

Historical Record of Takeda Voluntary Offset Purchases

Voluntary Offset Information from Fiscal Year 2022							
Seller	Project Name	Registry ID	Project Type	Credit Type	Country	Registry	Protocol
Macquarie	Advanced Refrigeration - ARS2019001	ACR737	Advanced Refrigeration	Avoidance	United States	American Carbon Registry	Advanced Refrigeration Systems: Version 2.0
Macquarie	Advanced Refrigeration - ARS2021005	ACR919	Advanced Refrigeration	Avoidance	United States	American Carbon Registry	Advanced Refrigeration Systems: Version 2.1
Macquarie	Advanced Refrigeration - ARS2021005	ACR919	Advanced Refrigeration	Avoidance	United States	American Carbon Registry	Advanced Refrigeration Systems: Version 2.1
ACT Commodities	Advanced Refrigeration ACR813, ACR830, ACR868, ACR876, ACR904	ACR813, ACR830, ACR868, ACR876, ACR904	Advanced Refrigeration	Avoidance	United States	American Carbon Registry	Advanced Refrigeration Systems: Version 2.1
Climate Impact Partners (merged ClimateCare and NCP)	Advanced Refrigeration CAN - ARS 002C	ACR529	Advanced Refrigeration	Avoidance	United States	American Carbon Registry	Advanced Refrigeration Systems: Version 2.0
Climate Impact Partners (merged ClimateCare and NCP)	Advanced Refrigeration CAN - ARS 003C	ACR531	Advanced Refrigeration	Avoidance	United States	American Carbon Registry	Advanced Refrigeration Systems: Version 2.0

This disclosure summarizes information concerning voluntary carbon offsets and EAC certificates purchased by Takeda to offset emissions in support of its claims of carbon neutrality for FY20, FY21 and FY22. The information set forth herein includes, but is not limited to, disclosures required pursuant to Section 44475.1 of the California Health and Safety Code.

Seller	Project Name	Registry ID	Project Type	Credit Type	Country	Registry	Protocol
Climate Impact Partners (merged ClimateCare and NCP)	Advanced Refrigeration US49 - ARS 002	ACR480	Advanced Refrigeration	Avoidance	United States	American Carbon Registry	Advanced Refrigeration Systems: Version 2.0
SCB Environmental Markets SA	Advanced Refrigeration US49 - ARS 003	ACR481	Advanced Refrigeration	Avoidance	United States	American Carbon Registry	Advanced Refrigeration Systems: Version 2.0
Climate Impact Partners (merged ClimateCare and NCP)	Advanced Refrigeration US49 - ARS 004	ACR598	Advanced Refrigeration	Avoidance	United States	American Carbon Registry	Advanced Refrigeration Systems: Version 2.0
Go Net Zero	Bosques del Uruguay Afforestation through High Quality Timber in Grasslands Project	VCS1543	Afforestation/ Reforestation	Removal	Uruguay	Verified Carbon Standard (Verra)	AR-ACM0003: Afforestation and reforestation of lands except wetlands Version 2.0
Cargill	Chudu Afforestation Project	VCS2087	Afforestation/ Reforestation	Removal	China	Verified Carbon Standard (Verra)	AR-ACM0003: Afforestation and reforestation of lands except wetlands Version 2.0
ACT Commodities	Guanare Forest Plantations on Degraded Grasslands	VCS959	Afforestation/ Reforestation	Removal	Uruguay	Verified Carbon Standard (Verra)	AR-ACM0001: AR-ACM0001 Afforestation and Reforestation of Degraded Land Version 5.2
ACT Commodities	Guanare Forest Plantations on Degraded Grasslands	VCS959	Afforestation/ Reforestation	Removal	Uruguay	Verified Carbon Standard (Verra)	AR-ACM0001: AR-ACM0001 Afforestation and Reforestation of Degraded Land Version 5.2

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SCB Environmental Markets SA	Guinan Afforestation Project	VCS2070	Afforestation/Reforestation	Removal	China	Verified Carbon Standard (Verra)	AR-ACM0003: Afforestation and reforestation of lands except wetlands Version 2.0
ACT Commodities	Lumin/Eucapine Forest Plantations on degraded grasslands	VCS960	Afforestation/Reforestation	Removal	Uruguay	Verified Carbon Standard (Verra)	AR-ACM0001: AR-ACM0001 Afforestation and Reforestation of Degraded Land Version 5.2.0, EB 65
SCB Environmental Markets SA	Qianxinan Afforestation Project in Guizhou Province	VCS1847	Afforestation/Reforestation	Removal	China	Verified Carbon Standard (Verra)	AR-ACM0003: Afforestation and reforestation of lands except wetlands Version 2.0
Cargill	Guoluo Grassland Sustainable Management	VCS2458	Grasslands	Removal	China	Verified Carbon Standard (Verra)	VM0026: Methodology for Sustainable Grassland Management (SGM) Version 1.0
Cargill	Guoluo Grassland Sustainable Management	VCS2458	Grasslands	Removal	China	Verified Carbon Standard (Verra)	VM0026: Methodology for Sustainable Grassland Management (SGM) Version 1.0
Climate Impact Partners (merged ClimateCare and NCP)	Foam Blowing Agent Project 001L	ACR551	HFC Replacement in Foam Production	Avoidance	United States	American Carbon Registry	Transition to Advanced Formulation Blowing Agents in Foam Manufacturing and Use: Version 2.0
Climate Impact Partners (merged ClimateCare and NCP)	Foam Blowing Agent Project 001M	ACR624	HFC Replacement in Foam Production	Avoidance	United States	American Carbon Registry	Transition to Advanced Formulation Blowing Agents in Foam Manufacturing and Use: Version 2.0

