

NERs
General

O/Ref	Qty	Ur kV	In A	Tn Sec	Rn Ω	IP	C.T.	Switch	Surge Arrestor	Project
O NE 08-02-006	3	0,12	6	-	20	00				Blue Water II
O NE 08-08-004	1	0,18	167	10	1,1	00				Fujairah F2 NPC / United Arab Emirates
O NE 08-08-004	7	0,18	335	10	0,55	00				Fujairah F2 NPC / United Arab Emirates
O NE 07-04-004	3	0,21	8	-	20	00				BlueWater
O NE 05-02-005	4	0,23	80		1,7	23				
O NE 05-04-014	1	0,24	5	10	27,7	23				Sohar / Oman
O NE 06-01-006	1	0,24	5		27,7	23				
O NE 07-07-009	1	0,24	300	10	0,61	00				BlueWater
O NE 08-02-006	1	0,24	300	10	0,8	00				Blue Water II
O NE 07-05-009	4	0,38	5	10	44	54				Bambang Djaya (Indonesia)
O NE 07-10-001	3	0,38	5	10	45	23				Indonesia
O NE 12-06-016	7	0,38	10	10	21,5	00				Thai Achidenki / Thailand
O NE 01-11-004	1	0,38	200	-	1,9	23				Goonyella
O NE 05-11-003	1	0,4	0,46	30	500	00				PLN Lobong
O NE 06-07-005	1	0,4	5		46	23				
O NE 07-01-009	1	0,4	10	-	25,4	23				RasGas Onshore Train 6 (Qatar)
O NE 07-04-002	9	0,4	10	-	25,4	23				Qatar gas LNG (Qatar)
O NE 11-04-020	3	0,4	100	30	2,31	00				Ebolowa, Mbalmayo & Bamenda Substations / Africa
O NE 08-02-004	1	0,4	300	10	0,76	54				Thailand
O NE 00-05-001	1	0,4	1230	2	0,086	00				Rades (Tunisia)
O NE 03-07-010	1	0,4	1230	2	0,086	00				Rades (Tunisia)
O NE 07-04-004	1	0,415	300	10	0,8	00				BlueWater
O NE 13-03-004	1	0,416	5	-	48	23				Low Voltage HRG / Thailand
O NE 06-01-006	1	0,425	5		49,1	23				
O NE 07-07-004	1	0,44	10	-	25,4	23				Rasgas Onshore Expansion - Phase II (Qatar)
O NE 12-11-006	1	0,44	10	-	25,4	23				Al Khaleej Gas Project / UAE
O NE 13-03-011	1	0,44	10	-	25,4	23				QatarGaz / Qatar
O NE 06-05-001	32	0,44	10		25,4	23				Ras az Onshore - Trains 6 & 7
O NE 06-05-002	18	0,44	10		25,4	23				Ras az Onshore - Trains 6 & 7
O NE 09-05-005	1	0,44	10		24,4	23				RasGas LNG / Qatar
O NE 12-09-011	2	0,46	10	-	26,56	23	✓	✓		Thang Long & Dong Do / Vietnam
O NE 13-05-003	2	0,48	1	-	277	00	✓	✓		Bartec PTE (Saipem) / Indonesia
O NE 10-12-004	1	0,48	5	10	55,4	54				Saudi Arabia
O NE 12-10-010	1	0,48	15	-	18,5	00				Atlas Copco
O NE 11-03-003	2	0,5	20	600	14,4	00	✓			Lumut / Malaysia
O NE 01-11-003	2	0,5	20	-	14,4	23				Siemens B.T.
O NE 05-04-016	6	0,51	420	10	0,7	23				Kaeng Khoi / Thailand
O NE 12-10-010	1	0,6	15	-	23	00				Atlas Copco
O NE 08-08-005	4	0,867	140	20	3,6	00				Meco Thermal units / Iran
O NE 08-08-005	4	0,867	167	20	3	00				Meco Thermal units / Iran
O NE 11-09-002	4	1,2	332	10	2,08	42				Adma Zakum Injection Upgrade / United Arab Emirates
O NE 12-03-027	2	1,2	332	10	2,076	55				ADMA OPCO (Existing Platform) / UAE
O NE 07-12-003	4	1,5	10	5	2x300	23				Oscar I (Couthezou & Auvers le Hamon) / France
O NE 07-12-003	2	1,5	10	5	2x160	23				Oscar I (Evry Gregy) / France
O NE 08-02-001	1	2,14	200	10	6,9	23				MEDCO / Indonesia
O NE 03-07-009	1	2,3	5	1	270	54				Beni Harun
O NE 07-03-008	4	2,6	5	10	300	31				Lanouvelotte (France)
O NE 06-06-004	4	2,75	5	10	318	21				Pump Station / China
O NE 07-10-004	2	3	300	10	5,77	42	✓			Maersk / Qatar
O NE 10-09-002	1	3	300	30	5,77	54	✓	✓		Ain Zarka Pumping Station/ Morocco
O NE 09-05-001	4	3,15	400	10	4,5	55				Rekayasa / Indonesia
O NE 10-03-004	2	3,15	400	10	4,55	55				Rekayasa Industry / Indonesia
O NE 03-07-016	1	3,3	5,5	-	346	23				Finland
O NE 06-10-005	1	3,3	10	10	190,5	23	✓	✓		Batam (Indonesia)
O NE 07-07-013	1	3,3	23,8	10	800	54	✓	✓		Mini Hydro Development (Malaysia)
O NE 07-07-013	1	3,3	47,6	10	400	54	✓	✓		Mini Hydro Development (Malaysia)
O NE 05-08-007	5	3,3	50	10	38	23	✓			Tabreed
O NE 09-07-001	1	3,3	50	60	38,1	23	✓	✓		F1-1F / United Arab Emirates
O NE 09-07-001	1	3,3	50	60	38,1	23	✓	✓		F1-1F / United Arab Emirates
O NE 13-02-017	1	3,3	50	60	38,11	54	✓	✓		Sidra Medical Hospital / UAE
O NE 01-09-001	1	3,3	100	10	19	23	✓	✓		Putra Jaya Precint (2)
O NE 07-05-005	1	3,3	100	10	19,05	23				Titan Engineering (Thailand)
O NE 07-10-001	3	3,3	100	10	20	23	✓			Indonesia
O NE 08-05-005	2	3,3	100	10	19,5	23		✓		United Arab Emirates
O NE 10-11-006	3	3,3	100	10	19	00				New Land Oil Treatment Train/ Egypt
O NE 11-08-008	2	3,3	100	10	19,05	23	✓			Sika Kharisma / Indonesia
O NE 00-10-008	1	3,3	100	30	19	54				Samsung Negeri Sembilan
O NE 10-09-005	1	3,3	150	10	12,7	55		✓		Expansion of Petroleum Products Storage & Distribution Terminal / UAE
O NE 08-12-001	2	3,3	200	10	9,6	56				Gumusut-Kakap / Malaysia
O NE 08-12-005	1	3,3	200	10	9,53	23		✓		Asam Asam Port / Malaysia
O NE 09-02-001	1	3,3	200	10	9,5	55				TTU Tuban / Sika Kharisma / Indonesia

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O/Ref	Qty	Ur kV	In A	Tn Sec	Rn Ω	IP	C.T.	Switch	Surge Arrestor	Project
O NE 11-03-001	1	3,3	200	10	9,5	55	✓	✓		SK E&C - Ruwais / United Arab Emirates
O NE 11-06-013	1	3,3	200	10	9,5	23	✓			Bangun Energy Resources / Indonesia
O NE 11-06-016	2	3,3	200	10	9,53	55		✓		Capacity Upgrade / United Arab Emirates
O NE 12-12-005	4	3,3	200	10	9,53	54				Samur Project (TMEIC / HHI) / Indonesia
O NE 03-08-007	1	3,3	250	10	7,6	54		✓		ISN Phase II
O NE 03-07-014	2	3,3	250	15	7,6	00				Telfer Power Station
O NE 02-12-004	1	3,3	250	30	7,6	00				Australia
O NE 09-02-004	2	3,3	252	10	7,5	23				United Arab Emirates
O NE 08-06-007	1	3,3	262	10	7,27	23	✓			PTT Sriracha / Thailand
O NE 03-04-004	1	3,3	318	5	6	54				Germany
O NE 00-08-003	2	3,3	400	10	4,8	54				Kerteh LDPE (Malaysia)
O NE 03-06-005	1	3,3	400	10	4,7	00				Australia
O NE 04-10-007	1	3,3	400	10	4,8	00				Putrajaya (Malaysia)
O NE 06-02-005	7	3,3	400	10	4,8	55				Inter Refineries Pipelines
O NE 07-07-011	2	3,3	400	10	4,76	54	✓	✓		Emirats
O NE 07-12-002	2	3,3	400	10	4,76	23				Inco / Indonesia
O NE 08-12-002	2	3,3	400	10	4,75	23	✓			MP 80280 Inco Trafo / Indonesia
O NE 09-10-008	2	3,3	400	10	4,76	54				500MLD Seawater Plant in Magtaa / Algeria
O NE 10-07-007	2	3,3	400	10	4,76	00	✓			Kalabsha / Egypt
O NE 04-02-014	1	3,3	400	15	4,7	00				Australia
O NE 02-06-007	2	3,3	500	10	4	00				Australia
O NE 10-07-005	2	3,3	1000	10	1,91	23				Indonesia
O NE 11-03-013	6	3,45	400	10	4,98	54				Ruwais Project / United Arab Emirates
O NE 11-05-014	2	3,45	400	10	5	54				Inter Refinery Pipeline II / Emirates
O NE 11-09-007	8	3,45	400	10	5	54				Takreer/ United Arab Emirates
O NE 13-03-005	8	3,45	400	10	5	55				RFCC Project (Gexpro Asia) / Indonesia
O NE 04-01-005	2	3,45	500	10	4	00				Tomago (Australia)
O NE 06-07-008	2	3,45	750	10	2,72	55				Brunei Shell
O NE 06-12-008	2	3,46	500	10	4	23	✓			Inco Sulawesi (Indonesia)
O NE 07-01-008	2	3,46	500	10	4	23				Queensland Alumina (Australia)
O NE 04-01-003	2	3,6	5	10	160	32				GDF Roussine / Lanouvelotte - France
O NE 04-03-007	1	3,6	5	10	355	31				Langyasham
O NE 04-03-013	4	3,6	5	10	230	54				Cepsa
O NE 04-04-005	4	3,6	5	10	362	54				Adco - Al Dabbiya
O NE 02-09-002	1	3,6	45	10	47	00				Gladstone Port Authority
O NE 02-09-007	1	3,6	45	10	47	00				Australia
O NE 04-10-009	1	4	5	10	460	23				Baishan Pumped Storage (Korea)
O NE 05-03-007	1	4	5	10	460	23				Baishan
O NE 03-03-008	2	4,16	5	2	473	23				France
O NE 01-04-009	3	4,16	15	10	160	23	✓	✓		Spain
O NE 01-08-002	1	4,16	25	60	166	23				Manitoba Hydro (Canada)
O NE 00-08-002	2	4,16	100	10	24	23				Tabarjal PP Extension (Saudi Arabia)
O NE 04-03-005	4	4,16	100	10	24	54				Betara Complex
O NE 06-01-001	1	4,16	100	10	13,8	54				
O NE 04-03-001	8	4,16	200	10	12	23				PP9 Block E
O NE 03-11-011	3	4,16	225	10	10,7	54				Tabuk II - Units 7 & 8 (Saudi Arabia)
O NE 04-08-004	2	4,16	300	10	8	54				RiyadhPP7 Extension III (Saudi Arabia)
O NE 00-12-006	4	4,16	400	10	6,15	54				Monterey III (Ireland)
O NE 03-04-008	1	4,16	400	10	6	54				Celsa
O NE 06-11-001	10	4,16	400	10	6	54				Rabigh City (Saudi Arabia)
O NE 07-01-002	2	4,16	400	10	6	23	✓			Saudi Arabia
O NE 07-12-005	1	4,16	400	10	6	23				Saudi Arabia
O NE 10-12-004	1	4,16	400	10	6	23				Saudi Arabia
O NE 11-06-003	8	4,16	400	10	6	55				Qassim III / Saudi Arabia
O NE 12-05-009	6	4,16	400	10	6	54	✓			USAABB Jacob Chevron
O NE 12-10-008	1	4,16	400	10	6	56	✓			WO-16335 (Aramco) / Saudi Arabia
O NE 12-11-007	2	4,16	400	10	6	56	✓			WO-16335 (Aramco) / Saudi Arabia
O NE 13-03-013	2	4,16	400	10	6	56	✓			Aramco / Saudi Arabia
O NE 05-09-005	2	4,16	400	60	6	23				Rafha & Arar Generation
O NE 05-09-005	2	4,16	400	60	6	23	✓			Rafha & Arar Generation
O NE 10-08-005	9	4,16	400	60	6	54				Construction of Qurayyah Combined Cycle Power Plant / Saudi Arabia
O NE 06-11-004	1	4,16	450	10	5,35	23				Sierra Rutile
O NE 04-05-001	1	4,16	800	10	3	23				Indonesia
O NE 06-07-002	4	4,16	1000	10	2,4	54				PP9-II (Phases C&D)
O NE 07-06-002	3	4,16	1000	10	2,4	54				PP9 Stage II ~ Phase F (Saudi Arabia)
O NE 04-02-009	1	4,33	5	10	500	54				Tongbai
O NE 05-05-007	1	4,33	5	10	500	23				Tongbai
O NE 08-09-010	1	4,8	5	10	500	21				Pushihe Pumped Storage Power Pant / China
O NE 00-11-001	2	4,8	200	10	14	13	✓	✓		TetraPak Factory (Saudi Arabia)
O NE 08-07-008	3	5	5	10	2x508	31				Shann-Jing 2nd Gas Pipeline / China
O NE 03-05-007	1	5	2300	30	1,2	23				Mega Steel

