

PROJECT REFERENCE LIST

1. Turnkey Construction of the 33kV Self Owned Substation and Transmission Line

Client: FDK Lanka (Pvt) Limited
Date of Commence: March 2000
Date of Completion: December 2000
Scope of Work: Design, Erection, Testing and commissioning inclusive of the civil works of 2MVA and 2.5MVA substations connected on a 33kV Line with 05 Nos of 33kV Load Break Switches and complete LT Panels.

2. Augmentation of Kotugoda GSS - Second Power System Expansion Project (SPSEP)

Client: CEB/ SIEMENS AG
Date of Commence: May 2000
Date of Completion: March 2001
Scope of Work:

- Handled the erection and commissioning work on turnkey basis. Two additional 132kV Feeder Bays with Metering Protection and control equipment together with necessary wiring and associated works including replacement of 132kV bus coupler bay were erected and commissioned.
- Cable laying works of LVAC Panel and DC Panels. Job was made practically complex through the non-availability of the past blue prints of the cable trenches in the GSS.
- Civil and Electrical works for providing 132kV post insulators for Veyangoda 132kV line 1 and line 2.

3. Defect Liability Period – SPSEP

Client: SIEMENS AG
Date of Commence: March 2001
Date of Completion: December 2002
Scope of Work: Handled the Defects Liability Period of the SIEMENS SPSEP. In addition, our team of engineers along with the technicians and electricians attended to all Punch List and DLP Points at the 12 Grid Substations Island wide.

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4. Commissioning of 33kV Capacitor Banks

Client: MR PQM/ CEB
Date of Commence: February 2001
Date of Completion: March 2001
Scope of Work: Together with MR PQM specialists in commissioning 05 capacitor banks of 90MVARs at five (Panadura, Puttalam, Kurunegala, Kiribathkubura, Habarana) of the GSS.

5. Turnkey Project for Design of Civil and Electrical Works Inclusive of Erection, Commissioning and Testing Circuit Breaker and Capacitor Banks in 05 GSSs.

Client: SIEMENS AG
Date of Commence: June 2001
Date of Completion: June 2002
Scope of Work: A turnkey job on the replacement of the 72.5 kV SF₆ Breakers at five of the GSS (Panadura, Puttalam, Kurunegala, Kiribathkubura, Habarana) inclusive of Design, Civil, Erection, Testing and commissioning of BSC bays in the GSS.

6. Power Expansion project

Client: Elastomeric Technologies - Piliyandala
Date of Commence: April 2003
Date of Completion: April 2003
Scope of Work: Installation of 33kV GIS indoor panel, 33kV/600V 1.5MVA, ONAN transformer, Laying of 33kV, 3C/185Sqmm/XLPE/SWA cable, termination for the above cable and testing of the above complete system.

7. 33kV Underground Cable for Admin Transformer Yard

Client: Sri Lanka Airlines Limited-Katunayake
Date of Commence: March 2004
Date of Completion: May 2004

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Scope of Work: A turnkey job for supply, erection and testing of the 33kV underground cable including supply of necessary termination kit and erection the same, from CEB metering point to client transformer yard.

8. Laying of Underground Cable in Trincomalee

Client: Ceylon Electricity Board
Date of Commence: December 2003
Date of Completion: January 2004
Scope of Work: Laying of 33kV, 3C/185Sqmm/XLPE/SWA underground cable

9. Power Expansion Project

Client: Holcim Lanka (Pvt) Ltd – Galle
Date of Commence: August 2003
Date of Completion: December 2003
Scope of Work: A turnkey job for supply, erection and testing of new 33kV AIS panel including supply of necessary spare parts, rectification of 3 Nos of existing 33kV AIS panel.

10. Rectification work

Client: Holcim Lanka (Pvt) Ltd – Puttalam
Date of Commence: December 2003
Date of Completion: December 2003
Scope of Work: Testing of the 6nos 33kV GIS panel, annual maintenance of GIS panel.

11. Augmentation of Primary substation G Project

Client: Ceylon Electricity Board/Siemens
Date of Commence: January 2004
Date of Completion: January 2005
Scope of Work: Design, Erection, Testing and commissioning of following equipment including all civil work;

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- 1no of 33/11kV ,16MVA transformer including OLTC and RTCC panel
- 1 no of 33kV SF6 indoor panel
- 6 nos of 11kV VCB indoor panel
- 1 no of 11kV NGR
- Protection, metering and control panel
- 33kV and 11kV power cable
- DC battery bank and charger

12. Power Expansion Project

Client: Voice of America Center/United Tractors
Date of Commence: September 2004
Date of Completion: November 2004
Scope of Work:

- Supply, erection and testing of new 11kV underground cable including termination
- Erection of 11kV HT panel

13. Construction of 132kV Transmission Line - Embilipitiya

Client: Ace Power Embilipitiya (Pvt) Ltd
Date of Commence: May 2004
Date of Completion: December 2004
Scope of Work: A turnkey project for design, supply, erection, stringing and testing of 1.6km long 132kV DC Lynx transmission line including OPGW.