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Climate Impact Partners (merged ClimateCare and NCP)	Foam Blowing Agent Project 001N	ACR766	HFC Replacement in Foam Production	Avoidance	United States	American Carbon Registry	Transition to Advanced Formulation Blowing Agents in Foam Manufacturing and Use: Version 3.0
Climate Impact Partners (merged ClimateCare and NCP)	Foam Blowing Agent Project 002E	ACR552	HFC Replacement in Foam Production	Avoidance	United States	American Carbon Registry	Transition to Advanced Formulation Blowing Agents in Foam Manufacturing and Use: Version 2.0
Climate Impact Partners (merged ClimateCare and NCP)	Foam Blowing Agent Project 002F	ACR623	HFC Replacement in Foam Production	Avoidance	United States	American Carbon Registry	Transition to Advanced Formulation Blowing Agents in Foam Manufacturing and Use: Version 2.0
Climate Impact Partners (merged ClimateCare and NCP)	Spray Foam Alpha	ACR591	HFC Replacement in Foam Production	Avoidance	United States	American Carbon Registry	Transition to Advanced Formulation Blowing Agents in Foam Manufacturing and Use: Version 6.0
Climate Impact Partners (merged ClimateCare and NCP)	Spray Foam Alpha 2	ACR620	HFC Replacement in Foam Production	Avoidance	United States	American Carbon Registry	Transition to Advanced Formulation Blowing Agents in Foam Manufacturing and Use: Version 2.0

Seller	Project Name	Registry ID	Project Type	Credit Type	Country	Registry	Protocol
Climate Impact Partners (merged ClimateCare and NCP)	Spray Foam Omega 2	ACR568	HFC Replacement in Foam Production	Avoidance	United States	American Carbon Registry	Transition to Advanced Formulation Blowing Agents in Foam Manufacturing and Use: Version 6.0
Climate Impact Partners (merged ClimateCare and NCP)	Spray Foam Omega 3	ACR621	HFC Replacement in Foam Production	Avoidance	United States	American Carbon Registry	Transition to Advanced Formulation Blowing Agents in Foam Manufacturing and Use: Version 6.0
Climate Impact Partners (merged ClimateCare and NCP)	Spray Foam Omega 4	ACR767	HFC Replacement in Foam Production	Avoidance	United States	American Carbon Registry	Transition to Advanced Formulation Blowing Agents in Foam Manufacturing and Use: Version 2.0
Climate Impact Partners (merged ClimateCare and NCP)	True Manufacturing FBA Project 002	ACR606	HFC Replacement in Foam Production	Avoidance	United States	American Carbon Registry	Transition to Advanced Formulation Blowing Agents in Foam Manufacturing and Use: Version 2.0
ACT Commodities	Captura de carbono forestal en el Ejido Rincón de Guadalupe	CAR1453	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Captura de carbono forestal en el Ejido Corral de Piedra	CAR1446	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0

Seller	Project Name	Registry ID	Project Type	Credit Type	Country	Registry	Protocol
ACT Commodities	Captura de carbono forestal en el Ejido El Capulín	CAR1448	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Captura de carbono forestal en el Ejido El Potrero	CAR1454	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Captura de carbono forestal en el Ejido San Jerónimo	CAR1450	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Captura de carbono forestal en el Ejido San Juan	CAR1451	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Captura de carbono forestal en el Ejido San Mateo	CAR1452	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Captura de carbono forestal en la Comunidad de Rincón de Guadalupe	CAR1445	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Captura de carbono forestal en la comunidad de San Miguel Tenextepec	CAR1447	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0

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ACT Commodities	Captura de carbono forestal en la comunidad de Santa María y sus Barrios	CAR1449	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Carbono Otomí La Florida	CAR1375	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 1.5
ACT Commodities	Carbono Petcacab	CAR1514	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Ejido Coatitila	CAR1435	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Ejido El Agua de Los Pescados y sus Anexos	CAR1437	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Ejido La Libertad	CAR1433	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Ejido Salto de Camellones	CAR1497	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Ejido San Pedro Buenavista	CAR1434	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Ejido sierra de Agua	CAR1432	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Ejido Topia	CAR1494	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0