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O NE 12-06-007	1	5,3	400	10	7,65	23	✓			AES Norgener SA 28MVA Transformer / Chile
O NE 06-05-008	2	5,4	300	10	10,6	54	✓	✓		Ohanet / Algeria
O NE 09-06-004	18	5,5	100	10	31,75	55				TMEIC / Algeria
O NE 06-09-007	3	5,5	300	5	10,6	54				Morroco
O NE 05-10-004	1	5,5	400	5	8	23	✓	✓		
O NE 09-01-010	3	5,5	500	10	6,35	54				Sonatrack (Somik) / Algeria
O NE 12-09-008	2	6	5	10	693	23	✓			Privat Substation / Portugal
O NE 03-11-006	2	6	300	30	11,5	23				Kentz-Petronas Methanol
O NE 07-10-003	1	6,3	5	10	727	23	✓	✓		Behran Oil Co. / India
O NE 10-10-004	1	6,3	10	3	363	00				
O NE 07-03-013	1	6,3	10	10	364	54				Sakhalin (Russia)
O NE 08-03-002	1	6,3	100	10	36,4	23	✓			PVCL2 / Vietnam
O NE 08-04-010	1	6,3	200	10	18	23				Germany
O NE 07-03-011	2	6,3	300	30	12	54				Arabian Cement (Egypt)
O NE 10-10-009	1	6,3	300	30	12	00	✓			ACC Extension Transformer Bay/ Egypt
O NE 03-12-003	4	6,3	350	10	10,4	54				Sakhalin (Russia)
O NE 04-09-002	6	6,3	400	10	9	23				Tuban Aromatic Plant (Indonesia)
O NE 12-05-010	2	6,3	400	10	9,09	54				IRP II EPC-2 / UAE
O NE 12-07-004	1	6,3	400	10	9,09	54				IRP II EPC-2 / UAE
O NE 07-10-005	1	6,3	642	10	5,6	00				Antara Steel / Malaysia
O NE 09-10-016	2	6,6	1	-	3800	00				Subsea WGC TQP / Norway
O NE 12-03-005	13	6,6	1	-	3800	00				Subsea NGR / Chevron
O NE 04-02-004	1	6,6	5	10	762	23	✓	✓		SPCC Jazan
O NE 08-10-003	6	6,6	5	10	762	21	✓			Kufra Cement / Irak
O NE 04-06-005	2	6,6	5	-	762	00				France
O NE 10-06-003	1	6,6	10	10	381	54				Meiden Electric/ Thailand
O NE 13-03-014	1	6,6	20	10	190,5	23				Caterpillar
O NE 12-10-009	2	6,6	20	30	190,5	54				Bridgestone / Vietnam
O NE 13-05-019	1	6,6	50	10	76,2	00				Ooita Photovoltaic Generation / Japan
O NE 02-03-003	4	6,6	100	10	38	54	✓	✓		Jordan
O NE 09-04-001	8	6,6	100	10	38,1	54	✓	✓	✓	Iteco / Irak
O NE 10-04-001	9	6,6	100	10	38,1	54	✓	✓		Doha Airport - NDIA / Qatar
O NE 10-04-001	5	6,6	100	10	38,1	54	✓	✓		Doha Airport - NDIA / Qatar
O NE 10-04-009	8	6,6	100	10	38,1	55	✓			Akakus Oil Operations Co. / Lybia
O NE 11-01-013	4	6,6	100	10	38	55	✓			Akakus Oil Operations Co. / Egypt
O NE 11-02-001	4	6,6	100	10	38,1	55	✓	✓		Derescom / Irak
O NE 11-04-014	3	6,6	100	10	38,1	54	✓			KAR - Refinery Expansion / Irak
O NE 11-07-002	2	6,6	100	10	38	55	✓			SSP Project (HPT - Asahi Kasei) / Japon
O NE 12-06-011	2	6,6	100	10	38	23	✓			Indonesia
O NE 12-07-007	2	6,6	100	10	38,11	00				Polyplastic Extention / Malaysia
O NE 12-12-004	2	6,6	100	10	38,11	00				Furukawa Sky / Japan
O NE 08-08-003	1	6,6	100	30	38,1	23		✓		G-Steel / Thailand
O NE 09-07-011	6	6,6	100	30	38,15	55	✓			11/6.6kV Substation (DSWMC) / Qatar
O NE 09-07-011	2	6,6	100	30	38,15	55				11/6.6kV Substation (DSWMC) / Qatar
O NE 12-05-008	1	6,6	100	30	38,11	00				Nippon Steel Galvanizing / Thailand
O NE 08-03-004	2	6,6	150	10	25,4	54	✓	✓		QNCC
O NE 02-12-002	1	6,6	175	10	22	23	✓			Waraq PM II
O NE 02-04-001	1	6,6	200	10	19	23	✓	✓		Perlis Power Plant
O NE 05-05-005	2	6,6	200	10	19,05	23				Lucky Cement / Pakistan
O NE 06-01-007	2	6,6	200	10	19,05	55				
O NE 08-02-011	2	6,6	200	10	19	55	✓			Tripatra HESS / Indonesia
O NE 12-10-007	2	6,6	200	10	19,05	23				Vietnam
O NE 12-11-004	1	6,6	200	10	19,05	33	✓	✓		PT Imeco / Indonesia
O NE 02-12-004	1	6,6	250	30	15	00				Australia
O NE 12-03-024	7	6,6	254	10	15,00	54	✓			Garraf / Irak
O NE 02-12-002	1	6,6	300	10	12,7	23	✓			Waraq PM II
O NE 05-06-004	2	6,6	300	10	12,7	00				New Caledonia
O NE 11-02-005	2	6,6	300	10	12,7	54	✓			
O NE 12-09-003	2	6,6	300	10	12	23	✓			Muara Enim (PT Satyamitra Surya Perkasa)
O NE 01-08-003	1	6,6	300	30	12,7	00	✓	✓		Mox Melacca (Malaysia)
O NE 09-04-001	8	6,6	300	30	38,11	54	✓	✓	✓	Iteco / Iraq
O NE 06-03-002	2	6,6	350	10	10,9	54				
O NE 07-08-008	1	6,6	350	10	11	23				BioDiesel (Singapore)
O NE 00-10-002	1	6,6	400	10	9,5	54				USA
O NE 03-11-007	1	6,6	400	10	9,5	00				Sheddem Udhe (Australia)
O NE 07-10-008	1	6,6	400	10	9,53	00				Genting Sanyen / Malaysia
O NE 08-02-012	2	6,6	400	10	9,5	55				ExxonMobil / Thailand
O NE 09-10-008	8	6,6	400	10	9,53	54				500MLD Seawater Plant in Magtaa / Algeria
O NE 12-06-006	2	6,6	400	10	9,53	54				UCH II Expansion (Sescon) / Pakistan
O NE 11-11-004	7	6,6	450	10	8,5	54	✓			Garraf / Irak
O NE 12-03-024	1	6,6	450	10	8,47	54	✓			Garraf / Irak

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O/Ref	Qty	Ur kV	In A	Tn Sec	Rn Ω	IP	C.T.	Switch	Surge Arrestor	Project
O NE 01-03-003	1	6,6	475	10	8	23				NBCT, PENANG
O NE 02-02-004	1	6,6	500	10	7,6	23				Woodside
O NE 02-02-004	1	6,6	500	10	7,6	00				Woodside
O NE 03-10-004	1	6,6	500	10	7,6	00				Australia
O NE 06-10-002	1	6,6	500	10	8	23				Zawia (Libia)
O NE 07-04-009	1	6,6	600	10	6,35	54				Oman
O NE 09-09-001	2	6,6	600	10	6,35	54				Exxon Mobil Singapore Chemical Plant & Refinery / Japon
O NE 05-03-009	2	6,6	600	15	6,5	54				Deep Tunnel
O NE 03-05-002	2	6,6	700	10	5,4	55				SNGP
O NE 10-03-012	2	6,6	800	10	4,76	55	✓	✓		PTT LNG / Thailand
O NE 01-06-002	2	6,6	1000	3	4	00				Australia
O NE 05-05-001	3	6,6	1000	3	3,8	54				Uong Bi 300MW Extension
O NE 08-11-004	2	6,6	1000	5	3,8	23	✓			Turkey
O NE 11-03-017	2	6,6	1000	10	3,8	54				Tembusu Multi Complex/ Singapore
O NE 09-10-010	2	6,6	1050	10	3,62	00				Sunpower (Plant Side) - Melaka / Malaysia
O NE 07-01-006	6	6,6	1089	10	3,5	23				Crude & Petroleum Storage (Singapore)
O NE 07-09-002	2	6,9	5	10	797	54	✓	✓		KDM (Indonesia)
O NE 06-12-004	1	6,9	7	-	570	23	✓			EK-FX / 06 (Indonesia)
O NE 06-06-009	1	6,9	10	10	398	54				Pupuk Katlim
O NE 09-02-007	3	6,9	10	20	400	00				Iran
O NE 09-02-007	17	6,9	10	20	400	00				Iran
O NE 01-06-004	1	6,9	15	10	265	23	✓			Thailand
O NE 04-01-002	1	6,9	100	10	40	54	✓			Indonesia
O NE 10-12-011	2	6,9	100	10	40	54				DE-PH029010 / Thailand
O NE 11-09-001	2	6,9	100	10	39,8	54				Daihen / Thailand
O NE 11-10-006	2	6,9	100	10	39,83	54				Daihen / Thailand
O NE 12-05-006	1	6,9	100	10	39,84	54				Thailand
O NE 08-02-008	1	6,9	100	30	39,8	55	✓			BPEX (Thailand)
O NE 09-01-005	1	6,9	100	30	39,84	55				ESP / Thailand
O NE 07-03-007	2	6,9	120	10	33,2	54				SUT (Singapore)
O NE 08-03-001	4	6,9	350	10	11,4	23		✓		PTTCH / Thailand
O NE 04-01-004	2	6,9	400	5	10	54				Kirkuk (Irak)
O NE 06-05-001	10	6,9	400	5	10	23				Ras az Onshore - Trains 6 & 7
O NE 06-05-002	8	6,9	400	5	10	23				Ras az Onshore - Trains 6 & 7
O NE 07-07-004	1	6,9	400	5	9,96	23				Rasgas Onshore Expansion - Phase II (Qatar)
O NE 11-04-005	2	6,9	400	5	10	23				Chiyoda Almana
O NE 12-04-001	4	6,9	400	5	9,96	23	✓			Barzan Project / Qatar
O NE 12-04-001	8	6,9	400	5	9,96	23	✓			Barzan Project / Qatar
O NE 12-04-001	4	6,9	400	5	9,96	23	✓			Barzan Project / Qatar
O NE 12-04-006	8	6,9	400	10	9,96	54	✓			Hyflux Hydrochem / Singapore
O NE 12-11-013	2	6,9	400	10	10	23	✓			Katlim - 5 (Schneider Indonesia)
O NE 01-03-006	2	6,9	500	10	8	23				Ireland
O NE 05-11-004	2	6,9	500	10	8	23				Zawia / Lybia
O NE 12-07-002	2	6,9	1000	10	4,50	54				Qatar Project (MT 565)
O NE 08-02-009	1	6,9	1500	10	2,66	55				Glow / Thailand
O NE 13-02-019	2	6,9	1500	10	2,66	54		✓		33/6,6kV JK Cement Works Fujairah / UAE
O NE 07-02-001	2	7	200	10	20,2	00				PTTUT GUP II
O NE 04-01-003	2	7,2	5	10	300	32				GDF Roussine / Lanouvelotte - France
O NE 04-04-005	2	7,2	5	10	725	54				Adco Bu-Hasa
O NE 04-06-007	2	7,2	5	10	300	23				Chemery (France)
O NE 04-05-008	2	7,2	400	10	10,4	54				USA
O NE 08-01-004	1	7,2	400	10	10,4	54				Valero
O NE 12-03-006	15	7,875	1137	3	4	23				UTE / Uruguay
O NE 08-09-009	1	8,3	5	10	960	21				Yecheon Pumped Storage Power Pant / China
O NE 07-08-003	8	8,7	5	10	1000	55				UTE Saih Rawl (Emirates)
O NE 09-01-009	1	10	400	10	14,4	54	✓	✓		Praxair / Thailand
O NE 11-03-009	1	10	1000	10	5,8	55	✓			Mobile Stations / Projects 0188 & 0189/ Algeria
O NE 11-03-009	6	10	1000	10	5,8	55	✓			Mobile Stations / Projects 0188 & 0189/ Algeria
O NE 11-12-002	3	10	1000	10	5,8	55				Boussouf / Algérie
O NE 12 12 003	3	10	1000	10	5,8	55				Yasmine - Algeria
O NE 12 11 008	3	10	1000	10	5,8	55	✓			Bab El Oued (Algeria)
O NE 12 11 008	4	10	1000	10	5,8	55	✓			Dar El Beida (Algeria)
O NE 12-10-004	3	10	1000	10	5,77	55				Poste Blindé 60/10kV - 2x40MVA de Cheraga / Algeria
O NE 12-10-005	3	10	1000	10	5,77	55				Poste Blindé 60/10kV - 2x40MVA d'El Hamiz / Algeria
O NE 12-10-006	3	10	1000	10	5,77	55				Poste Blindé 60/10kV - 2x40MVA de Soudania / Algeria
O NE 12-11-008	3	10	1000	10	5,77	55	✓			Bab El Oued / Algeria
O NE 12-11-008	4	10	1000	10	5,77	55	✓			Dar El Beida / Algeria
O NE 12-12-003	4	10	1000	10	6,06	55				Postes de Yasmine, du Club des Pins, d'Eucalyptus & Ext de Rouiba / Algeria
O NE 13-03-006	18	10	1000	10	5,77	55	✓			Cabines Mobiles 10kV (P124 & P125) / Algeria
O NE 13-05-012	3	10	1000	10	5,77	55				AO2-2011 (Sablette - Lot 7) / Algeria
O NE 01-05-002	2	10,4	250	10	24	23				U.S.A.

