

## SINGAPORE

S No	Project Name	Client	Contractor	Substation Level	Project Location	Nature of Job
<b>Alstom Grid, Singapore</b>						
1	Banyan Sembocgen CCP3 Power Plant 230kV GIS Project	Sembcorp	Alstom Grid, Singapore	230kV GIS	Jurong Island, Singapore	Testing and commissioning
2	Keppel Merlimau Cogen	Keppel Energy Pte Ltd	Alstom Grid, Singapore	230kV GIS	Jurong Island, Singapore	Testing and commissioning
3	Tuaspring Power Plant 230kV GIS substation	Tuaspower	Alstom Grid, Singapore	230kV GIS	Singapore	Testing and commissioning
4	Singapore LNG Terminal 66kV/6.6kV/LV electrical package	Singapore LNG	Alstom Grid, Singapore	66kV/6.6kV/LV	Singapore	Testing and commissioning
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5	Tuaspring 70MGD Desalination Plant 66kV/22kV/6.6kV/LV electrical & drives systems- Hyflux	Hyflux	Alstom Grid, Singapore	66kV/22kV/6.6kV/LV	Jurong Island, Singapore	Testing and commissioning
6	Tembusu Multi-Utilities Complex project	Tuaspower	Alstom Grid, Singapore	66kV/22kV/6.6kV/LV	Jurong Island, Singapore	Testing and commissioning
7	Power Grid Woodlands Ave 8 GIS extension	Power Grid	Alstom Grid, Singapore	66kV	Woodlands, Singapore	Testing and commissioning
8	Jurong Aromatics 66kV GIS substation		Alstom Grid, Singapore	66kV GIS	Singapore	Testing and commissioning
9	Rangoon Road	SP Power Grid	Alstom Grid, Singapore	66kV GIS	Singapore	Testing and commissioning
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10	Thai Gulf Nong Saeng Project site at Thailand		Alstom Grid, Singapore	500KV GIS	Thailand	Testing and commissioning
11	Sri Lanka - Upper Kotemale Project	Hitachi Mitsubishi Hydro Corporation	Alstom Grid, Singapore	33KV	Srilanka	Testing and commissioning
12	33 KV Hlawga Site at Myanmar (88T Myanmar Project) Power plant project	IGE Co. Ltd, Ministry of Electric Power Enterprises	Alstom Grid, Singapore	33kV	Myanmar	Testing and commissioning
13	Power Grid Bighthill 66kV GIS extension		Alstom Grid, Singapore	66kV GIS	Singapore	Testing and commissioning
14	Power Grid five (5) 66kV GIS substations		Alstom Grid, Singapore	66kV GIS	Singapore	Testing and commissioning
15	CEM 110/22/11kV LRT SUBSTATION	Companhia de electricidade de Macau,CEM S.A.MACAU, EDIFICIO CEM, ESTRADA D. MARIA II MACAU.	Alstom Grid, Singapore	110/22/11kV	Kp Loo factory, jalan segambut,KL,Malaysia.	Relay Testing - FAT
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16	Pertama Ferroalloys: 275/33/6.6kV Main Receiving Step-down Substation	Pertama Ferroalloys Sdn Bhd.	Alstom Grid, Singapore	275/33/6.6kV	Bintulu Division of Sarawak, Malaysia	Testing and commissioning
17	132 kV Lachau project site, Malaysia		Alstom Grid, Singapore	132kV	Malaysia	Testing and commissioning
18	Agus 2 site Mindano Project Site, Philippines		Alstom Grid, Singapore	11kV	Philippines	protection relays+ Panels testing commissioning
19	LSRP1 - Luzon Sub station Reliability Project 1 (Botolan,San Esteban.and Labo)	National Grid Corporation of the Philippines - NGCP	PT ALSTOM GRID Transline power	115/69kV	Philippines Labo - Naga Airport San Esteban - Laoag Airport Botolan - Manila Airport	Erection and Co-ordinate testing
20	MSRP1 site(Jasaan, Maramag - Kibawe sites)	National Grid Corporation of the Philippines - NGCP	PT ALSTOM GRID	115/69kV	Philippines (Cagayan De Oro)	Erection and Co-ordinate testing
21	Indonesia Fast Power Project	PT PLN - Perusahaan Listrik Negara Electric Company, Batam	PT ALSTOM GRID / GE	500MW	Indonesia 1. Tarahan 2. Pontianak 3. Air Anyir 4. Lombok 5. Paya Pasir 6. Duri	Erection Co-ordination and Testing & Commissioning Services

