

Insights

ECB Sets Deadlines for Euro Zone Banks to Deal With Climate Risks

The European Central Bank on Wednesday set staggered deadlines for euro zone banks to meet its climate disclosure and management expectations by 2024. *See page 8.*

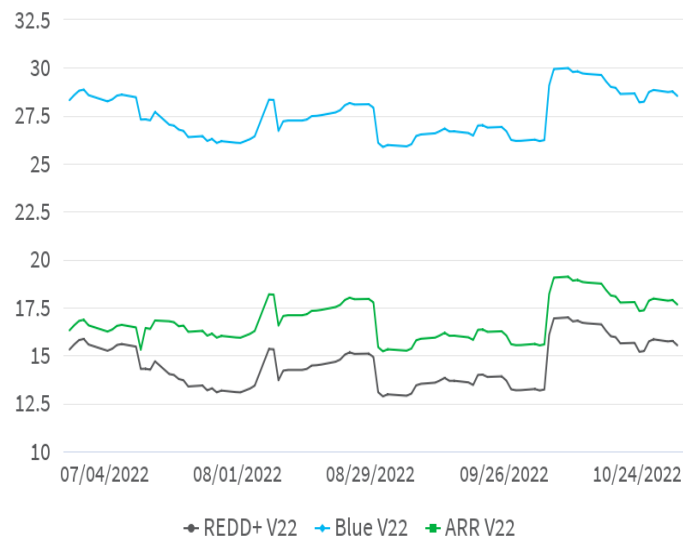
International Maritime Organization's Carbon Intensity Measures in Effect

The International Maritime Organization's latest emissions-reduction measures came into effect Tuesday, officially introducing the agency's newest regulatory move granting an efficiency rating to ships. *See page 8.*

Almost All Large Companies Are on Track to Miss Climate Goals, Report Says

More than 90% of the world's largest companies will fail to achieve their net zero goals if they do not at least double the pace of emissions reduction by 2030, a new study has warned. *See page 8.*

Forestry Credits Average Prices (US\$/mt)



Key Benchmarks

FORESTRY CREDITS AVERAGES (US\$/MT)

Product	Price	+/-	MTD	30-Day
REDD+ V22	15.533	-0.230	15.648	15.231
Blue V22	28.533	-0.230	28.648	28.232
ARR V22	17.658	-0.230	17.773	17.431

CO-BENEFITS STANDARDS (US\$/MT)

Product	Price	+/-	MTD	Wk. Avg
CCB	3.500	0.000	3.500	3.500
CCB Gold	3.700	0.000	3.700	3.700
SD VISTA	3.000	0.000	3.000	3.000

CORSIA ELIGIBLE OFFSETS (US\$/MT)

Product	Price	+/-	MTD	Wk. Avg
CEO	3.370	-0.125	3.433	3.433

CORE CARBON CREDITS (US\$/MT)

Product	Price	+/-	MTD	Wk. Avg
CCP	9.970	-0.250	10.095	10.466

CARBON NEUTRAL FUELS INDEX

Product	\$/Gal	+/-	\$/Bbl	+/-	\$/MT	+/-
CNFI Butane	0.065	0.000	2.805	-0.070	30.240	-0.755
CNFI Diesel No 2	0.100	-0.005	4.290	-0.105	31.945	-0.800
CNFI Gasoline	0.090	0.000	3.690	-0.090	30.725	-0.770
CNFI Heavy Fuel Oil	0.120	0.000	5.035	-0.125	32.190	-0.810
CNFI Jet Fuel	0.095	0.000	4.030	-0.105	31.710	-0.800
CNFI Light Fuel Oil	0.115	0.000	4.690	-0.120	31.415	-0.790
CNFI Propane	0.060	0.000	2.410	-0.060	29.890	-0.750

TABLE OF CONTENTS

Voluntary REDD+ Credits.....	2
Blue Carbon Credits.....	3
Afforestation/Reforestation Credits.....	4
Forestry Credits Averages.....	5
Co-benefits Standards.....	6
CORSIA Eligible Offsets.....	6
California Carbon Offsets.....	6
Market Analysis.....	6
Core Carbon Credits.....	7
Carbon Neutral Fuels Index.....	7
News.....	8
Carbon Offsets Trades.....	10

Voluntary REDD+ Credits (US\$/mt)

Product	Low	High	Mean	+/-	Wk. Avg.	MTD
Tier 1						
REDD+ Retro	4.01	7.35	5.680	-0.315	5.822	5.838
REDD+ V16	5.62	7.35	6.485	-0.315	6.677	6.643
REDD+ V17	8.50	11.60	10.050	-0.450	10.273	10.275
REDD+ V18	11.25	12.25	11.750	-0.065	11.665	11.782
REDD+ V19	11.50	13.25	12.375	-0.905	13.103	12.828
REDD+ V20	12.80	15.10	13.950	-0.230	14.138	14.065
REDD+ V21	13.30	15.60	14.450	-0.230	14.638	14.565
REDD+ V22	13.80	16.10	14.950	-0.230	15.138	15.065
REDD+ V23	14.30	16.60	15.450	-0.230	15.638	15.565
REDD+ V24	14.80	17.10	15.950	-0.230	16.138	16.065
REDD+ V25	15.30	17.60	16.450	-0.230	16.638	16.565
Tier 2						
REDD+ Retro	4.76	8.10	6.430	-0.315	6.572	6.588
REDD+ V16	6.37	8.10	7.235	-0.315	7.427	7.393
REDD+ V17	9.25	12.35	10.800	-0.450	11.023	11.025
REDD+ V18	12.00	13.00	12.500	-0.065	12.415	12.532
REDD+ V19	12.25	14.00	13.125	-0.905	13.853	13.578
REDD+ V20	13.55	15.85	14.700	-0.230	14.888	14.815
REDD+ V21	14.05	16.35	15.200	-0.230	15.388	15.315
REDD+ V22	14.55	16.85	15.700	-0.230	15.888	15.815
REDD+ V23	15.05	17.35	16.200	-0.230	16.388	16.315
REDD+ V24	15.55	17.85	16.700	-0.230	16.888	16.815
REDD+ V25	16.05	18.35	17.200	-0.230	17.388	17.315
Tier 3						
REDD+ Retro	5.01	8.35	6.680	-0.315	6.822	6.838
REDD+ V16	6.62	8.35	7.485	-0.315	7.677	7.643
REDD+ V17	9.50	12.60	11.050	-0.450	11.273	11.275
REDD+ V18	12.25	13.52	12.885	-0.065	12.800	12.918
REDD+ V19	12.50	14.25	13.375	-0.905	14.103	13.828
REDD+ V20	13.80	16.10	14.950	-0.230	15.138	15.065
REDD+ V21	14.30	16.60	15.450	-0.230	15.638	15.565
REDD+ V22	14.80	17.10	15.950	-0.230	16.138	16.065
REDD+ V23	15.30	17.60	16.450	-0.230	16.638	16.565
REDD+ V24	15.80	18.10	16.950	-0.230	17.138	17.065
REDD+ V25	16.30	18.60	17.450	-0.230	17.638	17.565

Volumes: Tier 1: 350k+, Tier 2: 50k-349k, Tier 3: 2k-49k

Blue Carbon Credits (US\$/mt)

Product	Low	High	Mean	+/-	Wk. Avg.	MTD
Tier 1						
Blue Retro	17.01	20.35	18.680	-0.315	18.822	18.838
Blue V16	18.62	20.35	19.485	-0.315	19.677	19.643
Blue V17	21.50	24.60	23.050	-0.450	23.273	23.275
Blue V18	24.25	25.25	24.750	-0.065	24.665	24.783
Blue V19	24.50	26.25	25.375	-0.905	26.103	25.828
Blue V20	25.80	28.10	26.950	-0.230	27.138	27.065
Blue V21	26.30	28.60	27.450	-0.230	27.638	27.565
Blue V22	26.80	29.10	27.950	-0.230	28.138	28.065
Blue V23	27.30	29.60	28.450	-0.230	28.638	28.565
Blue V24	27.80	30.10	28.950	-0.230	29.138	29.065
Blue V25	28.30	30.60	29.450	-0.230	29.638	29.565
Tier 2						
Blue Retro	17.76	21.10	19.430	-0.315	19.572	19.588
Blue V16	19.37	21.10	20.235	-0.315	20.427	20.393
Blue V17	22.25	25.35	23.800	-0.450	24.023	24.025
Blue V18	25.00	26.00	25.500	-0.065	25.415	25.533
Blue V19	25.25	27.00	26.125	-0.905	26.853	26.578
Blue V20	26.55	28.85	27.700	-0.230	27.888	27.815
Blue V21	27.05	29.35	28.200	-0.230	28.388	28.315
Blue V22	27.55	29.85	28.700	-0.230	28.888	28.815
Blue V23	28.05	30.35	29.200	-0.230	29.388	29.315
Blue V24	28.55	30.85	29.700	-0.230	29.888	29.815
Blue V25	29.05	31.35	30.200	-0.230	30.388	30.315
Tier 3						
Blue Retro	18.01	21.35	19.680	-0.315	19.822	19.838
Blue V16	19.62	21.35	20.485	-0.315	20.677	20.643
Blue V17	22.50	25.60	24.050	-0.450	24.273	24.275
Blue V18	25.25	26.52	25.885	-0.065	25.800	25.918
Blue V19	25.50	27.25	26.375	-0.905	27.103	26.828
Blue V20	26.80	29.10	27.950	-0.230	28.138	28.065
Blue V21	27.30	29.60	28.450	-0.230	28.638	28.565
Blue V22	27.80	30.10	28.950	-0.230	29.138	29.065
Blue V23	28.30	30.60	29.450	-0.230	29.638	29.565
Blue V24	28.80	31.10	29.950	-0.230	30.138	30.065
Blue V25	29.30	31.60	30.450	-0.230	30.638	30.565

Volumes: Tier 1: 350k+, Tier 2: 50k-349k, Tier 3: 2k-49k

Afforestation/Reforestation Credits (US\$/mt)