NERs
General

O/Ref	Qty	Ur kV	In A	Tn Sec	Rn Ω	IP	C.T.	Switch	Surge Arrestor	Project
O NE 00-10-001	4	10,4	300	5	20	23				Slovenia
O NE 03-03-007	1	10,4	300	5	20	23	✓			Slovenia
O NE 12-02-006	2	10,5	10	10	606	23	✓	✓		Kalbar / Indonesia
O NE 12-02-006	2	10,5	10	10	606	23	✓	✓		Kalbar (ABB Sakti Industri)
O NE 06-08-001	1	10,5	50	10	121	23				
O NE 07-10-001	1	10,5	50	10	121,5	23	✓			Indonesia
O NE 07-05-006	2	10,5	250	10	24,25	23				Electro-Oriente (Emirates)
O NE 03-12-003	15	10,5	350	10	17,3	54				Sakhalin (Russia)
O NE 08-09-003	4	10,5	400	10	15,2	55				Thailand
O NE 12 12 003	1	10,5	1000	10	6,06	55				Eucalyptus & Roubia (ext) - Algeria
O NE 12-10-003	1	10,6	50	10	122	55	✓			Yenaliyev 55-1/2 / Ukraine
O NE 07-10-002	2	10,75	620	10	10	23				Ireland
O NE 04-02-005	6	11	5	10	1270	23	✓	✓		Antam PP3
O NE 07-01-001	2	11	5	10	1270	31	✓	✓		PLN - Sako (Indonesia)
O NE 11-01-016	12	11	5	10	1270	23	✓	✓		Power Plant / Bangladesh
O NE 13-05-006	6	11	5	10	1270	23	✓	✓		52,2MW Power Plant at Natore Rajshai / Bangladesh
O NE 01-12-006	1	11	5	-	1270	23				Australia
O NE 05-03-010	6	11	5	-	1270	54	✓	✓		Gruvön / Sweden
O NE 01-11-001	1	11	10	10	635	23				Germany
O NE 03-03-001	1	11	10	10	635	00				Telfer Power Station Interconnect Stage 1
O NE 04-12-004	1	11	10	10	635	54	✓	✓		Sheikhupura
O NE 05-01-002	1	11	10	10	635	54				Telfer
O NE 07-06-009	3	11	10	-	635	54				West Cliff (Australia)
O NE 09-10-001	1	11	20	10	317,5	23				Kuweit Petroleum / Kuweit
O NE 12-06-019	2	11	20	10	317,5	54	✓	✓		24MW Emergency Plant for Electricity supply in Jaffna / Sri Lanka
O NE 03-10-009	1	11	20	-	318	23	✓			Raleigh Underground
O NE 04-10-008	1	11	20	-	318	00				Australia
O NE 07-09-004	1	11	25	10	254	23				Taweelah (Emirates)
O NE 01-03-004	1	11	25	-	254	00				Australia
O NE 05-01-003	2	11	30	10	212	54				Al Bahar / Sharjah
O NE 07-04-005	1	11	30	10	212	23	✓			Germany
O NE 07-04-005	1	11	30	10	212	23				Germany
O NE 03-10-010	1	11	35	10	182	54				Germany
O NE 05-07-005	1	11	36	10	176	23				
O NE 06-10-008	4	11	50	5	127	55	✓			Qatar Gas (Qatar)
O NE 02-07-001	1	11	50	10	127	23				Qasr al Alam
O NE 03-03-001	1	11	50	10	127	00				Telfer Power Station Interconnect Stage 1
O NE 03-07-012	1	11	50	10	127	00				Australia
O NE 03-11-001	1	11	50	10	127	54				Umm Al Nar (United Arab Emirates)
O NE 04-10-011	2	11	50	10	127	00				Pioneer Sugar Mill (Australia)
O NE 06-10-010	5	11	50	10	127	23	✓			Al Anad (Emirates)
O NE 07-04-008	1	11	50	20	127	23				Germany
O NE 07-05-011	1	11	50	30	127	23				Almocalla
O NE 11-05-013	1	11	55	30	115	54	✓	✓		Al-Bahar Project / United Arab Emirates
O NE 13-05-009	1	11	60	10	105,8	00				Top Glove / Malaysia
O NE 01-11-002	1	11	65	10	98	23				Australia
O NE 05-03-008	1	11	70	10	91	23				Doosan
O NE 13-03-007	3	11	73,73	10	80,67	00				Sunway Gen-Set / Malaysia
O NE 11-04-006	1	11	80	10	79,4	54		✓		Genset / Saudi Arabia
O NE 11-08-009	4	11	82	10	77,4	55				Tanweer Petroleum / Bahrain
O NE 01-03-002	1	11	100	10	63,5	23				SFI,SABAH
O NE 01-09-001	1	11	100	10	63,5	23	✓	✓		Putra Jaya Precint (2)
O NE 02-08-003	1	11	100	10	63,5	23				Putra Jaya Precint
O NE 02-09-008	3	11	100	10	63,5	00				Australia
O NE 03-06-001	1	11	100	10	63,5	54				BP Azeri Project
O NE 03-08-008	1	11	100	10	63,5	54				Germany
O NE 03-11-010	2	11	100	10	63,5	54		✓		Felda Power Plant (Malaysia)
O NE 04-01-002	1	11	100	10	63,5	54	✓			Indonesia
O NE 04-10-003	2	11	100	10	63,5	23				Dubai Airport (United Arab Emirates)
O NE 05-09-008	1	11	100	10	63,5	54	✓	✓		Thailand
O NE 06-02-008	1	11	100	10	63,5	55				Sangachal Terminal / Azerbaijan
O NE 06-10-009	1	11	100	10	63,5	23				As. C (Egypt)
O NE 07-07-010	1	11	100	10	63,5	00				6MW Power Plant (Malaysia)
O NE 08-02-005	1	11	100	10	63,5	41	✓			IRPC / Thailand
O NE 08-06-003	1	11	100	10	63,5	23	✓			Bukaka / Indonesia
O NE 08-11-009	1	11	100	10	63,5	00				IRPC / Thailand
O NE 09-04-005	3	11	100	10	63,5	55	✓	✓		Gensets / United Arab Emirates
O NE 09-04-005	1	11	100	10	63,5	55	✓	✓		Gensets / United Arab Emirates
O NE 09-06-004	1	11	100	10	63,5	55	✓	✓		TMEIC / Algeria
O NE 10-04-001	6	11	100	10	63,5	54	✓	✓		Doha Airport - NDIA / Qatar
O NE 10-08-002	1	11	100	10	63,5	55	✓	✓		Genset / United Arab Emirates

NERs
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O/Ref	Qty	Ur kV	In A	Tn Sec	Rn Ω	IP	C.T.	Switch	Surge Arrestor	Project
O NE 11-04-013	3	11	100	10	63,51	55				Netherlands
O NE 11-04-014	3	11	100	10	63,5	54	✓			KAR - Refinery Expansion / Irak
O NE 11-04-017	1	11	100	10	63,5	42	✓	✓		
O NE 11-05-012	1	11	100	10	63,5	54	✓	✓		3MVA Genset / United Arab Emirates
O NE 13-04-003	1	11	100	10	63,5	23	✓			Inalum Paritohan / Indonesia
O NE 07-05-008	2	11	100	30	63,5	23				Germany
O NE 07-05-011	2	11	100	30	127	23				Almocalla
O NE 05-04-005	2	11	100	60	63,5	23				Toshba
O NE 08-08-007	2	11	100	60	63,5	54				Germany
O NE 07-09-001	2	11	105	10	60,5	54	✓	✓		DC-xG (Emirats)
O NE 09-04-004	1	11	105	10	60,5	44	✓	✓		FC-3H / United Arab Emirates
O NE 03-03-004	3	11	120	10	53	54	✓	✓		Fula Oil - Sudan
O NE 10-01-001	1	11	130	10	48,9	23	✓	✓		Gensets NERs
O NE 10-07-003	1	11	130	10	48,9	23	✓	✓		NER for Gensets / United Arab Emirates
O NE 04-08-005	1	11	150	10	42,34	23				Germany
O NE 08-04-010	2	11	150	10	42	23				Germany
O NE 11-01-008	1	11	150	10	42,3	00	✓			Ferro Manganese / Egypt
O NE 11-11-003	8	11	150	10	42,3	00				Teliti Data Centre / Malaysia
O NE 09-02-008	1	11	150	30	42,34	23				Germany
O NE 08-07-003	1	11	175	10	36,3	00				KK Powergen / Malaysia
O NE 08-11-008	1	11	175	10	36,29	00				KK Powergen / Malaysia
O NE 04-02-012	2	11	200	10	31,75	23				Sri Lanka
O NE 07-07-001	2	11	200	10	31,75	23	✓			Ethylene Cracker No. 2 (Thailand)
O NE 08-12-001	3	11	200	10	31,75	56				Gumusut-Kakap / Malaysia
O NE 12-05-013	3	11	200	10	31,75	54		✓		Samur Borneo / Malaysia
O NE 13-03-010	1	11	200	10	31,75	00				DCC 2 - KLCC / Malaysia
O NE 01-11-006	1	11	200	30	32	23				Australia
O NE 05-04-004	1	11	200	30	31,75	00				UIA & Tuaran
O NE 10-02-002	2	11	200	30	31,8	23				El Sewedy Cement Plant / Egypt
O NE 11-03-002	2	11	200	30	31,75	23 / 54	✓	✓		Oman
O NE 11-03-015	1	11	200	30	31,75	00				Middle Riser Elmaco / Egypt
O NE 05-02-006	3	11	208	300	31	54	✓	✓		Musi HEPP
O NE 05-05-009	1	11	263	10	24	00				Uatar & Melewar Steel
O NE 00-04-003	1	11	300	10	21	23				SFI-SABAH (Malaysia)
O NE 01-04-003	1	11	300	10	21,1	23				United Arab Emirates
O NE 09-06-002	1	11	300	10	21,1695	23	✓			PT Timas / Indonesia
O NE 12-09-007	8	11	300	10	21,17	33	✓	✓	✓	Sulaimaniyah Stage 6d / Irak
O NE 12-12-007	4	11	300	10	21,17	54	✓	✓		Zubair II GIS (Siemens / South Oil Company) / Irak
O NE 00-12-007	6	11	300	30	21	54	✓		✓	Iraq S/S
O NE 01-05-003	1	11	300	30	21	23	✓			Iraq
O NE 01-09-002	20	11	300	30	21,1	54	✓		✓	Iraq S/S
O NE 04-10-004	28	11	300	30	21	54	✓	✓	✓	Baghdad S/Sms (Irak)
O NE 05-07-011	3	11	300	30	21,1	54	✓	✓	✓	Iraqi Infrastructure Reconstr. / Irak
O NE 06-02-013	22	11	300	30	21,17	55	✓	✓		Iraqi Infrastructure Reconstr. / Irak
O NE 06-09-006	3	11	300	30	21,2	23	✓			Toki Pratopo (Indonesia)
O NE 08-12-006	1	11	300	30	21,17	23	✓	✓	✓	Basrah Health Directorate / Irak
O NE 09-04-001	8	11	300	30	21,17	54	✓	✓	✓	Iteco / Irak
O NE 09-04-001	8	11	300	30	21,1695	54	✓	✓	✓	Iteco / Irak
O NE 09-09-003	11	11	300	30	21,17	54	✓	✓	✓	Sulaimaniyah - Irak
O NE 09-09-003	11	11	300	30	21,1	33	✓	✓	✓	Sulaimaniyah 4 / Irak
O NE 09-12-009	4	11	300	30	21,17	54	✓	✓	✓	Iteco / Irak
O NE 09-12-009	4	11	300	30	21,1695	54	✓	✓	✓	Iteco / Irak
O NE 09-12-009	4	11	300	30	21,17	54	✓	✓	✓	Iteco / Irak
O NE 10-01-003	19	11	300	30	21,17	54	✓	✓	✓	KAR / Derescon / Irak
O NE 10-05-002	1	11	300	30	21,2	33	✓	✓	✓	Sulaimaniyah IV / Irak
O NE 10-06-001	10	11	300	30	21,2	54	✓	✓	✓	Irak
O NE 10-06-001	1	11	300	30	21,2	54	✓	✓	✓	Irak
O NE 11-03-005	2	11	300	30	21,17	33	✓	✓	✓	Bazjan Substation / Irak
O NE 11-03-006	2	11	300	30	21,17	33	✓	✓	✓	Shary Jwan Substation / Irak
O NE 11-03-008	3	11	300	30	21,17	33	✓	✓	✓	Iteco / Irak
O NE 11-05-009	2	11	300	30	21,17	54	✓	✓	✓	KAR Substations / Irak
O NE 11-09-003	2	11	300	30	21,17	33	✓	✓	✓	Sulaimaniyah University / Irak
O NE 12-01-011	2	11	300	30	21,1695	54	✓	✓	✓	Kumait Substation / Irak
O NE 12-07-005	1	11	300	30	21,17	33	✓	✓	✓	Chwarqurna / Jordan
O NE 12-09-010	14	11	300	30	21,17	23	✓	✓	✓	Kurdistan Stage 6 / Irak
O NE 13-02-010	3	11	300	30	21,17	54	✓	✓	✓	Iteco / Irak
O NE 13-05-022	3	11	300	30	21,17	33	✓	✓	✓	Kurdistan / Irak
O NE 07-04-001	1	11	394	10	16,1	00				Mycron Steel (Malaysia)
O NE 00-08-003	2	11	400	10	16	54				Kerteh LDPE (Malaysia)
O NE 00-08-007	1	11	400	10	16	23				Unisem, PERAK
O NE 04-08-002	1	11	400	10	16	00				KHL (Malaysia)

