW
Australia	Clean Energy Finance Corp.	Total Eren (France)	Kiamal Solar Farm, Victoria (minority stake)	Govt 100%	256
Austria	Wiener Energie	Encavis AG Germany	3 wind farms	Wiener Stadtwerke 49% then further 51% in 2021	36
Brazil	Petrobras	FIP Pirineus, Brazil	Eolica Manuue Seco 2	Govt 100%	26
Canada	Hydro Quebec Corp.	Innergex Renewables Canada	Strategic alliance & co-invest (19.9%)	Govt 100%	
Canada	Ontario Power Corp.	I Squared Capital, USA	Cube Hydro – 19 facilities	Provincial Govt 100%	385
Canada	Columbia Power Corp & Columbia Basin Trust	Fortis Inc. USA	Waneta Hydroelectric	British Columbia Provincial govt	335
Czech Republic	CEZ	ABO Wind, Germany	8 wind farms	Govt 70%	116.5
China	Xinyi Energy Holdings	Xinyi Solar Farm Hong Kong	Shares in 5 subsidiaries	Govt 100%	n/a
China	Zheneng Group	China Jinjiang Environment Holding Co.	Waste to energy	Provincial Govt 100%	632
China	CGN Energy International	Enel Green Power S.p.A. (Italy)	2 solar & 1 wind projects 100.0%	Govt 100%	540
China	CGN Energy International	Actis LLP (UK)	Atlantic Energias Renovaveis wind	Govt 100%	642
China	CGN Energy International & Hermes Infra	Aquila Capital (Germany)	5 wind projects 100.0%	Govt 100%	813
China	Sembcorp Industries	SDIC New Energy (Shanghai SDIC)	30 operational wind & solar 35% stake	Govt 100%	1,900
China	Three Gorges Corp.	X-Elio (Spain)	13 solar plants	Govt 100%	570
Denmark	Orsted A/S	Pattern Energy Group (USA)	South Dakota wind farm 100.0	Govt 50.12% SEAS-NVE 5.01%	103
Denmark	Orsted A/S	Longroad Energy Holdings LLC (USA)	Muscle Shoals, Alabama, solar 100.0	Govt 50.12% SEAS-NVE 5.01%	294
Denmark	Orsted A/S	Not disclosed	Haystack Wind, Nebraska	Govt 100%	298
Denmark	Orsted A/S	PGE SA (Poland)	Baltic Sea wind farms	Govt 100%	2,500
Denmark	Orsted A/S	Brookfield Renewables	Wind business UK & Ireland	Govt 100%	1,538
Denmark	Orsted A/S	Ares Management Corporation (USA)	Lincoln Land Wind	Govt 100%	302
France	EDF Renewables	York Nebraska Wind Partners LLC	Milligan 1 Wind Project	Govt 100%	300
France	EDF Renewables	Asia Clean Capital	17 rooftop solar facilities	Govt 100%	77
France	EDF Renewables	LUXEL Group	portfolio over 40 projects	Govt 100%	1,000
France	EDF Renewables	Alpiq Group 25% stake		Govt 100%	n/a
France	EDF Renewables	PEC Energia (Brazil)	5 wind farms Pernambuco	Govt 100%	600
France	EDF Renewables	PowerFlex Systems	electric vehicle charging	Govt 100	n/a
France	EDF Renewables	Altus AG (Germany)	Wind farms in 10 states in Germany	Govt 100%	300
France	EDF Renewables	Pivot Power Ltd (UK)	Battery storage	Govt 100%	2,000
France	EDF Renewables	Hazel Shore Ltd (Republic of Ireland)	Codling offshore wind	Govt 100%	1,000
France	EDF Group	energy2market (e2m)	manages/operates 3GW plants	Govt 100%	n/a