14. Supply and Installation of LT Capacitor Bank - Holcim, Galle

Client: Holcim Lanka LTD - Galle
Date of Commence: April 2005
Date of Completion: June 2005
Scope of Work: Design, Supply, Installation and commissioning of 550kVar capacitor bank.

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15. Airport Expansion Project - Package C

Client:	Senok/AMS -Italy/AASL
Date of Commence:	July 2004
Date of Completion:	November 2005
Scope of Work:	A turnkey project for design, Supply, Erection and Testing of; <ul style="list-style-type: none">• 11kV/400V 250kVA transformer• 11kV SF6 type ring main unit• 11kV power cable

16. New Factory for Pyramid Lanka - Muthurajawella

Client:	Pyramid Lanka (Pvt) Ltd
Date of Commence:	June 2004
Date of Completion:	January 2005
Scope of Work:	Design, Supply, Erection and Testing of; <ul style="list-style-type: none">• 33kV/400V 2000kVA transformer• 33kV HT (AIS with VCB) panel• 33kV cable and termination• All LT panel and all LT cabling work

17. Blue Sky Project

Client:	Holcim Lanka - Puttalam works
Date of Commence:	September 2004
Date of Completion:	March 2005
Scope of Work:	Erection and Testing of; <ul style="list-style-type: none">• 3.3kV/400V 700VA transformers• 400kW and 7.5kW VSD panel installation• Modification 3.3kV HT (AIS with VCB) panel as bus coupler panel• 33kV GIS panel testing• All instrumentation works• 3.3kV cable laying and termination• All LT panel and all power and control cabling work

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18. Ambathale Intake Project

Client: National Water Supply and Drainage Board (NSW&DB)
Date of Commence: January 2005
Date of Completion: July 2005
Scope of Work: Design, Supply, Erection and Testing of;

- 11kV Siemens AIS panel – 10 Nos
- 11kV cable supply and termination
- 48V DC, 50Ah NiCd battery and float cum boost battery charger
- Other related works to above

19. Greater Colombo Grid Substation Project- Erection of T-Off Tower at Jayawardhanapura Grid Substation

Client: ABB Utilities GmbH/ CEB
Date of Commence: July 2005
Date of Completion: November 2005
Scope of Work: Erection of

- 132kV T-off tower
- 132kV post insulator and surge arrester

20. Greater Colombo Grid substation project - Erection and testing of 132kV/33kV 31.5MVA transformers at Dehiwala, Havelock town, Maradana and Jayawardhanapura Grid Substation

Client: ABB Utilities GmbH/ CEB
Date of Commence: May 2005
Date of Completion: August 2005
Scope of Work: Erection and testing of;

- 132kV/33kV 31.5MVA transformers - 8nos

21. Supply and Installation of LT Capacitor Bank – Haycarb Ltd

Client: Haycarb Ltd
Date of Commence: June 2004
Date of Completion: August 2004
Scope of Work: Design, Supply, Installation and commissioning of 300kVar capacitor bank.

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22. 33kV Switchgear Modification

Client:	Ansell Lanka (Pvt) Ltd
Date of Commence:	December 2004
Date of Completion:	April 2005
Scope of Work:	Supply, Erection and Testing of; <ul style="list-style-type: none">• Siemens Germany make SJ62 relay• 33kV CTT• maintenance of 33kV switchgear make Siemens AG 8DA10

23. Roller Press Project

Client:	Holcim Lanka (Pvt) Ltd- Puttalam Plant
Date of Commence:	February 2005
Date of Completion:	October 2005
Scope of Work:	Supply, Erection and Testing of; <ul style="list-style-type: none">• 11kV Siemens 8BK80 panels - 4nos• 11kV/400V, 2.5MVA transformer• 100Ah Battery charger and battery bank• Laying and termination of 3.3kV, 3C/240sq.mm cable

24. Gurugoda Oya Mini - Hydro Power Plant Project

Client:	Gugler Hydro Energy GmbH - Austria
Date of Commence:	November 2005
Date of Completion:	September 2006
Scope of Work:	Design, Supply, Erection, Testing and Commissioning of <ul style="list-style-type: none">• complete 33kV switchyard• Indoor VCB Switchgear for 33kV• Indoor VCB Switchgear for 3.3kV• 24V DC, 150Ah Lead Acid battery and float cum boost battery charger• Erection and testing of 33kV/3.3kV transformer and 33kV/400V• Erection and testing of LT panel• Other related work of all LT and HT

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25. Elie House – NWS&DB Project

Client:	National Water Supply and Drainage Board (NSW&DB)
Date of Commence:	December 2005
Date of Completion:	August 2006
Scope of Work:	Design supply, erection, testing and commissioning of; <ul style="list-style-type: none">• 11kV Siemens AIS panel – 6 Nos• 11kV cable supply and termination and the related works• 48V DC, 50Ah NiCd battery and float cum boost battery charger

26. Supply and Installation of LT Capacitor Bank – EMP Ltd

Client:	Electro Metal Pressing Ltd
Scope of Work:	Design, Supply, Installation and commissioning of 800kVar capacitor bank

27. Expansion Works - Holcim, Galle

Client:	Holcim (Pvt) Ltd, Galle
Scope of Work:	33kV Indoor VCB panel modification, transformer installation and cabling etc.