NERs
General

O/Ref	Qty	Ur kV	In A	Tn Sec	Rn Ω	IP	C.T.	Switch	Surge Arrestor	Project
O NE 07-09-002	4	11	400	10	15,9	54	✓	✓		KDM (Indonesia)
O NE 09-05-004	1	11	400	10	15,9	54	✓	✓		KDM / Indonesia
O NE 09-10-008	4	11	400	10	15,88	54				500MLD Seawater Plant in Magtaa / Algeria
O NE 10-12-007	2	11	400	10	15,9	54				Takreer/ United Arab Emirates
O NE 11-01-010	2	11	400	10	11,88	54	✓			Borouge 3 / United Arab Emirates
O NE 12-11-013	2	11	400	10	15,9	23	✓	✓		Katlim - 5 (Schneider Indonesia)
O NE 02-01-002	2	11	425	10	15	23	✓	✓		Acidchem International
O NE 02-01-001	1	11	500	5	12,7	00				Australia
O NE 03-08-004	1	11	500	5	12,7	00				New Zealand
O NE 03-12-006	1	11	500	5	12,7	00				Australia
O NE 05-11-005	1	11	500	10	12,7	00				Scientex
O NE 07-08-001	1	11	500	10	14	33				Fujairah Extension (Emirats)
O NE 11-11-003	4	11	500	10	12,7	00				Teliti Data Centre / Malaysia
O NE 12-05-004	1	11	500	10	12,7	00				Teliti Data Center / Malaysia
O NE 03-07-003	2	11	500	30	12-15	23				El Tal El Kebeer 66/11kV
O NE 03-10-012	1	11	500	30	12-15	54	✓	✓	✓	Eslah 3 & 4 S/Sns (Egypt)
O NE 04-06-001	2	11	500	30	12-15	54	✓	✓	✓	North Aswan (Egypt)
O NE 04-07-002	14	11	500	30	12-15	54				Sohag North S/S (Egypt)
O NE 05-03-001	3	11	500	30	12/15	54				10th of Ramadan
O NE 08-01-002	1	11	525	10	12,1	00				STATS ChipPAC Extension / Malaysia
O NE 00-04-004	2	11	530	20	12	23	✓	✓		Penang Project
O NE 00-10-003	1	11	530	20	12	23				IESA SDN BHD, JABIL CIRCUIT
O NE 01-12-001	1	11	600	10	10,6	23	✓	✓		Power House
O NE 03-03-009	1	11	600	10	12	23	✓			Shuweihat (UAE)
O NE 09-10-004	1	11	600	10	10,6	00				Hertelega Substation / Malaysia
O NE 10-03-007	1	11	600	10	10,5848	00				Mile 12, Kutching / Malaysia
O NE 12-03-023	1	11	600	10	10,58	00				Hartalega
O NE 09-09-007	1	11	600	15	10,58	54	✓	✓	✓	Banif Suif Substation / Egypt
O NE 03-08-002	1	11	650	30	10	54	✓	✓	✓	El Darfala 66/11kV S/S
O NE 03-08-003	1	11	650	30	10	54	✓	✓	✓	Yafea en Yazeed 66/11kV S/S
O NE 03-09-004	7	11	650	30	24	54				Rabaa El Adwia & El Mostathmreen S/S
O NE 03-09-007	1	11	650	30	15-20	54	✓	✓	✓	Mobile 66/11kV S/Sm (Egypt)
O NE 03-12-007	7	11	650	30	10	54				El Azhar & Badrasheen S/Sns (Egypt)
O NE 04-07-002	6	11	650	30	10	54				Sohag North S/S (Egypt)
O NE 05-07-009	6	11	650	30	10	54	✓	✓	✓	Rehab of El Haram S/Sm / Egypt
O NE 06-03-009	1	11	650	30	10/20	54				El Bostan Mobile S/Sm
O NE 08-02-013	2	11	650	30	10	54	✓	✓	✓	Samalout S/Sm Extension (Egypt)
O NE 08-05-003	1	11	650	30	10	54	✓	✓	✓	North Aswan S/Sm (Egypt)
O NE 08-12-007	3	11	650	30	10	54	✓		✓	Sponge Substation / Egypt
O NE 09-02-009	3	11	650	30	10	54	✓			Bah II / Egypt
O NE 09-04-008	2	11	650	30	10	54	✓	✓	✓	GOE Substation / Egypt
O NE 09-04-010	3	11	650	30	10	54	✓			El-Mashtal 66/11kV - 3x40 MVA / Egypt
O NE 09-07-004	1	11	650	30	10	00				Egypt
O NE 09-10-012	4	11	650	30	10	00				Southern Valley / Egypt
O NE 10-09-006	3	11	650	30	9,77	00	✓	✓	✓	El Fenoon / Egypt
O NE 11-03-021	3	11	650	30	10	00		✓		Assuit Substation / Egypt
O NE 11-11-005	2	11	650	30	10,58	00				Alex Distribution / Egypt
O NE 12-02-001	3	11	650	30	9,77	00				Marg Substation/ Egypt
O NE 12-02-001	3	11	650	30	9,77	23		✓		Marg S/stn
O NE 03-08-010	1	11	656	10	10	00				Intel Kulim Kedah
O NE 03-12-015	1	11	656	10	10	00				Aimst / Kedah (Malaysia)
O NE 06-09-001	2	11	656	10	9,7	23				Intel KM5/KM6 - Kulim (Malaysia)
O NE 09-01-003	3	11	703	10	9	54				Yemen
O NE 00-07-001	1	11	800	10	8	23				Tanjung Langsat Cogeneration(Malaysia)
O NE 00-08-005	1	11	800	10	8	23				Texas Instrument, KL
O NE 00-10-004	1	11	800	10	8	23				SIME TYRE, KEDAH
O NE 01-01-001	1	11	800	10	8	23				UITM, SHAH ALAM
O NE 01-03-005	1	11	800	10	8	23				NBCT, PENANG
O NE 01-04-008	2	11	800	10	8	23				Malaysia
O NE 01-12-008	2	11	800	10	8	23	✓	✓		Malaysia
O NE 03-03-002	2	11	800	10	8	23				TNB SG. Rambai
O NE 03-03-010	1	11	800	10	8	23				Sa'Aibon Lektrik / Sabah Electricity
O NE 03-04-003	1	11	800	10	8	23				Um Sabah
O NE 03-08-010	1	11	800	10	8	00				Intel Kulim Kedah
O NE 04-03-002	1	11	800	10	8	00				Malaysia
O NE 04-05-010	1	11	800	10	8	00				Sesco
O NE 05-02-007	1	11	800	10	8	54				Penulaju
O NE 05-04-004	1	11	800	10	8	00				UIA & Tuaran
O NE 05-05-009	1	11	800	10	8	00				Uatar & Melewar Steel
O NE 06-11-003	1	11	800	10	8	23				PLN (Malaysia)
O NE 09-09-006	1	11	800	10	7,94	54	✓	✓		Riverside Diesel Generators / United Kingdom

