

DATA APPENDIX

Figure A1 Country and technology-specific real after-tax WACC assumptions for 2021

Country	Solar PV	Country	Solar PV	Country	Solar PV
Algeria	11%	Indonesia	6.00%	Saudi Arabia	6.20%
Argentina	13.80%	Islamic Republic of Iran	11.40%	Senegal	4.30%
Australia	2.90%	Iraq	9.60%	Singapore	4.60%
Austria	3.40%	Ireland	5.50%	Slovakia	3.80%
Azerbaijan	7.00%	Israel	3.70%	Slovenia	4.20%
Bangladesh	6.80%	Italy	3.10%	South Africa	5.20%
Belarus	9.90%	Jamaica	7.20%	Spain	3.60%
Belgium	1.90%	Japan	2.30%	Sri Lanka	10.30%
Plurinational State of Bolivia	8.70%	Jordan	8.20%	Sweden	3.20%
Bosnia and Herzegovina	10.40%	Kazakhstan	6.30%	Switzerland	1.70%
Brazil	6.30%	Kenya	8.40%	Chinese Taipei	3.70%
Bulgaria	4.80%	Kuwait	5.30%	Thailand	4.50%
Burkina Faso	5.80%	Latvia	5.50%	Tunisia	9.30%
Canada	4.30%	Lebanon	21.00%	Türkiye	7.50%
Chile	3.50%	Lithuania	5.70%	Uganda	6.90%
China	2.50%	Luxembourg	3.10%	United Kingdom	2.00%
Colombia	5.60%	Malaysia	5.40%	Ukraine	9.90%
Costa Rica	6.40%	Malta	1.80%	United Arab Emirates	5.60%
Croatia	5.30%	Mauritius	4.60%	Uruguay	4.20%
Cuba	11.60%	Mexico	7.20%	United States	4.30%
Cyprus	4.90%	Mongolia	8.00%	Bolivarian Republic of Venezuela	18.70%
Czechia	3.70%	Montenegro	8.80%	Viet Nam	6.00%
Denmark	2.10%	Morocco	6.70%	Yemen	17.20%
Dominican Republic	5.60%	Myanmar	9.50%		
Ecuador	12.20%	Namibia	4.20%		
Egypt	8.80%	Netherlands	1.40%		
El Salvador	6.30%	New Zealand	4.30%		
Estonia	5.10%	Nicaragua	9.20%		
Ethiopia	8.40%	Norway	4.50%		
Finland	4.80%	Pakistan	9.20%		
France	1.80%	Panama	4.30%		
Germany	1.30%	Peru	5.20%		
Ghana	9.50%	Philippines	5.70%		
Greece	4.10%	Poland	3.90%		
Guatemala	6.30%	Portugal	4.20%		
Honduras	4.60%	Romania	5.10%		
Hungary	3.70%	Russian Federation	6.30%		
India	5.90%	Rwanda	5.60%		

Country	Onshore wind	Country	Onshore wind	Country	Onshore wind
Algeria	11.4%	Islamic Republic of Iran	11.5%	Singapore	4.6%
Argentina	13.8%	Iraq	9.6%	Slovakia	5.2%
Australia	2.9%	Ireland	2.8%	Slovenia	5.5%
Austria	2.5%	Israel	5.0%	South Africa	6.6%
Azerbaijan	7.0%	Italy	3.3%	Spain	3.1%
Bangladesh	6.8%	Jamaica	7.2%	Sri Lanka	10.3%
Belarus	9.9%	Japan	4.7%	Sweden	3.5%
Belgium	3.5%	Jordan	8.2%	Switzerland	4.7%
Plurinational State of Bolivia	8.7%	Kazakhstan	6.3%	Chinese Taipei	5.0%
Bosnia and Herzegovina	10.5%	Kenya	5.6%	Thailand	5.8%
Brazil	4.9%	Kuwait	5.3%	Tunisia	9.3%
Bulgaria	4.0%	Latvia	5.5%	Türkiye	7.5%
Burkina Faso	8.5%	Lebanon	21.0%	Uganda	8.4%
Canada	3.0%	Lithuania	2.6%	United Kingdom	2.6%
Chile	4.5%	Luxembourg	3.1%	Ukraine	9.9%
China	2.5%	Malaysia	5.4%	United Arab Emirates	5.6%
Colombia	5.6%	Malta	4.7%	Uruguay	3.0%
Costa Rica	5.6%	Mauritius	6.0%	United States	3.0%
Croatia	5.1%	Mexico	3.6%	Bolivarian Republic of Venezuela	18.7%
Cuba	11.6%	Mongolia	6.7%	Viet Nam	5.1%
Cyprus	4.4%	Montenegro	5.6%	Yemen	20.6%
Czechia	5.1%	Morocco	6.1%		
Denmark	1.5%	Myanmar	9.5%		
Dominican Republic	7.1%	Namibia	6.9%		
Ecuador	12.2%	Netherlands	2.5%		
Egypt	8.8%	New Zealand	3.0%		
El Salvador	9.2%	Nicaragua	6.3%		
Estonia	5.1%	Norway	4.5%		
Ethiopia	5.6%	Pakistan	9.2%		
Finland	1.9%	Panama	4.3%		
France	1.8%	Peru	5.2%		
Germany	1.3%	Philippines	5.7%		
Ghana	9.5%	Poland	3.3%		
Greece	4.1%	Portugal	3.2%		
Guatemala	6.3%	Romania	5.7%		
Honduras	6.0%	Russian Federation	6.3%		
Hungary	3.7%	Rwanda	8.4%		
India	5.9%	Saudi Arabia	6.2%		
Indonesia	6.0%	Senegal	7.0%		

Country	Offshore wind
Belgium	3.5%
China	4.9%
Denmark	1.5%
France	4.7%
Germany	2.9%
Italy	6.1%
Japan	4.7%
Republic of Korea	4.8%
Norway	4.5%
Poland	5.2%
Sweden	4.5%
Chinese Taipei	5.0%
United Kingdom	2.0%
United States	4.3%
Viet Nam	7.4%

This *Data appendix* is sourced from the IRENA report, *Renewable power generation costs in 2021*, www.irena.org/Publications/2022/Jul/Renewable-Power-Generation-Costs-in-2021

Citation: IRENA (2022), *Renewable power generation costs in 2021*, International Renewable Energy Agency, Abu Dhabi.