28. Kuda Oya Mini-Hydro Power Plant Project

Client:	Gugler Hydro Energy GmbH – Austria
Date of Commence:	June 2005
Date of Completion:	June 2006
Scope of Work:	Supply, Erection and Testing of; <ul style="list-style-type: none">• Complete 33KV switchyard including OVCB, CTT, PTT, Isolators, DDLOs etc.• 48V DC, 50Ah NiCd battery and float cum boost battery charger• 3000KVA, 33KV/400V transformer• 5000A LT panel including 4000A Siemens ACB• Other related work of all LT and HT

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29. Greater Colombo Grid Substation Project - Augmentation of Pannipitiya GSS

Client:	ABB Utilities GmbH/ CEB
Date of Commence:	May 2005
Date of Completion:	July 2006
Scope of Work:	Erection of; <ul style="list-style-type: none">• 132kV line bay including CB, CT, PT, isolator etc.• 132kV relay and control panel• Fiber optic communication• Earthing and grounding• 132kV bus coupler• Other related work

30. Design, Supply and Installation of VSD Panel at Ambatale Treatment plant

Client:	National Water Supply and Drainage Board
Date of Commence:	May 2006
Date of Completion:	January 2007
Scope of Work:	Design, Supply, Installation, Testing and Commissioning of 560kW VSD panel including necessary power and control cabling, partitioning and Air Conditioning.

31. Design, Supply and Installation of LV panels at Holcim Cement - Galle

Client:	Holcim Lanka LTD
Date of Commence:	May 2006
Date of Completion:	February 2007
Scope of Work:	Design, supply and installation of LV panels comprising of following; <ol style="list-style-type: none">a. Main Distribution panel complete with 5000A ACB Incomer Panel, 2500A ACB Generator Panel, 2500A ACB Bus Coupler Panel and Outgoing Feeders.b. Motor Control Center Panel Comprising of 1600A, ACB panel.c. Lighting Distribution Panel.d. Related Cabling work.

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32. Supply, Installation, Testing and Commissioning of 3MVA 33kV/433V Transformer at Ruhunu Cement Plant

Client: Holcim Lanka LTD, Ruhunu Cement Plant - Galle
Date of Commence: July 2007
Date of Completion: December 2007
Scope of Work: Removing existing 3MVA Transformer.
Supply, Installation, Testing and Commissioning of New 3MVA 33kV/433V Transformer including;

- Oil Filtration
- HV, LV and Control Cable Termination

33. Augmentation of Airport Primary Substation at Bandaranaike International Airport, Katunayake.

Client: Airport and Aviation Services (Sri Lanka) Limited
Date of Commence: May 2008
Date of Completion: August 2008
Scope of Work: Removal of Existing 2nos of 5MVA 33/11kV Transformers.
Design, Manufacture, Supply, Installation, Testing and Commissioning of following;

- 2 nos of 10 MVA 33kV/11 V Transformer with MR Germany Make OLTC
- 2 nos 11kV Neutral Grounding Resistors
- 6 nos of 33kV Lightning Arrestor
- 11kV Cable Termination
- Control Cable Termination

34. Construction of Kerawalapitiya - Kotugoda Transmission Line Project - Lot B

Client: KEC International Ltd / Ceylon Electricity Board
Date of Commence: February 2007
Date of Completion: July 2008
Scope of Work: Construction of 18.5km long 220 kV double circuit three phase Transmission Line of;

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- Profile Survey and Design
- Soil Investigation works
- Design of Foundation
- Ground improvement, required for foundations
- Construction of Tower Foundations
- Duplex ACSR/AC Conductor
- One AC 7/3.25mm Aluminium Clad Steel Earth wire
- One OPGW including all necessary connectors, fittings and accessories
- Access road construction
- Testing and Commissioning

35. Construction of 2x10MVA 33/11kV Primary Substation at Periyamulla

Client: Ceylon Electricity Board
Date of Commence: March 2008
Date of Completion: July 2008
Scope of Works:

- Profile Survey and Design
- Soil Investigation works
- Design of Control Building
- Ground improvement, required for foundations
- Construction of Control Building
- Concrete works
- Structural work
- Metal work
- Tiling, Plastering and finishing
- Electrical works
- Substation Earthing systems
- Building lightning protection system
- ELV and EMP Services
- Roof work
- Approach road and landscaping
- Erection, Installation, Testing and Commissioning of 2x10MVA 33/11kV Transformer including the following;
 - ✓ 33kV and 11kV GIS Panels
 - ✓ 110V Battery and Battery Charger

