Portfolio overlap

CCSO / HAPI

Overlap	Shared positions
0.35%	2

Carbon Collective Climate Solutions U.S. Equity ETF

Report dates 01/31/2023 | 96.19% NAV

Overlap / CCSO 6.45%

Harbor Human Capital Factor US Large Cap ETF

Report dates 01/31/2023 | 99.83% NAV

Overlap / HAPI 0.35%

Largest shared positions

Security	CCSO	HAPI	Overlap
Consolidated Edison Inc	3.42%	0.20%	0.20%
Enphase Energy Inc	3.03%	0.15%	0.15%

Weights are percentages of each fund's net assets. Shared weight is the sum of the smallest weight per matched common-stock class. Unmatched positions are excluded without renormalizing the weights.

History





2 matched portfolio dates from 10/31/2022 to 01/31/2023. Both filings use the same portfolio date. The minimum matched share of net assets is 96.19%. The filing dates are 58–59 days after the portfolio dates. This is filing lag. The archive does not establish an exact intraday release time.

Largest changes

10/31/2022 / 01/31/2023 -0.52 pp

Security	Overlap 10/31/2022	Overlap 01/31/2023	Change (pp)
Sempra Energy	0.28%	0.00%	-0.28
Eversource Energy	0.17%	0.00%	-0.17
Enphase Energy Inc	0.23%	0.15%	-0.08
Consolidated Edison Inc	0.19%	0.20%	+0.0027
All other shared classes			0.00

Sources and methodology

Weights are percentages of each fund's net assets. Shared weight is the sum of the smallest weight per matched common-stock class. Unmatched positions are excluded without renormalizing the weights.

nport-common-equity-v1

Report dates	Weight (%)	Classes	CCSO · SEC	HAPI · SEC
01/31/2023	0.35%	2	0001387131-23-004200	0001752724-23-075628
10/31/2022	0.86%	4	0001387131-22-012852	0001752724-22-297744