Seller	Project Name	Registry ID	Project Type	Credit Type	Country	Registry	Protocol
ACT Commodities	Las Piedras Estate	CAR1438	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
ACT Commodities	Proyecto forestal de carbono del Ejido Xbonil	CAR1507	Improved Forest Management	Avoidance + Removal	Mexico	Climate Action Reserve (CAR)	Forestry - MX: Forestry - MX Version 2.0
Go Net Zero	Bosques del Uruguay Afforestation through High Quality Timber in Grasslands Project	VCS1543	Afforestation/ Reforestation	Removal	Uruguay	Verified Carbon Standard (Verra)	AR-ACM0003: Afforestation and reforestation of lands except wetlands Version 2.0
Creattura Co., Ltd.	The Land of Clear Streams Development Project	J-Credit 276	Afforestation/ Reforestation	Removal	Japan	J-Credit Registry	FO-001: Forest management activity
EcoAct	TIST Program in Kenya, VCS 005	VCS737	Afforestation/ Reforestation	Removal	Kenya	Verified Carbon Standard (Verra)	AR-AMS0001: Version 6.0
Aspiration	Northern Great Plains Regenerative Project	VCS1960	Agricultural Land Management	Removal	United States	Verified Carbon Standard (Verra)	VM0026: Methodology for Sustainable Grassland Management (SGM) Version 1.1
EcoAct	Delta Blue Carbon	VCS2250	Blue Carbon	Removal	Pakistan	Verified Carbon Standard (Verra)	VM0033: Methodology for Tidal Wetland and Seagrass Restoration Version 2.0
STX Commodities LLC (Vertis / Strive)	Delta Blue Carbon	VCS2250	Blue Carbon	Removal	Pakistan	Verified Carbon Standard (Verra)	VM0033: Methodology for Tidal Wetland and Seagrass Restoration Version 2.0
SCB Environmental Markets SA	Delta Blue Carbon	VCS2250	Blue Carbon	Removal	Pakistan	Verified Carbon Standard (Verra)	VM0033: Methodology for Tidal Wetland and Seagrass Restoration Version 2.0

Seller	Project Name	Registry ID	Project Type	Credit Type	Country	Registry	Protocol
STX Commodities LLC (Vertis / Strive)	Mai Ndombe REDD+ Project	VCS934	REDD+	Avoidance	Democratic Republic of the Congo	Verified Carbon Standard (Verra)	VM0009: Methodology for Avoided Ecosystem Conversion Version 2.0

Voluntary Offset Information from Fiscal Year 2021

Seller	Project Name	Registry ID	Project Type	Credit Type	Country	Registry	Protocol
Gaia Environment Pte Ltd	Hunan Northern and Northwestern Area Afforestation Project	VCS1896	Afforestation/ Reforestation	Removal	China	Verified Carbon Standard (Verra)	AR-ACM0003: Afforestation and reforestation of lands except wetlands Version 2.0
STX Commodities LLC (Vertis / Strive)	UpEnergy's Uganda Biomass Cookstove Project	GS10903	Community/ Livelihood	Avoidance	Uganda	Gold Standard	AMS-II.G.: Energy efficiency measures in thermal applications of non-renewable biomass Version 5.0
ACT Commodities	LaGeo Geothermal Project	CDM297	Geothermal	Avoidance	El Salvador	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 4.0
Bluesource (Anew)	Burnt Mountain	ACR518	Improved Forest Management	Avoidance	United States	American Carbon Registry	Improved Forest Management (IFM) on Non-Federal U.S. Forestlands: Version 1.3
Bluesource (Anew)	Burnt Mountain	ACR518	Improved Forest Management	Avoidance	United States	American Carbon Registry	Improved Forest Management (IFM) on Non-Federal U.S. Forestlands: Version 1.3
Creattura Co., Ltd.	Japanese Forest Management	J-Credit	Improved Forest Management	Removal	Japan	J-Credit Registry	FO-001: Forest management activity
Everland Marketing	Mai Ndombe REDD+ Project	VCS934	REDD+	Avoidance	Democratic Republic of the Congo	Verified Carbon Standard (Verra)	VM0009: Methodology for Avoided Ecosystem Conversion Version 2.0
Everland Marketing	Mai Ndombe REDD+ Project	VCS934	REDD+	Avoidance	Democratic Republic of the Congo	Verified Carbon Standard (Verra)	VM0009: Methodology for Avoided Ecosystem Conversion Version 2.0
Climate Impact Partners (merged ClimateCare and NCP)	Reduction of Deforestation and Degradation in Tambopata National Reserve	VCS1067	REDD+	Avoidance	Peru	Verified Carbon Standard (Verra)	VM0007: REDD+ Methodology Framework (REDD-MF) Version 1.4

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STX Commodities LLC (Vertis / Strive)	Rio Anapu-Pacaja REDD+ Project	VCS2252	REDD+	Avoidance	Brazil	Verified Carbon Standard (Verra)	VM0015: Methodology for Avoided Unplanned Deforestation Version 1.1
STX Commodities LLC (Vertis / Strive)	Dak Srong 2 Hydropower Project	VCS971	Small Scale Hydro	Avoidance	Vietnam	Verified Carbon Standard (Verra)	ACM0002: Grid-connected electricity generation from renewable sources Version 11.0
ACT Commodities	Energising India Using Solar Energy Projects	VCS1931	Solar	Avoidance	India	Verified Carbon Standard (Verra)	ACM0002: Grid-connected electricity generation from renewable sources Version 19.0
STX Commodities LLC (Vertis / Strive)	Ghani Solar Renewable Power Project by Greenko Group	VCS1792	Solar	Avoidance	India	Verified Carbon Standard (Verra)	ACM0002: Grid-connected electricity generation from renewable sources Version 18.1
STX Commodities LLC (Vertis / Strive)	150 MW grid connected Wind Power based electricity generation project in Gujarat, India	VCS292	Wind	Avoidance	India	Verified Carbon Standard (Verra)	ACM0002: Grid-connected electricity generation from renewable sources Version 19
EDF Trading	199.70 MW Wind Project in Maharashtra	VCS1447	Wind	Avoidance	India	Verified Carbon Standard (Verra)	ACM0002: Grid-connected electricity generation from renewable sources Version 16
EnKing International (EKI)	20 MW LNJP Wind Project Power Project, Rajasthan	CDM9460	Wind	Avoidance	India	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 15.0
Climate Resources Exchange International Pte Ltd (CRX)	23.1 MW Wind power project in Telagi, Karnataka	CDM5537	Wind	Avoidance	India	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 12.0

