

Cancellation Statement for EECS Certificates

in accordance with the EECS Rules of the Association of Issuing Bodies and the effective Domain Protocol for Switzerland (DP CH).

This document confirms that the designated EECS Certificates have been cancelled in the Swiss GO system and cannot be re-cancelled. Onward sale of this Cancellation Statement for EECS Certificates to any party other than the beneficiary is prohibited. Any duplication of this Cancellation Statement for EECS Certificates or its amendment is prohibited.

General data

This Cancellation Statement for EECS Certificates has been cancelled on the instructions of (ordering party)	ACT Commodities B.V.
	Atrium Building, 8th floor
	Strawinskylaan 3127
	NL-1077 ZX Amsterdam
Account number belonging to the ordering party	32XAMS2078
Cancellation date	2020-11-11
Cancelled by	Pronovo AG (Switzerland)
Cancellation statement number	322020111000003
Number of EECS Certificates cancelled	17520
Number of MWh represented	17.520.000
This Cancellation Statement for EECS Certificates has been cancelled in favour of (beneficiary)	Aluminij Industries d.o.o.
	Bacevici bb
	BA-88000 MOSTAR
Purpose of cancellation	Voluntary market Europe
	With this certificate, the company Aluminij Industries d.o.o. will achieve 100% coverage of electricity consumption from renewable sources. This electricity will be used in the aluminum plant, to obtain aluminum from 100% renewable energy.

Information on the production plants

Nr	ID of the production plant	Location	Certificate type	Energy source	Type of funding	Additional quality	Identification details of the production plants
1	383004036000000009	SI	03	206	00	00	see separate sheet
2	383004036000000009	SI	03	206	00	00	see separate sheet
3	383004036000000009	SI	03	206	00	00	see separate sheet
4	383004036000000108	SI	03	206	00	00	see separate sheet

Cancelled EECS Certificates

Nr	From guarantee ID	To guarantee ID	Number of certificates	Number of MWh represented	Date of cancellation	Production period
1	383004000000000000000000029824062	383004000000000000000000029827540	3.479	3.479,000	2020-11-10	2020-06
2	383004000000000000000000030141624	383004000000000000000000030146087	4.464	4.464,000	2020-11-10	2020-07
3	383004000000000000000000030680903	383004000000000000000000030686368	5.466	5.466,000	2020-11-10	2020-08
4	383004000000000000000000029052691	383004000000000000000000029056801	4.111	4.111,000	2020-11-10	2020-04

Identification details and technical data of the production plants

ID of the production plant	383004036000000009
Name	HE Dravograd - Meža 133, 2370 Dravograd
Location	Dravograd
Commissioning date	01.01.1943
Energy source used pursuant to Federal Ordinance on Energy	Hydro power
Installed electrical capacity [kW]	26'200

ID of the production plant	383004036000000108
Name	HE Medvode - Gorenjska cesta 46, 1215 Medvode
Location	Medvode
Commissioning date	01.01.1953
Energy source used pursuant to Federal Ordinance on Energy	Hydro power
Installed electrical capacity [kW]	25'000

Legend

Guarantee type	Code
RECS Certificate	01
Guarantee of Origin under Swiss law	02
EECS Certificate	03

Support type	Code
No support	00
Investment support	01
Production support (feed-in tariff)	02
Combination of Investment and production support	03

Additional quality (quality mark)	Code
No additional quality	00
naturemade basic (certification of electricity production) (Not a component of the ISO/IEC 17065 accreditation process)	01
naturemade star (certification of electricity production) (Not a component of the ISO/IEC 17065 accreditation process)	02
TÜV EE (Not a component of the ISO/IEC 17065 accreditation process)	03