NERs
General

O/Ref	Qty	Ur kV	In A	Tn Sec	Rn Ω	IP	C.T.	Switch	Surge Arrestor	Project
O NE 01-08-004	1	11	800	30	8	00	✓	✓		Cyberjaya (Malaysia)
O NE 10-11-003	1	11	945	10	6,35	00				Fibertex / Penang / Malaysia
O NE 00-12-005	2	11	1000	10	6,35	54	✓	✓		New Fujairah Tower (U.A.E.)
O NE 05-05-002	3	11	1000	10	6,35	54	✓	✓		Power Interconnection / Gasco
O NE 05-07-012	20	11	1000	10	6,35	54	✓	✓		Northern Emirates
O NE 10-02-010	3	11	1000	10	6,35	54		✓		FEWA E3/2009 / United Arab Emirates
O NE 10-02-011	4	11	1000	10	6,35	54		✓		FEWA E3/2009 / United Arab Emirates
O NE 10-06-005	2	11	1000	10	6,35	54	✓	✓		Directorate of Military Works / United Arab Emirates
O NE 10-11-007	2	11	1000	10	6,35	00				Braun 2 / Egypt
O NE 11-02-003	2	11	1000	10	6,35	54		✓		Fujairah City Centre / United Arab Emirates
O NE 13-03-016	3	11	1000	10	6,35	54		✓		33/11kV Port of Fujairah Substation (E10/2011) / UAE
O NE 09-05-003	1	11	1000	30	6,35	54	✓	✓		Ghana Mobile Station / Africa
O NE 12-02-014	3	11	1000	30	6,35	54	✓	✓		Ghana (PO194)
O NE 04-08-002	1	11	1050	10	6	00				Uum (Malaysia)
O NE 04-12-006	1	11	1050	10	6	12				ABB F&N
O NE 07-10-005	1	11	1050	10	6	00				Antara Steel / Malaysia
O NE 07-12-009	1	11	1050	10	6	00				Perodua S/Stn (Malaysia)
O NE 09-10-005	1	11	1050	10	6,05	00				Marina Substation / Malaysia
O NE 10-02-008	1	11	1050	10	6,05	00				Boulevard Kuching / South Corea
O NE 11-04-015	1	11	1050	10	6,05	00				Mukah Town / Malaysia
O NE 09-03-007	1	11	1200	10	5,3	00				Petian & Salim Substations / Malaysia
O NE 09-08-002	2	11	1200	30	5,3	23	✓	✓		Bahrain II (11752) / Bahrain
O NE 09-08-002	4	11	1200	30	5,3	23	✓	✓		Bahrain II (11752) / Bahrain
O NE 10-06-012	1	11	1200	30	5,3	23	✓	✓		Bahrain II
O NE 09-07-007	1	11	1312	10	4,8	00				Upper Lanag Substation / Malaysia
O NE 11-05-005	1	11	1312	10	4,84	00				Biawak Substation / Malaysia
O NE 06-07-007	1	11	1400	10	4,5	00				Texas Instrument / Ampang
O NE 08-01-003	1	11	1400	10	4,54	00				Texas Instruments / Malaysia
O NE 07-03-006	2	11	1500	10	4,23	54	✓	✓		EMCC (Emirates)
O NE 10-02-010	12	11	1500	10	4,23	54		✓		FEWA E3/2009 / United Arab Emirates
O NE 11-03-016	3	11	1500	10	4,23	54	✓	✓		Naeem Mall RAK / United Arab Emirates
O NE 11-11-002	1	11	1500	10	4,24	54				Taif Airport / Saudi Arabia
O NE 03-07-008	1	11	1600	10	4	00				Smart - Mainhead B
O NE 03-12-016	1	11	1600	10	4	00				Malaysia
O NE 04-03-002	1	11	1600	10	4	00				Malaysia
O NE 04-05-010	1	11	1600	10	4	00				Sesco
O NE 05-02-007	1	11	1600	10	4	54				Penulaju
O NE 05-11-005	1	11	1600	10	4	00				Scientex
O NE 06-01-003	2	11	1600	10	4	23				Kuching Airport & Utar
O NE 06-11-003	1	11	1600	10	4	23				PLN (Malaysia)
O NE 06-11-005	2	11	1600	10	4	23				PLN (Malaysia)
O NE 07-04-007	1	11	1600	10	4	00				Batu Kawa (Malaysia)
O NE 07-05-002	1	11	1600	10	4	00				Simc (Malaysia)
O NE 07-05-012	1	11	1600	10	4	00				Lahad Datu
O NE 09-03-007	1	11	1600	10	4	00				Petian & Salim Substations / Malaysia
O NE 09-03-007	2	11	1600	10	4	00				Salim Substation / Malaysia
O NE 09-05-009	2	11	1600	10	4	00				Astana Substation / Malaysia
O NE 09-05-010	1	11	1600	10	4	00				Rantau Panjang Substation / Malaysia
O NE 09-10-006	2	11	1600	10	4	00				STIDC - Tanjung Manis / Malaysia
O NE 10-06-009	1	11	1600	10	4	00				Tshum Ngen
O NE 10-06-009	4	11	1600	10	4	00				Tshum Ngen
O NE 10-11-004	5	11	1600	10	4	00				TNB / Malaysia
O NE 10-11-005	1	11	1600	10	4	00				KKIP Sabah / Malaysia
O NE 11-08-006	3	11	1600	10	4	00				KKIP 2/TNB Chukai/TNB Bukit Sentosa / Malaysia
O NE 12-01-010	3	11	1600	10	4	00				TNB Kota Bharu / Malaysia
O NE 12-05-007	5	11	1600	10	4,00	00				TNB / malaysia
O NE 12-11-001	5	11	1600	10	4	00				TNB / Malaysia
O NE 07-06-006	1	11	1600	30	4	00				Minintod (Malaysia)
O NE 07-06-007	1	11	1600	30	4	00				KK Outer Ring (Malaysia)
O NE 08-06-004	1	11	1600	30	4	00				Minintod (Malaysia)
O NE 11-01-011	2	11	1600	30	4	00				POIC Sabah / Malaysia
O NE 04-11-003	1	11	3735	10	1,70036	00				Esso
O NE 11-03-013	2	11,5	10	10	664	54				Ruwais Project / United Arab Emirates
O NE 10-05-005	4	11,5	20	10	332	23	✓	✓		Namibia
O NE 06-12-009	2	11,5	300	30	21,1	55	✓	✓	✓	Dial Nofal (Irak)
O NE 07-05-007	2	11,5	300	30	21,1	55	✓	✓	✓	PCO (Irak)
O NE 11-03-013	6	11,5	400	10	16,6	54				Ruwais Project / United Arab Emirates
O NE 11-09-007	6	11,5	400	10	16,6	54				Takreer/ United Arab Emirates
O NE 12-05-010	2	11,5	400	10	16,60	54				IRP II EPC-2 / UAE
O NE 09-08-001	2	11,6	300	10	22,32	55	✓			El Merk / Algeria
O NE 05-07-001	1	12	150	10	46	23				Suriname

NERs
General

O/Ref	Qty	Ur kV	In A	Tn Sec	Rn Ω	IP	C.T.	Switch	Surge Arrestor	Project
O NE 08-12-006	1	12	300	30	23,09	23	✓	✓	✓	Sweet Water Canal / Irak
O NE 10-05-006	15	12	1500	10	4,62	23				Pakistan
O NE 12-06-019	1	12	-	-	-	54	✓	✓		24MW Emergency Plant for Electricity supply in Jaffna / Sri Lanka
O NE 04-05-006	1	12,3	25	-	275	00				Australia
O NE 09-12-008	1	12,3	150	10	47,3	23				Suriname
O NE 02-02-005	10	12,5	600	10	12	23				Shuweihat U.A.E.
O NE 02-02-005	4	12,5	600	10	12	23	✓			Shuweihat U.A.E 60
O NE 02-02-005	2	12,5	600	10	12	23	✓			Shuweihat U.A.E 61
O NE 02-02-005	4	12,5	600	10	12	23	✓			Shuweihat U.A.E 62
O NE 03-12-008	1	12,5	600	10	12	23	✓			Indonesia
O NE 03-12-011	1	12,5	600	10	12	23	✓			Shuweihat
O NE 13-06-002	3	13,08	1500	10	5,3	54	✓	✓		Kaust-2 S/Stn (Research Park) - Thuwal / Saudi Arabia
O NE 04-03-003	1	13,8	5	10	1593	23	✓	✓		SPCC Bisha
O NE 06-10-011	1	13,8	15	10	532	23	✓	✓		Minera Aguila
O NE 05-09-005	2	13,8	16	60	498	23		✓		Rafha & Arar Generation
O NE 09-07-013	4	13,8	20	10	398	23				
O NE 12-06-020	5	13,8	26,5	10	300	54		✓		Emirates
O NE 02-06-008	1	13,8	30	10	265	23				Equator
O NE 05-05-006	1	13,8	30	10	266	23				Tahama Cement / Pakistan
O NE 12-01-014	46	13,8	40	10	200	54	✓	✓		HRGs for Generators / Saudi Arabia
O NE 00-08-002	2	13,8	50	10	160	23				Tabarjal PP Extension (Saudi Arabia)
O NE 02-03-004	1	13,8	50	10	160	23				Saudi Arabia
O NE 03-09-009	1	13,8	50	10	160	54				Iran
O NE 09-01-004	1	13,8	50	10	159	23				Petrorubiales / Colombia
O NE 09-07-013	2	13,8	50	10	159,35	23				
O NE 10-04-006	3	13,8	50	10	159,35	23				EI Power Solutions/ Germany
O NE 10-12-002	1	13,8	50	10	159	23				
O NE 12-03-013	1	13,8	80	10	100	54		✓		KAFD / Saudi Arabia
O NE 00-03-002	2	13,8	100	10	80	54				Abu Dhabi
O NE 01-06-007	1	13,8	100	10	80	23				Germany
O NE 05-05-006	1	13,8	100	10	80	23				Tahama Cement / Pakistan
O NE 06-01-002	1	13,8	100	10	80	23				
O NE 12-03-009	2	13,8	100	10	80	54				WO-16040 (Aramco)
O NE 11-12-012	2	13,8	105	10	76,2	23	✓	✓		Al Bustan II Utility Complex / Oman
O NE 07-03-003	1	13,8	115	10	69,3	23	✓	✓		Nadec (Saudi Arabia)
O NE 07-05-004	2	13,8	115	10	69,3	23	✓	✓		Nadec II (Indonesia)
O NE 01-12-005	1	13,8	150	10	53	54				Dominican Republic
O NE 03-12-002	1	13,8	200	10	40	00				Australia
O NE 04-05-001	1	13,8	200	10	40	23				Indonesia
O NE 05-11-006	3	13,8	200	10	40	54				
O NE 12-07-001	4	13,8	200	10	40	54	✓	✓		Saudi Arabia Genset
O NE 02-04-004	1	13,8	250	10	32	00				Alcoa
O NE 02-06-009	1	13,8	250	30	32	23				Blureese (Guatemala)
O NE 03-02-001	1	13,8	250	30	32	54				Germany
O NE 06-03-008	1	13,8	250	30	32	23				
O NE 09-07-013	1	13,8	250	30	31,87	23				
O NE 05-09-005	3	13,8	300	60	26,5	23		✓		Rafha & Arar Generation
O NE 02-02-001	1	13,8	400	5	20	23				Guafita
O NE 02-02-001	1	13,8	400	5	20	23				Guafita
O NE 02-12-003	1	13,8	400	10	20	23	✓	✓		Al-Wajh
O NE 02-12-003	1	13,8	400	10	20	23	✓	✓		Al-Ulla
O NE 02-12-003	1	13,8	400	10	20	23	✓	✓		Extension of Tabuk
O NE 03-11-004	1	13,8	400	10	10	23		✓		Saudi Arabia
O NE 04-08-001	2	13,8	400	10	20	23	✓			Jacob Marathon (USA)
O NE 04-09-003	4	13,8	400	10	20	23	✓			Indonesia
O NE 04-10-001	2	13,8	400	10	20	23				Caltex (Indonesia)
O NE 06-05-007	2	13,8	400	10	20	54	✓	✓		APPC
O NE 07-08-006	2	13,8	400	10	19,9	54				Thailand
O NE 07-08-009	1	13,8	400	10	19,9	23	✓			Sriwidjaja Fertilizer (Indonesia)
O NE 08-03-003	3	13,8	400	10	20	54				Aramco / Saudi Arabia
O NE 09-02-005	1	13,8	400	10	20	54				Thailand
O NE 10-07-009	2	13,8	400	10	20	54				Thailand
O NE 12-05-012	1	13,8	400	10	19,92	56	✓			WO-16225 (Aramco) / Saudi Arabia
O NE 10-08-005	2	13,8	400	60	20	54				Construction of Qurayyah Combined Cycle Power Plant / Saudi Arabia
O NE 02-05-005	3	13,8	800	5	10	23	✓			Al Fakhriyah
O NE 02-05-005	3	13,8	800	5	10	23	✓			Shawwal
O NE 08-01-010	3	13,8	800	5	10	23	✓			Al-Warood S/Stn (Saudi Arabia)
O NE 08-01-010	3	13,8	800	5	10	23	✓			Al-Aziziah S/Stn (Saudi Arabia)
O NE 08-01-010	3	13,8	800	5	10	23	✓			Al-Naseem S/Stn (Saudi Arabia)
O NE 08-01-010	3	13,8	800	5	10	23	✓			Al-Rabia S/Stn (Saudi Arabia)
O NE 09-05-002	1	13,8	800	5	10	54	✓			Engine for Hail / Saudi Arabia