Seller	Project Name	Registry ID	Project Type	Credit Type	Country	Registry	Protocol
Climate Resources Exchange International Pte Ltd (CRX)	37.95 MW Wind power project in Bharmasagar, Karnataka by BPEIPL	CDM3870	Wind	Avoidance	India	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 11.0
Climate Resources Exchange International Pte Ltd (CRX)	37.95 MW Wind power project in Bharmasagar, Karnataka by BPEIPL	CDM3870	Wind	Avoidance	India	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 11.0
GO2-Markets, Inc.	60 MW Bandirma Wind Power Plant Project	GS744	Wind	Avoidance	Turkey	Gold Standard	ACM0002: Grid-connected electricity generation from renewable sources Version 12.1.0, EB 58
EDF Trading	Bundled Wind Power Project	VCS1669	Wind	Avoidance	Brazil	Verified Carbon Standard (Verra)	ACM0002: Grid-connected electricity generation from renewable sources Version 17.0
Climate Impact Partners (merged ClimateCare and NCP)	Cuel Wind Farm Project	CDM6635	Wind	Avoidance	Chile	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 12.0
ACT Commodities	Guazhou Beidaqiao No. 1 Wind Farm Project in Gansu Province, China	VCS1037	Wind	Avoidance	China	Verified Carbon Standard (Verra)	ACM0002: Grid-connected electricity generation from renewable sources Version 12.1
ACT Commodities	Guazhou Beidaqiao No. 1 Wind Farm Project in Gansu Province, China	VCS1037	Wind	Avoidance	China	Verified Carbon Standard (Verra)	ACM0002: Grid-connected electricity generation from renewable sources Version 12.1

Seller	Project Name	Registry ID	Project Type	Credit Type	Country	Registry	Protocol
SCB Environmental Markets SA	Hebei Chengde Weichang Yudaokou Ruyihe Wind	CDM7624	Wind	Avoidance	China	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 13.0
China Carbon N.V.	Inner Mongolia Yihewusu Phase II 49.5 MW Wind Power Project	VCS1001	Wind	Avoidance	China	Verified Carbon Standard (Verra)	ACM0002: Grid-connected electricity generation from renewable sources Version 20
ACT Commodities	La Fe Wind Farm Project	CDM8221	Wind	Avoidance	Nicaragua	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 13.0
GO2-Markets, Inc.	MCL wind power project in Tamilnadu, India	CDM9740	Wind	Avoidance	India	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 13.0
STX Commodities LLC (Vertis / Strive)	Samdal Wind Power project	CDM4661	Wind	Avoidance	South Korea	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 11.0
ACT Commodities	Solar PV power project at Patan, India	CDM7036	Wind	Avoidance	India	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 12.0
EnKing International (EKI)	Wigton Windfarm II	CDM5522	Wind	Avoidance	Jamaica	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 12.0
EnKing International (EKI)	Wind Energy Project in Gujarat by Enn Enn Corp Limited	CDM10073	Wind	Avoidance	India	Clean Development Mechanism (CDM)	AMS-I.D.: Grid connected renewable electricity generation Version 17.0
ACT Commodities	Wind Power Project at Rajkot, Gujarat	VCS1045	Wind	Avoidance	India	Verified Carbon Standard (Verra)	ACM0002: Grid-connected electricity generation from renewable sources Version 12.3
EnKing International (EKI)	Wind power project in Tamil Nadu by SWPPL	CDM7901	Wind	Avoidance	India	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 12.0

Voluntary Offset Information from Fiscal Year 2020

Seller	Project Name	Registry ID	Project Type	Credit Type	Country	Registry	Protocol
EcoAct	Myanmar Mangroves: Reforestation and Restoration of degraded mangrove lands	VCS1764	Afforestation/ Reforestation	Removal	Myanmar	Verified Carbon Standard (Verra)	AR-AM0014: Afforestation and reforestation of degraded mangrove habitats Version 3.0
South Pole USA, Inc	Qianbei Afforestation Project	VCS2082	Afforestation/ Reforestation	Removal	China	Verified Carbon Standard (Verra)	AR-ACM0003: Afforestation and reforestation of lands except wetlands Version 2.0
South Pole USA, Inc	San Nicolas CDM Reforestation Project	CDM9390	Afforestation/ Reforestation	Removal	Colombia	Clean Development Mechanism (CDM)	AR-AM0009: Afforestation or reforestation on degraded land allowing for silvopastoral activities Version 4.0
Bluesource (Anew)	Paradigm Kenya Clean Cookstoves Project	VCS1918	Community/ Livelihood	Avoidance	Kenya	Verified Carbon Standard (Verra)	AMS-II.G.: Energy efficiency measures in thermal applications of non-renewable biomass Version 10.0
ClimatePartner GmbH	Zoba Anseba Community Safe Water	GS5954	Community/ Livelihood	Avoidance	Eritrea	Gold Standard	GS TPDDTEC: Gold Standard Methodology Technologies and Practices to Displace Decentralized Thermal Energy Consumption Version 1.0
Bluesource (Anew)	Kootznoowoo Improved Forest Management Project	ACR499	Improved Forest Management	Avoidance	United States	American Carbon Registry	Improved Forest Management (IFM) on Non-Federal U.S. Forestlands: Version 1.3
Waara	Yokote J-Credit	J-Credit	Improved Forest Management	Removal	Japan	J-Credit Registry	FO-001: Forest management activity