Product	Low	High	Mean	+/-	Wk. Avg.	MTD
Tier 1						
ARR Retro	5.51	8.85	7.180	-0.315	7.322	7.338
ARR V16	7.12	8.85	7.985	-0.315	8.177	8.143
ARR V17	10.00	13.10	11.550	-0.450	11.773	11.775
ARR V18	12.75	13.75	13.250	-0.065	13.165	13.282
ARR V19	13.00	14.75	13.875	-0.905	14.603	14.328
ARR V20	14.30	16.60	15.450	-0.230	15.638	15.565
ARR V21	14.80	17.10	15.950	-0.230	16.138	16.065
ARR V22	15.30	18.60	16.950	-0.230	17.138	17.065
ARR V23	15.80	19.60	17.700	-0.230	17.888	17.815
ARR V24	16.30	20.60	18.450	-0.230	18.638	18.565
ARR V25	16.80	22.60	19.700	-0.230	19.888	19.815
Tier 2						
ARR Retro	6.26	9.60	7.930	-0.315	8.072	8.087
ARR V16	7.87	9.60	8.735	-0.315	8.927	8.893
ARR V17	10.75	13.85	12.300	-0.450	12.523	12.525
ARR V18	13.50	14.50	14.000	-0.065	13.915	14.032
ARR V19	13.75	15.50	14.625	-0.905	15.353	15.078
ARR V20	15.05	17.35	16.200	-0.230	16.388	16.315
ARR V21	15.55	17.85	16.700	-0.230	16.888	16.815
ARR V22	16.05	19.60	17.825	-0.230	18.013	17.940
ARR V23	16.55	20.60	18.575	-0.230	18.763	18.690
ARR V24	17.05	22.60	19.825	-0.230	20.013	19.940
ARR V25	17.55	24.35	20.950	-0.230	21.138	21.065
Tier 3						
ARR Retro	6.51	9.85	8.180	-0.315	8.322	8.337
ARR V16	8.12	9.85	8.985	-0.315	9.177	9.143
ARR V17	11.00	14.10	12.550	-0.450	12.773	12.775
ARR V18	13.75	15.02	14.385	-0.065	14.300	14.418
ARR V19	14.00	15.75	14.875	-0.905	15.603	15.328
ARR V20	15.30	17.60	16.450	-0.230	16.638	16.565
ARR V21	15.80	18.10	16.950	-0.230	17.138	17.065
ARR V22	16.30	20.10	18.200	-0.230	18.388	18.315
ARR V23	16.80	21.10	18.950	-0.230	19.138	19.065
ARR V24	17.30	23.10	20.200	-0.230	20.388	20.315
ARR V25	17.80	24.85	21.325	-0.230	21.513	21.440

Volumes: Tier 1: 350k+, Tier 2: 50k-349k, Tier 3: 2k-49k

Voluntary REDD+ Credits Average (US\$/mt)

Product	Price	+/-	MTD	+/-	30-Day	+/-
REDD+ Retro	6.263	-0.315	6.421	-0.158	8.568	-0.157
REDD+ V16	7.068	-0.315	7.226	-0.157	9.938	-0.147
REDD+ V17	10.633	-0.450	10.858	-0.225	11.774	-0.035
REDD+ V18	12.378	-0.065	12.411	-0.033	12.798	0.013
REDD+ V19	12.958	-0.905	13.411	-0.452	13.642	0.016
REDD+ V20	14.533	-0.230	14.648	-0.115	14.231	0.051
REDD+ V21	15.033	-0.230	15.148	-0.115	14.731	0.051
REDD+ V22	15.533	-0.230	15.648	-0.115	15.231	0.051
REDD+ V23	16.033	-0.230	16.148	-0.115	15.731	0.051
REDD+ V24	16.533	-0.230	16.648	-0.115	16.237	0.051
REDD+ V25	17.033	-0.230	17.148	-0.115	16.745	0.050

REDD+ vintages averaged across tiers

Blue Carbon Credits Average (US\$/mt)

Product	Price	+/-	MTD	+/-	30-Day	+/-
Blue Retro	19.263	-0.315	19.421	-0.157	21.568	-0.157
Blue V16	20.068	-0.315	20.226	-0.158	22.938	-0.147
Blue V17	23.633	-0.450	23.858	-0.225	24.774	-0.035
Blue V18	25.378	-0.065	25.411	-0.032	25.799	0.013
Blue V19	25.958	-0.905	26.411	-0.453	26.642	0.016
Blue V20	27.533	-0.230	27.648	-0.115	27.232	0.051
Blue V21	28.033	-0.230	28.148	-0.115	27.732	0.052
Blue V22	28.533	-0.230	28.648	-0.115	28.232	0.052
Blue V23	29.033	-0.230	29.148	-0.115	28.732	0.052
Blue V24	29.533	-0.230	29.648	-0.115	29.237	0.051
Blue V25	30.033	-0.230	30.148	-0.115	29.745	0.050

Blue vintages averaged across tiers

Afforestation/Reforestation Credits Average (US\$/mt)

Product	Price	+/-	MTD	+/-	30-Day	+/-
ARR Retro	7.763	-0.315	7.921	-0.158	10.068	-0.157
ARR V16	8.568	-0.315	8.726	-0.158	11.438	-0.147
ARR V17	12.133	-0.450	12.358	-0.225	13.274	-0.035
ARR V18	13.878	-0.065	13.911	-0.033	14.298	0.013
ARR V19	14.458	-0.905	14.911	-0.452	15.142	0.016
ARR V20	16.033	-0.230	16.148	-0.115	15.731	0.051
ARR V21	16.533	-0.230	16.648	-0.115	16.231	0.051
ARR V22	17.658	-0.230	17.773	-0.115	17.431	0.044
ARR V23	18.408	-0.230	18.523	-0.115	18.179	0.044
ARR V24	19.492	-0.230	19.607	-0.115	19.350	0.035
ARR V25	20.658	-0.230	20.773	-0.115	20.520	0.035

ARR vintages averaged across tiers

Co-benefits Standards (US\$/mt)

Product	Low	High	Mean	+/-	Wk. Avg.	MTD
CCB	2.00	5.00	3.500	0.000	3.500	3.500
CCB Gold	2.20	5.20	3.700	0.000	3.700	3.700
SD V1Sta	1.00	5.00	3.000	0.000	3.000	3.000

CORSIA Eligible Offsets (US\$/mt)

Product	Low	High	Mean	+/-	Wk. Avg.	MTD
CEO	3.34	3.40	3.370	-0.125	3.433	3.433

California Carbon Offsets (US\$/mt)

Product	Timing	Low	High	Mean	+/-	Wk. Avg.	MTD
Golden CCO	2022	18.75	18.85	18.800	0.000	18.800	18.800
CCO(3)	2022	18.00	18.10	18.050	0.000	18.050	18.050
CCO(8)	2022	17.90	18.00	17.950	0.000	17.950	17.950
DEBS Golden CCO	2022	22.25	22.35	22.300	0.000	22.250	22.300
DEBS CCO(3)	2022	21.50	21.60	21.550	0.000	21.500	21.550
DEBS CCO(8)	2022	21.40	21.50	21.450	0.000	21.400	21.450
Zero CCO	Nov 2022	18.95	19.05	19.000	0.000	19.000	19.000
Zero CCO	Dec 2022	19.05	19.15	19.100	0.000	19.100	19.100
Zero CCO	Dec 2023	20.00	20.10	20.050	0.000	20.050	20.050
Zero CCO	Dec 2024	20.75	20.85	20.800	0.000	20.830	20.800

Voluntary Carbon Market Analysis

OPIS forestry credit assessments fell as much as 90.5cts/mt Wednesday after declines in both the electronic and OTC markets.

Bids and offers in the OTC/bilateral markets have increased during the last week in connection with end-year retirements -- a typical seasonal occurrence -- and also ahead of the COP27 conference, starting Monday in Egypt, sources said.

V17 credits for a REDD+ project in Asia were bid from \$9-\$9.50/mt for a volume within OPIS Tier 2 (50,000 to 349,999 credits). A separate bid for V17 credits for another REDD+ project in Asia was also reported from \$9-\$9.50/mt for a volume within OPIS Tier 3 volumes (2,000 to 49,999 credits). Based on these bids, the OPIS Tier 3 and Tier 2 V17 lows were both dropped 50cts to \$9.50/mt and \$9.25/mt, respectively.

V18 credits for a REDD+ project in Asia were bid between \$12-\$13/mt for a volume within OPIS Tier 2, and V19 credits for a separate REDD+ project in Asia were bid between \$12.50 and \$13.50/mt for a volume within OPIS Tier 3. The OPIS Tier 2 V18 low rose 85cts to \$12/

mt based on the bid, while the OPIS Tier 3 V19 low fell 6cts to \$12.50/mt. Lows for V19 and newer vintages were all down by 6cts.

In line with the OTC bids for V18s, the CME N-GEO December 2024 futures contract settled at \$11.91/mt. Sources previously told OPIS the December 2024 contract prices were used as a benchmark for OTC V18s.

In addition, offers were heard for V18 credits at \$13/mt for a REDD+ project in Africa within OPIS Tier 2 volumes; for V19 credits at \$14/mt for a REDD+ project in Latin America within OPIS Tier 2 volumes; and for V20 credits at \$16.10/mt for a REDD+ project in Asia within OPIS Tier 3 volumes. Those offers set the highs for the respective Tiers and vintages. All highs fell by at least 40cts/mt compared with Tuesday.

Trades for CME N-GEO December 2022 were observed from \$6.62/mt-\$6.82/mt for volumes within OPIS Tier 3. The low end of the OPIS Tier 3 V16 and Retro assessment ranges fell 23cts.

In CORSIA markets, the OPIS CEO assessment fell 12.5cts to \$3.37/mt.

Core Carbon Credits (US\$/mt)

Product	Low	High	Mean	+/-	Wk. Avg.	MTD
CCP	3.34	16.60	9.970	-0.250	10.466	10.095

Carbon Neutral Fuels Index

Liquid Product	US\$/Gal	Mean	+/-	US\$/Bbl	Mean	+/-	US\$/MT	Mean	+/-			
CNFI Aviation Gasoline	0.03-0.15	0.090	0.000	1.24-6.15	3.695	-0.090	10.66-53.00	31.830	-0.800			
CNFI Biodiesel 100%	0.03-0.15	0.090	0.000	1.25-6.23	3.740	-0.095	8.85-43.99	26.420	-0.665			
CNFI Biodiesel HVO 100%	0.03-0.15	0.090	-0.005	1.29-6.41	3.850	-0.100	10.42-51.79	31.105	-0.780			
CNFI Butane	0.02-0.11	0.065	0.000	0.94-4.67	2.805	-0.070	10.13-50.35	30.240	-0.755			
CNFI Diesel No 2	0.03-0.17	0.100	-0.005	1.44-7.14	4.290	-0.105	10.70-53.19	31.945	-0.800			
CNFI Ethane	0.01-0.07	0.040	0.000	0.57-2.83	1.700	-0.045	10.04-49.88	29.960	-0.755			
CNFI Ethanol	0.02-0.09	0.055	-0.005	0.80-3.98	2.390	-0.065	6.39-31.76	19.075	-0.475			
CNFI Gas Oil	0.03-0.17	0.100	-0.010	1.46-7.28	4.370	-0.110	10.79-53.62	32.205	-0.805			
CNFI Gasoline	0.03-0.15	0.090	0.000	1.24-6.14	3.690	-0.090	10.29-51.16	30.725	-0.770			
CNFI Heavy Fuel Oil	0.04-0.20	0.120	0.000	1.69-8.38	5.035	-0.125	10.78-53.60	32.190	-0.810			
CNFI Jet Fuel	0.03-0.16	0.095	0.000	1.35-6.71	4.030	-0.105	10.62-52.80	31.710	-0.800			
CNFI Kerosene	0.03-0.16	0.095	0.000	1.35-6.71	4.030	-0.100	10.57-52.54	31.555	-0.795			
CNFI Light Fuel Oil	0.04-0.19	0.115	0.000	1.57-7.81	4.690	-0.120	10.52-52.31	31.415	-0.790			
CNFI Naphtha	0.03-0.13	0.080	-0.005	1.13-5.59	3.360	-0.085	10.50-52.17	31.335	-0.785			
CNFI Propane	0.02-0.10	0.060	0.000	0.81-4.01	2.410	-0.060	10.01-49.77	29.890	-0.750			
CNFI IMO Diesel/Gas Oil	--	--	--	--	--	--	10.71-53.22	31.965	-0.800			
CNFI IMO Ethanol	--	--	--	--	--	--	6.39-31.76	19.075	-0.475			
CNFI IMO Heavy Fuel Oil	--	--	--	--	--	--	10.40-51.69	31.045	-0.780			
CNFI IMO Light Fuel Oil	--	--	--	--	--	--	10.52-52.31	31.415	-0.790			
CNFI IMO LNG	--	--	--	--	--	--	9.18-45.65	27.415	-0.690			
CNFI IMO LPG Butane	--	--	--	--	--	--	10.12-50.30	30.210	-0.755			
CNFI IMO LPG Propane	--	--	--	--	--	--	10.02-49.80	29.910	-0.750			
CNFI IMO Methanol	--	--	--	--	--	--	4.59-22.83	13.710	-0.345			
Gaseous Product	US\$/MMBtu	Mean	+/-	US\$/DGE	Mean	+/-	US\$/MT	Mean	+/-			
CNFI Compressed Natural Gas	0.18-0.92	0.550	-0.015	0.02-0.12	0.070	-0.005	8.48-42.13	25.305	-0.635			
CNFI LNG	0.18-0.92	0.550	-0.015	0.03-0.13	0.080	0.000	9.18-45.65	27.415	-0.690			
	US\$/MMBtu	Mean	+/-	US\$/MCF	Mean	+/-	US\$/Therm	Mean	+/-	US\$/MT	Mean	+/-
CNFI Natural Gas	0.18-0.92	0.550	-0.015	0.19-0.95	0.570	-0.015	0.02-0.09	0.055	0.000	8.48-42.13	25.305	-0.635