NERs
General

O/Ref	Qty	Ur kV	In A	Tn Sec	Rn Ω	IP	C.T.	Switch	Surge Arrestor	Project
O NE 11-05-004	3	13,8	800	5	10	54	✓			Construction of Riyadh Industrial Area / Saudi Arabia
O NE 11-05-008	3	13,8	800	5	10	54	✓			North West Buraydah Substation 8831 / Saudi Arabia
O NE 11-10-010	5	13,8	800	5	10	54	✓			Substations 8918 & 7753 / Saudi Arabia
O NE 12-10-003	2	13,8	800	5	10	54			✓	SWCC 25-1/2 (for SEC) / KSA
O NE 11-12-001	1	13,8	800	10	10	54	✓			Raz Az Zawr Power & Desalination Plant / Saudi Arabia
O NE 05-10-006	7	13,8	800	30	10	54				New Alsalama, Sabya & Jizan
O NE 12-03-016	4	13,8	1000	60	7,97	54				Yanbu 2 Power & water Project / Saudi Arabia
O NE 00-10-007	1	13,8	1500	10	5,3	54	✓	✓		Bahra S/S (Saudi Arabia)
O NE 01-10-003	1	13,8	1500	10	5,3	23	✓	✓		Khulais S/S (Saudi Arabia)
O NE 01-10-004	1	13,8	1500	10	5,3	23	✓	✓		ICY-3 Substation (Saudi Arabia)
O NE 01-12-002	2	13,8	1500	10	5,3	23	✓	✓		University III
O NE 01-12-004	1	13,8	1500	10	5,3	23	✓	✓		Al Zahra
O NE 02-06-003	1	13,8	1500	10	5,3	23	✓	✓		Sawamlah & Al Leith
O NE 02-12-003	1	13,8	1500	10	5,3	23	✓	✓		Ummaluj
O NE 02-12-003	1	13,8	1500	10	5,3	23	✓	✓		Yanbu North
O NE 03-01-002	1	13,8	1500	10	5,3	54	✓	✓		Al-Safa
O NE 03-07-013	1	13,8	1500	10	5,3	54	✓	✓		110/13,8kV Madain Al-Fahad S/S
O NE 03-09-003	1	13,8	1500	10	5,3	54	✓	✓		Haddah S/S (Saudi Arabia)
O NE 03-12-014	1	13,8	1500	10	5,3	54	✓	✓		Khayber S/Stn (Saudi Arabia)
O NE 03-12-014	1	13,8	1500	10	5,3	54	✓	✓		Al-Aous S/Stn (Saudi Arabia)
O NE 03-12-014	1	13,8	1500	10	5,3	54	✓	✓		Saudi City S/Stn (Saudi Arabia)
O NE 03-12-014	1	13,8	1500	10	5,3	54	✓	✓		Haram III S/Stn (Saudi Arabia)
O NE 04-03-006	1	13,8	1500	10	5,3	54	✓	✓		Rabigh Power Plant (3rd Standby Trafo)
O NE 04-12-010	1	13,8	1500	10	5,3	54	✓	✓		Dhuba & Jouba
O NE 05-01-006	1	13,8	1500	10	5,3	54	✓	✓		Rabigh City & Dhabban S/Stn
O NE 10-07-017	3	13,8	1500	10	5,31	54	✓	✓		Jeddah North West S/Sn / Saudi Arabia
O NE 13-05-025	2	13,8	1500	10	5,3	54	✓			Yanbu III Substation / Saudi Arabia
O NE 11-11-002	1	13,8	1590	10	5	54				Taif Airport / Saudi Arabia
O NE 03-09-001	6	15	5	10	1732	23	✓	✓		Finland
O NE 11-08-005	2	15	25	10	346,4	54	✓			Thika Power Plan / Kenya
O NE 00-10-006	6	15	2000	10	4	54		✓		Yanbu S/S (Saudi Arabia)
O NE 10-06-002	2	15	2000	10	4,3	54		✓		101 & Satellite S/S 101 Royal Commission / Saudi Arabia
O NE 12-03-006	15	15,75	1137	3	8	23				UTE / Uruguay
O NE 09-02-006	4	16,5	1440	10	6,6	23				Dry Fork Station / United States
O NE 00-05-002	25	17,5	20	-	50	23				Kepeco (Korea)
O NE 01-03-001	7	17,5	20	-	50	23				Kepeco (Korea)
O NE 03-04-007	2	20	5	-	2540	23				BMW
O NE 06-05-003	4	20	24	10	500	23	✓			Central & East Java & Bali
O NE 07-10-001	3	20	25	10	461	23	✓			Indonesia
O NE 10-08-003	5	20	25	10	462	23	✓			Java Bali: 10GW Acceleration / Indonesia
O NE 10-08-003	2	20	25	10	462	23	✓			Java Bali: 10GW Acceleration / Indonesia
O NE 11-03-020	1	20	25	10	500	23	✓			Kencana Alam / Indonesia
O NE 11-08-008	2	20	25	10	462	23	✓			Sika Kharisma / Indonesia
O NE 12-02-011	2	20	25	10	500	23	✓			GI Sedati (PT Indokomas)
O NE 08-02-002	1	20	25	30	500	23	✓	✓		Indonesia
O NE 08-04-003	1	20	25	30	500	23	✓			IFB 1 & 4 (Indonesia)
O NE 11-05-015	1	20	25	30	462	23	✓			Bina Buana Sewaka / Indonesia
O NE 11-12-007	1	20	25	30	462	23	✓			Tehate Putra Tunggal - GI Jombang / Indonesia
O NE 12-03-007	1	20	25	30	500	23	✓			Indonesia
O NE 12-04-003	1	20	25	30	500	23	✓			GI 150kV Watadodol & Barturiti / Indonesia
O NE 12-06-001	1	20	25	30	500	23	✓			New Wlingi (PT Arya Sada) / Indonesia
O NE 12-07-012	2	20	25	30	500	23	✓			GI 150kV (PT Mega Power)
O NE 12-08-001	2	20	25	30	500	23	✓			PLN Mobile S/Sms
O NE 13-02-009	1	20	25	30	500	23	✓			Jatim Steel Project (Artho Ageng Energi) / Indonesia
O NE 09-04-002	2	20	90	10	128,3	23	✓			Unindo / Indonesia
O NE 01-04-005	2	20	150	5	80	23	✓			Italy
O NE 10-07-006	2	20	150	10	76,98	23	✓	✓		Indonesia
O NE 09-07-016	2	20	168	10	68,7	23	✓			Imeco Inter Sarana / Indonesia
O NE 01-08-006	2	20	300	5	38,5	54				Madagascar
O NE 11-05-016	1	20	300	5	38,5	54	✓			Mireasa / Romania
O NE 02-10-001	1	20	300	10	40	23				PLN
O NE 02-10-003	1	20	300	10	40	23				PLN
O NE 03-07-001	1	20	300	10	40	23	✓	✓		BLTD Batu Ampar
O NE 03-07-007	1	20	300	10	40	23	✓			Gunung Malang 150kV S/S
O NE 03-07-011	1	20	300	10	40	23				Indonesia
O NE 03-09-002	1	20	300	10	40	54				Indonesia
O NE 04-05-007	1	20	300	10	40	23	✓			Indonesia
O NE 04-07-004	1	20	300	10	40	23	✓			Indonesia
O NE 04-07-010	1	20	300	10	40	23	✓			Payakumbuh PP (Indonesia)
O NE 04-07-011	2	20	300	10	40	23	✓			Indonesia
O NE 04-07-012	1	20	300	10	40	23	✓			Indonesia

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O/Ref	Qty	Ur kV	In A	Tn Sec	Rn Ω	IP	C.T.	Switch	Surge Arrestor	Project
O NE 04-08-003	2	20	300	10	40	54	✓			Indonesia
O NE 04-12-003	1	20	300	10	40	23	✓			Indonesia
O NE 04-12-005	1	20	300	10	40	23	✓			
O NE 05-03-004	1	20	300	10	40	54	✓			
O NE 05-05-004	1	20	300	10	40	23	✓			
O NE 05-06-001	1	20	300	10	40	23				Bili Bili
O NE 05-07-003	2	20	300	10	40	23	✓	✓		Prabumulih / Indonesia
O NE 06-05-003	2	20	300	10	40	23	✓			Central & East Java & Bali
O NE 07-01-001	2	20	300	10	40	54	✓	✓		PLN - Sako (Indonesia)
O NE 07-01-010	1	20	300	10	40	54	✓	✓		Tulear (Indonesia)
O NE 07-06-004	1	20	300	10	40	23	✓			Parigi (Indonesia)
O NE 07-07-003	4	20	300	10	40	23	✓			Parigi Palu (Indonesia)
O NE 08-03-005	4	20	300	10	40	23	✓			APBN PLN / Indonesia
O NE 08-04-007	1	20	300	10	40	23	✓			Seminyak / Indonesia
O NE 08-05-002	4	20	300	10	40	23	✓			Panakkukang Makassar / Indonesia
O NE 08-06-014	1	20	300	10	40	23	✓			Indonesia
O NE 08-07-010	1	20	300	10	40	23	✓			Indonesia
O NE 08-10-004	1	20	300	10	40	23	✓			Gi Muara Bulian / Indonesia
O NE 09-03-006	1	20	300	10	40	23	✓			ADB C4 / Indonesia
O NE 09-07-002	1	20	300	10	40	23	✓			Indonesia
O NE 09-07-015	1	20	300	10	40	23	✓			Indonesia
O NE 10-03-006	1	20	300	10	38,49	23	✓			Indonesia
O NE 11-01-002	1	20	300	10	40	23	✓			Cahaya Makmur / Indonesia
O NE 11-03-012	1	20	300	10	38,5	23	✓			Seputih Banyak Substation / Indonesia
O NE 11-04-008	1	20	300	10	40	23	✓			Bintang Mas / Indonesia
O NE 11-04-018	1	20	300	10	40	23	✓			-
O NE 11-05-010	1	20	300	10	40	23	✓			Hasta Prajatama / Indonesia
O NE 11-06-002	1	20	300	10	40	23	✓			Indokomas / Indonesia
O NE 11-06-004	1	20	300	10	40	54	✓			Ulu Belu / Indonesia
O NE 11-06-008	1	20	300	10	40	23	✓			KSO Pratama Eltrindo
O NE 11-12-017	1	20	300	10	40	23	✓			Tanjung Pandan/ Indonesia
O NE 12-03-020	2	20	300	10	40	23				Pontianak / Indonesia
O NE 12-03-021	6	20	300	10	40	23				Tehate Putra Tunggal
O NE 12-03-022	1	20	300	10	40	23	✓			GI 150kV Seputih Banyak (Indokomas / Celegec)
O NE 12-03-025	3	20	300	10	40	23	✓			GI Limo, Solok & Salak / Indonesia
O NE 12-05-005	3	20	300	10	40	23	✓			PLN Manado / Indonesia
O NE 12-05-005	1	20	300	10	40	23	✓			PLN Manado / Indonesia
O NE 12-06-004	5	20	300	10	40	23	✓			GI 150kV - Celukan Bawang
O NE 12-06-010	1	20	300	10	40	23	✓			Cilegon & Malimping / Indonesia
O NE 12-06-010	1	20	300	10	40	23	✓			Cilegon & Malimping (PT Arya Sada) / Indonesia
O NE 12-07-008	1	20	300	10	40	23	✓			Tanjung Pandan PLTU / Indonesia
O NE 12-07-013	1	20	300	10	40	23	✓			PT Jampa
O NE 12-09-001	2	20	300	10	40	23	✓			GI Rantau Prapat & Hkisaran (Medan Teknik)
O NE 12-09-002	9	20	300	10	40	23	✓			Sempera, Dolok & Galang, Salak & Sidikalang, Uban Petung & Kijang
O NE 12-10-001	1	20	300	10	40	23	✓			GI Tayan (PT Jampa)
O NE 13-02-007	1	20	300	10	40	23	✓			Wisma Sarana Teknik / Indonesia
O NE 13-05-002	1	20	300	10	40	23	✓			Bintang Mas / Indonesia
O NE 13-05-023	2	20	300	10	40	23	✓			Bina Novita (GI Sambas) / Indonesia
O NE 13-05-023	2	20	300	10	40	23	✓			Dalima (GI Air Raja) / Indonesia
O NE 13-05-023	1	20	300	10	40	23	✓			Purnama Indonesia (GI Hanil Jaya Steel) / Indonesia
O NE 03-12-005	1	20	300	30	40	54	✓	✓		Boepinang (Indonesia)
O NE 04-05-002	1	20	300	30	40	23	✓	✓		Indonesia
O NE 04-05-003	1	20	300	30	40	23				Musi HEPP
O NE 06-01-005	2	20	300	30	40	23	✓			PLN Talise Palu
O NE 07-01-011	1	20	300	30	40	23	✓			Indonesia
O NE 07-02-003	1	20	300	30	40	23	✓			Indonesia
O NE 07-11-001	1	20	300	30	40	00				Mardika Sarana / Indonesia
O NE 08-05-006	1	20	300	30	40	23	✓			Mardika Sarana / Indonesia
O NE 11-05-011	1	20	300	30	40	23	✓			Talus Wisesa (GI Payangan / GI Antosari) / Indonesia
O NE 11-10-010	1	20	300	30	40	23	✓			Kencana Alam Putra / Indonesia
O NE 12-02-012	2	20	300	30	40	23	✓			GI 70kV Ende & Maumere
O NE 12-04-003	3	20	300	30	40	23	✓			GI 150kV Watadodol & Barturiti / Indonesia
O NE 12-06-009	1	20	300	30	40	23	✓			New Samur(PT Arya Sada) / Indonesia
O NE 12-08-001	8	20	300	30	40	23	✓			PLN Mobile S/Sms
O NE 12-08-001	3	20	300	30	40	23	✓			PLN Mobile S/Sms
O NE 13-02-008	1	20	300	30	40	23	✓			GI Lubuk Linggau (QDC Technologies) / Indonesia
O NE 02-05-006	1	20	320	10	40	23				Indonesia
O NE 06-04-007	1	20	400	10	30	23	✓	✓		
O NE 12-05-011	1	20	400	10	28,87	54				Extension Maria Gléta / Bénin
O NE 11-07-007	1	20	600	5	19,25	23	✓	✓		Alverna / Romania
O NE 12-01-013	2	20	600	5	19,25	23	✓			Craiova Center Station for CEZ Distribution / Romania