Energy source	EECS Technology code	EECS Fuel code	Code	CO ₂ [Kg/GJ]	Radioactive waste
Wind Turbine Onshore	T020001	F01050100	001	0	-
Photovoltaic	T010100	F01040100	003	0	-
Solar Thermal	T010200	F01040100	004	0	-
Hydro power	T030000	F01050200	005	0	-
Geothermal	T050000	F01040200	010	0	-
Energy crops	T050000	F01010501	011	0	-
Forestry and agricultural by-products and waste	T050000	F01010000	012	0	-
Sewage gas	T050000	F01030200	014	0	-
Biogas	T050000	F01030000	015	0	-
Industrial by-products & commercial waste (non-fossil proportion)	T050000	F01010201	017	0	-
Gas and steam turbine power plant (GuD)	T050100	F02030000	100	247,4	-
Refuse fired backpressure steam turbine	T050200	F02010400	110	73,6	-
Industrial waste fired backpressure steam turbine	T050200	F02010500	111	73,6	-
Petroleum fired backpressure steam turbine	T050200	F02020000	112	100,8	-
Natural gas fired backpressure steam turbine	T050200	F02030000	113	247,4	-
Refuse fired condensing steam turbine	T050300	F02010400	120	73,6	-
Industrial waste fired condensing steam turbine	T050300	F02010500	121	73,6	-
Petroleum fired condensing steam turbine	T050300	F02020000	122	100,8	-
Natural gas fired condensing steam turbine	T050300	F02030000	123	247,4	-
Gas turbine	T050400	F02030000	130	247,4	-
Gasturbine Non-CHP - Energy Crops	T050401	F01030305	131	0	-
Combustion motor with liquid fuel	T050500	F02020000	140	100,8	-
Combustion motor with gaseous fuel	T050500	F02030000	141	247,4	-
Verbrennungsmotor Non-CHP - Energy Crops	T050501	F01030305	142	0	-
Micro-turbine motor with liquid fuel	T050600	F02020000	150	100,8	-
Micro-turbine motor with gaseous fuel	T050600	F02030000	151	247,4	-
Mikroturbine Non-CHP - Energy Crops	T050601	F01030305	152	0	-
Stirling motor	T050700	F02040000	160	0	-
Stirlingmotor Non CHP - Energy Crops	T050701	F01030305	161	0	-
Fuel cell	T050800	F02000000	170	247,4	-
Steam motor	T050900	F02000000	180	247,4	-
Organic Rankine Cycle (ORC)	T051000	F02040000	190	0	-
Organic Rankine Cycle (ORC) Non CHP - Energy Crops	T051001	F01030305	191	0	-
Light water reactor	T060200	F03010100	200	0	5
Wind Turbine Unspecified	T020000	F01050100	201	0	-