PROJECT REFERENCE LIST

- ✓ 33kV and 11kV Cabling and Termination
- ✓ Substation Earthing
- ✓ Outdoor Gantry work
- ✓ Control Cabling and Termination

36. Power Sector Development Transmission Project Lot A - Erection of Deniyaya GSS

Client:	Siemens AO GmbH/ CEB
Date of Commence:	March 2008
Date of Completion:	October 2009
Scope of Work:	Erection of; <ul style="list-style-type: none">• 132kV Line Bays – 2 nos• 132kV Transformer bays – 2 nos• 132kV Bus Section Bay – 1 no• 31.5 MVA 132kV/33kV Transformers – 3 Nos• 33kV Indoor GIS Switchgears• Battery and Chargers System• 132kV Protection, Metering and Control Panels• Communication Equipment• Switchyard Lightning Protection System• Earthing and Auxiliary Transformers• 33 kV Gantries and related work• Power and Control Cabling and Termination

37. Construction of Tower Foundation and Erection contract for 33kV D/C Distribution LYNX Line from Polpithimukalana Grid Substation to Maeliya Gantry 3.7km

Client:	Ceylon Electricity Board
Date of Commence:	January 2009
Date of Completion:	June 2009
Scope of Work:	<ul style="list-style-type: none">• Profile Survey and Design• Soil Investigation works• Design of Foundation• Ground improvement, required for foundations• Construction of Tower Foundations• Erection of Towers.• Access Road Construction• Testing and Commissioning

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38. Construction of Tower Foundations and Erection of 32 Nos Towers for 33kV D/C Line from Katugastota Gantry to Gorakadeniya Gantry 7.5km

Client: Ceylon Electricity Board
Date of Commence: April 2009
Date of Completion: May 2010
Scope of Work:

- Profile Survey and Design
- Soil Investigation works
- Design of Foundation
- Ground improvement, required for foundations
- Construction of Tower Foundations
- Erection of Towers.
- Access Road Construction
- Testing and Commissioning

39. Construction of Tower Foundations and Erection of 36Nos Towers for 33kV D/C Line from Batticaloa to Valachchinai 10.5km

Client: Ceylon Electricity Board
Date of Commence: April 2009
Date of Completion: May 2010
Scope of Work:

- Profile Survey and Design
- Soil Investigation works
- Design of Foundation
- Ground improvement, required for foundations
- Construction of Tower Foundations
- Erection of Towers.
- Access Road Construction
- Testing and Commissioning

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40. Design, Supply and Installation of Distribution Substation for Meewathura Treatment Plant

Client:	MT Hojgaard A/S / National Water Supply & Drainage Board
Date of Commence:	May 2009
Date of Completion:	September 2009
Scope of Work:	<ul style="list-style-type: none">• Installation, Testing and Commissioning of 1000kVA, 33kV/400V Transformer.• Supply and Installation of RC Pole Arrangement with Accessories.• Supply and Installation of LBS• Supply and Installation of 33kV DDLO• Outdoor Bus Bar arrangement and Earthing works

41. Construction of 28km, Lynx Conductor 33kv Double Circuit Tower Line from Ambalangoda Grid Substation to Thalgaswala Gantry

Client:	Ceylon Electricity Board
Date of Commence:	June 2009
Date of Completion:	August 2010
Scope of Work:	<ul style="list-style-type: none">• Profile Survey and Design• Soil Investigation works• Design of Foundation• Ground improvement, required for foundations• Construction of Tower Foundations• Erection of Steel Towers• Stringing of conductors and earth wire• Access Road Construction• Testing and Commissioning

42. Construction of two storied Mount Royal Hotel - Hantana

Client:	Royal Garden Holiday Resort (Pvt) Ltd
Date of Commence:	12 th October 2009
Date of Completion:	07 th October 2010
Scope of Works:	Construction of Luxury Hotel building comprising, <ul style="list-style-type: none">▪ Concrete works▪ Structural work▪ Metal work

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- Tiling, Plastering and finishing
- Electrical and Plumbing works
- Roof work
- Approaching roads and landscaping

43. Seguwantivu Wind Power Project

Client:	Seguwantivu Wind Power (Pvt) Limited
Date of Commence:	November 2009
Date of Completion:	May 2010
Scope of Work:	<ul style="list-style-type: none">• Design and Supply of 33kV Air Insulated Switchgear Panel with 33kV Vacuum Circuit Breaker-01 Unit• Supply of Load Break Switches-12 Nos

44. Vidatamunai Wind Power Project

Client:	Vidatamunai Wind Power (Pvt) Limited
Date of Commence:	November 2009
Date of Completion:	May 2010
Scope of Work:	<ul style="list-style-type: none">• Design and Supply of 33kV Air Insulated Switchgear Panel with 33kV Vacuum Circuit Breaker-01 Unit• Supply of Load Break Switches-13 Nos

