

Tables from “[Stranded Assets and Subcritical Coal: The Risk to Companies and Investors](#)” – showing top 20 only

Table 13: Largest 100 SCPS Portfolios, Ranked by Total Generation

Rank	Portfolio/Company	Country	State owned	Listed	Number of SCPSs	Total SCPS MWh
1	China Huaneng Group	China	YES	YES	66	320,928,260
2	Huadian Group	China	YES	YES	69	284,448,220
3	China Guodian Group	China	YES	YES	65	267,433,170
4	China Datang Corp	China	YES	YES	52	211,691,720
5	NTPC	India	YES	YES	24	202,008,689
6	Eskom	South Africa	YES	YES	11	186,960,300
7	Shenhua Group	China	YES	YES	36	144,993,390
8	China Power Investment Corp	China	YES	NO	41	129,003,080
9	AES Corporation	United States	NO	YES	12	107,196,652
10	China Resources Power Holdings	China	YES	YES	29	97,645,759
11	Southern Company	United States	NO	YES	15	94,839,824
12	Duke Energy	United States	NO	YES	15	93,956,682
13	NRG Energy	United States	NO	YES	17	92,966,708
14	American Electric Power Co	United States	NO	YES	9	87,596,600
15	RWE	Germany	NO	YES	13	79,964,585
16	North China Grid Co Ltd	China	YES	NO	29	72,872,466
17	E.ON	Germany	NO	YES	25	65,771,927
18	Berkshire Hathaway Energy	United States	NO	NO	10	61,267,972
19	AGL Energy	Australia	NO	YES	4	60,329,581
20	State Grid Power Corp	China	YES	NO	28	58,341,956

Table 14: Carbon Intensity, Air Pollution, and Water Stress of the Largest 100 SCPS Portfolios

Rank by total SCPS MWh	Portfolio/Company	Number of SCPSs	SCPS portfolio mean carbon intensity (CO2 kg/MWh)	SCPS portfolio mean 100km radius PM 2.5 levels	SCPS portfolio mean Water Stress	Percentage of SCPS portfolio located in areas with air pollution exceeding the WHO PM 2.5 limit	Percentage of SCPS portfolio in extremely high water stress catchments	Percentage of SCPS portfolio with air pollution exceeding the WHO PM 2.5 limit AND with extremely high water stress
1	China Huaneng Group	66	1,051	44	50.01%	77.27%	31.82%	27.27%
2	Huadian Group	69	1,029	50	51.26%	82.61%	34.78%	27.54%
3	China Guodian Group	65	1,016	43	48.62%	89.23%	29.23%	26.15%
4	China Datang Corp	52	1,049	46	64.24%	88.46%	48.08%	46.15%
5	NTPC	24	973	41	37.35%	95.83%	25.00%	20.83%
6	Eskom	11	1,026	8	23.40%	0.00%	0.00%	0.00%
7	Shenhua Group	36	960	38	61.84%	86.11%	36.11%	27.78%
8	China Power Investment Corp	41	1,046	51	53.33%	87.80%	43.90%	39.02%
9	AES Corporation	12	993	8	7.48%	0.00%	0.00%	0.00%
10	China Resources Power Holdings	29	1,028	66	49.57%	100.00%	31.03%	31.03%
11	Southern Company	15	1,016	6	15.00%	0.00%	0.00%	0.00%
12	Duke Energy	15	987	8	19.89%	0.00%	0.00%	0.00%
13	NRG Energy	17	1,034	7	32.51%	0.00%	17.65%	0.00%
14	American Electric Power Co	9	999	8	8.22%	0.00%	0.00%	0.00%
15	RWE	13	996	14	19.60%	0.00%	7.69%	0.00%
16	North China Grid Co Ltd	29	1,154	66	87.97%	96.55%	79.31%	79.31%
17	E.ON	25	971	12	28.51%	0.00%	12.00%	0.00%
18	Berkshire Hathaway Energy	10	1,067	7	32.24%	0.00%	20.00%	0.00%
19	AGL Energy	4	1,064	2	54.73%	0.00%	0.00%	0.00%
20	State Grid Power Corp	28	1,136	61	35.18%	96.43%	14.29%	10.71%