ECB Sets Deadlines for Euro Zone Banks to Deal With Climate Risks

The European Central Bank on Wednesday set staggered deadlines for euro zone banks to meet its climate disclosure and management expectations by 2024.

The move came after a review of 186 banks found that most had failed to meet the goals laid out by the ECB in 2020.

The review was aimed at checking whether the institutions adequately identified and managed climate and environmental risks.

It revealed that they still lacked sophisticated methodologies and granular information on such risks and lagged in effective implementation of their practices.

"As a result, banks continue to significantly underestimate the breadth and magnitude of such risks, and almost all banks (96%) have blind spots in identifying them," the ECB said in a news release.

The ECB has now set institution-specific deadlines for achieving full alignment with its expectations by the end of 2024.

As a first step, the ECB expects the banks to adequately categorize the risks and to conduct a full assessment of their impact on the banks' activities by March 2023 at the latest.

It also wants the banks to include climate and environmental risks in their governance, strategy and risk management by the end of 2023.

And by the end of 2024, the banks must meet all remaining targets including stress testing, the ECB said.

"The deadlines will be closely monitored and, if necessary, enforcement action will be taken," the central bank warned.

--Reporting by Abdul Latheef, alatheef@opisnet.com; Editing by Michael Kelly, mkelly@opisnet.com

International Maritime Organization's Carbon Intensity Measures in Effect

The International Maritime Organization's latest emissions-reduction measures came into effect Tuesday, officially introducing the agency's newest regulatory move granting an efficiency rating to ships.

The new regulations will require shipowners to perform an Energy Efficiency Existing Ship Index (EEXI) calculation on each of their vessels.

The calculation, which will factor in CO2 emissions per distance traveled vs.

cargo capacity expressed in deadweight tons, will be expressed as a carbon intensity indicator (CII) rating.

This CII system will assign a ship an annual rating ranging from A to E, whereby the rating thresholds will become increasingly stringent toward 2030.

Under this system, poorly performing vessels that achieve a D rating for three consecutive years, or an E rating in a single year, will be required to submit a corrective action plan.

Although an Energy Efficiency Design Index (EEDI) has been required for new ship builds for some time, these new IMO regulations will be the first to apply to existing vessels.

The requirement to begin calculating the EEXI and the CII certification will become mandatory Jan. 1, with the first annual reporting to be completed next year with an initial CII rating awarded in 2024.

--Reporting by Erik Papke, Epapke@opisnet.com; Editing by Eric Wieser, ewieser@opisnet.com, and Barbara Chuck, bchuck@opisnet.com

Almost All Large Companies Are on Track to Miss Climate Goals, Report Says

More than 90% of the world's largest companies will fail to achieve their net zero goals if they do not at least double the pace of emissions reduction by 2030, a new study has warned.

The report, *Accelerating Global Companies Toward Net Zero by 2050*, was released late Tuesday by global professional services company Accenture.

The analysis is based on the Accenture Global 2000, a list of the top 2,000 public and private companies in the world by revenue.

Only 7% of the companies are on track to achieve their net zero targets for Scopes 1 and 2 emissions, the report said. Scope 1 refers to direct emissions from owned or controlled sources, and Scope 2 emissions are associated with the purchase of energy.

The report found that growing energy price inflation and supply insecurity were pushing commitments out of reach, even as more companies were setting clear and publicly visible decarbonization goals.

"Amid global economic, political and environmental disruption, more companies than ever before have publicly committed to largely decarbonizing by around 2050. This heightened ambition is encouraging, but it is also clear that a steep acceleration of emission reductions is required," Jean-Marc Ollagnier, CEO of Accenture Europe, said in a news release accompanying the report.

Entities that deploy multiple strategies to achieve decarbonization have been shown to be more successful at reducing emissions, the report said, adding that 109 such companies have cut emissions rapidly.

To speed up decarbonization efforts, the report urged companies to become "carbon intelligent."

"This means integrating emissions data and insights into core business decision-making, allowing companies to prioritize, execute and scale decarbonization in this decade," it said.

--Reporting by Abdul Latheef, alatheef@opisnet.com; Editing by Barbara Chuck, bchuck@opisnet.com

Itochu to Helm Japan's First Demonstration Project on Imported SAF

Japan's Civil Aviation Bureau and Ministry of Land, Infrastructure, Transport and Tourism has selected Itochu Corporation to helm the country's first demonstration project on importing neat sustainable aviation fuel (SAF) for domestic blending and consumption for the first time, according to an Itochu news release published Tuesday.

Itochu will import neat SAF from Neste OYJ around January, work with Fuji Oil to blend neat SAF with conventional jet fuel and have the product certified before delivery to Chubu Centrair International Airport around February for use in a flight inspection aircraft.

SAF supply may be expanded to Kansai International Airport and other airports.

Technical knowledge gleaned from this demonstration will aid Japan in developing a logistic network for domestic and imported SAF on a much larger scale, according to the news release.

Itochu recently leveraged on its SAF supply chains at Japan's Haneda and Narita Airport to supply Etihad Airways with SAF for its flight from Narita Airport on Monday, as previously reported by OPIS.

--Reporting by Kite Chong, kchong@opisnet.com; Editing by Hanwei Wu, hwu@opisnet.com

The Andersons' Renewables Segment Sees Improved Q3 Performance

The Andersons' Renewables segment saw its third-quarter performance improve significantly from a year earlier, the Ohio-based agricultural and transportation company said Tuesday.

The segment had record third-quarter EBITDA of \$34 million in 2022, up \$14.8 million from 2021 third-quarter EBITDA of \$19.2 million.

The segment also reported pretax income of \$15.9 million and pretax income attributable to the company of \$8.4 million in the third quarter compared with a pretax loss of \$5.2 million and a

pretax loss attributable to the company of \$3.6 million realized in the same period in 2021.

"Nearly all of the improvement from the third quarter of 2021 resulted from better margins in our ethanol plants," the company said. "This was particularly evident in our eastern plants where corn basis was lower in front of an expected good harvest.

"High co-product values continue to support our results. Increased corn basis in the western U.S. may negatively impact ethanol margins in that region, while our eastern corn belt production facilities are well-positioned for corn supply."

Expected margin declines into the fourth quarter, the company added, will negatively impact performance as compared with the fourth quarter of 2021, "when industry margins were at record highs."

Executive Vice President and CFO Brian Valentine said The Andersons' businesses "continue to generate strong operating cash flows, and we remain disciplined in our approach to capital spending."

"We also began to execute share repurchases in the third quarter under our \$100 million board authorization," he added, "and continue to be well below our long-term debt to EBITDA target of less than 2.5 times."

--Reporting by Michael Schneider, mschneider@opisnet.com; Editing by Michael Kelly, mkelly@opisnet.com

Carbon Offsets Trades

Trade Date	Product	Vintage	Price (\$)	Delivery Time	Volume	Notes
11/02/2022	CEO	Combo	3.40	Nov'22	5,000	CBL GEO
11/02/2022	AFOLU	Combo	6.80	Nov'22	Tier 3	CBL N-GEO
11/02/2022	AFOLU	Combo	6.62	Dec'22	Tier 3	CME N-GEO
11/02/2022	CEO	Combo	3.34	Dec'22	1,000	CME GEO
11/02/2022	CEO	Combo	3.37	Dec'22	4,000	CME GEO
11/02/2022	CEO	Combo	3.39	Dec'22	1,000	CME GEO
11/02/2022	AFOLU	Combo	6.69	Dec'22	Tier 3	CME N-GEO
11/02/2022	AFOLU	Combo	6.66	Dec'22	Tier 3	CME N-GEO
11/02/2022	AFOLU	Combo	6.73	Dec'22	Tier 3	CME N-GEO
11/02/2022	AFOLU	Combo	6.76	Dec'22	Tier 3	CME N-GEO
11/02/2022	AFOLU	Combo	6.76	Dec'22	Tier 3	CME N-GEO
11/02/2022	AFOLU	Combo	6.80	Dec'22	Tier 3	CME N-GEO
11/02/2022	AFOLU	Combo	6.68	Nov'22	Tier 3	CME N-GEO
11/02/2022	AFOLU	Combo	6.77	Nov'22	Tier 3	CME N-GEO
11/02/2022	AFOLU	Combo	6.82	Dec'22	Tier 3	CME N-GEO
11/01/2022	AFOLU	Combo	6.85	Nov'22	Tier 3	CBL N-GEO
11/01/2022	AFOLU	Combo	6.85	Nov'22	Tier 3	CBL N-GEO
11/01/2022	CEO	Combo	3.46	Dec'22	1,000	CME GEO
11/01/2022	CEO	Combo	3.44	Nov'22	2,000	CME GEO
11/01/2022	AFOLU	Combo	6.89	Dec'22	Tier 3	CME N-GEO
11/01/2022	AFOLU	Combo	6.94	Nov'22	Tier 3	CME N-GEO
11/01/2022	CEO	Combo	3.47	Dec'22	3,000	CME GEO
11/01/2022	CEO	Combo	3.48	Nov'22	2,000	CME GEO
11/01/2022	CEO	Combo	3.55	Dec'22	25,000	CME GEO, block
11/01/2022	CEO	Combo	3.51	Dec'22	1,000	CME GEO
11/01/2022	CEO	Combo	3.52	Dec'22	1,000	CME GEO
11/01/2022	CEO	Combo	3.47	Dec'22	2,000	CME GEO
11/01/2022	CEO	Combo	3.52	Dec'22	4,000	CME GEO
11/01/2022	CEO	Combo	3.52	Dec'22	5,000	CME GEO
11/01/2022	AFOLU	Combo	6.95	Dec'22	Tier 3	CME N-GEO
11/01/2022	AFOLU	Combo	6.99	Dec'22	Tier 3	CME N-GEO
11/01/2022	AFOLU	Combo	6.99	Dec'22	Tier 3	CME N-GEO
11/01/2022	AFOLU	Combo	7.00	Dec'22	Tier 3	CME N-GEO
11/01/2022	AFOLU	Combo	7.00	Dec'22	Tier 3	CME N-GEO
11/01/2022	AFOLU	Combo	6.99	Nov'22	Tier 3	CME N-GEO
11/01/2022	AFOLU	Combo	7.02	Nov'22	Tier 3	CME N-GEO
11/01/2022	CEO	Combo	3.51	Nov'22	2,000	CME GEO
11/01/2022	CEO	Combo	3.51	Nov'22	12,000	CME GEO
10/31/2022	REDD+	V14	8.50	Oct'22	Tier 2	Asia, CCB Gold Triple