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<b>ABB Singapore Pte Ltd.</b>						
1	T & C of 500MLD Seawater Desalination Plant in Magtaa, Algeria	Hylflux	ABB, Singapore	220KV/11KV Substation	Algeria	Testing and commissioning
2	Biomass Clean Coal (BMCC) cogeneration Project	Power Grid	ABB, Singapore	6.6KV	Jurong Island, Singapore	Testing and commissioning
3	PNG-LNG project in Papua New Guinea - ABB	PNG- LNG - ABB UNDER CB&I	ABB, Singapore KENZS(COMMISSIONING)	6.6kv HV 420 v LV swgrs	Komo, Papua New Guinea PNG LNG PROJECT-EPC4 HIDES GAS CONDITIONING PLANT AND WELLPADS PAPUA NEW GUINEA	Trouble shooting & commissioning coordinate
4	Tissue Machine - 61 Electrification Work, PT Pindo Deli, Indah Kiat Pulp & Paper Mill, PERAWANG - Village. RIAU, INDONESIA.	MILL SITE ADDRESS. PT Indah Kiat Pulp & Paper Tbk, JI Raya inas Perawang KM - 26, Desa Pinang Sebatang Kec. Tualang, Kab Siak, Provinces Riau.	ABB, Singapore	33/415 KV	Indonesia	Total No. of Machines - TM -61, 62, 71, 72, 81, 82 - 6 Nos. Each Machine having 5 No of Transformers. 2 Nos of Smart MCC Panels & 2 Nos of Capacitor Bank Panels. And also for Stock Preparation - 2 Transformers. - 4 Nos of Smart MCC Panels & 4 Nos of Capacitor Bank Panels 10 MVA / 33 KV / 3.45 KV
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5	Modec/Petrobras FPSO Cidade de Itaguai MV26	Modec offshore production Systems(S) pte ltd	ABB, Singapore	13.8KV,6.6KV,440V	Cosco Shipyard Dalian China	Commissioning of 13.8kV,6.6kV Switchboard
6	BANYU URIP (CEPU) PROJECT - EPC1	END USER : MOBILE CEPU LIMITED ( MCL) MAIN CONTRACTOR : PT. TRIPATRA Engineers And Constructors	PTABB SAKTI ( ABB)	33/11KV	Perlintasan Kereta api (railway crossing) EPC 1 Tripatra. Jalan Raya Bojonegoro – Cepu, Desa Sudu , Kec Kalitidu, Bojonegoro, Jatim. Hint	Voltech engineer , will be representing ABB for the MV Switchgear for the scope of Installation Supervision for Substation Tag Names : PB-18, PB-19, PB-24 , PB-32 and PB-34 and Testing & Pre-commissioning activity Supervision.
7	TEN Tullow Ehouse Module project	PT. WASCO ENGINEERING INDONESIA	ABB, Singapore	415V Panels	PT. WASCO ENGINEERING INDONESIA HYUNDAI CITRA AREA JALAN BRIGJEN KATAMSO KM 5 Tanjung UNCANG 29424 BATAM - INDONESIA	a. Battery Charger: Installation supervision, Commissioning, startup, hand over & OT (operation test) b. NGR: Installation supervision, Commissioning, startup, hand over & OT c. Capacitor Bank: : Installation supervision, startup, hand over & OT d. DTP panel: : Installation supervision, Commissioning, startup, hand over & OT e. GIS panels: : Installation supervision, Commissioning, startup, hand over & OT
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8	Tan Burrup Project Site	Tecnicas Reunidas S. S. (Australia Branch) Level 26, 44st St George Terrace, Perth,6000, Australia Karratha, WA.	ABB, Singapore	LT Panels	Australia Karratha, WA.	technician to assist my engineer to clear electrical related punch list at our customer plant in Australia Karratha, WA.
9	Kraken Project - McPEC Site	McPEC Marine & Offshore Engineering Pte Ltd 11 Tuas South Ave 5 SINGAPORE 637361	ABB, Singapore	6.6KV Substation	Singapore	Testing and commissioning
10	Jambi Project	Mill Perawang, Land Mark : Sumatra Island	ABB, Singapore	6.6 KV Substation	Singapore	8 Tissue Machines & Stock Preparation & Sub Station
11	EI Angola Job project	McPEC Marine & Offshore Engineering Pte Ltd 11 Tuas South Ave 5 SINGAPORE 637361	ABB, Singapore	33/415V	Singapore	Testing & commissioning of LV, MV SWGRs, bus-ducts & transformers on cast resin bus-duct.
12	Ogan Komering Ilir (OKI) Project	Asia Pulp and Paper	ABB, Singapore	33KV	Jadi Mulya, sub-district of Air Sugihan, in Ogan Komering Ilir (OKI) district in South Sumatra Province	33kv GIS, 6kVAIS, LV & MV Motor, Transformers, LV & MV drives, LV MCC, cables, cable trays