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South Pole USA, Inc	Catalytic N2O destruction project in the tail gas of the Nitric Acid Plant of Abu Qir Fertilizer Co	CDM0490	Industrial Gas	Avoidance	Egypt	Clean Development Mechanism (CDM)	ACM0019: N2O abatement from nitric acid production Version 4.0
South Pole USA, Inc	Leak Reduction in Above Ground Distribution Equipment in the Gas Distribution Network UzTransgaz-Garbgaz	CDM3910	Industrial Gas	Avoidance	Uzbekistan	Clean Development Mechanism (CDM)	AM0023: Leak detection and repair in gas production, processing, transmission, storage and distribution systems and in refinery facilities Version 3.0
South Pole USA, Inc	Leak Reduction in Above Ground Distribution Equipment in the Gas Distribution Network UzTransgaz-Garbgaz	CDM4883	Industrial Gas	Avoidance	Uzbekistan	Clean Development Mechanism (CDM)	AM0023: Leak detection and repair in gas production, processing, transmission, storage and distribution systems and in refinery facilities Version 3.0
South Pole USA, Inc	Reduction of gas leakages in low- and middle-pressure gas-distribution pipelines in Tashkent City and Tashkent Region	CDM5176	Industrial Gas	Avoidance	Uzbekistan	Clean Development Mechanism (CDM)	AM0023: Leak detection and repair in gas production, processing, transmission, storage and distribution systems and in refinery facilities Version 3.0
South Pole USA, Inc	Huong Son Hydropower Project	CDM7120	Large Scale Hydro	Avoidance	Vietnam	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 13.0

Seller	Project Name	Registry ID	Project Type	Credit Type	Country	Registry	Protocol
South Pole USA, Inc	Khe Bo Hydropower Project	CDM9036	Large Scale Hydro	Avoidance	Vietnam	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 13.0
South Pole USA, Inc	Lower Stung Russei Chrum Hydro-Electric Project	CDM7056	Large Scale Hydro	Avoidance	Cambodia	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 12.0
South Pole USA, Inc	Nam Ngum 5 Hydropower Project	CDM9038	Large Scale Hydro	Avoidance	Laos	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 13.0
South Pole USA, Inc	New Bong Escape Hydropower Project	CDM2098	Large Scale Hydro	Avoidance	Pakistan	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 6.0
South Pole USA, Inc	Song Chung Hydropower Project	CDM3532	Large Scale Hydro	Avoidance	Vietnam	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 11.0
South Pole USA, Inc	Stung Tatay Hydroelectric Project	CDM8761	Large Scale Hydro	Avoidance	Cambodia	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 12.0
Climate Impact Partners (merged ClimateCare and NCP)	Acre Amazonian Rainforest Conservation REDD+ (Purus)	VCS963	REDD+	Avoidance	Brazil	Verified Carbon Standard (Verra)	VM0007: REDD+ Methodology Framework (REDD-MF) Version 1.3
Climate Impact Partners (merged ClimateCare and NCP)	Acre Amazonian Rainforest Conservation REDD+ (Valparaiso)	VCS1113	REDD+	Avoidance	Brazil	Verified Carbon Standard (Verra)	VM0007: REDD+ Methodology Framework (REDD-MF) Version 1.4
EcoAct	Madre de Dios REDD+ Project	VCS844	REDD+	Avoidance	Peru	Verified Carbon Standard (Verra)	VM0007: REDD+ Methodology Framework (REDD-MF) Version 1.2
EcoAct	Madre de Dios REDD+ Project	VCS844	REDD+	Avoidance	Peru	Verified Carbon Standard (Verra)	VM0007: REDD+ Methodology Framework (REDD-MF) Version 1.2