10/31/2022	REDD+	V14	7.10	Oct'22	Tier 3	Latin America, CCB Gold Single
10/31/2022	REDD+	V17	13.00	Oct'22	Tier 3	Latin America, CCB Gold Single
10/31/2022	AFOLU	Combo	6.85	Dec'22	Tier 3	ICE NBS V17-V21
10/31/2022	AFOLU	Combo	6.85	Dec'22	Tier 3	ICE NBS V17-V21
10/31/2022	AFOLU	Combo	6.85	Dec'22	Tier 3	ICE NBS V17-V21
10/31/2022	CEO	Combo	3.50	Dec'22	5,000	CME GEO
10/31/2022	AFOLU	Combo	6.96	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	6.93	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	6.90	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	7.06	Nov'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	6.91	Nov'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	7.25	Oct'22	Tier 3	CBL N-GEO
10/31/2022	AFOLU	Combo	7.25	Oct'22	Tier 3	CBL N-GEO
10/31/2022	AFOLU	Combo	6.90	Oct'22	Tier 3	CBL N-GEO
10/31/2022	AFOLU	Combo	6.83	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	6.79	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	6.83	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	6.84	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	6.88	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	6.90	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	6.93	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	7.01	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	6.92	Nov'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	6.94	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	7.00	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	7.06	Nov'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	7.10	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	7.02	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	6.90	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	6.90	Dec'22	Tier 3	CME N-GEO
10/31/2022	AFOLU	Combo	6.85	Dec'22	Tier 2	CME N-GEO, block
10/31/2022	AFOLU	Combo	6.96	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.62	Oct'22	Tier 3	CBL N-GEO
10/28/2022	AFOLU	Combo	6.62	Oct'22	Tier 3	CBL N-GEO
10/28/2022	AFOLU	Combo	6.80	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.80	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.79	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.80	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.75	Nov'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.80	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.74	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.76	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.79	Dec'22	Tier 3	CME N-GEO

10/28/2022	AFOLU	Combo	6.87	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.81	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.93	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.88	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.92	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.86	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.95	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.88	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.79	Nov'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.86	Nov'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.84	Nov'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.89	Nov'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.86	Nov'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.75	Dec'22	Tier 3	CME N-GEO, block
10/28/2022	AFOLU	Combo	6.84	Nov'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.84	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.80	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.70	Dec'22	Tier 3	CME N-GEO
10/28/2022	AFOLU	Combo	6.70	Dec'22	Tier 3	CME N-GEO
10/27/2022	AFOLU	Combo	6.60	Oct'22	Tier 3	CBL N-GEO
10/27/2022	AFOLU	Combo	6.55	Oct'22	Tier 3	CBL N-GEO
10/27/2022	AFOLU	Combo	6.54	Oct'22	Tier 3	CBL N-GEO
10/27/2022	AFOLU	Combo	6.70	Dec'22	Tier 3	CME N-GEO
10/27/2022	AFOLU	Combo	6.74	Dec'22	Tier 3	CME N-GEO
10/27/2022	AFOLU	Combo	6.69	Nov'22	Tier 3	CME N-GEO
10/27/2022	CEO	Combo	3.44	Dec'22	5,000	CME GEO
10/27/2022	CEO	Combo	3.36	Nov'22	2,000	CME GEO
10/27/2022	REDD+	V20	14.90	Nov'22	Tier 2	Asia, CCB
10/27/2022	REDD+	V19	14.00	Nov'22	Tier 2	Asia, CCB
10/27/2022	CEO	Combo	3.37	Dec'22	4,000	CME GEO
10/27/2022	AFOLU	Combo	6.75	Dec'22	Tier 3	CME N-GEO
10/27/2022	AFOLU	Combo	6.75	Dec'22	Tier 3	CME N-GEO
10/27/2022	AFOLU	Combo	6.67	Dec'22	Tier 3	CME N-GEO
10/27/2022	AFOLU	Combo	6.64	Dec'22	Tier 3	CME N-GEO
10/27/2022	AFOLU	Combo	6.62	Dec'22	Tier 3	CME N-GEO
10/27/2022	AFOLU	Combo	6.58	Nov'22	Tier 3	CME N-GEO
10/27/2022	REDD+	V14	9.20	Oct'22	Tier 3	Asia, CCB Triple Gold; Done 10/17
10/27/2022	REDD+	V14	9.85	Oct'22	Tier 3	Asia, CCB Triple Gold; Done 10/14
10/27/2022	REDD+	V20	13.50	Oct'22	Tier 2	Latin America, CCB Double Gold; Done 10/14
10/27/2022	REDD+	Retro	8.00	Jan'23	Tier 3	Latin America, CCB Single Gold; Done 10/14
10/27/2022	REDD+	V20	13.50	Oct'22	Tier 1	Latin America, CCB Double Gold; Done 10/6
10/27/2022	REDD+	V19	13.50	Oct'22	Tier 3	Latin America, CCB Double Gold; Done 9/23
10/27/2022	REDD+	V19	15.20	Nov'22	Tier 3	Asia, CCB Double Gold; Done 9/23

10/27/2022	REDD+	V20	16.29	Sep'23	Tier 3	Asia, CCB Double Gold; Done 9/23
10/27/2022	REDD+	V20	16.29	Nov'22	Tier 3	Asia, CCB Double Gold; Done 9/23
10/27/2022	AFOLU	Combo	6.56	Dec'22	Tier 3	CME N-GEO
10/27/2022	AFOLU	Combo	6.40	Nov'22	Tier 3	CME N-GEO
10/26/2022	CEO	Combo	3.24	Dec'22	1,000	CME GEO
10/26/2022	AFOLU	Combo	6.48	Oct'22	Tier 3	CBL N-GEO
10/26/2022	AFOLU	Combo	6.42	Dec'22	Tier 3	CME N-GEO
10/26/2022	AFOLU	Combo	6.42	Dec'22	Tier 3	CME N-GEO
10/26/2022	AFOLU	Combo	6.40	Dec'22	Tier 3	CME N-GEO, block
10/26/2022	CEO	Combo	3.25	Dec'22	1,000	CME GEO
10/26/2022	CEO	Combo	3.25	Dec'22	1,000	CME GEO
10/26/2022	CEO	Combo	3.25	Dec'22	1,000	CME GEO
10/26/2022	CEO	Combo	3.25	Dec'22	1,000	CME GEO
10/25/2022	AFOLU	Combo	6.42	Dec'22	Tier 3	CME N-GEO
10/25/2022	AFOLU	Combo	6.40	Dec'22	Tier 3	CME N-GEO
10/25/2022	AFOLU	Combo	6.40	Nov'22	Tier 3	CME N-GEO
10/25/2022	AFOLU	Combo	6.36	Dec'22	Tier 3	CME N-GEO
10/25/2022	AFOLU	Combo	6.35	Dec'22	Tier 3	ICE NBS V16-V20
10/25/2022	AFOLU	Combo	6.35	Dec'22	Tier 3	ICE NBS V16-V20
10/25/2022	AFOLU	Combo	6.38	Dec'22	Tier 3	CME N-GEO
10/25/2022	AFOLU	Combo	6.32	Dec'22	Tier 3	CME N-GEO
10/24/2022	AFOLU	Combo	6.25	Dec'22	Tier 3	CME N-GEO
10/24/2022	CEO	Combo	3.19	Dec'22	1,000	CME GEO
10/24/2022	AFOLU	Combo	6.28	Dec'22	Tier 3	CME N-GEO
10/21/2022	CEO	Combo	3.15	Dec'22	1,000	CME GEO
10/21/2022	CEO	Combo	3.15	Dec'22	2,000	CME GEO
10/21/2022	CEO	Combo	3.19	Dec'22	2,000	CME GEO
10/21/2022	CEO	Combo	3.20	Dec'22	5,000	CME GEO
10/21/2022	CEO	Combo	3.20	Dec'22	3,000	CME GEO
10/21/2022	AFOLU	Combo	6.31	Dec'22	Tier 3	CME N-GEO
10/21/2022	AFOLU	Combo	6.20	Dec'22	Tier 3	CME N-GEO
10/21/2022	AFOLU	Combo	6.25	Dec'22	Tier 3	CME N-GEO
10/21/2022	AFOLU	Combo	6.25	Dec'22	Tier 3	CME N-GEO
10/21/2022	AFOLU	Combo	6.31	Dec'22	Tier 3	CME N-GEO
10/21/2022	AFOLU	Combo	6.41	Dec'22	Tier 3	CME N-GEO
10/21/2022	AFOLU	Combo	6.42	Dec'22	Tier 3	CME N-GEO
10/21/2022	AFOLU	Combo	6.49	Dec'22	Tier 3	CME N-GEO
10/21/2022	AFOLU	Combo	6.40	Dec'22	Tier 3	CME N-GEO
10/21/2022	AFOLU	Combo	6.25	Dec'22	Tier 2	CME N-GEO, block
10/21/2022	AFOLU	Combo	6.17	Dec'22	Tier 2	CME N-GEO, block
10/21/2022	AFOLU	Combo	6.25	Dec'22	Tier 3	CME N-GEO, block
10/21/2022	AFOLU	Combo	6.20	Dec'22	Tier 3	CME N-GEO, block
10/21/2022	AFOLU	Combo	6.30	Dec'22	Tier 2	CME N-GEO, block