45. Construction of Tower Foundations and Erection of 15nos Towers for 33kV D/C Lynx Line from Aniyakanda G/S to Kopiyawatta Gantry

Client:	Ceylon Electricity Board
Date of Commence:	February 2010
Date of Completion:	December 2010
Scope of Work:	<ul style="list-style-type: none">• Profile Survey and Design• Soil Investigation works• Design of Foundation• Ground improvement, required for foundations• Construction of Tower Foundations• Erection of Towers.• Access Road Construction• Testing and Commissioning

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46. Construction of 33kV LYNX Conductor Double Circuit Single Earth 25km Tower Line from Hambantota Grid Substation to Proposed Tissamaharama Gantry

Client:	Ceylon Electricity Board
Date of Commence:	October 2010
Date of Completion:	August 2013
Scope of Work:	<ul style="list-style-type: none">• Profile Survey and Design• Soil Investigation works• Design of Foundation• Ground improvement, required for foundations• Construction of Tower Foundations• Design of Steel Tower• Erection of Steel Towers• Stringing of conductors and earth wire• Access Road Construction• Testing and Commissioning

47. 2.5 MW Branford Mini Hydro Power project

Client:	Branford Hydropower (Pvt) Limited
Date of Commence:	November 2010
Date of Completion:	April 2012
Scope of Work:	Design, Supply, Installation Testing and Commissioning of; <ul style="list-style-type: none">• 1.7 MVA 33kV/415V Oil Immersed Transformer with Conservator Tank-02 Nos.• 33kV 400A OVCB-01 No.• 33kV Outdoor CTs- 03 Nos• 33kV Outdoor VTs-03 Nos.• 33kV DDLOs-09 Nos.• 33kV Surge Arrestors-9 Nos.• Metering and Protection Panel for 33kV OVCB-01 No.• 2500A Indoor ACB Panel with Metering and Protection Panel-02 Nos.• Low Voltage Switchboard-01 No.• Boost cum Trickle Battery and Battery Charger-01 No.• Galvanized Steel Structures for Outdoor CTs and VTs• RC Pole Arrangement for the Installation of DDLOs and Surge Arrestors• Conductors, Connectors and Clamps

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- Earthing of Equipment
- Laying of cables

48. Kirkoswald Mini Hydro Power project

Client:	BOGO Power (Pvt) Limited
Date of Commence:	October 2010
Date of Completion:	December 2011
Scope of Work:	Design, Supply, Installation, Testing and Commissioning of; <ul style="list-style-type: none">• 1.8MVA, 33kV/415V Oil Immersed transformer with Conservator Tank-03 Nos.• 100kVA Auxiliary Transformer• 33kV 400A OVCB-01 No.• 33kV Outdoor CTs- 03 Nos.• 33kV Outdoor VTs-03 Nos.• 33kV Isolators• 33kV DDLOs-12 Nos.• 33kV Surge Arrestors-12 Nos.• Metering and Protection Panel for 33kV OVCB-01 No.• 2500A Indoor ACB Panel with metering and protection panel-03nos.• Low Voltage Switchboard - 01 No.• Boost cum Trickle Battery and Battery Charger-01 No.• Galvanized Steel Structures for Outdoor CTs, VTs and Isolators• RC Pole Arrangement for the Installation of DDLOs and surge Arrestors• Conductors, Connectors and Clamps• Earthing of Equipment• Laying of cables

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49. Construction of Foundation for 33kV LYNX Conductor Double Circuit Single Earth 9km Tower Line from Beliatta GSS to Proposed Tangalle Gantry

Client: Ceylon Electricity Board
Date of Commence: November 2011
Date of Completion: April 2013
Scope of Work:

- Profile Survey and Design
- Soil Investigation works
- Design of Foundation
- Ground improvement, required for foundations
- Construction of Tower Foundations
- Erection of Steel Towers
- Stringing of conductors and earth wire
- Access Road Construction
- Testing and Commissioning

50. Musalpitiya Wind Power Project - 10MW (2MWx5) Wind Power Plant

Client: Musalpitti Wind Power (Pvt) Limited
Date of Commence: December 2011
Date of Completion: March 2014
Scope of Work:

- Conducting feasibility study
- Designing of Wind Power Park according to land availability.
- Obtaining all government and regulatory approvals for entire project
- Land acquisition

51. Construction of 33kV Double Circuit Tower Line from Hambantota Grid Substation to New Airport Mattala Package B - from Pahalaandarawewa to Ketanwewa (4.5km)

Client: Ceylon Electricity Board
Date of Commence: February 2012
Date of Completion: May 2012

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52. Construction of two storied Holiday Resort at Kalpitiya.

