

Annex 3: Solar Thermal Electricity Imports by Country

Total HVDC Solar Import Electricity in TWh/y

Year	2000	2010	2020	2030	2040	2050
Austria	0	0	0	0	0	0
Cyprus	0	0	0	0	0	0
Denmark	0	0	0	2	3	5
Finland	0	0	0	0	0	0
France	0	0	10	35	70	110
Czech Republic	0	0	0	5	15	30
Belgium	0	0	0	10	16	24
Ireland	0	0	0	0	0	0
Luxembourg	0	0	0	0	0	0
Netherlands	0	0	5	10	15	17,5
Sweden	0	0	0	0	0	0
Switzerland	0	0	0	0	0	0
United Kingdom	0	0	0	15	35	65
Poland	0	0	0	15	50	90
Bulgaria	0	0	0	4	6	6,5
Slowac Republic	0	0	0	2	8	12,5
Slovenia	0	0	0	0	0	0
Germany	0	0	15	40	80	120
Hungary	0	0	0	8	10	12
Greece	0	0	0	5	10	15
Italy	0	0	10	25	45	60
Malta	0	0	0	0	0	0
Portugal	0	0	0	0	0	0
Spain	0	0	15	25	35	45
Turkey	0	0	5	15	45	60
Macedonia	0	0	0	0	0	0
Croatia	0	0	0	0	0	0
Romania	0	0	0	15	30	35
Serbia & Montenegro	0	0	0	0	0	0
Bosnia-Herzegovina	0	0	0	0	0	0
Iceland	0	0	0	0	0	0
Norway	0	0	0	0	0	0
Total	0	0	60	231	473	707,5

Total HVDC Solar Import Capacity in GW

Year	2000	2010	2020	2030	2040	2050
Austria	0,00	0,00	0,00	0,00	0,00	0,00
Cyprus	0	0	0	0	0	0
Denmark	0	0	0	0,4	0,5	0,75
Finland	0	0	0	0	0	0
France	0	0	2	5	9	15
Czech Republic	0	0	0	1	2	4
Belgium	0	0	0	2	2,5	3,5
Ireland	0	0	0	0	0	0
Luxembourg	0	0	0	0	0	0
Netherlands	0	0	1	1,5	2	2,4
Sweden	0	0	0	0	0	0
Switzerland	0	0	0	0	0	0
United Kingdom	0	0	0	2,5	5	9
Poland	0	0	0	2,5	8	14
Bulgaria	0	0	0	0,75	1	1
Slovak Republic	0	0	0	0,5	1,5	2
Slovenia	0	0	0	0	0	0
Germany	0	0	3	6	11	16
Hungary	0	0	0	1,5	1,75	2
Greece	0	0	0	1	1,5	2
Italy	0	0	2	5	8	10
Malta	0	0	0	0	0	0
Portugal	0	0	0	0	0	0
Spain	0	0	2,5	4	5	8
Turkey	0	0	1	2,5	6	7,5
Macedonia	0	0	0	0	0	0
Croatia	0	0	0	0	0	0
Romania	0	0	0	3	5	5
Serbia & Montenegro	0	0	0	0	0	0
Bosnia-Herzegovina	0	0	0	0	0	0
Iceland	0	0	0	0	0	0
Norway	0	0	0	0	0	0
Total	0	0	11,5	38,65	69,25	102,15