10/21/2022	AFOLU	Combo	6.30	Dec'22	Tier 3	CME N-GEO, block
10/21/2022	AFOLU	Combo	6.20	Dec'22	Tier 2	CME N-GEO, block
10/20/2022	CEO	Combo	3.13	Dec'22	3,000	CME GEO
10/20/2022	CEO	Combo	3.15	Dec'22	3,000	CME GEO
10/20/2022	CEO	Combo	3.16	Dec'22	7,000	CME GEO
10/20/2022	AFOLU	Combo	6.45	Dec'22	Tier 2	CME N-GEO, block
10/20/2022	AFOLU	Combo	6.45	Dec'22	Tier 2	CME N-GEO, block
10/20/2022	AFOLU	Combo	6.45	Dec'22	Tier 2	CME N-GEO, block
10/20/2022	AFOLU	Combo	6.55	Dec'22	Tier 3	CBL N-GEO
10/20/2022	AFOLU	Combo	6.50	Dec'22	Tier 2	CME N-GEO, block
10/20/2022	AFOLU	Combo	6.50	Dec'22	Tier 2	CME N-GEO, block
10/20/2022	AFOLU	Combo	6.85	Dec'22	Tier 2	CME N-GEO, block
10/20/2022	AFOLU	Combo	6.35	Dec'22	Tier 2	CME N-GEO, block
10/20/2022	AFOLU	Combo	6.35	Dec'22	Tier 2	CME N-GEO, block
10/20/2022	AFOLU	Combo	6.35	Dec'22	Tier 2	CME N-GEO, block
10/20/2022	AFOLU	Combo	6.35	Dec'22	Tier 3	CME N-GEO
10/20/2022	AFOLU	Combo	6.47	Dec'22	Tier 3	CME N-GEO
10/20/2022	AFOLU	Combo	6.72	Oct'22	Tier 3	CME N-GEO
10/19/2022	AFOLU	Combo	6.55	Dec'22	Tier 3	CME N-GEO
10/19/2022	AFOLU	Combo	6.52	Dec'22	Tier 3	CME N-GEO
10/19/2022	AFOLU	Combo	6.50	Dec'22	Tier 3	CME N-GEO
10/19/2022	AFOLU	Combo	6.50	Dec'22	Tier 3	CME N-GEO
10/19/2022	AFOLU	Combo	6.45	Dec'22	Tier 3	CME N-GEO
10/19/2022	AFOLU	Combo	6.55	Dec'22	Tier 3	CME N-GEO
10/19/2022	REDD+	Combo	10.40	Oct'22	Tier 2	Africa Cookstoves, V19-V20
10/19/2022	AFOLU	Combo	6.61	Dec'22	Tier 3	CME N-GEO
10/19/2022	AFOLU	Combo	6.61	Nov'22	Tier 3	CME N-GEO
10/19/2022	AFOLU	Combo	6.61	Oct'22	Tier 3	CME N-GEO
10/19/2022	AFOLU	Combo	6.20	Dec'22	Tier 2	CME N-GEO, block
10/19/2022	CEO	Combo	3.09	Dec'22	1,000	CME GEO
10/19/2022	CEO	Combo	3.13	Dec'22	1,000	CME GEO
10/19/2022	CEO	Combo	3.11	Dec'22	2,000	CME GEO
10/19/2022	CEO	Combo	3.08	Dec'22	2,000	CME GEO
10/19/2022	AFOLU	Combo	6.58	Dec'22	Tier 3	CME N-GEO
10/19/2022	AFOLU	Combo	6.48	Dec'22	Tier 3	CME N-GEO
10/19/2022	AFOLU	Combo	6.44	Dec'22	Tier 3	CME N-GEO
10/19/2022	AFOLU	Combo	6.50	Dec'22	Tier 3	CME N-GEO
10/19/2022	AFOLU	Combo	6.30	Dec'22	Tier 2	CME N-GEO, block
10/19/2022	CEO	Combo	3.12	Dec'22	1,000	CME GEO
10/19/2022	CEO	Combo	3.12	Dec'22	3,000	CME GEO
10/19/2022	CEO	Combo	3.14	Oct'22	1,000	CME GEO
10/19/2022	CEO	Combo	3.14	Oct'22	3,000	CME GEO
10/19/2022	AFOLU	Combo	6.25	Dec'22	Tier 2	CME N-GEO, block

10/19/2022	CEO	Combo	3.19	Dec'22	9,000	CME GEO
10/19/2022	AFOLU	Combo	6.55	Dec'22	Tier 3	CME N-GEO
10/19/2022	AFOLU	Combo	6.86	Dec'22	Tier 3	CME N-GEO
10/19/2022	AFOLU	Combo	7.00	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.05	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.11	Dec'22	Tier 3	CME N-GEO
10/18/2022	CEO	Combo	3.19	Dec'22	9,000	CME GEO
10/18/2022	CEO	Combo	3.19	Oct'22	2,000	CME GEO
10/18/2022	CEO	Combo	3.25	Dec'22	5,000	CME GEO
10/18/2022	AFOLU	Combo	7.10	Oct'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.10	Oct'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.11	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.08	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.10	Dec'22	Tier 3	CME N-GEO
10/18/2022	REDD+	V20	11.00	Oct'22	Tier 3	Latin America, No CCB; Done 10/14
10/18/2022	CEO	Combo	3.25	Dec'22	2,000	CME GEO
10/18/2022	CEO	Combo	3.27	Dec'22	2,000	CME GEO
10/18/2022	CEO	Combo	3.32	Dec'22	4,000	CME GEO
10/18/2022	AFOLU	Combo	7.09	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.10	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.00	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.09	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.17	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.20	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.28	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.31	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.33	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.33	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.32	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.32	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.32	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.27	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.44	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.47	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.43	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.50	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.52	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.51	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.49	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.48	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.50	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.46	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.42	Dec'22	Tier 3	CME N-GEO

10/18/2022	AFOLU	Combo	7.47	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.57	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.58	Dec'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.06	Nov'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.23	Nov'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.12	Oct'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.27	Oct'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.39	Oct'22	Tier 3	CME N-GEO
10/18/2022	AFOLU	Combo	7.53	Oct'22	Tier 3	CME N-GEO
10/18/2022	CEO	Combo	3.35	Dec'22	10,000	CME GEO
10/18/2022	CEO	Combo	3.31	Oct'22	1,000	CME GEO
10/18/2022	CEO	Combo	3.27	Dec'22	2,000	CME GEO
10/18/2022	CEO	Combo	3.30	Dec'22	2,000	CME GEO
10/18/2022	CEO	Combo	3.39	Dec'22	6,000	CME GEO
10/18/2022	CEO	Combo	3.36	Oct'22	1,000	CME GEO
10/17/2022	CEO	Combo	3.51	Dec'22	6,000	CME GEO
10/17/2022	CEO	Combo	3.51	Dec'22	3,000	CME GEO
10/17/2022	CEO	Combo	3.51	Dec'22	10,000	CME GEO
10/17/2022	CEO	Combo	3.45	Oct'22	3,000	CME GEO
10/17/2022	AFOLU	Combo	7.74	Dec'22	Tier 3	CME N-GEO
10/17/2022	CEO	Combo	3.43	Oct'22	2,000	CME GEO
10/17/2022	CEO	Combo	3.45	Oct'22	2,000	CME GEO
10/17/2022	AFOLU	Combo	7.68	Dec'22	Tier 3	CME N-GEO
10/17/2022	CEO	Combo	3.42	Oct'22	14,000	CME GEO
10/17/2022	CEO	Combo	3.56	Dec'22	2,000	CME GEO
10/17/2022	CEO	Combo	3.63	Dec'22	21,000	CME GEO
10/17/2022	CEO	Combo	3.68	Dec'22	29,000	CME GEO
10/17/2022	CEO	Combo	3.63	Oct'22	4,000	CME GEO
10/17/2022	CEO	Combo	3.68	Oct'22	3,000	CME GEO
10/17/2022	AFOLU	Combo	7.71	Dec'22	Tier 3	CME N-GEO
10/17/2022	AFOLU	Combo	7.79	Dec'22	Tier 3	CME N-GEO
10/17/2022	AFOLU	Combo	7.81	Dec'22	Tier 3	CME N-GEO
10/17/2022	AFOLU	Combo	7.82	Nov'22	Tier 3	CME N-GEO
10/17/2022	AFOLU	Combo	7.85	Oct'22	Tier 3	CME N-GEO
10/17/2022	AFOLU	Combo	7.88	Dec'22	Tier 3	CME N-GEO
10/17/2022	AFOLU	Combo	7.87	Dec'22	Tier 3	CME N-GEO
10/17/2022	AFOLU	Combo	7.88	Dec'22	Tier 3	CME N-GEO
10/14/2022	AFOLU	Combo	7.79	Dec'22	Tier 3	CME N-GEO
10/14/2022	AFOLU	Combo	7.88	Nov'22	Tier 3	CME N-GEO
10/14/2022	AFOLU	Combo	7.89	Oct'22	Tier 3	CME N-GEO
10/14/2022	AFOLU	Combo	8.00	Oct'22	Tier 3	CBL N-GEO
10/14/2022	AFOLU	Combo	7.90	Oct'22	Tier 3	CBL N-GEO
10/14/2022	CEO	Combo	3.79	Dec'22	2,000	CME GEO

10/14/2022	CEO	Combo	3.79	Dec'22	2,000	CME GEO
10/14/2022	AFOLU	Combo	7.88	Dec'22	Tier 3	CME N-GEO
10/14/2022	AFOLU	Combo	7.87	Dec'22	Tier 3	CME N-GEO
10/14/2022	AFOLU	Combo	7.87	Dec'22	Tier 3	CME N-GEO
10/14/2022	CEO	Combo	3.76	Dec'22	2,000	CME GEO
10/14/2022	AFOLU	Combo	7.89	Dec'22	Tier 3	CME N-GEO
10/14/2022	AFOLU	Combo	7.95	Dec'22	Tier 3	CME N-GEO
10/14/2022	AFOLU	Combo	7.99	Oct'22	Tier 3	CME N-GEO
10/13/2022	AFOLU	Combo	8.02	Dec'22	Tier 3	CME N-GEO
10/13/2022	AFOLU	Combo	8.00	Dec'22	Tier 3	CME N-GEO
10/13/2022	AFOLU	Combo	8.00	Dec'22	Tier 3	CME N-GEO
10/13/2022	CEO	Combo	3.76	Dec'22	1,000	CME GEO
10/13/2022	CEO	Combo	3.81	Dec'22	6,000	CME GEO
10/13/2022	AFOLU	Combo	7.97	Dec'22	Tier 3	CME N-GEO
10/13/2022	AFOLU	Combo	8.00	Dec'22	Tier 3	CME N-GEO
10/13/2022	CEO	Combo	3.72	Dec'22	2,000	CME GEO
10/13/2022	AFOLU	Combo	7.97	Dec'22	Tier 3	CME N-GEO
10/13/2022	AFOLU	Combo	7.97	Dec'22	Tier 3	CME N-GEO
10/13/2022	AFOLU	Combo	7.98	Dec'22	Tier 3	CME N-GEO
10/13/2022	AFOLU	Combo	8.00	Dec'22	Tier 3	CME N-GEO
10/13/2022	AFOLU	Combo	7.97	Dec'22	Tier 3	CME N-GEO
10/13/2022	AFOLU	Combo	7.98	Dec'22	Tier 3	CME N-GEO
10/13/2022	CEO	Combo	3.68	Dec'22	2,000	CME GEO
10/13/2022	CEO	Combo	3.68	Dec'22	1,000	CME GEO
10/13/2022	CEO	Combo	3.68	Dec'22	3,000	CME GEO
10/13/2022	AFOLU	Combo	7.92	Dec'22	Tier 3	CME N-GEO
10/13/2022	AFOLU	Combo	7.94	Dec'22	Tier 3	CME N-GEO
10/13/2022	AFOLU	Combo	7.85	Dec'22	Tier 3	CME N-GEO
10/13/2022	AFOLU	Combo	7.89	Dec'22	Tier 3	CME N-GEO
10/13/2022	AFOLU	Combo	7.89	Dec'22	Tier 3	CME N-GEO
10/13/2022	AFOLU	Combo	7.93	Oct'22	Tier 3	CME N-GEO
10/13/2022	AFOLU	Combo	8.07	Dec'22	Tier 3	CME N-GEO
10/12/2022	CEO	Combo	3.75	Dec'22	1,000	CME GEO
10/12/2022	CEO	Combo	3.75	Dec'22	50,000	CME GEO, block
10/12/2022	CEO	Combo	3.76	Dec'22	1,000	CME GEO
10/12/2022	CEO	Combo	3.75	Dec'22	11,000	CME GEO
10/12/2022	CEO	Combo	3.81	Dec'22	1,000	CME GEO
10/12/2022	CEO	Combo	3.81	Dec'22	1,000	CME GEO
10/12/2022	AFOLU	Combo	8.10	Dec'22	Tier 3	CME N-GEO
10/12/2022	AFOLU	Combo	8.10	Dec'22	Tier 3	CME N-GEO
10/12/2022	AFOLU	Combo	8.06	Dec'22	Tier 3	CME N-GEO
10/12/2022	AFOLU	Combo	8.06	Dec'22	Tier 3	CME N-GEO
10/12/2022	AFOLU	Combo	8.06	Dec'22	Tier 3	CME N-GEO