Energy source	EECS Technology code	EECS Fuel code	Code	CO2[Kg/GJ]	Radioactive waste
Wind Turbine offshore	T020002	F01050100	202	0	-
Hydro power Run-of-river head installation	T030100	F01050200	206	0	-
Hydro power Storage head installation	T030200	F01050200	207	0	-
Hydro power Pure pumped storage head installation	T030300	F01050200	208	0	-
Hydro power Mixed pumped storage head	T030400	F01050200	209	0	-
Biomass	T050000	F01010500	210	0	-
Thermal - Steam turbine with condensation turbine	T050302	F01040200	211	0	-
Biomass from Agriculture - Steam turbine with back-pressure turbine	T050202	F01010500	212	0	-
Wood fuels - Steam turbine with back-pressure turbine	T050202	F01010300	213	0	-
Municipal waste	T050200	F01010101	215	0	-
Municipal solid waste	T050000	F01010101	216	0	-
Solar Unspecified	T010000	F01040100	217	0	-
Solid Forstry Products	T050000	F01010301	218	0	-
Solid Forstry by-products and waste	T050000	F01010302	219	0	-
Landfill gas	T050000	F01030100	220	0	-
Sewage gas unspecified	T050500	F01030300	221	0	-
Gas from organic waste digestion - Unspecified	T050502	F01030400	222	0	-
Unspecified Photovoltaic Energy	T010100	F01000000	223	0	-
Unspecified Agricultural Gas	T050502	F01030300	224	0	-
Agricultural gas from Energy Crops	T050000	F01030305	225	0	-
Agricultural gas unspecified manure	T050602	F01030304	226	0	-
Petroleum products, fuel oil, low-sulphur	T050502	F02020308	227	74,3	-
Thermal: Gas from pig manure	T050000	F01030301	228	0	-
Thermal: Gas from organic waste	T050000	F01030400	229	0	-
Thermal: Agricultural gas	T050000	F01030300	230	0	-
Thermal: Agricultural gas, unspecified manure	T050000	F01030304	231	0	-
Combustion: Gas from cow manure	T050500	F01030302	232	0	-
Combustion: Agricultural gas	T050500	F01030304	233	0	-
Combustion: Gas from organic waste	T050500	F01030400	234	0	-
Combustion: Gas from energy crops	T050500	F01030305	235	0	-
Combustion: Agricultural gas unspec.	T050501	F01030300	236	0	-
Combustion Non CHP: Gas from cow manure	T050501	F01030302	237	0	-
Combustion Non CHP: Gas from pig manure	T050501	F01030301	238	0	-
Combustion Non CHP: Gas from organic waste	T050501	F01030400	239	0	-
Combustion Non CHP: Agricultural gas	T050501	F01030304	240	0	-
Microturbine: Agricultural gas	T050600	F01030304	241	0	-
Micro Turbine: Agricultural gas unspec.	T050600	F01030300	242	0	-
Micro Turbine: Gas from energy crops	T050600	F01030305	243	0	-
Micro Turbine Non CHP: Agricultural gas	T050601	F01030304	244	0	-
Micro Turbine Non CHP: Agricultural gas unspec.	T050601	F01030300	245	0	-
Stirling engine: Gas from cow manure	T050700	F01030302	246	0	-
Stirling engine: Gas from energy crops	T050700	F01030305	247	0	-
Stirling engine Non CHP: Agricultural gas unspec.	T050701	F01030300	248	0	-
Mechanical source or other: Wind	T030000	F01050100	249	0	-
Thermal Steam engine Non CHP: Forestry by-products & waste	T050901	F01010302	250	0	-
Thermal Steam engine Non CHP: Unspecified	T050901	F01020300	251	0	-
Thermal Steam engine Non CHP: Agricultural products	T050901	F01010501	252	0	-
Stirling engine Non CHP: Agricultural gas Cow manure	T050701	F01030302	253	0	-
Stirling engine Non CHP: Agricultural gas unspec. manure	T050701	F01030304	254	0	-
Thermal Steam turbine with back-pressure CHP: Solid Wood Forestry products	T050202	F01010301	255	0	-
Thermal Steam turbine with back-pressure CHP: Forestry by-products & waste	T050202	F01010302	256	0	-
Hydro-electric head installations Unspecified	T030000	F01000000	257	0	-
Thermal Liquid Unspecified	T050000	F01020000	258	0	-
Thermal Steam turbine with back-pressure CHP: Biomass from agriculture	T050200	F01010500	259	0	-
Natural gas - Unspecified	T050000	F02030100	260	56,1	-