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O/Ref	Qty	Ur kV	In A	Tn Sec	Rn Ω	IP	C.T.	Switch	Surge Arrestor	Project
O NE 13-02-011	1	20	600	5	19,25	23	✓			Abator Satu Mar / Romania
O NE 00-00-013	1	20	600	5	19,25	23	✓	✓		Arctic Gaesti S/Stn / Romania
O NE 00-04-002	1	20	600	30	20	23				Cairo (Egypt)
O NE 09-02-002	4	20	1000	5	12	23				Zone Franche Industrielle (Seme-Kpodji) / Benin
O NE 04-07-013	1	20	1000	10	11,55	23	✓			Indonesia
O NE 04-09-001	1	20	1000	10	11,55	23				Indonesia
O NE 05-06-005	1	20	1000	10	12	54	✓			
O NE 05-09-015	6	20	1000	10	12	54	✓			
O NE 06-02-007	2	20	1000	10	12	23	✓			
O NE 06-10-004	1	20	1000	10	12	23	✓			Indonesia
O NE 07-05-003	2	20	1000	10	11,55	23	✓			Batam II (Indonesia)
O NE 08-02-007	3	20	1000	10	12	23	✓			Batam II (Indonesia)
O NE 08-03-007	9	20	1000	10	12	23	✓			IFB - 1A & B (Indonesia)
O NE 08-03-008	10	20	1000	10	12	23	✓			IFB - 2A & B (Indonesia)
O NE 08-04-002	1	20	1000	10	12	23	✓			Batam II (Indonesia)
O NE 09-01-007	4	20	1000	10	12	23	✓			Indonesia
O NE 10-01-005	2	20	1000	10	12	23	✓			PTU II Labuan/ Malaysia
O NE 10-04-002	1	20	1000	10	12	23				Indonesia
O NE 10-07-004	1	20	1000	10	12	23				Indonesia
O NE 10-08-003	7	20	1000	10	12	23	✓			Java Bali: 10GW Acceleration / Indonesia
O NE 10-08-003	12	20	1000	10	12	23	✓			Java Bali: 10GW Acceleration / Indonesia
O NE 10-12-001	2	20	1000	10	12	23	✓			B5 / Indonesia
O NE 10-12-012	1	20	1000	10	12	23	✓			Indonesia
O NE 11-04-009	6	20	1000	10	12	23	✓			P3BJB Package 12 / Indonesia
O NE 11-04-009	6	20	1000	10	12	23	✓			P3BJB Package 23 / Indonesia
O NE 11-04-016	1	20	1000	10	12	23	✓			P3BJB / Indonesia
O NE 11-05-001	3	20	1000	10	12	23	✓			Kedung Jaya / Indonesia
O NE 11-06-014	2	20	1000	10	12	23	✓			Tri Energi Sahata / Indonesia
O NE 11-06-015	3	20	1000	10	12	23	✓			Indonesia
O NE 11-07-008	3	20	1000	10	12	23	✓			Mega Power Tejnindo / Indonesia
O NE 11-10-004	1	20	1000	10	12	23	✓			Mega Power (JO 126) / Indonesia
O NE 12-02-013	1	20	1000	10	12	23	✓			GI 150kV Fajar Surya Extension
O NE 12-05-002	1	20	1000	10	12	23	✓			GI Plumpang / Indonesia
O NE 12-07-003	1	20	1000	10	12	23	✓			GI 150kV Honda Prospect Motor S/Stn (Indokomas)
O NE 12-07-011	2	20	1000	10	12	23	✓			GIS Bdara Ngurah Rai / Bali
O NE 12-07-012	2	20	1000	10	12	23	✓			GI 150kV (PT Mega Power)
O NE 12-11-003	3	20	1000	10	12	23	✓			PT Bangkit indo Energy / Indonesia
O NE 01-08-001	3	20	1000	30	11,5	54				Germany
O NE 12-03-012	3	20	1000	30	12	23	✓			GIS Pantai Indah Kapuk (for Hasta Karya Perdana) / Indonesia
O NE 12-03-021	3	20	1000	30	12	23				Tehate Putra Tunggal
O NE 12-04-002	3	20	1000	30	12	23	✓			GIS Harapan indah & Alam Sutra / Indonesia
O NE 12-04-002	3	20	1000	30	12	23	✓			GIS Harapan indah & Alam Sutra / Indonesia
O NE 12-08-001	3	20	1000	30	12	23	✓			PLN Mobile S/Stns
O NE 12-01-002	4	20	2000	12	5,8	33				NDT 108 - Powergrid / Singapore
O NE 12-01-002	3	20	2000	12	5,8	33				NDT 108 - Powergrid / Singapore
O NE 12-01-002	4	20	2000	12	5,8	33				NDT 108 - Powergrid / Singapore
O NE 12-01-002	2	20	2000	12	5,8	33				NDT 108 - Powergrid / Singapore
O NE 10-07-002	2	20	800-600	5	38,5/19,3	23	✓			Pirelli Tyres Slatina / Romania
O NE 07-10-002	1	21,5	1000	10	12,4	23				Ireland
O NE 00-10-005	1	22	20	-	635	00				Australia
O NE 09-03-013	1	22	50	5	254	00				Kunimiyama (TMEIC) / Japan
O NE 09-03-014	1	22	50	5	254	00				Ei (TMEIC) / Japan
O NE 10-02-004	1	22	50	10	254	00				Awara Wind Farm / Japan
O NE 10-06-004	1	22	50	10	254	00				Yura Wind Farm / Japan
O NE 10-11-008	1	22	50	10	254	00				Tainai Wind Power Plant Project
O NE 11-02-007	1	22	50	10	254	00				Kushikino Wind Farm / Japon
O NE 12-01-001	1	22	50	10	254	00				Wind Power Kashima (TO-0474)/ Japon
O NE 12-11-010	1	22	50	10	254	00				Hibiki Wind Power
O NE 13-05-020	1	22	50	10	254	00				Itako Photovoltaic Generation / Japan
O NE 13-05-021	1	22	50	10	254	00				Takara Wind Power / Japan
O NE 08-01-006	2	22	50	600	254	23	✓	✓		Mahaxai 115/22kV S/Stn (Laos)
O NE 01-12-003	2	22	70	10	181	23				Australia
O NE 05-09-010	1	22	100	10	127	00				Thailand
O NE 06-06-007	2	22	100	10	127	00				Fuji / Thailand
O NE 07-05-010	1	22	100	10	127	00				Fuji / Thailand
O NE 07-11-002	1	22	100	10	127	00				NOK 115kV / Thailand
O NE 08-09-011	1	22	100	10	127	00				Nidec Copal / Thailand
O NE 10-04-003	1	22	100	10	127	00				Suzuki / Thailand
O NE 11-06-001	1	22	100	10	127	00				JFE / Thailand
O NE 11-10-003	1	22	100	10	127	00				Thai Arrow Substation / Thailand
O NE 12-02-005	10	22	100	10	127	23	✓			Beirut City Center / Lebanon

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O/Ref	Qty	Ur kV	In A	Tn Sec	Rn Ω	IP	C.T.	Switch	Surge Arrestor	Project
O NE 12-02-005	10	22	100	10	127	23	✓			Beirut City Center / Lebanon
O NE 12-12-004	1	22	100	10	127	00				Furukawa Sky / Japan
O NE 07-04-011	3	22	200	5	63,5	54	✓			Tomago Aluminum (Australia)
O NE 12-10-007	2	22	200	10	63,5	23				Vietnam
O NE 11-10-002	2	22	250	10	50,8	55				HTY / Thailand
O NE 05-01-005	1	22	300	5	42	00				
O NE 07-06-008	1	22	300	5	42,5	23	✓			Morocco
O NE 06-11-007	1	22	315	10	40	23				Purac Quinten OPS5 (Thailand)
O NE 12-06-017	1	22	315	10	40	23	✓			SunFlag / Malaysia
O NE 08-04-001	3	22	400	10	30	23				Jabebeka / Indonesia
O NE 08-07-002	1	22	400	20	31	23		✓		Phaisarn Steel / Thailand
O NE 08-07-002	2	22	600	20	21	23		✓		Phaisarn Steel / Thailand
O NE 12-04-011	2	22	650	10	20	00				Up Town / Egypt
O NE 03-10-012	1	22	650	30	12-20	54	✓	✓	✓	Eslah 3 & 4 S/Sms (Egypt)
O NE 03-11-009	4	22	650	30	20	54				Egypt
O NE 04-06-001	4	22	650	30	20	54	✓	✓	✓	New Cairo 220kV S/S (Egypt)
O NE 04-07-002	7	22	650	30	12-20	54				Sohag North S/S (Egypt)
O NE 09-10-002	3	22	650	30	20	54	✓	✓	✓	El Gona Substation / Egypt
O NE 09-10-013	4	22	650	30	20	00				Sharm El Sheikh / Egypt
O NE 03-09-006	1	22	800	10	16	00				Smart Mainhead B (Malaysia)
O NE 10-07-013	1	22	800	10	15,8771	00		✓		Carsem Ipoh / Malaysia
O NE 00-12-004	1	22	900	3	14,1	23				Australia
O NE 07-07-006	2	22	1000	5	12,8	23	✓			Poste de Nouasseur (Morocco)
O NE 09-10-003	2	22	1000	10	12,7	23	✓	✓		Navanakorn 4 / Thailand
O NE 09-12-010	1	22	1000	10	12,7	23				Vietnam
O NE 09-12-010	1	22	1000	10	12,7	23				Vietnam
O NE 10-03-012	2	22	1000	10	12,7	55	✓	✓		PTT LNG / Thailand
O NE 10-12-004	2	22	1000	10	12,7	23				Vietnam
O NE 07-01-003	1	22	1000	30	12,7	54	✓	✓		PEA (Thailand)
O NE 08-12-004	1	22	1200	10	10,6	23	✓	✓		Tasek Cement / Malaysia
O NE 06-05-005	2	22	1500	12	8,5	55				Land Transport Authority
O NE 01-02-003	1	22	1587	10	8	00				Australia
O NE 02-06-006	1	22	1588	3	8	00				City Power
O NE 02-08-002	1	22	1588	10	8	00				Australia
O NE 03-05-006	1	22	1588	10	8	00				Australia
O NE 09-10-011	4	22	2000	10	6,35	33				NDT 77 - Powergrid / Singapore
O NE 09-10-011	2	22	2000	10	6,35	33				NDT 77 - Powergrid / Singapore
O NE 03-11-002	1	22	2000	12	6,35	23				Powergrid
O NE 05-09-009	18	22	2000	12	6,35	54				NDT 44 - Powergrid / Singapore
O NE 07-04-003	10	22	2000	12	6,35	33				Singapore
O NE 07-07-005	2	22	2000	12	6,35	33				im Flash (Singapore)
O NE 08-01-005	8	22	2000	12	6,35	33				PowerGrid / Singapore
O NE 10-06-010	2	22	2000	12	6,4	33				NDT 82 & NDT 86 - Powergrid / Singapore
O NE 10-06-010	3	22	2000	12	6,35	33				NDT 82 & NDT 86 - Powergrid / Singapore
O NE 10-06-010	3	22	2000	12	6,35	33				NDT 82 & NDT 86 - Powergrid / Singapore
O NE 10-06-010	6	22	2000	12	6,35	33				NDT 82 & NDT 86 - Powergrid / Singapore
O NE 11-03-017	2	22	2000	12	6,35	33				Tembusu Multi Complex/ Singapore
O NE 12-10-017	10	22	2000	12	6,5	33				NDT 110 / Singapore
O NE 03-12-012	2	22	2000	15	6,35	23				Singapore
O NE 05-03-003	3	22,5	1000	10	13	54				BIP PH4 Extension
O NE 03-03-008	2	23	5	2	2655	23				France
O NE 10-12-013	1	23	20	10	1000	00				Flamanville / France
O NE 00-06-003	2	23	177	10	75	23	✓			El Tesoro (Chile)
O NE 09-07-010	1	23	250	10	53,2	54	✓			TSSI-115/22kV Substation / Thailand
O NE 12-04-006	2	23	1000	10	13,30	54	✓			Hyflux Hydrochem / Singapore
O NE 09-07-017	2	24	200	10	69,28	54				Macedonia
O NE 03-03-003	2	24	650	30	20-24	23				East Quantara
O NE 06-04-012	1	24	1732	10	2x16	54				Agility
O NE 10-09-004	2	24	2000	10	6,93	23	✓			Sub-Bearing (BSME)/ Thailand
O NE 12-02-003	2	24	2000	10	6,93	23	✓			BTS Petchakasem / Thailand
O NE 12-02-003	2	24	2000	10	6,93	23	✓			BTS Petchakasem / Thailand
O NE 09-01-008	2	25	200	10	72,2	33	✓			Usine Pilote Jonquière / Canada
O NE 03-05-007	1	25	2000	30	7,2	23				Mega Steel
O NE 04-03-004	1	25	2000	30	7,2	00				Mega Steel
O NE 11-10-001	1	27	787	10	20	54	✓	✓		New Karak Substations (NEPCO) / Jordan
O NE 11-10-001	1	28	1102	10	15	54	✓	✓		New Karak Substations (NEPCO) / Jordan
O NE 04-10-003	1	30	200	10	86,6	23				Dubai Airport (United Arab Emirates)
O NE 08-12-007	2	30	216	30	80	54	✓		✓	Sponge Substation / Egypt
O NE 13-01-011	10	30	300	10	58	55	✓			Cabines Mobiles - Algeria
O NE 06-12-005	1	30	300	10	58	54		✓		Sococim
O NE 09-05-007	1	30	300	10	58	54		✓		Senegal