10/12/2022	AFOLU	Combo	8.13	Dec'22	Tier 3	CME N-GEO
10/12/2022	AFOLU	Combo	8.21	Dec'22	Tier 3	CME N-GEO
10/12/2022	AFOLU	Combo	8.32	Dec'22	Tier 3	CME N-GEO
10/12/2022	AFOLU	Combo	8.25	Dec'22	Tier 3	CME N-GEO
10/12/2022	AFOLU	Combo	8.23	Dec'22	Tier 3	CME N-GEO
10/12/2022	AFOLU	Combo	8.23	Dec'22	Tier 3	CME N-GEO
10/12/2022	AFOLU	Combo	8.19	Dec'22	Tier 3	CME N-GEO
10/12/2022	AFOLU	Combo	8.16	Dec'22	Tier 3	CME N-GEO
10/12/2022	AFOLU	Combo	8.15	Oct'22	Tier 3	CME N-GEO
10/12/2022	AFOLU	Combo	8.26	Oct'22	Tier 3	CME N-GEO
10/12/2022	AFOLU	Combo	8.23	Oct'22	Tier 3	CME N-GEO
10/12/2022	AFOLU	Combo	8.10	Dec'22	Tier 2	CME N-GEO, block
10/12/2022	AFOLU	Combo	8.00	Dec'22	Tier 2	CME N-GEO, block
10/12/2022	AFOLU	Combo	8.05	Dec'22	Tier 2	CME N-GEO, block
10/12/2022	CEO	Combo	3.80	Dec'22	5,000	CME GEO
10/12/2022	CEO	Combo	3.80	Dec'22	3,000	CME GEO
10/12/2022	REDD+	V17	9.00	Oct'22	Tier 3	Latin America, No CCB; Done 10/10
10/12/2022	AFOLU	Combo	8.21	Dec'22	Tier 3	CME N-GEO
10/12/2022	CEO	Combo	3.90	Dec'22	1,000	CME GEO
10/12/2022	CEO	Combo	3.79	Dec'22	3,000	CME GEO
10/12/2022	CEO	Combo	3.79	Dec'22	1,000	CME GEO
10/11/2022	CEO	Combo	3.71	Dec'22	1,000	CME GEO
10/11/2022	CEO	Combo	3.71	Dec'22	4,000	CME GEO
10/11/2022	CEO	Combo	3.71	Dec'22	1,000	CME GEO
10/11/2022	CEO	Combo	3.70	Dec'22	7,000	CME GEO
10/11/2022	CEO	Combo	3.70	Dec'22	4,000	CME GEO
10/11/2022	AFOLU	Combo	8.05	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.05	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.00	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.01	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.05	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.05	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.04	Oct'22	Tier 3	CME N-GEO
10/11/2022	CEO	Combo	3.70	Dec'22	40,000	CME GEO, block
10/11/2022	CEO	Combo	3.70	Dec'22	8,000	CME GEO
10/11/2022	CEO	Combo	3.71	Dec'22	2,000	CME GEO
10/11/2022	CEO	Combo	3.71	Dec'22	3,000	CME GEO
10/11/2022	CEO	Combo	3.71	Dec'22	1,000	CME GEO
10/11/2022	CEO	Combo	3.74	Dec'22	5,000	CME GEO
10/11/2022	CEO	Combo	3.76	Dec'22	3,000	CME GEO
10/11/2022	CEO	Combo	3.73	Dec'22	3,000	CME GEO
10/11/2022	CEO	Combo	3.72	Dec'22	1,000	CME GEO
10/11/2022	CEO	Combo	3.72	Dec'22	1,000	CME GEO

10/11/2022	CEO	Combo	3.74	Dec'22	1,000	CME GEO
10/11/2022	CEO	Combo	3.74	Dec'22	23,000	CME GEO
10/11/2022	CEO	Combo	3.77	Dec'22	2,000	CME GEO
10/11/2022	CEO	Combo	3.77	Dec'22	1,000	CME GEO
10/11/2022	CEO	Combo	3.78	Dec'22	13,000	CME GEO
10/11/2022	CEO	Combo	3.78	Dec'22	13,000	CME GEO
10/11/2022	CEO	Combo	3.78	Dec'22	3,000	CME GEO
10/11/2022	CEO	Combo	3.78	Dec'22	3,000	CME GEO
10/11/2022	CEO	Combo	3.80	Dec'22	12,000	CME GEO
10/11/2022	CEO	Combo	3.80	Dec'22	8,000	CME GEO
10/11/2022	CEO	Combo	3.72	Oct'22	1,000	CME GEO
10/11/2022	CEO	Combo	3.72	Oct'22	1,000	CME GEO
10/11/2022	CEO	Combo	3.78	Oct'22	3,000	CME GEO
10/11/2022	CEO	Combo	3.80	Oct'22	2,000	CME GEO
10/11/2022	AFOLU	Combo	8.13	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.05	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.07	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.06	Oct'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.01	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	7.99	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.03	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.13	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.16	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.16	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.20	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.25	Dec'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.06	Oct'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.21	Oct'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.25	Oct'22	Tier 3	CME N-GEO
10/11/2022	AFOLU	Combo	8.29	Oct'22	Tier 3	CME N-GEO
10/11/2022	CEO	Combo	3.80	Dec'22	1,000	CME GEO
10/11/2022	CEO	Combo	3.80	Oct'22	1,000	CME GEO
10/10/2022	CEO	Combo	3.80	Dec'22	3,000	CME GEO
10/10/2022	CEO	Combo	3.80	Dec'22	1,000	CME GEO
10/10/2022	CEO	Combo	3.79	Dec'22	13,000	CME GEO
10/10/2022	CEO	Combo	3.80	Dec'22	4,000	CME GEO
10/10/2022	CEO	Combo	3.86	Dec'22	15,000	CME GEO
10/10/2022	CEO	Combo	3.79	Oct'22	2,000	CME GEO
10/10/2022	CEO	Combo	3.82	Oct'22	2,000	CME GEO
10/10/2022	AFOLU	Combo	8.43	Dec'22	Tier 3	CME N-GEO
10/10/2022	AFOLU	Combo	8.40	Oct'22	Tier 3	CME N-GEO
10/10/2022	AFOLU	Combo	8.50	Dec'22	Tier 3	CME N-GEO, block
10/10/2022	AFOLU	Combo	8.62	Dec'22	Tier 3	CME N-GEO

10/10/2022	AFOLU	Combo	8.62	Dec'22	Tier 3	CME N-GEO
10/10/2022	AFOLU	Combo	8.60	Dec'22	Tier 3	CME N-GEO, block
10/07/2022	REDD+	V18	18.00	Oct'22	Tier 2	Latin America, CCB validated
10/07/2022	AFOLU	Combo	8.61	Dec'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.57	Dec'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.61	Oct'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.57	Dec'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.66	Dec'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.67	Dec'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.70	Dec'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.73	Dec'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.73	Dec'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.70	Dec'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.60	Dec'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.60	Dec'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.50	Dec'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.43	Dec'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.64	Nov'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.55	Nov'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.48	Nov'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.39	Nov'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.68	Oct'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.70	Oct'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.61	Oct'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.58	Oct'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.57	Oct'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.55	Oct'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.47	Oct'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.42	Oct'22	Tier 3	CME N-GEO
10/07/2022	CEO	Combo	3.86	Dec'22	6,000	CME GEO
10/07/2022	CEO	Combo	3.82	Dec'22	3,000	CME GEO
10/07/2022	AFOLU	Combo	8.30	Dec'22	Tier 3	CME N-GEO
10/07/2022	AFOLU	Combo	8.30	Dec'22	Tier 2	CME N-GEO, block
10/06/2022	AFOLU	Combo	8.17	Oct'22	Tier 3	CME N-GEO
10/06/2022	AFOLU	Combo	8.14	Dec'22	Tier 3	Nodal VER Nature-based
10/06/2022	AFOLU	Combo	8.13	Oct'22	Tier 3	CME N-GEO
10/06/2022	AFOLU	Combo	11.15	Dec'22	Tier 2	ICE NBS V18-V22
10/06/2022	CEO	Combo	3.78	Dec'22	6,000	CME GEO
10/06/2022	AFOLU	Combo	8.12	Dec'22	Tier 3	CME N-GEO
10/06/2022	AFOLU	Combo	8.20	Dec'22	Tier 3	CME N-GEO
10/06/2022	AFOLU	Combo	8.22	Dec'22	Tier 3	CME N-GEO
10/06/2022	AFOLU	Combo	8.16	Oct'22	Tier 3	CME N-GEO
10/06/2022	AFOLU	Combo	8.17	Oct'22	Tier 3	CME N-GEO