Seller	Project Name	Registry ID	Project Type	Credit Type	Country	Registry	Protocol
SCB Environmental Markets SA	Pacajai REDD+ Project	VCS981	REDD+	Avoidance	Brazil	Verified Carbon Standard (Verra)	VM0015: Methodology for Avoided Unplanned Deforestation Version 1.1
ClimatePartner GmbH	REDD+ Resguardo Indigena Unificado Selva De Mataven	VCS1566	REDD+	Avoidance	Colombia	Verified Carbon Standard (Verra)	VM0007: REDD+ Methodology Framework (REDD-MF) Version 1.5
ClimatePartner GmbH	Rimba Raya biodiversity reserve project	VCS674	REDD+	Avoidance	Indonesia	Verified Carbon Standard (Verra)	VM0004: Methodology for Conservation Projects that Avoid Planned Land-use Conversion in Peat Swamp Forests Version 1.0
Everland Marketing	The Kasigau Corridor REDD Project (Phase 2)	VCS612	REDD+	Avoidance	Kenya	Verified Carbon Standard (Verra)	VM0009: Methodology for Avoided Ecosystem Conversion Version 1.1
Climate Impact Partners (merged ClimateCare and NCP)	Kulera REDD+ and Cookstoves	VCS1168	REDD+ & Cookstoves	Avoidance	Malawi	Verified Carbon Standard (Verra)	VM0006: Methodology for Carbon Accounting for Mosaic and Landscape-scale REDD Projects Version 2.2
STX Commodities LLC (Vertis / Strive)	CDM run-of-river hydro	CDM3461	Small Scale Hydro	Avoidance	Indonesia	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 10.0
South Pole USA, Inc	Dak Srong 2 Hydropower Project - CDM	CDM8054	Small Scale Hydro	Avoidance	Vietnam	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 13.0
South Pole USA, Inc	Sustainable Small Hydropower PoA in Vietnam	CDM6095	Small Scale Hydro	Avoidance	Vietnam	Clean Development Mechanism (CDM)	No match:
South Pole USA, Inc	Metro Delhi, India	CDM4463	Transportation	Avoidance	India	Clean Development Mechanism (CDM)	ACM0016: Mass Rapid Transit Projects Version 4.0

Seller	Project Name	Registry ID	Project Type	Credit Type	Country	Registry	Protocol
South Pole USA, Inc	Guodian Shaanxi Jingbian Jishanliang 49.5MW Wind Farm Project	CDM7409	Wind	Avoidance	China	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 12.0
South Pole USA, Inc	Guodian Shaanxi Jingbian Jishanliang Phase III 49.5MW Wind Farm Project	CDM7424	Wind	Avoidance	China	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 12.0
South Pole USA, Inc	Huaneng Fuxin Zhangbei Wind Farm Project	CDM4320	Wind	Avoidance	China	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 11.0
South Pole USA, Inc	Huaneng Liaoning Fuxin Phase II Wind Farm Project	CDM2918	Wind	Avoidance	China	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 9.0
South Pole USA, Inc	Huaneng Tongliao Baolongshan Phase II Wind Farm Project	CDM2599	Wind	Avoidance	China	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 9.0
South Pole USA, Inc	Huaneng Tongliao Zhurihe Phase I Wind Farm Project	CDM3124	Wind	Avoidance	China	Clean Development Mechanism (CDM)	ACM0002: Grid-connected electricity generation from renewable sources Version 10.0

Historical Record of Takeda Voluntary Energy Attribute Certificate (EAC) Purchases

Voluntary Energy Attribute Certificate (EAC) Information from Fiscal Year 2022					
Seller	Project Name	Project Type	Credit Type	Country	Tracking Instrument Used
ACT Commodities	EAC - Brazil, I-REC	Solar	Renewable Energy	Brazil	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Brazil, I-REC	Solar	Renewable Energy	Brazil	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Brazil, I-REC	Solar	Renewable Energy	Brazil	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Brazil, I-REC	Solar	Renewable Energy	Brazil	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Brazil, I-REC	Solar	Renewable Energy	Brazil	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Bulgaria, GO	Solar	Renewable Energy	Bulgaria	Guarantee of Origin (GO)
ACT Commodities	EAC - Canada/United States, REC	Wind	Renewable Energy	Canada/United States	Renewable Energy Credit (REC)
ACT Commodities	EAC - Canada/United States, REC	Wind-Solar	Renewable Energy	Canada/United States	Renewable Energy Credit (REC)
ACT Commodities	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Guatemala, I-REC	Solar	Renewable Energy	Guatemala	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - India, I-REC	Wind-Solar	Renewable Energy	India	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Israel, I-REC	Solar	Renewable Energy	Israel	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Jordan, I-REC	Solar	Renewable Energy	Jordan	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Kazakhstan, I-REC	Solar	Renewable Energy	Kazakhstan	International Renewable Energy Credit (I-REC)

Seller	Project Name	Project Type	Credit Type	Country	Tracking Instrument Used
ACT Commodities	EAC - Kazakhstan, I-REC	Solar	Renewable Energy	Kazakhstan	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Kazakhstan, I-REC	Solar	Renewable Energy	Kazakhstan	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Kazakhstan, I-REC	Solar	Renewable Energy	Kazakhstan	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Kazakhstan, I-REC	Solar	Renewable Energy	Kazakhstan	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Malaysia, I-REC	Solar	Renewable Energy	Malaysia	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Mexico, I-REC	Wind	Renewable Energy	Mexico	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - New Zealand, NZREC	Wind	Renewable Energy	New Zealand	New Zealand Renewable Energy Credit (NZREC)
ACT Commodities	EAC - Poland, GO	Wind	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - Poland, GO	Wind	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - Poland, GO	Wind	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - Poland, GO	Wind	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - Poland, GO	Wind	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - Poland, GO	Wind	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - Poland, GO	Wind	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - Poland, GO	Wind	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - Taiwan, I-REC	Wind-Solar	Renewable Energy	Taiwan	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Vietnam, I-REC	Solar	Renewable Energy	Vietnam	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Vietnam, I-REC	Solar	Renewable Energy	Vietnam	International Renewable Energy Credit (I-REC)