Client:	Mr.M.I.M. Sakariya
Date of Commence:	20 th May 2012
Date of Completion:	04 th May 2013
Scope of Works:	Construction of Luxury Resort building comprising, <ul style="list-style-type: none">• Piling works• Concrete works• Structural work• Metal work• Tilling, Plastering and finishing• Electrical and Plumbing works• Roof work• Approaching roads and landscaping

53.3MW Ambewela Wind Power Project

Client:	ACE Power Pvt Ltd
Date of Commence:	February 2012
Date of Completion:	August 2012
Scope of Work:	Design, Supply, Installation Testing and Commissioning of; <ul style="list-style-type: none">• 315kVA 33kV/415V Transformers – 12 Nos• 33kV 400A OVCB-01 No.• 33kV Outdoor CTs- 03 Nos• 33kV Outdoor VTs-03 Nos.• 33kV LBS -09 Nos.• 33kV Surge Arrestors- 42 Nos.• Metering and Protection Panel for 33kV OVCB - 01 No.• Low Voltage Switchboard-01 No.• Boost cum trickle battery and battery charger - 01 No.• Galvanized Steel Structures for outdoor CTs and VTs• RC Pole Arrangement for the Installation of LBS and Surge Arrestors• Conductors, Connectors and Clamps• Earthing of Equipment• Laying of cables• 33kV Pole mounted Internal Distribution Line – 1.5km

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54. New Galle Power Transmission Development Project – LOT B

Client: KEC International Ltd / Ceylon Electricity Board
Date of Commence: April 2013
Date of Completion: August 2014
Scope of Work: Construction of 132kV double circuit, three phase 40km single Zebra (61/3.18mm) transmission line with one Optical fiber ground wire (OPGW) and one galvanized ground wire from Ambalangoda to Galle Grid Substation.

- Profile survey and design
- Soil investigation works
- Design of foundation
- Ground improvement, required for foundations
- Construction of tower foundations
- Erection of steel towers
- Stringing of conductors and earth wire
- Access road construction
- Testing and commissioning

55. Installation, Testing and commissioning of Electrical works for the Refinery Plant

Client: Pyramid Lanka (Pvt) Ltd
Date of Commence: June 2013
Date of Completion: November 2013

56. 2.5MW Bio Mass Power Plant at Ninthavur

Client: Bio Energy Solution Pvt Ltd
Date of Commence: June 2013
Date of Completion: December 2013
Scope of Work: Supply , Installation , Testing and Commissioning of 33kV Outdoor and Indoor switchgear panel including;

- 2500kVA 33kV/6.6kV transformer
- 1000kVA 6.6kV/415V transformer
- 33kV Load break switch

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- 33kV Switchgear panel
- 6.6kV Switchgear panel
- Transformer control and relay panel
- Supply of main LV distribution panel
- Cable laying, Termination (Power and Control) and Earthing

57. Installation of transformer and HV panels at Cinnamon Grand Hotel

Client: Cinnamon Grand Hotel
Date of Commence: February 2014
Date of Completion: June 2014
Scope of Work: Supply laying and termination of;

- 150sq.mm/3c 11kV main incoming cable
- Installation & termination of 11kV 4MV switchgear panel
- Installation & termination of 11kV/4MV power transformer
- Testing and commissioning

58. Design, Supply, Installation, Testing and Commissioning of an AVR Panel and Turbine Panel for Gal Oya Plantation Ltd at Higurana Sugar Factory

Client: Brown and Company PLC
Date of Commence: December 2013
Date of Completion: May 2015
Scope of Work: Supply laying and termination of;

- Supply and Installation of power turbine protection panel with 4000A, 4PACB
- Supply and Installation of AVR static excitation panel dual channel to supply field voltage 44Volts 340Amps DC
- Supply and Installation of boot cum trickle Battery and Battery Charger 24V, 50A, 65Ah maintenance free Lead Acid
- Supply and Laying of Control Cables

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59. Construction of 3nos of TSL and 2nos of MDH 33kV Tower foundations and Erection of Towers Dikwella - Beliatta

Client:	Ceylon Electricity Board
Date of Commence:	May 2014
Date of Completion:	July 2014
Scope of Work:	<ul style="list-style-type: none">• Profile Survey and Design• Soil Investigation works• Design of Foundation• Ground improvement, required for foundations• Construction of Tower Foundations• Stringing of conductors and earth wire• Access Road Construction• Testing and Commissioning

60. Clean Energy and Access Improvement Project, Package A- Lot1-Construction of National System Control Centre and Installation of SCADA/EMS Systems

Client:	Ceylon Electricity Board/ GE T&D India Limited and Grid Solutions SAS
Date of Commence:	October 2014
Date of Completion:	May 2018
Scope of Work:	

1. Construction of National System Control Centre

- Architectural and structural design of National System Control Centre Building
- Land development including gabion wall construction for canal path for the National System Control Centre Building project.
- Construction of National System Control Centre Building with pile foundations.
- Construction of building including
- Concrete works
- Structural work
- Metal work
- Tiling, Plastering and finishing
- Electrical works
- ELV and EMP Services
- Roof work
- Approaching road and landscaping

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2. Installation of SCADA/EMS Systems and Integration of Existing / New Power Stations and Substations

- Installation and configuration server systems in system Control Centre.
- Creating databases for all PS/SS.
- Integration of existing SAS/new RTUs system to the SCADA.
- Installation of new RTUs for PS/SS above SAS systems are not available.
- Fine tune the EMS systems as per CEB requirements.
- Testing and commissioning of all power stations and substations followed by a point to point test.