10/06/2022	CEO	Combo	3.82	Dec'22	1,000	CME GEO
10/06/2022	CEO	Combo	3.83	Dec'22	1,000	CME GEO
10/06/2022	CEO	Combo	3.77	Dec'22	2,000	CME GEO
10/05/2022	AFOLU	Combo	8.26	Dec'22	Tier 3	CME N-GEO
10/05/2022	AFOLU	Combo	8.26	Dec'22	Tier 3	CME N-GEO
10/05/2022	AFOLU	Combo	8.28	Oct'22	Tier 3	CME N-GEO
10/05/2022	CEO	Combo	3.82	Dec'22	4,000	CME GEO
10/05/2022	CEO	Combo	3.82	Dec'22	3,000	CME GEO
10/05/2022	CEO	Combo	3.82	Dec'22	3,000	CME GEO
10/05/2022	CEO	Combo	3.82	Dec'22	3,000	CME GEO
10/05/2022	CEO	Combo	3.82	Dec'22	8,000	CME GEO
10/05/2022	CEO	Combo	3.86	Dec'22	5,000	CME GEO
10/05/2022	CEO	Combo	3.85	Dec'22	2,000	CME GEO
10/05/2022	CEO	Combo	3.83	Dec'22	8,000	CME GEO
10/05/2022	CEO	Combo	3.87	Dec'22	1,000	CME GEO
10/05/2022	CEO	Combo	3.87	Dec'22	1,000	CME GEO
10/05/2022	CEO	Combo	3.80	Oct'22	2,000	CME GEO
10/05/2022	CEO	Combo	3.84	Oct'22	1,000	CME GEO
10/05/2022	CEO	Combo	3.84	Oct'22	1,000	CME GEO
10/05/2022	AFOLU	Combo	8.34	Dec'22	Tier 3	CME N-GEO
10/04/2022	CEO	Combo	3.85	Dec'22	3,000	CME GEO
10/04/2022	CEO	Combo	3.84	Dec'22	2,000	CME GEO
10/04/2022	AFOLU	Combo	8.23	Dec'22	Tier 3	CME N-GEO
10/04/2022	AFOLU	Combo	8.23	Oct'22	Tier 3	CME N-GEO
10/04/2022	AFOLU	Combo	8.24	Oct'22	Tier 3	CME N-GEO
10/04/2022	CEO	Combo	3.83	Dec'22	1,000	CME GEO
10/04/2022	CEO	Combo	3.83	Dec'22	14,000	CME GEO
10/04/2022	CEO	Combo	3.88	Dec'22	2,000	CME GEO
10/04/2022	CEO	Combo	3.89	Dec'22	5,000	CME GEO
10/04/2022	CEO	Combo	3.92	Dec'22	5,000	CME GEO
10/04/2022	CEO	Combo	3.89	Dec'22	7,000	CME GEO
10/04/2022	CEO	Combo	3.82	Oct'22	2,000	CME GEO
10/04/2022	CEO	Combo	3.84	Oct'22	2,000	CME GEO
10/04/2022	AFOLU	Combo	8.25	Dec'22	Tier 3	CME N-GEO
10/04/2022	AFOLU	Combo	8.29	Dec'22	Tier 3	CME N-GEO
10/04/2022	AFOLU	Combo	8.28	Dec'22	Tier 3	CME N-GEO
10/04/2022	AFOLU	Combo	8.22	Dec'22	Tier 3	CME N-GEO
10/04/2022	AFOLU	Combo	8.19	Dec'22	Tier 3	CME N-GEO
10/04/2022	AFOLU	Combo	8.28	Oct'22	Tier 3	CME N-GEO
10/04/2022	AFOLU	Combo	8.22	Oct'22	Tier 3	CME N-GEO
10/04/2022	AFOLU	Combo	8.35	Dec'22	Tier 2	CME N-GEO, block
10/04/2022	AFOLU	Combo	8.35	Dec'22	Tier 2	CME N-GEO, block
10/04/2022	AFOLU	Combo	8.16	Dec'22	Tier 3	CME N-GEO

10/04/2022	AFOLU	Combo	8.16	Dec'22	Tier 3	CME N-GEO
10/04/2022	AFOLU	Combo	8.16	Dec'22	Tier 3	CME N-GEO
10/04/2022	AFOLU	Combo	8.19	Dec'22	Tier 3	CME N-GEO
10/04/2022	AFOLU	Combo	8.24	Dec'22	Tier 3	CME N-GEO
10/04/2022	AFOLU	Combo	8.32	Oct'22	Tier 3	CME N-GEO
10/04/2022	CEO	Combo	3.89	Dec'22	1,000	CME GEO
10/04/2022	CEO	Combo	3.89	Dec'22	3,000	CME GEO
10/04/2022	CEO	Combo	3.90	Dec'22	5,000	CME GEO
10/04/2022	CEO	Combo	3.94	Dec'22	3,000	CME GEO
10/04/2022	CEO	Combo	3.95	Dec'22	4,000	CME GEO
10/04/2022	CEO	Combo	3.95	Dec'22	2,000	CME GEO
10/04/2022	CEO	Combo	3.96	Dec'22	4,000	CME GEO
10/04/2022	CEO	Combo	3.96	Dec'22	1,000	CME GEO
10/04/2022	CEO	Combo	3.86	Oct'22	3,000	CME GEO
10/04/2022	CEO	Combo	3.93	Oct'22	1,000	CME GEO
10/04/2022	CEO	Combo	4.00	Dec'22	1,000	CME GEO
10/04/2022	CEO	Combo	4.00	Dec'22	1,000	CME GEO
10/04/2022	CEO	Combo	3.97	Oct'22	1,000	CME GEO
10/04/2022	CEO	Combo	3.97	Oct'22	1,000	CME GEO
10/03/2022	CEO	Combo	4.00	Oct'22	5,000	CBL GEO
10/03/2022	CEO	Combo	3.95	Dec'22	25,000	CME GEO, block
10/03/2022	CEO	Combo	3.92	Dec'22	1,000	CME GEO
10/03/2022	CEO	Combo	3.92	Dec'22	8,000	CME GEO
10/03/2022	CEO	Combo	3.95	Nov'22	2,000	CME GEO
10/03/2022	CEO	Combo	3.85	Oct'22	1,000	CME GEO
10/03/2022	CEO	Combo	3.85	Oct'22	8,000	CME GEO
10/03/2022	CEO	Combo	3.98	Dec'22	3,000	CME GEO
10/03/2022	CEO	Combo	4.00	Dec'22	4,000	CME GEO
10/03/2022	CEO	Combo	4.00	Dec'22	6,000	CME GEO
10/03/2022	CEO	Combo	4.01	Dec'22	36,000	CME GEO
10/03/2022	CEO	Combo	4.00	Dec'22	5,000	CME GEO
10/03/2022	CEO	Combo	4.00	Dec'22	19,000	CME GEO
10/03/2022	CEO	Combo	4.00	Oct'22	2,000	CME GEO
10/03/2022	CEO	Combo	4.00	Oct'22	12,000	CME GEO
10/03/2022	AFOLU	Combo	8.34	Dec'22	Tier 3	CME N-GEO
10/03/2022	AFOLU	Combo	8.32	Dec'22	Tier 3	CME N-GEO
10/03/2022	AFOLU	Combo	8.34	Dec'22	Tier 3	CME N-GEO
10/03/2022	AFOLU	Combo	8.34	Dec'22	Tier 3	CME N-GEO
10/03/2022	AFOLU	Combo	8.34	Dec'22	Tier 3	CME N-GEO
10/03/2022	AFOLU	Combo	8.31	Dec'22	Tier 3	CME N-GEO
10/03/2022	AFOLU	Combo	8.32	Oct'22	Tier 3	CME N-GEO
10/03/2022	AFOLU	Combo	8.34	Dec'22	Tier 3	CME N-GEO
10/03/2022	AFOLU	Combo	8.34	Oct'22	Tier 3	CME N-GEO

10/03/2022	CEO	Combo	4.00	Dec'22	2,000	CME GEO
10/03/2022	CEO	Combo	4.00	Dec'22	9,000	CME GEO
10/03/2022	CEO	Combo	4.01	Dec'22	3,000	CME GEO
10/03/2022	CEO	Combo	4.01	Oct'22	1,000	CME GEO
10/03/2022	CEO	Combo	4.01	Oct'22	1,000	CME GEO
10/03/2022	CEO	Combo	4.00	Oct'22	3,000	CME GEO
10/03/2022	AFOLU	Combo	8.38	Dec'22	Tier 3	CME N-GEO
09/30/2022	AFOLU	Combo	8.30	Sep'22	Tier 3	CBL N-GEO
09/30/2022	AFOLU	Combo	8.30	Sep'22	Tier 3	CBL N-GEO
09/30/2022	CEO	Combo	4.15	Sep'22	5,000	CBL GEO
09/30/2022	CEO	Combo	4.14	Sep'22	2,000	CBL GEO
09/30/2022	AFOLU	Combo	8.22	Dec'22	Tier 3	CME N-GEO
09/30/2022	AFOLU	Combo	8.19	Dec'22	Tier 3	CME N-GEO
09/30/2022	AFOLU	Combo	8.20	Dec'22	Tier 3	CME N-GEO, block
09/30/2022	AFOLU	Combo	8.30	Dec'22	Tier 2	CME N-GEO, block
09/30/2022	AFOLU	Combo	8.36	Oct'22	Tier 3	CME N-GEO
09/30/2022	CEO	Combo	3.95	Dec'22	8,000	CME GEO
09/29/2022	AFOLU	Combo	8.50	Sep'22	Tier 3	CBL N-GEO
09/29/2022	AFOLU	Combo	8.50	Sep'22	Tier 3	CBL N-GEO
09/29/2022	AFOLU	Combo	8.42	Sep'22	Tier 3	CBL N-GEO
09/29/2022	CEO	Combo	4.10	Sep'22	2,000	CBL GEO
09/29/2022	CEO	Combo	4.10	Sep'22	3,000	CBL GEO
09/29/2022	AFOLU	Combo	8.34	Dec'22	Tier 3	CME N-GEO
09/29/2022	AFOLU	Combo	8.33	Dec'22	Tier 3	CME N-GEO
09/29/2022	AFOLU	Combo	8.28	Dec'22	Tier 3	CME N-GEO
09/29/2022	AFOLU	Combo	8.27	Oct'22	Tier 3	CME N-GEO
09/29/2022	CEO	Combo	3.93	Dec'22	3,000	CME GEO
09/29/2022	AFOLU	Combo	8.18	Dec'22	Tier 3	CME N-GEO
09/29/2022	CEO	Combo	3.95	Dec'22	5,000	CME GEO
09/29/2022	CEO	Combo	3.97	Dec'22	4,000	CME GEO
09/29/2022	CEO	Combo	3.94	Dec'22	4,000	CME GEO
09/29/2022	AFOLU	Combo	8.23	Dec'22	Tier 3	CME N-GEO
09/29/2022	AFOLU	Combo	8.30	Dec'22	Tier 3	CME N-GEO
09/29/2022	CEO	Combo	3.93	Dec'22	5,000	CME GEO
09/29/2022	CEO	Combo	3.95	Dec'22	5,000	CME GEO
09/29/2022	CEO	Combo	3.97	Dec'22	13,000	CME GEO
09/29/2022	CEO	Combo	3.94	Oct'22	8,000	CME GEO
09/29/2022	CEO	Combo	4.03	Oct'22	2,000	CME GEO
09/29/2022	CEO	Combo	4.10	Oct'22	2,000	CME GEO
09/29/2022	AFOLU	Combo	8.25	Dec'22	Tier 2	CME N-GEO, block
09/29/2022	AFOLU	Combo	8.29	Dec'22	Tier 3	CME N-GEO
09/29/2022	AFOLU	Combo	8.30	Dec'22	Tier 3	CME N-GEO
09/29/2022	AFOLU	Combo	8.40	Dec'22	Tier 3	CME N-GEO