Seller	Project Name	Project Type	Credit Type	Country	Tracking Instrument Used
ACT Commodities	EAC - Vietnam, I-REC	Solar	Renewable Energy	Vietnam	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Vietnam, I-REC	Solar	Renewable Energy	Vietnam	International Renewable Energy Credit (I-REC)
Creattura Co., Ltd.	EAC - Japan, NFC	Solar	Renewable Energy	Japan	Non-Fossil Certificate (NFC)
STX Commodities LLC (Vertis / Strive)	EAC - Argentina, I-REC	Wind	Renewable Energy	Argentina	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - Australia, LGC	Solar	Renewable Energy	Australia	Large-Scale Generation Certificate (LGC)
STX Commodities LLC (Vertis / Strive)	EAC - Brazil, I-REC	Wind	Renewable Energy	Brazil	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - Chile, I-REC	Wind	Renewable Energy	Chile	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - Egypt, I-REC	Solar	Renewable Energy	Egypt	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - Egypt, I-REC	Solar	Renewable Energy	Egypt	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)

Seller	Project Name	Project Type	Credit Type	Country	Tracking Instrument Used
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Europe, GO	Wind-Solar	Renewable Energy	Europe	Guarantee of Origin (GO)
STX Commodities LLC (Vertis / Strive)	EAC - Indonesia, I-REC	Solar	Renewable Energy	Indonesia	International Renewable Energy Credit (I-REC)

Seller	Project Name	Project Type	Credit Type	Country	Tracking Instrument Used
STX Commodities LLC (Vertis / Strive)	EAC - Indonesia, I-REC	Solar	Renewable Energy	Indonesia	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - South Africa, I-REC	Wind	Renewable Energy	South Africa	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - Thailand, I-REC	Solar	Renewable Energy	Thailand	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - Turkey, I-REC	Wind	Renewable Energy	Turkey	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - United Arab Emirates, I-REC	Solar	Renewable Energy	United Arab Emirates	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - United Arab Emirates, I-REC	Solar	Renewable Energy	United Arab Emirates	International Renewable Energy Credit (I-REC)

Voluntary Energy Attribute Certificate (EAC) Information from Fiscal Year 2021

Seller	Project Name	Project Type	Credit Type	Country	Tracking Instrument Used
ACT Commodities	EAC - Argentina, I-REC	Wind-Solar	Renewable Energy	Argentina	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Canada/United States, REC	Wind	Renewable Energy	Canada/ United States	Renewable Energy Credit (REC)
ACT Commodities	EAC - Costa Rica, I-REC	Wind	Renewable Energy	Costa Rica	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Egypt, I-REC	Solar	Renewable Energy	Egypt	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - India, I-REC	Wind	Renewable Energy	India	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Israel, I-REC	Solar	Renewable Energy	Israel	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Jordan, I-REC	Solar	Renewable Energy	Jordan	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Jordan, I-REC	Solar	Renewable Energy	Jordan	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Malaysia, I-REC	Solar	Renewable Energy	Malaysia	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Peru, I-REC	Wind	Renewable Energy	Peru	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Philippines, I-REC	Geothermal	Renewable Energy	Philippines	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Poland, GO	Wind-Solar	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - Poland, GO	Wind-Solar	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - Poland, GO	Wind-Solar	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - Poland, GO	Wind-Solar	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - Poland, GO	Wind-Solar	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - Poland, GO	Wind-Solar	Renewable Energy	Poland	Guarantee of Origin (GO)

Seller	Project Name	Project Type	Credit Type	Country	Tracking Instrument Used
ACT Commodities	EAC - Poland, GO	Wind-Solar	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - Poland, GO	Wind-Solar	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - Poland, GO	Wind-Solar	Renewable Energy	Poland	Guarantee of Origin (GO)
ACT Commodities	EAC - United Kingdom, REGO	Wind-Solar	Renewable Energy	United Kingdom	Renewable Energy Guarantee of Origin (REGO)
ACT Commodities	EAC - United States, REC	Wind-Solar	Renewable Energy	United States	Renewable Energy Credit (REC)
ACT Commodities	EAC - Vietnam, I-REC	Solar	Renewable Energy	Vietnam	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Vietnam, I-REC	Solar	Renewable Energy	Vietnam	International Renewable Energy Credit (I-REC)
ClimatePartner GmbH	EAC - Australia, LGC	Wind	Renewable Energy	Australia	Large-Scale Generation Certificate (LGC)
ClimatePartner GmbH	EAC - Brazil, I-REC	Wind	Renewable Energy	Brazil	International Renewable Energy Credit (I-REC)
ClimatePartner GmbH	EAC - Chile, I-REC	Wind	Renewable Energy	Chile	International Renewable Energy Credit (I-REC)
ClimatePartner GmbH	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ClimatePartner GmbH	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ClimatePartner GmbH	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ClimatePartner GmbH	EAC - Croatia, Czech Republic, Estonia, France, Italy Spain, EECs GO	Wind	Renewable Energy	Croatia, Czech Republic, Estonia, France, Italy Spain	European Energy Certificate System (EECS)
ClimatePartner GmbH	EAC - Czech Republic, Italy, EECs GO	Wind-Solar	Renewable Energy	Czech Republic, Italy	European Energy Certificate System (EECS)
ClimatePartner GmbH	EAC - Estonia, France, Italy, Portugal, EECs GO	Wind	Renewable Energy	Estonia, France, Italy, Portugal	European Energy Certificate System (EECS)