61. Construction of Maliyadda 900kW Mini Hydro Power Plant at Rupaha

Client:	Biomed Hydro Power Pvt Ltd
Date of Commence:	December 2013
Date of Completion:	May 2018
Scope of work:	Design, Supply and Construction of; <ul style="list-style-type: none">• Intake, Weir, Channel and Fore bay tank• Penstock Anchor and Erection• Power House and Tailrace
	Design, Supply and installation of; <ul style="list-style-type: none">• Turbine, Generator and Related Accessories• 1250kVA 33kV/0.4kV oil immersed distribution transformer with off load tap changer• 33kV 100A pole mounted SF6 type/ isolator• 33kV 10kA distribution class surge arrestor• 400V indoor switch gear system with control and protection• ACDB and DCDB• HV, LV cables and cable trays• Testing and Commissioning

PROJECT REFERENCE LIST

62. Construction of Three reception halls and gymnasium at garden No.350, Madampitiya, Colombo 05.

Client:	Colombo Municipal Council
Date of Commence:	January 2015
Date of Completion:	September 2018
Scope of work:	Construction of a two storied building for a Reception hall and Gymnasium, including landscaping and boundary wall for playground for department of CMC.

63. Construction of Western Dispensary at Wellawatte- Colombo 06.

Client:	Colombo Municipal Council (Municipal Engineering Department)
Date of Commence:	14 th January 2015
Date of Completion:	Ongoing
Scope of work:	<ul style="list-style-type: none">• Demolishing and removing of existing old building of the premises.• Ground soil improvement done for strip foundation designs.• Building construction involving the concrete frame structure and following;<ul style="list-style-type: none">✓ Hard wood timber frame structure with colourcon tile covering✓ Floor, wall, ceiling finishes works✓ Metal cladding works✓ Joinery and Aluminum works✓ EMP works with Drainage system✓ Landscaping works

64. Construction of 2Nos, Grade IV Quarters for Doctors of MOH Office and 1 No Grade IV Quarters for Ayurvedic Doctors in Laggala Town Centre Under Moragahakanda and Kaluganga Development Project

Client:	Mahaweli Authority of Sri Lanka
Date of Commence:	16 th January 2015
Date of Completion:	December 2016

PROJECT REFERENCE LIST

Scope of work:	Semi luxury type building construction comprising of concrete frame structure and following; <ul style="list-style-type: none">✓ Hard wood timber Structured roof with asbestos roof cover.✓ Floor, wall, ceiling finishing works Metal cladding works✓ Joinery and Aluminum works✓ EMP works with Drainage system Landscaping works
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65. Proposed Shopping complex at Bulathsinghala

Client:	Bulathsinghala Pradeshiyasaba
Date of Commence:	29 th September 2015
Date of Completion:	29 th February 2016
Scope of work:	Constructions of proposed shopping complex comprising of; <ul style="list-style-type: none">• concrete framed structure• Metal work• Tilling, plastering and painting• Electrical work• Roof work• Approaching road and Landscaping.

66. Construction of Three Storied Building for Playground Department at Kammalwatta, Colombo 10. (Maligakanda Community Center)

Client:	Colombo Municipal Council (Municipal Engineering Department)
Date of Commence:	21 st December 2015
Date of Completion:	Ongoing
Scope of work:	<ul style="list-style-type: none">• Demolishing and removing of existing old building at the premises.• Ground soil improvement work for strip foundation designs.• Building construction involving concrete frame structure and following;

PROJECT REFERENCE LIST

- ✓ Hard wood timber frame structure with colourcon tile covering
- ✓ Floor, wall, ceiling finishes works
- ✓ Metal cladding works
- ✓ Joinery and Aluminum works
- ✓ EMP works with Drainage system
- ✓ Landscaping works

67. Construction of Foundations of 33kV Double Circuit Tower Line from Chilaw to Thimbilla (3.3km)

Client: Ceylon Electricity Board

Date of Commence: January 2015

Date of Completion: January 2016

Scope of Work:

- Profile Survey and Pegging
- Access Road Construction
- Soil Investigation works
- Ground improvement, required for foundations
- Construction of Tower Foundations

68. Construction of Foundations of 33kV Double Circuit Tower Line from Polonnaruwa to Kaduruwela (Section from Polonnaruwa GSS to 2 - Ela (Length 1.8km))

Client: Ceylon Electricity Board

Date of Commence: 11th February 2015

Date of Completion: 07th January 2016

Scope of Work:

- Profile Survey and Pegging
- Access Road Construction
- Soil Investigation works
- Ground improvement, required for foundations
- Construction of Tower Foundations