09/29/2022	CEO	Combo	4.05	Oct'22	2,000	CME GEO
09/29/2022	CEO	Combo	4.08	Oct'22	3,000	CME GEO
09/29/2022	CEO	Combo	4.13	Oct'22	3,000	CME GEO
09/29/2022	CEO	Combo	4.00	Dec'22	100,000	CME GEO, block
09/28/2022	AFOLU	Combo	8.41	Dec'22	Tier 3	CME N-GEO
09/28/2022	CEO	Combo	4.16	Dec'22	2,000	CME GEO
09/28/2022	AFOLU	Combo	8.70	Sep'22	Tier 3	CBL N-GEO
09/28/2022	AFOLU	Combo	8.60	Sep'22	Tier 3	CBL N-GEO
09/28/2022	AFOLU	Combo	8.62	Sep'22	Tier 3	CBL N-GEO
09/28/2022	AFOLU	Combo	8.60	Sep'22	Tier 3	CBL N-GEO
09/28/2022	AFOLU	Combo	8.50	Sep'22	Tier 3	CBL N-GEO
09/28/2022	AFOLU	Combo	8.50	Sep'22	Tier 3	CBL N-GEO
09/28/2022	AFOLU	Combo	8.42	Sep'22	Tier 3	CBL N-GEO
09/28/2022	CEO	Combo	4.25	Sep'22	1,000	CBL GEO
09/28/2022	CEO	Combo	4.25	Sep'22	2,300	CBL GEO
09/28/2022	CEO	Combo	4.13	Sep'22	3,000	CBL GEO
09/28/2022	CEO	Combo	4.13	Sep'22	5,000	CBL GEO
09/28/2022	AFOLU	Combo	8.40	Dec'22	Tier 3	CME N-GEO
09/28/2022	CEO	Combo	4.11	Dec'22	1,000	CME GEO
09/28/2022	CEO	Combo	4.11	Dec'22	2,000	CME GEO
09/28/2022	CEO	Combo	4.10	Dec'22	2,000	CME GEO
09/28/2022	CEO	Combo	4.09	Dec'22	3,000	CME GEO
09/28/2022	CEO	Combo	4.09	Dec'22	2,000	CME GEO
09/28/2022	CEO	Combo	4.10	Dec'22	2,000	CME GEO
09/28/2022	CEO	Combo	4.09	Dec'22	5,000	CME GEO
09/28/2022	CEO	Combo	4.10	Dec'22	16,000	CME GEO
09/28/2022	CEO	Combo	4.12	Dec'22	5,000	CME GEO
09/28/2022	AFOLU	Combo	8.35	Dec'22	Tier 3	CME N-GEO
09/28/2022	AFOLU	Combo	8.32	Dec'22	Tier 3	CME N-GEO
09/28/2022	AFOLU	Combo	8.35	Dec'22	Tier 3	CME N-GEO
09/28/2022	AFOLU	Combo	8.36	Dec'22	Tier 3	CME N-GEO
09/28/2022	CEO	Combo	4.10	Dec'22	50,000	CME GEO, block
09/28/2022	AFOLU	Combo	8.45	Dec'22	Tier 3	CME N-GEO, block
09/28/2022	CEO	Combo	4.13	Dec'22	2,000	CME GEO
09/28/2022	AFOLU	Combo	8.28	Dec'22	Tier 3	CME N-GEO
09/28/2022	AFOLU	Combo	8.30	Dec'22	Tier 3	CME N-GEO
09/28/2022	AFOLU	Combo	8.40	Dec'22	Tier 3	CME N-GEO
09/28/2022	AFOLU	Combo	8.36	Dec'22	Tier 3	CME N-GEO
09/28/2022	AFOLU	Combo	8.43	Dec'22	Tier 3	CME N-GEO
09/28/2022	AFOLU	Combo	8.40	Oct'22	Tier 3	CME N-GEO
09/28/2022	AFOLU	Combo	8.50	Dec'22	Tier 3	CME N-GEO
09/28/2022	AFOLU	Combo	8.55	Dec'22	Tier 3	CME N-GEO
09/28/2022	AFOLU	Combo	8.59	Oct'22	Tier 3	CME N-GEO

09/27/2022	AFOLU	Combo	8.69	Dec'22	Tier 3	CME N-GEO
09/27/2022	CEO	Combo	4.23	Dec'22	1,000	CME GEO
09/27/2022	REDD+	V21	9.00	Sep'22	Tier 2	Latin America, No CCB; Done 9/26
09/26/2022	AFOLU	Combo	8.80	Sep'22	Tier 3	CBL N-GEO
09/26/2022	CEO	Combo	4.21	Sep'22	4,000	CBL GEO
09/26/2022	CEO	Combo	4.18	Sep'22	1,000	CBL GEO
09/26/2022	CEO	Combo	4.18	Sep'22	4,000	CBL GEO
09/26/2022	CEO	Combo	4.12	Dec'22	2,000	CME GEO
09/26/2022	AFOLU	Combo	8.67	Dec'22	Tier 3	CME N-GEO
09/26/2022	AFOLU	Combo	8.67	Dec'22	Tier 3	CME N-GEO
09/26/2022	AFOLU	Combo	8.67	Dec'22	Tier 3	CME N-GEO
09/26/2022	AFOLU	Combo	8.67	Dec'22	Tier 3	CME N-GEO
09/26/2022	AFOLU	Combo	8.65	Dec'22	Tier 3	CME N-GEO
09/26/2022	AFOLU	Combo	8.66	Dec'22	Tier 3	CME N-GEO
09/26/2022	CEO	Combo	4.10	Dec'22	1,000	CME GEO
09/26/2022	CEO	Combo	4.11	Dec'22	5,000	CME GEO
09/26/2022	CEO	Combo	4.13	Dec'22	1,000	CME GEO
09/26/2022	CEO	Combo	4.13	Dec'22	1,000	CME GEO
09/26/2022	CEO	Combo	4.13	Dec'22	1,000	CME GEO
09/26/2022	AFOLU	Combo	8.68	Dec'22	Tier 3	CME N-GEO
09/26/2022	AFOLU	Combo	8.67	Dec'22	Tier 3	CME N-GEO
09/26/2022	AFOLU	Combo	8.70	Dec'22	Tier 3	CME N-GEO
09/26/2022	AFOLU	Combo	8.70	Dec'22	Tier 3	CME N-GEO
09/26/2022	AFOLU	Combo	8.70	Dec'22	Tier 3	CME N-GEO
09/26/2022	CEO	Combo	4.12	Dec'22	3,000	CME GEO
09/26/2022	CEO	Combo	4.11	Dec'22	3,000	CME GEO
09/26/2022	CEO	Combo	4.13	Sep'22	1,000	CME GEO
09/26/2022	AFOLU	Combo	8.70	Dec'22	Tier 2	CME N-GEO
09/26/2022	AFOLU	Combo	8.70	Dec'22	Tier 3	CME N-GEO
09/26/2022	AFOLU	Combo	8.70	Dec'22	Tier 3	CME N-GEO
09/26/2022	AFOLU	Combo	8.70	Dec'22	Tier 3	CME N-GEO
09/26/2022	AFOLU	Combo	8.70	Dec'22	Tier 3	CME N-GEO
09/26/2022	AFOLU	Combo	8.66	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	9.05	Sep'22	Tier 3	CBL N-GEO
09/23/2022	AFOLU	Combo	9.05	Sep'22	Tier 3	CBL N-GEO
09/23/2022	AFOLU	Combo	9.05	Sep'22	Tier 3	CBL N-GEO
09/23/2022	AFOLU	Combo	9.00	Sep'22	Tier 3	CBL N-GEO
09/23/2022	AFOLU	Combo	9.00	Sep'22	Tier 3	CBL N-GEO
09/23/2022	AFOLU	Combo	8.90	Sep'22	Tier 3	CBL N-GEO
09/23/2022	AFOLU	Combo	8.87	Sep'22	Tier 3	CBL N-GEO
09/23/2022	AFOLU	Combo	8.65	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.59	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.82	Sep'22	Tier 3	CME N-GEO

09/23/2022	AFOLU	Combo	8.76	Sep'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	V16	9.20	Sep'22	Tier 3	Asia IFM
09/23/2022	AFOLU	Combo	8.97	Sep'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.65	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.65	Dec'22	Tier 3	CME N-GEO
09/23/2022	CEO	Combo	4.06	Dec'22	12,000	CME GEO
09/23/2022	CEO	Combo	4.06	Sep'22	2,000	CME GEO
09/23/2022	AFOLU	Combo	8.63	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.66	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.70	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.71	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.71	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.75	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.75	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.64	Oct'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.80	Sep'22	Tier 3	CME N-GEO
09/23/2022	CEO	Combo	4.18	Dec'22	2,000	CME GEO
09/23/2022	CEO	Combo	4.19	Dec'22	2,000	CME GEO
09/23/2022	AFOLU	Combo	8.75	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.75	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.75	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.75	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.71	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.75	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.75	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.74	Nov'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.74	Nov'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.76	Oct'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.73	Oct'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.79	Oct'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.97	Sep'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.95	Sep'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	9.00	Sep'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	9.05	Sep'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.90	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	8.90	Dec'22	Tier 3	CME N-GEO
09/23/2022	AFOLU	Combo	9.15	Sep'22	Tier 3	CME N-GEO
09/23/2022	CEO	Combo	4.23	Dec'22	4,000	CME GEO
09/23/2022	CEO	Combo	4.14	Dec'22	1,000	CME GEO
09/22/2022	CEO	Combo	4.14	Dec'22	1,000	CME GEO
09/22/2022	AFOLU	Combo	8.93	Oct'22	Tier 3	CME N-GEO
09/22/2022	CEO	Combo	4.09	Dec'22	4,000	CME GEO
09/22/2022	AFOLU	Combo	8.85	Dec'22	Tier 3	CME N-GEO

09/22/2022	AFOLU	Combo	8.83	Dec'22	Tier 3	CME N-GEO
09/22/2022	AFOLU	Combo	8.85	Dec'22	Tier 3	CME N-GEO
09/22/2022	AFOLU	Combo	8.88	Oct'22	Tier 3	CME N-GEO
09/22/2022	AFOLU	Combo	9.18	Sep'22	Tier 3	CME N-GEO
09/22/2022	AFOLU	Combo	9.20	Sep'22	Tier 3	CME N-GEO
09/22/2022	AFOLU	Combo	8.94	Dec'22	Tier 3	CME N-GEO
09/22/2022	AFOLU	Combo	8.97	Dec'22	Tier 3	CME N-GEO
09/22/2022	AFOLU	Combo	8.96	Dec'22	Tier 3	CME N-GEO
09/22/2022	AFOLU	Combo	9.05	Dec'22	Tier 3	CME N-GEO
09/22/2022	CEO	Combo	4.11	Dec'22	2,000	CME GEO
09/22/2022	CEO	Combo	4.12	Dec'22	4,000	CME GEO
09/22/2022	CEO	Combo	4.14	Dec'22	12,000	CME GEO
09/22/2022	CEO	Combo	4.21	Dec'22	21,000	CME GEO
09/22/2022	CEO	Combo	4.15	Sep'22	2,000	CME GEO
09/22/2022	CEO	Combo	4.20	Dec'22	2,000	CME GEO
09/22/2022	CEO	Combo	4.20	Dec'22	4,000	CME GEO
09/22/2022	CEO	Combo	4.21	Dec'22	3,000	CME GEO
09/22/2022	CEO	Combo	4.14	Dec'22	2,000	CME GEO
09/22/2022	CEO	Combo	4.21	Sep'22	3,000	CME GEO

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