Energy source	EECS Technology code	EECS Fuel code	Code	CO2[Kg/GJ]	Radioactive waste
Geothermal - Unspecified	T050202	F01040200	261	0	-
Thermal Steam turbine with back-pressure Upd: Wood Forestry by-products waste	T050200	F01010302	262	0	-
Thermal Steam turbine with back-pressure Upd: Wood Forestry products	T050200	F01010301	263	0	-
Thermal: Solid Wood Unspecified	T050000	F01010300	264	0	-
Thermal Steam engine Unspecified: Forestry by-products & waste	T050900	F01010302	265	0	-
Thermal Steam engine Unspecified: Pure plant oil unspecified	T050900	F01020300	266	0	-
Thermal Steam engine CHP: Pure plant oil unspecified	T050902	F01020300	267	0	-
Thermal Steam engine CHP: Forestry by-products & waste	T050902	F01020302	268	0	-
Thermal Internal combustion engine CHP: Gaseous Agricultural gas Energy crops	T050502	F01030305	269	0	-
Thermal Internal combustion engine CHP: Gaseous Agricultural Unspecified manure	T050502	F01030304	270	0	-
Thermal Stirling engine CHP: Gaseous Agricultural gas Cow manure	T050702	F01030302	271	0	-
Thermal Stirling engine CHP: Gaseous Agricultural gas Energy crops	T050702	F01030305	272	0	-
Thermal Internal combustion engine CHP: Gaseous Agricultural Cow manure	T050502	F01030302	273	0	-
Micro Turbine CHP: Gaseous Agricultural Energy crops	T050602	F01030305	274	0	-
Micro Turbine CHP: Gaseous Agricultural Unspecified	T050602	F01030300	275	0	-
Thermal Steam turbine with back-pressure Non CHP: Wood Forestry products	T050201	F01010302	276	0	-
Fossil Solid Unspecified	T050000	F02010000	277	111,9	-
Thermal Steam turbine non CHP: Wood Unspecified	T050301	F01010300	278	0	-
Thermal Steam turbine non CHP: Black liquor	T050301	F01020200	279	0	-
Thermal Steam turbine with back-pressure CHP: Black liquor	T050202	F01020200	280	0	-
Thermal Combined cycle gas turbine CHP: Fossil gas Unspecified	T050102	F02030100	281	56,1	-
Thermal combustion engine CHP: Fossil gas Unspecified	T050502	F02030100	282	56,1	-
Steam turbine with back-pressure turbine: Energy crops	T050201	F01030305	283	0	-
Steam turbine with condensation turbine: Energy crops	T050301	F01030305	284	0	-
Photovoltaic Classic silicon	T010101	F01040100	285	0	-
Fossil Solid Municipal waste Unspecified	T050000	F02010400	286	265	-
Thermal Steam turbinge with back-pressure turbine: CHP	T050202	F01010101	287	0	-
Thermal Steam turbinge with back-pressure turbine: Unspecified	T050200	F01010501	288	0	-
Thermal Unspecified	T050000	F01020200	289	0	-
Thermal Steam turbine with consideraton turbine: Liquid unspecified	T050302	F02020000	290	100,8	-
Thermal Steam turbinge with back-pressure turbine : Liquid unspecified	T050202	F02020000	291	100,8	-
Thermal Steam turbinge with back-pressure turbine : Renewable Biogenic	T050201	F01010201	292	0	-
Thermal Steam turbine with consideraton turbine: Renewable Liquid Unspecified	T050202	F01020000	293	0	-
Thermal Steam turbinge with back-pressure turbine : Renewable	T050202	F01000000	294	0	-
Thermal: Forestry by-products & waste	T050301	F01010302	295	0	-
Thermal CHP: Forestry by-products & waste	T050302	F01010302	296	0	-
Marine Tidal : Renewable Mechanical source or other Hydro & marine	T040100	F01050200	297	0	-
Thermal Internal combustion engine Non-CHP : Renewable Landfill Gas	T050501	F01030100	298	0	-
Thermal Steam engine CHP : Renewable Wood Forestry by-products & waste	T050902	F01010302	299	0	-
Thermal Steam engine CHP : Renewable Solid Biomass Agricultural Products	T050902	F01010501	300	0	-
Thermal Unspecified : Fossil Solid Hard Coal	T050000	F02010100	301	111,9	-
Thermal Internal combustion engine CHP : Renewable Landfill Gas	T050502	F01030100	302	0	-
Solar Photovoltaic Thin Film - Solar Unspecified	T010102	F01040100	303	0	-
Thermal Unspecified - Agricultural Gas Cow Manure	T050000	F01030302	304	0	-
Thermal Gas Turbine with heat recovery non-CHP : Agricultural Gas unspecified	T050401	F01030300	305	0	-
Thermal Gas Turbine with heat recovery non-CHP - Agri gas unspec manure	T050401	F01030304	306	0	-
Thermal Internal combustion engine CHP - Agricultural gas pig manure	T050502	F01030301	307	0	-

Thermal Organic rankine cycle non-CHP - Agricultural Gas unspecified	T051001	F01030300	308	0	-
Thermal Gas turbine with heat recovery - Agri gas energy crops	T050402	F01030305	309	0	-

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Verification code 898589

The accuracy of the above details is confirmed by the competent issuer of GO disclosure certificates for the domain Switzerland:

Pronovo AG, Dammstrasse 3, 5070 Frick