

7.2 Additional results

7.2.1 Full results as formatted tables

LCIA results for region EUR (Europe EU28), per kWh, in 2020, for select indicators, rounded to two significant figures.

PER KWH

Type	Subtype	CLIMATE CHANGE [g CO ₂ eq.]	FRESHWATER EUTROPHICATION [mg P eq.]	CARCINOGENIC EFFECTS [μCTUh]	IONISING RADIATION [g ²³⁵ U eq.]	LAND USE [points]	DISSIPATED WATER [l]	MINERALS AND METALS [μg Sb eq.]
Hard coal	PC, without CCS	1000	490	7.3	9.1	2.4	2.9	520
Hard coal	IGCC, without CCS	850	420	6.4	7.5	2.1	1.7	590
Hard coal	SC, without CCS	950	460	6.9	8.2	2.3	2.6	500
Natural gas	NGCC, without CCS	430	20	1.3	9.2	0.2	1.2	240
Hard coal	PC, with CCS	370	690	10	13	3.4	5.1	780
Hard coal	IGCC, with CCS	280	570	8.6	10	2.8	2.7	690
Hard coal	SC, with CCS	330	640	9.7	12	3.2	4.6	740
Natural gas	NGCC, with CCS	130	24	1.7	11	0.24	2.00	310
Hydro	660 MW	150	13	2.6	12	2.5	0.37	610
Hydro	360 MW	11	1.3	0.35	0.84	0.21	0.039	61
Nuclear	average	5.1	5.8	0.51	14	0.058	2.4	330
CSP	tower	22	11	2.1	4.5	3.6	0.18	340
CSP	trough	42	14	6.3	6.1	3.5	0.34	650
PV	poly-Si, ground-mounted	37	28	4.1	9.1	1.9	0.58	4500
PV	poly-Si, roof-mounted	37	39	1.6	9.8	0.86	0.63	7200
PV	CdTe, ground-mounted	12	8.8	3.4	1.9	1.4	0.13	1500
PV	CdTe, roof-mounted	15	14	1.1	1.9	0.15	0.16	2600
PV	CIGS, ground-mounted	11	8.8	3.4	1.8	1.3	0.13	1700
PV	CIGS, roof-mounted	14	14	1.1	1.8	0.15	0.16	2800
Wind	onshore	12	6.7	6.6	1.0	0.11	0.18	680
Wind	offshore, concrete foundation	14	7.0	5.5	1.2	0.11	0.16	980
Wind	offshore, steel foundation	13	6.8	7	1.2	0.099	0.16	990