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O/Ref	Qty	Ur kV	In A	Tn Sec	Rn Ω	IP	C.T.	Switch	Surge Arrestor	Project
O NE 10-03-005	8	30	300	10	58	55				Algeria
O NE 11-03-009	7	30	300	10	58	55	✓			Mobile Stations / Projects 0188 & 0189/ Algeria
O NE 11-03-009	4	30	300	10	58	55	✓			Mobile Stations / Projects 0188 & 0189/ Algeria
O NE 12 12 003	3	30	300	10	58	55				Club des Pins - Algeria
O NE 12 12 003	4	30	300	10	58	55				Eucalyptus & Roubia (ext) - Algeria
O NE 12-04-010	8	30	300	10	57,74	55	✓			D353 - Algérie (AO 03 - Lot 2)
O NE 12-12-003	7	30	300	10	57,7	55				Postes de Yasmine, du Club des Pins, d'Eucalyptus & Ext de Rouiba / Algeria
O NE 12-09-009	2	30	300	30	57,74	55				Lot 5 Boudouaou / Algeria
O NE 11-05-003	3	30	600	5	29	54	✓			Casimcea
O NE 11-12-013	2	30	600	5	28,9	54	✓			Corni Substation / Romania
O NE 12-07-006	2	30	600	5	28,87	54	✓			Targursor / Romania
O NE 13-02-018	1	30	600	5	29	54	✓			Cerna Wind Farm / Romania
O NE 13-03-015	2	30	600	5	29	23	✓			DTL Substation / Romania
O NE 04-02-005	1	31,5	100	10	182	23		✓		Antam PP3
O NE 09-08-001	2	31,5	300	10	60,6	55	✓			El Merk / Algeria
O NE 09-10-015	2	31,5	300	10	60,6	23				Sonegaz - Poste Ouled Djelal / Algérie
O NE 07-09-002	2	33	5	-	3810	23	✓	✓		KDM (Indonesia)
O NE 05-08-001	3	33	30	10	635	54		✓		Goro Nickel / New Caledonia
O NE 13-05-018	1	33	50	10	381	00				Kaminokuni Wind Power / Japan
O NE 11-01-013	1	33	84	10	228	55	✓			Akakus Oil Operations Co. / Egypt
O NE 09-09-009	1	33	100	10	190,5	00				Hiyama Windmill (TMEIC) / Japan
O NE 11-01-017	1	33	100	30	190,5	54	✓	✓		TMP Project / Japon
O NE 03-03-010	1	33	200	10	95	23				Sa'Aibon Lektrik / Sabah Electricity
O NE 05-08-005	1	33	200	10	95	54	✓	✓		Tanah Abang / Cipayang
O NE 06-07-004	2	33	200	10	95	54	✓			Sohar Aluminium Smelter
O NE 09-10-008	2	33	200	10	95,2628	54				500MLD Seawater Plant in Magtaa / Algeria
O NE 11-01-014	2	33	200	10	95	55	✓			
O NE 12-01-004	3	33	200	10	95,26	55	✓			ZA1211/E0650E / Indonesia
O NE 02-01-003	1	33	250	10	76,2	23				Alcoa
O NE 02-06-002	1	33	250	10	76	00				Alcoa
O NE 02-11-003	1	33	250	30	76,2	00				Australia
O NE 12-02-010	1	33	250	30	76,2	54	✓			Guernsey Electricity Engine 2D
O NE 03-03-010	1	33	300	10	63,5	23				Sa'Aibon Lektrik / Sabah Electricity
O NE 05-08-001	2	33	300	10	63,5	54		✓		Goro Nickel / New Caledonia
O NE 02-11-007	2	33	300	30	63,5	23				Petronas Methanol (Labuan)
O NE 06-05-001	2	33	400	5	48	23				Ras az Onshore - Trains 6 & 7
O NE 06-05-002	2	33	400	5	48	23				Ras az Onshore - Trains 6 & 7
O NE 07-07-004	1	33	400	5	47,6	23				Rasgas Onshore Expansion - Phase II (Qatar)
O NE 02-02-004	1	33	400	10	18	23				Woodside
O NE 02-02-004	1	33	400	10	18	00				Woodside
O NE 05-05-002	2	33	400	10	48	54	✓	✓		Power Interconnection / Gasco
O NE 12-02-015	1	33	400	10	47,60	23	✓			Silicapower Plant
O NE 03-08-004	1	33	500	5	38	00				New Zealand
O NE 12-03-001	1	33	530	10	36	00				TNB Tanah Merah / Malaysia
O NE 10-07-011	4	33	550	10	34,64	54				Interconnection of Al Ghail & Al Hamar / United Arab Emirates
O NE 12-05-003	1	33	600	5	31,75	54	✓	✓		Baltagesti Wind Park / Romania
O NE 06-07-009	2	33	600	10	31,75	54	✓			Ao Udom 1 S/Sm
O NE 10-07-010	1	33	600	10	31,75	33				Raysut Power Station / Oman
O NE 10-10-003	1	33	600	10	31,75	00				Lawas Substation / Malaysia
O NE 08-11-003	1	33	600	30	31,75	33	✓	✓		LM 2500 Generator Transformer / Oman
O NE 03-08-007	1	33	750	10	25,4	54				ISN Phase II
O NE 08-08-003	1	33	800	10	23,8	23	✓	✓		G-Steel / Thailand
O NE 10-06-006	1	33	800	10	23,82	23		✓		EON Metal / Germany
O NE 10-11-005	1	33	800	10	24	00				KKIP Sabah / Malaysia
O NE 11-01-015	2	33	800	10	24	00				TNB KL East / Malaysia
O NE 11-01-015	3	33	800	10	24	00				TNB KL East / Malaysia
O NE 11-08-006	5	33	800	10	24	00				KKIP 2/TNB Chukai/TNB Bukit Sentosa / Malaysia
O NE 12-01-010	3	33	800	10	24	00				TNB Kota Bharu / Malaysia
O NE 05-05-002	3	33	1000	10	19,05	54	✓	✓		Power Interconnection / Gasco
O NE 05-07-012	1	33	1000	10	19,05	54	✓	✓		Northern Emirates
O NE 10-02-011	1	33	1000	10	19,05	54				FEWA E3/2009 / United Arab Emirates
O NE 00-11-002	2	33	1000	30	19	55		✓		Al Sharqiya Power (Oman)
O NE 04-07-008	2	33	1000	30	19,05	54	✓	✓		Rustaq Transmission System (Oman)
O NE 03-10-002	7	33	1190	10	16	54	✓	✓	✓	Sanaa South (Sudan)
O NE 05-01-007	7	33	1190	10	16	54	✓	✓	✓	Aden Power Plant Expansion
O NE 06-01-008	1	33	1190	10	16	54	✓	✓	✓	Sana'a South Extension
O NE 06-02-010	1	33	1190	10	16	54				Sana'a South Extension
O NE 01-10-003	1	33	1350	10	15	23	✓	✓		Khulais S/S (Saudi Arabia)
O NE 12-06-008	2	33	1500	1	12,70	54	✓			Shoibah III (CN # 31121062/00) / Saudi Arabia
O NE 05-07-012	4	33	1500	10	12,7	54	✓	✓		Northern Emirates
O NE 09-07-006	2	33	1500	10	12,7	00				Engkilili-Entingan-Muara Tabuan / Malaysia

**NERs
General**

O/Ref	Qty	Ur kV	In A	Tn Sec	Rn Ω	IP	C.T.	Switch	Surge Arrestor	Project
O NE 10-02-010	2	33	1500	10	12,7	54				FEWA E3/2009 / United Arab Emirates
O NE 10-02-011	4	33	1500	10	12,7	54				FEWA E3/2009 / United Arab Emirates
O NE 10-04-007	2	33	1500	10	12,7	54				FEWA E3/2009 / United Arab Emirates
O NE 11-04-003	2	33	1500	10	12,7	00				Samalaju Substation / Malaysia
O NE 11-06-012	2	33	1500	10	12,7	54				Sudah Port Substation / United Arab Emirates
O NE 11-08-002	6	33	1500	10	12,7	54				Sudah Port, Al Hail & Al Tawyeen S/Ss / UAE
O NE 12-01-005	2	33	1500	10	12,7	54				Khor Fakkan 132/33kV GIS Substation / UAE
O NE 00-11-002	6	33	1500	30	12,7	55		✓		Al Sharqiya Power (Oman)
O NE 01-07-002	1	33	1500	30	12,7	55		✓		Al Sharqiya Power (Oman)
O NE 07-06-007	1	33	1600	10	11,9	00				KK Outer Ring (Malaysia)
O NE 07-12-008	1	33	1600	10	11,9	00				Malaysia
O NE 11-10-007	3	33	1600	10	12	00				PMU Proton / SA Bandar / SA South / Iran
O NE 11-10-007	1	33	1600	10	12	00				PMU Proton / SA Bandar / SA South / Iran
O NE 11-06-012	1	33	2000	10	9,5	54		✓		Sudah Port Substation / United Arab Emirates
O NE 11-08-002	3	33	2000			54		✓		Sudah Port, Al Hail & Al Tawyeen S/Ss / UAE
O NE 12-01-005	1	33	2000			55		✓		Khor Fakkan 132/33kV GIS Substation / UAE
O NE 10-03-011	2	33	2100	10	9,1	43				Bakun Similajau / Malaysia
O NE 13-02-020	1	33	2893	1	5	54				Merowe / Sudan
O NE 02-05-005	3	33	3000	5	6,35	23	✓			Al Sulaimaniyah
O NE 07-02-004	2	34,5	400	5	49,8	23				Rasgas Onshore Expansion - Phase II (Qatar)
O NE 02-09-005	1	34,5	400	10	50	23				United Project
O NE 06-04-006	5	34,5	400	10	50	55	✓	✓		Co-Gen Melaka Gas
O NE 06-05-006	4	34,5	400	10	50	54		✓		Tasnee
O NE 08-01-001	1	34,5	400	10	49,8	55	✓	✓		CoGen Melaka Extension / Malaysia
O NE 11-03-013	1	34,5	400	10	49,8	54				Ruwais Project / United Arab Emirates
O NE 00-07-002	1	34,5	400	30	50	54				Ireland
O NE 02-09-006	1	34,5	750	10	26,5	54				SIPC
O NE 09-08-003	1	34,5	1000	5	20	23	✓			Thermal Power Plant / Turkey
O NE 10-06-008	1	34,5	1000	5	20	23	✓			Thermal Power Plant/ Turkey
O NE 11-11-006	1	34,6	300	10	66	54				king Khaled Military City (GTC 25MW) / Saudi Arabia
O NE 10-06-002	3	35	2000	10	10,1	54		✓		10J & Satellite S/S 101 Royal Commission / Saudi Arabia
O NE 03-12-003	5	36,5	100	10	211	54				Sakhalin (Russia)
O NE 07-12-004	2	36,5	100	10	211	54				Sakhalin LNG / Russia
O NE 04-09-002	3	36,5	400	10	92	23				Tuban Aromatic Plant (Indonesia)
O NE 02-11-008	1	40	200	5	115	54				Tomago (Australia)
O NE 00-12-003	1	44	20	20	1270	23				Sweden
O NE 01-08-007	1	47	860	2	31,75	23				Croatia
O NE 11-03-019	1	60	60	10	577	33				Alucam R9 G9 / France
O NE 09-03-013	1	66	3	5	12700	23				Kunimiyama (TMEIC) / Japan
O NE 02-05-006	1	66	500	10	76	23				Indonesia
O NE 02-10-002	2	66	2000	5	18	23				Netherlands
O NE 05-05-008	2	66	2000	15	19,05	54				NDT 29- Powergrid / Singapore
O NE 08-09-006	2	66	2000	15	19,5	33				NDT72 - Powergrid / Singapore
O NE 10-06-010	2	66	2000	15	19,1	33				NDT 82 & NDT 86 - Powergrid / Singapore
O NE 10-07-001	2	66	2000	15	19,1	33				NDT 86 - Powergrid / Singapore
O NE 10-07-001	2	66	2000	15	19,1	33				NDT 86 - Powergrid / Singapore
O NE 13-05-017	6	66	2000	15	19,05	33				NDT 123 & NDT 135 / Singapore
O NE 10-06-012	1	66	2800	6	13,6	54				Bahrain II
O NE 01-08-005	1	69	200	5	200	23				Tomago (Australia)
O NE 01-05-001	1	69	250	10	130	23				Australia
O NE 11-08-007	2	70	100	10	404	23				Rekayasa Industri / Indonesia
O NE 07-04-011	3	70	200	5	200	54	✓			Tomago Aluminum (Australia)
O NE 11-07-006	1	70	200	5	202	54	✓			Tomago Aluminum / Australia
O NE 06-05-003	1	70	200	10	200	23				Central & East Java & Bali
O NE 08-03-007	1	70	200	10	200	23				IFB - 1A & B (Indonesia)
O NE 03-08-005	4	70	200	30	200	23				Region 4 (PTPS)
O NE 03-12-001	1	82	200	5	237	23	✓			Tomago Aluminium
O NE 12-03-004	2	132	800	10	95	54				Tokuyama / Malaysia (TMEIC)
O NE 02-05-001	1		2250kJ	-	20,00	00				Switzerland