France	EDF (with Meridiam & SIFCA)	BIOVEA Energie (France)	JVC – 40%, 36% & 24% stakes	Govt 40%	46
France	EDF Renewables	Wexford Solar	8 solar parks	Govt 100%	100
France	EDF Renewables	Geenex Solar	20 solar projects	Govt 100%	4,500
France	EDF Renewables	KarmSolar Group, Egypt	Strategic equity stake	Govt 100%	170
France	EDF Renewables	EnterSolar USA	Solar installer	Govt 100%	n/a
France	EDF Renewables	Countryside Renewables	Porth Wen & Burwell solar	Govt 100%	100
France	EDF Renewables	Galehead Development	Solar park	Govt 100%	270
Germany	EnBW Energie Baden-Wurttemberg AG	Power Wind Ptners AB & Gnosjo Energi	7 wind farms in Sweden 105 MW 100%	State of Baden 46.75% Association of regional & local govt 46.75%	105
Germany	EnBW Energie Baden-Wurttemberg AG	Groupe Valeco (France)	Developer of wind and solar projects 100%	State of Baden 46.75% Association of regional & local govt 46.75%	2032
Germany	Trianel Municipal	ABO Wind Germany	Spreeau wind	Municipal 100%	34
Germany	Stadtwerke Munchen	PNE AG (Germany)	Jasna Wind	Municipal 100%	132
Germany	Stadtwerke Tubingen	Belectric Germany	2 solar parks	Municipal govt	21
Germany	Stadtwerke Tubingen	Energiekontor AG Germany	3 solar parks	Municipal govt	13
Lithuania	Ignitis Group	Earth Capital Partners LLP UK	Wind farm	Govt 100%	94
Lithuania	Ignitis Group	Sun Investment Group	Solar portfolio, Poland	Govt 100%	170
Lithuania	Ignitis Group	n/a	Wind farm Poland	Govt 100%	50
Lithuania	Ignitis Group	Companies in Poland not disclosed	Solar portfolio	100%	80
Monaco	Monaco Energies	ABO Wind Germany	3 wind farms France	Govt 100%	75
Netherlands	Stadtwerke Tubingen	Energiekontor AG	3 solar parks	Municipal works 100%	13.3
Norway	Statkraft A/S	Airvolution Clean Energy Ltd (UK)	onshore wind developer	Govt 100%	n/a
Norway	Statkraft A/S	Torsa Renovables SL (Chile)	3 wind farms 100.0%	Govt 100%	109
Norway	Statkraft A/S	JBM Solar (Republic of Ireland)	9 solar projects 100.0%	Govt 100%	320
Norway	Statkraft A/S	Lightsource BP	5 solar projects	Govt 100%	275
Norway	Statkraft A/S	Solarcentury holdings	Pipeline solar projects	Govt 100%	1,200
Norway	Statkraft A/S	Breeze Three Energy	39 wind farms Germany, 4 in France	Govt 100%	348
Norway	Equinor ASA	Polenergia Co. (Poland)	Baltyk 1 offshore wind 50.0%	Govt 67% Others 33%	1,560
Norway	Equinor ASA	Not disclosed	Scatec Solar 5.2%	Government 67% Others 33%	1,505
Norway	Equinor ASA	Wento Eneterprises Poland	Wind & solar farms	Govt 100%	1,600
Norway	Equinor ASA	Noriker Power Ltd (UK)	Battery storage JVC for 500 MW	Govt 45%	250
Qatar	Investment Authority	Enel Green Power	Portfolio in Zambia	Govt 100%	800
Republic of Ireland	Electricity Supply Board	Parkwind NV (Belgium)	Oriel offshore Wind Farm, Republic of Ireland 35.0%	Govt 96%	330
Republic of Ireland	Electricity Supply Board	Terra Solar Ltd (Republic of Ireland)	portfolio of solar assets 100.0%	Govt 96%	118
Republic of Ireland	Electricity Supply Board	Harmony Solar Ireland Ltd	Solar partnership €30m capital	Govt 96%	n/a
Romania	Electrica Furnizare	Long Bridge Milenium SRL (Romania)	Stanesti solar farm	Govt 48.8%	8
Romania	Hidroelectrica	Steag GmbH	Cruce Wind farm	Govt 100%	108
Saudi Arabia	Arab Petroleum Investment Corp	Jordan Wind Project Company	Tafila Wind farm	10 Arab countries	117
Sweden	Vattenfall AB	Solytic GmbH (Germany)	PV optimisation	Govt 100%	n/a
Switzerland	EZW Municipal Electric	Norsk Vind Energi AS (Norway)	Makaknuten wind	City of Zurich 100%	95
Switzerland	AEW Energie AG	Canton of Aargau	Kraftwerk Ryburg-Schworstadt Run of River	23%	120
United Arab Emirates	Masdar Clean Energy	John Laing plc (UK)	Rocksprings & Sterling wind 100.0%	Govt 100%	179

United Arab Emirates	Masdar Clean Energy	Hero Future Energies of India	Strategic alliance solar, minority stake	Govt 100%	1,440
United Arab Emirates	Masdar Clean Energy	Tribe Infra Group JVC with Masdar Tribe Energy	Waste to energy East Rockingham, Perth 40%	Govt 100%	29
United Arab Emirates	Masdar Clean Energy	Infinity Energy (Egypt)	JVC develop wind & solar projects in Egypt	Govt 100%	235
United Arab Emirates	Masdar Clean Energy	Espanola de Petroleos	joint 50/50 development venture	Govt 100%	n/a
United Arab Emirates	Masdar Clean Energy	ib vogt GmbH	Benban, Egypt solar	Govt 100%	64
United Arab Emirates	Masdar Clean Energy	EDF North America	Portfolio 8 wind, solar & battery	Govt 100%	1,600
United Arab Emirates	Masdar Clean Energy	Sempra Infrastructure	10% Equity interest	Govt 100%	400
Tenaga Nasional Berhad	Malaysia state power	Beaufort Investments	Vortex solar portfolio	Govt 100%	365
Tenaga Nasional Berhad	Malaysia state power	Sunseap Group	5 solar assets Vietnam	Govt 100%	183
Total 79					37,927

Source: ESSU Global Renewable Energy Secondary Market Transactions Database, 2022.