ONGC						
Alstom Grid, Singapore						
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1	Singapore LNG Terminal 66kV/6.6kV/LV electrical package	Singapore LNG	Alstom Grid, Singapore	66kV/6.6kV/LV	Singapore	Testing and commissioning
ABB, Singapore						
1	PNG-LNG project in Papua New Guinea - ABB	PNG- LNG - ABB UNDER CB&I	ABB, Singapore KENZS(COMMISSIONING)	6.6kV HV 420 v LV swgrs	Papua New Guinea	Trouble shooting & commissioning coordinate
2	TEN Tullow Ehouse Module project	PT. WASCO ENGINEERING INDONESIA	ABB, Singapore	415V Panels	Batam, Indonesia	a. Battery Charger: Installation supervision, Commissioning, startup, hand over & OT (operation test) b. NGR: Installation supervision, Commissioning, startup, hand over & OT c. Capacitor Bank: : Installation supervision, startup, hand over & OT d. DTP panel: : Installation supervision, Commissioning, startup, hand over & OT
Thailand						
1	Gulf Noeng Sang Project-1,600MW (GTCC) power generation plant	Gulf JP power	Alstom grid Singapore	500KV AIS	Ayyuthaya,Thailand	Site Erection and Commissioning coordination activities for 500KV Switchyard System
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2	Gulf U-Thai Project-1,600MW (GTCC) power generation plant	Gulf JP power	Alstom grid Singapore	500KV AIS	Ayyuthaya,Thailand	FAT for CRP panels and Commissioning coordination activities for 500KV Switchyard System
3	Thai Carbon Black -14 MW Power Plant	Aditya Birla-thailand	TDPS Limited-Bangalore	0.415-33KV Switchgear	Thailand	Testing and Commissioning of Electrical Equipments
4	9.9MW Biomass Power Plant Buasommai	-	Siemens Limited-India	0.415-33KV Switchgear	Thailand	Testing and Commissioning of Electrical Equipments
Vietnam						
Tuaspring 70MGD Desalination Plant 66kV/22kV/6.6kV/LV electrical & drives systems- Hyflux			Hyflux	66kV/22kV/6.6kV/LV	Jurong Island, Singapore	
5	Haiten Cement Plant	Haiten Cement Plant	Alstom grid Singapore	110/6.6KV AIS	Haiten,Vietnam	Testing and Commissioning of Electrical Equipments
6	2*300 MW TPP	-	Alstom grid Singapore	220KV AIS	Vietnam	Testing and Commissioning of Station electrical and BOP system of 2X300MW TPP and 220kV Outdoor switchyard commissioning co ordination. Overall stability and short

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<b>Philippines</b>						
Thai Gulf Nong Saeng Project site at Thailand		MHI Power Systems Project Thailand Co. Ltd.		Thailand		
7	Agus -2 site Minddano Project	-	Alstom grid-Singapore	11kV	Philippines	Testing and commissioning of Panels & Protection relays
8	12MW Biomass Based Power Plant at GIFT	-	Areva Renewable Energy- Chennai	0.415-33KV Switchgear	Philippines	Calibration Of Instrumentation devices
9	LSRP1 - Luzon Sub station Reliability Project 1 (Botolan,San Esteban.and Labo)	National Grid Corporation of the Philippines - NGCP	PT ALSTOM GRID Transline power	115/69kV	Philippines Labo - Naga Airport San Esteban - Laoag Airport Botolan - Manila Airport	Erection and Co-ordinate testing
10	MSRP1 site(Jasaan, Maramag – Kibawe sites)	National Grid Corporation of the Philippines - NGCP	PT ALSTOM GRID	115/69kV	Philippines (Cagayan De Oro)	Erection and Co-ordinate testing
<b>China</b>						
33 KV Hlawga Site at Myanmar (88T Myanmar Project) Power plant project		IGE Co. Ltd, Ministry of Electric Power Enterprises		33kV	Myanmar	
9	Dalian Project site	-	ABB -Singapore	-	Dalian,China	Testing of Numerical relays
10	110/22KV substation	CEM	Alstom Grid -Singapore	110KV GIS	Macau,china	Testing of Power transformer,22KV switchgear, functional test for 110&22KV system
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<b>Myanmar</b>						
11	33kV Hlawga -88T Power plant Project	IGE Co. Ltd, Ministry of Electric Power Enterprises	Alstom Grid -Singapore	33kv Switchgear	Mynamar	Testing and Commissioning of 33KV and Auxiliaries System
<b>Papua New Guinea</b>						
12	PNG-LNG project in Papua New Guinea - ABB	PNG- LNG - ABB UNDER CB&I	ABB, Singapore KENZS(COMMISSIONING)	6.6kv HV 420 V LV swgrs	Komo, Papua New Guinea PNG LNG PROJECT-EPC4 HIDES GAS CONDITIONING PLANT AND WELLPADS PAPUA NEW GUINEA	Trouble shooting & commissioning coordinate
<b>Australia</b>						
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