Seller	Project Name	Project Type	Credit Type	Country	Tracking Instrument Used
ClimatePartner GmbH	EAC - Indonesia, I-REC	Solar	Renewable Energy	Indonesia	International Renewable Energy Credit (I-REC)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)

Seller	Project Name	Project Type	Credit Type	Country	Tracking Instrument Used
ClimatePartner GmbH	EAC - Italy, EECs GO	Wind	Renewable Energy	Italy	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Portugal, EECs GO	Wind	Renewable Energy	Portugal	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Portugal, EECs GO	Wind	Renewable Energy	Portugal	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Portugal, EECs GO	Wind	Renewable Energy	Portugal	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Portugal, EECs GO	Wind	Renewable Energy	Portugal	Guarantee of Origin (GO)
ClimatePartner GmbH	EAC - Thailand, I-REC	Wind	Renewable Energy	Thailand	International Renewable Energy Credit (I-REC)
ClimatePartner GmbH	EAC - Turkey, I-REC	Wind	Renewable Energy	Turkey	International Renewable Energy Credit (I-REC)
ClimatePartner GmbH	EAC - Turkey, I-REC	Wind	Renewable Energy	Turkey	International Renewable Energy Credit (I-REC)
ClimatePartner GmbH	EAC - Turkey, I-REC	Wind	Renewable Energy	Turkey	International Renewable Energy Credit (I-REC)
ClimatePartner GmbH	EAC - Turkey, I-REC	Wind	Renewable Energy	Turkey	International Renewable Energy Credit (I-REC)
ClimatePartner GmbH	EAC - Turkey, I-REC	Wind	Renewable Energy	Turkey	International Renewable Energy Credit (I-REC)
ClimatePartner GmbH	EAC - United Arab Emirates, I-REC	Solar	Renewable Energy	United Arab Emirates	International Renewable Energy Credit (I-REC)
Creattura Co., Ltd.	EAC - Japan, NFC	Wind-Solar	Renewable Energy	Japan	Non-Fossil Certificate (NFC)
Monsoon Carbon Pte Ltd.	EAC - Mexico, I-REC	Wind	Renewable Energy	Mexico	International Renewable Energy Credit (I-REC)
Monsoon Carbon Pte Ltd.	EAC - Taiwan, I-REC	Small Scale Hydro	Renewable Energy	Taiwan	International Renewable Energy Credit (I-REC)

Voluntary Energy Attribute Certificate (EAC) Information from Fiscal Year 2020

Seller	Project Name	Project Type	Credit Type	Country	Tracking Instrument Used
ACT Commodities	EAC - Canada, REC	Wind	Renewable Energy	Canada	Renewable Energy Credit (REC)
ACT Commodities	EAC - Canada/United States, REC	Wind	Renewable Energy	Canada/United States	Renewable Energy Credit (REC)
ACT Commodities	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - Europe, GO	Wind	Renewable Energy	Europe	Guarantee of Origin (GO)

Seller	Project Name	Project Type	Credit Type	Country	Tracking Instrument Used
ACT Commodities	EAC - Japan, J-Credit	Wind-Solar	Renewable Energy	Japan	J-Credit
ACT Commodities	EAC - Norway, European AIB GO	Wind	Renewable Energy	Norway	European AIB Guarantee of Origin
ACT Commodities	EAC - Russia, I-REC	Solar	Renewable Energy	Russia	International Renewable Energy Credit (I-REC)
ACT Commodities	EAC - United States, Green e-Certified REC	Wind	Renewable Energy	United States	Green e-Certified Renewable Energy Certificate
Climate Impact Partners (merged ClimateCare and NCP)	EAC - Japan, J-Credit	Solar	Renewable Energy	Japan	J-Credit
STX Commodities LLC (Vertis / Strive)	EAC - Argentina, I-REC	Wind	Renewable Energy	Argentina	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - Brazil, I-REC	Wind	Renewable Energy	Brazil	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - China, I-REC	Wind	Renewable Energy	China	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - India, I-REC	Large Scale Hydro	Renewable Energy	India	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - India, I-REC	Run-of-river Hydro	Renewable Energy	India	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - Indonesia, I-REC	Run-of-river Hydro	Renewable Energy	Indonesia	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - Indonesia, I-REC	Run-of-river Hydro	Renewable Energy	Indonesia	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - Malaysia, I-REC	Biogas / Landfill gas	Renewable Energy	Malaysia	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - Malaysia, I-REC	Biogas / Landfill gas	Renewable Energy	Malaysia	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - Malaysia, I-REC	Solar	Renewable Energy	Malaysia	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - Mexico, I-REC	Wind	Renewable Energy	Mexico	International Renewable Energy Credit (I-REC)
STX Commodities LLC (Vertis / Strive)	EAC - Mexico, I-REC	Wind	Renewable Energy	Mexico	International Renewable Energy Credit (I-REC)