PROJECT REFERENCE LIST

69. Construction of Bridge No 1164, Akuressa-Beruwala Bridge in Kaluthara District (24m Span)

Client: Foresight Engineering (Pvt) Ltd

Date of Commence: 18th May 2015

Date of Completion: 21st December 2016

Scope of Work:

- Replacement of the sub structure of an existing steel “I” beam bridge and construction of temporary bridge to remain open to the public.
- Abutment constructions done with precast pile foundation and separate wing walls as protection walls with construction at both ends.
- Pre-fabricated steel grid to be insulated with steel decking and handrails.
- To complete this construction the pavement approaches to be raised to merge with existing road and right of way path of the bridge to be completed with concreting.

70. Moragahakanda Reservoir Headworks - Construction of 33kV, 14km Double Circuit Transmission Line from Moragahakanda to Naula GSS

Client: Sinohydro Corporation Limited / Mahaweli Authority/ Ceylon Electricity Board

Date of Commence: August 2015

Date of Completion: February 2017

Scope of Work:

- Profile Survey and Design
- Soil Investigation works
- Access Road Construction
- Construction of Tower Foundations
- Erection of Steel Towers
- Stringing of conductors and earth wire
- Testing and Commissioning

PROJECT REFERENCE LIST

71. Construction of Angulana Primary Substation

Client:	Ceylon Electricity Board
Date of Commence:	September 2015
Date of Completion:	April 2017
Scope of Work:	Construction of three storied Control Building including; <ul style="list-style-type: none">▪ Soil Improvement▪ Foundation Works▪ Concrete works related to substructure and superstructure▪ Block works▪ Aluminium and Metal works▪ Tiling, Plastering and finishing▪ Sanitary fittings, Plumbing and Drainage works▪ Indoor and Outdoor Electrical works▪ Substation Earthing systems▪ Building lightning protection system▪ Other structures and systems necessary for operation of the substations▪ Roof work▪ Construction of Transformer and auxiliary equipment foundation including necessary cable trenches▪ Approach road, Internal Road and landscaping▪ Substation Fencing and Gate

72. Design, Supply, Installation, Test and Commissioning of HT Panel for Department of Census and Statistics

Client:	Department of Census and Statistics
Date of Commence:	September 2015
Date of Completion:	December 2016
Scope of Work:	Design, Supply, Installation, testing and commissioning of 2nos 11kV switchgear panel, battery bank and cable installation and termination.

PROJECT REFERENCE LIST

73. Uma Oya Multipurpose Development Project - Construction of 132kV Randeniya Substation

Client:	Farab Water and Energy / Mahaweli Authority/ Ceylon Electricity Board
Date of Commence:	September 2016
Date of Completion:	Ongoing
Scope of Work:	Design, Supply, Installation, Testing and commissioning of 132kV Substation consisting of; <ul style="list-style-type: none">✓ 2 Nos of 132kV Outdoor Line Bays✓ 2 Nos of 132kV Outdoor Generator Bays✓ 1 Nos Outdoor Bus Section Bays✓ Control, Measuring and Protection System for the above bays✓ Auxiliary AC and DC Systems✓ Cabling works Design and Construction of all the Substation structures and building services for the Substation consisting of; <ul style="list-style-type: none">✓ Control building✓ Service and technical buildings✓ Landscaping✓ Access roads Design and Construction of all the Switch Yard structures and required ground improvements for; <ul style="list-style-type: none">✓ Switchgear foundations✓ Gantry foundations✓ Ground Earthing

74. Design, Supply, Installation, Testing and Commissioning of Feeder Protection Panel for Moragahakanda Power House under Moragahakanda Reservoir Headworks Project

Client:	Sinohydro Cooperation Limited
Date of Commence:	February 2018
Date of Completion:	May 2018
Scope of Work:	<ul style="list-style-type: none">• Design and supply of protection panel for four generating units.• Supply, installation and testing of four nos of feeder protection relays.• Commissioning of total systems according to CEB guidelines.

PROJECT REFERENCE LIST

75. Supply and Installation of Outdoor Lights at Moragahakanda

Client: Sinohydro Cooperation Limited/Mahaweli Authority

Date of Commence: June 2018

Date of Completion: September 2018

Scope of Work:

- Delivery of Outdoor Lights and related Accessories.
- Street lamp foundation excavation, concrete works, ground Earthing and anchor installation and construction, excavation and backfilling between lamp etc.
- Installation, testing and commissioning of the lighting lamps, lamp posts, cables, cable lines, etc. and related ancillary equipment.

76. Supply and Installation of Protection Relay at Moragahakanda

Client :Sinohydro Cooperation Limited/Mahaweli Authority

Date of Commence : November 2018

Date of Completion : Ongoing

Scope of Work :Design ,Supply, Installation, Testing & commissioning of Interriping scheme between Moragahakanda power station and Naula Grid substation