

POWER QUALITY REFERENCE LIST (STATCOM)
SILCOVAR-D & SILCOVAR-H

Year	Customer	Country of the Customer	End User	Country of the End User	Q.ty	Voltage (kV) Converter/ Grid	Rating (MVAR)	Transformerless voltage (kV)	Application	Market	Notes
2021	FERALPI - CALEOTTO	ITALY			1	12/12	±6.6	12	ROLLING MILL	METALS	Power factor Improvement; Voltage Stabilization; Reactive Current close-loop Control System;
2021	TERNA ENERGY SOLUTION	ITALY	ACCIAIERIE VENETE - PADOVA	ITALY	1	33/33	±124.7	33	AC EAF + LF	METALS	Power Factor Improvement; Flicker Reduction; Voltage Stabilization; Harmonic Voltage Distortion Reduction; Reactive Current open- and closed-loop Control System; Single-phase Response for Unbalanced Load
2021	TERNA ENERGY SOLUTION	ITALY	ACCIAIERIE VENETE - SAREZZO	ITALY	1	30/30	±113.4	30	AC EAF + LF	METALS	Power Factor Improvement; Flicker Reduction; Voltage Stabilization; Harmonic Voltage Distortion Reduction; Reactive Current open- and closed-loop Control System; Single-phase Response for Unbalanced Load
2021	TERNA ENERGY SOLUTION	ITALY	ACCIAIERIE VENETE - BORGIO V.	ITALY	1	21/21	±79.4	21	AC EAF + LF	METALS	Power Factor Improvement; Flicker Reduction; Voltage Stabilization; Harmonic Voltage Distortion Reduction; Reactive Current open- and closed-loop Control System; Single-phase Response for Unbalanced Load
2021	TERNA RETE ITALIA	ITALY			1	35/400	±132.3	35	STATCOM for GRID STABILIZATION	GRID	Voltage Stabilization, Voltage Support; Reactive Current closed-loop Control System;
2020	ARCELOR MITTAL POLAND	POLAND			1	6.0/6.0	±7.3	6	METAL SHOP	METALS	Power factor Improvement; Voltage Stabilization; Reactive Current close-loop Control System;
2020	REGIONSTROY (Jointly with AVEI)	POLAND	West-Siberian Metallurgical Plant (LLC "ZSMK"	Novokuznetsk, Russia	2	6.0/6.0	±4.2	6	FERROALLOY FURNACES	METALS	Power factor Improvement; Voltage Stabilization; Reactive Current close-loop Control System; Harmonics mitigation.
2020	FERALPI - LONATO	ITALY			1	33/33	±124.7	33	AC EAF + LF	METALS	Power Factor Improvement; Flicker Reduction; Voltage Stabilization; Harmonic Voltage Distortion Reduction; Reactive Current open- and closed-loop Control System; Single-phase Response for Unbalanced Load
2019	JWS Italy S.p.A - PIOMBINO	ITALY			1	10/10	± 9.7	10	ROLLING MILL	METALS	Power factor Improvement; Voltage Stabilization; Reactive Current close-loop Control System;
2019	ELECTROMATIC CONSTRUCTIONS LTD	CYPRUS	ARAB POTASH - CO. PLC	JORDAN	4	11/33	±10.6	11	POWER PLANT and WATER INTAKE SYSTEM	ENERGY	Power factor Improvement; Voltage Stabilization; Reactive Current close-loop Control System;
2018	VALOREM	FRANCE			1	33/0.55	± 4	0.55	WIND FARM	GRID	Power factor Improvement; Voltage Stabilization; Reactive Current close-loop Control System; Single-phase Response for Unbalanced Load
2016	SCHNEIDER ELECTRIC	FRANCE	LA MAGDALEINE	FRANCE	1	20.0 / 0.55	± 6	0.55	WIND FARM	GRID	Voltage Support for Wind Application + 6 MVar S-D + 2 x 3 MVar MSC - 6 MVar S-D - 3.5 MVar MSR
2014	EDF	FRANCE			1	225kV/33kV	-26/+32	0.55	WIND FARM	GRID	Voltage support and reactive power compensation
2014	ELECTROLOGICA	ROMANIA	HOEGANAES	BUZAU - ROMANIA	1	20.0 / 0.55	± 9	0.55	AC EAF	METALS	Power Factor Improvement; Flicker Reduction; Voltage Stabilization; Harmonic Voltage Distortion Reduction; Reactive Current open- and closed-loop Control System; Single-phase Response for Unbalanced Load
2014	ZECO Srl	ITALY	ENEL GREEN POWER	ITALY	2	0.4	0,7	0.4	MINI HYDRO	ENERGY	Hybrid system Afe+Capacitors Power factor controller in small hydro pp with nbr.2 PM generators 750kW @250rpm

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2014	CATALAN	ROMANIA			1	20.0 / 0.55	± 2	0.55	WIND FARM	GRID	Power Factor Improvement; Voltage Stabilization; Reactive Current closed-loop Control System; Single-phase Response for Unbalanced Load
2013	VALLOUREC - VALTI / Montbard	FRANCE			1	5.5 / 0.55	± 3 + 3.2	0.55	AC EAF	METALS	Power Factor Improvement; Voltage Stabilization; Harmonic Voltage Distortion Reduction; Reactive Current open- and closed-loop Control System; Single-phase Response for Unbalanced Load
2013		RUSSIA			1	6.0 / 0.55	± 8 + 8	0.55	AC EAF	METALS	Power Factor Improvement; Voltage Stabilization; Harmonic Voltage Distortion Reduction; Reactive Current open- and closed-loop Control System; Single-phase Response for Unbalanced Load
2011	SIRMIUM STEEL MILL (jointly developed with RXPE)	SERBIA			1	20.5 / 7	± 30 + 20	7	AC EAF + LF	METALS	Power Factor Improvement; Flicker Reduction; Voltage Stabilization; Harmonic Voltage Distortion Reduction; Reactive Current open- and closed-loop Control System; Single-phase Response for Unbalanced Load
2011	CHINA SOUTHERN POWER GRID (cooperation with Ex RXPE)	CHINA			2	35 / 500	+/- 100 (160)	35	STATCOM for GRID STABILIZATION	GRID	Voltage Stabilization, Voltage Support; Reactive Current closed-loop Control System; Single-phase Response for Unbalanced Load