

These **select**, recent project references are for **turnkey**, DC and AC power systems sold involving applications engineering, technical drawing & document preparation, manufacturing, testing and contract management, undertaken by **Staticon Ltd.** as the principal manufacturer and supplier of **complete** power systems solutions.

2012	Pine Falls GS	7.5 kVA 1 Phase Dual Inverter UPS Systems
Customer:	Manitoba Hydro.	Location: Pine Falls, Manitoba.
Application:	One, on-line 120 VAC backup dual inverter UPS for the critical loads of a hydroelectric generating station.	Equipment: Dual 7.5 kVA inverters, transfer switch, maintenance bypass switches.
Value:	C\$45,000.	Notes: 250 VDC input, parallel redundancy
2012	Gaston Power Plant	3 kVA 1 Phase AC UPS Systems
Customer:	Crim Sales Inc. for Alabama Power Co.	Location: Wilsonville, Alabama.
Application:	Three, on-line 120 VAC backup UPS systems for electronic, emergency exit signage.	Equipment: 3 kVA UPS each including rectifier, 100 Ah VRLA battery, inverter, transfer switch, maintenance bypass switch.
Value:	C\$54,600.	Notes: Custom-built UPS systems.
2012	Belleville North Solar Power Plant	2 kVA 1 Phase AC UPS Systems
Customer:	EPTCON Ltd. for Northern Power Inc.	Location: Belleville, Ontario.
Application:	Six, on-line 120 VAC backup UPS systems for essential switchgear loads of a solar power plant.	Equipment: 4 kVA UPS each including rectifier, 595 Ah VRLA battery, inverter, transfer switch, maintenance bypass switch.
Value:	C\$183,500.	Notes: Custom-built UPS systems.
2012	Iqaluit Main Power Station	50 kW Rectifiers and 15 kVA 1 Phase AC UPS Systems
Customer:	Qulliq Energy Corp.	Location: Iqaluit, Nunavut Territory.
Application:	Two on-line AC backup inverter UPS systems and two DC Backup rectifiers for the plant control and monitoring system of a thermal generating station.	Equipment: Two 15 kVA on-line inverter UPS systems each including an inverter, auto transfer, maintenance bypass and AC distribution modules. Two 125 VDC 400 A rectifiers.
Value:	C\$110,800.	Notes: Custom-built DC & AC power systems.
2012	Darlington Nuclear GS	4 kVA 1 Phase Inverter UPS Systems
Customer:	Invensys Systems Canada Inc.	Location: Bowmanville, Ontario.
Application:	Three, on-line 120 VAC backup inverter UPS systems for essential loads of a nuclear generating station.	Equipment: 4 kVA inverter, transfer switch, maintenance bypass switch.
Value:	C\$55,200.	Notes: 125 VDC input

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2012 GO Transit Train Lighting 125 V 25 A DC Power Systems

Customer: Custom Control Panels Inc. for GO Transit.

Location: Toronto, Ontario.

Application: Four, 125 VDC, rail-side, auxiliary power systems for the lighting of parked commuter trains.

Equipment: 15 A chargers, 10 year life 125 Ah VRLA batteries, battery and distribution breakers.

Value: C\$54,600.

Notes: Integrated, self-contained power systems..

2012 Limestone GS 12.5 kVA 1 Phase Dual Inverter UPS Systems

Customer: Manitoba Hydro.

Location: Limestone GS, Manitoba.

Application: Two, on-line 120 VAC backup inverter UPS systems for the critical loads of a hydroelectric generating station.

Equipment: Dual 12.5 kVA inverters, transfer switch, maintenance bypass switches.

Value: C\$43,000.

Notes: 125 VDC input, parallel redundancy

2012 Boleo Diesel Generating Station 15 kVA 1 Phase AC UPS Systems

Customer: MAN Diesel Canada Ltd.

Location: Santa Rosalia, Mexico.

Application: Two on-line 120 VAC backup UPS systems for the plant control and monitoring system of a diesel fueled generating station.

Equipment: Two 15 kVA on-line UPS systems each including a 150 A rectifier, 160 Ah NiCd battery, inverter, auto transfer, maintenance bypass, transformer and AC distribution module.

Value: C\$165,200.

Notes: Turnkey, custom-built AC power systems.

2012 Qakimajurq Diesel Power Station 24 V 50 A DC Power System

Customer: MAN Diesel Canada Ltd.

Location: Raglan Xstrata Nickel Mine, Quebec

Application: 24 VDC auxiliary power system for the critical controls and switchgear of a diesel fuelled generating station.

Equipment: Dual 50 A chargers, 25 year life 259 Ah VR NiCd batteries, DC distribution unit.

Value: C\$30,300.

Notes: Custom built DC power system.

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2011	Husky Sunrise Oil-Sands Plant	6 kVA 1 Phase AC UPS Systems
	Customer: Beldon Sales for Worley Parsons, Husky Oil, Sunrise oil-sands project.	Location: Fort McMurray region of northern Alberta.
	Application: Eight, on-line 120 VAC backup UPS systems for the critical loads of well pad substations and control centres.	Equipment: 75 A chargers, 20 year life 300 Ah VRLA batteries, 6 kVA inverters, transfer switches, bypass transformers.
	Value: C\$440,000.	Notes: 10 hour battery autonomy.

2011	West Kingston Power Station	125 V 25 A DC Power System
	Customer: K-Line International Ltd. for West Kingston Power Partners RKA.	Location: Kingston, Jamaica.
	Application: 125 VDC auxiliary power system for the critical control and switchgear loads of a 69 kV substation.	Equipment: 25 A charger, 25 year life 132 Ah VR NiCd battery, battery breaker and seismic rack.
	Value: C\$29,000.	Notes: Multi-load profile. Seismic battery rack.

2011	Grand Rapids GS	6 kVA 1 Phase Inverter UPS Systems
	Customer: Manitoba Hydro.	Location: Grand Rapids, Manitoba.
	Application: Two, on-line 120 VAC backup inverter UPS systems for the critical loads of a hydroelectric generating station.	Equipment: 6 kVA inverters, transfer switches, maintenance bypass switches.
	Value: C\$43,000.	Notes: 250 VDC input

2011	Edmonton LRT, Corona Station	10+3 kVA 1 Phase AC UPS Systems
	Customer: GE Canada Transportation Global Signalling for PNR Railworks Inc.	Location: Edmonton, Alberta.
	Application: Dual redundant, on-line 120 VAC backup UPS system for the critical AC signals and controls for one station of an urban, light rail commuter train system.	Equipment: 150 A charger, 20 year life 595 Ah VRLA battery, 10 kVA inverter, 3 kVA inverter, transfer switches, 15 kVA bypass transformer.
	Value: C\$90,100.	Notes: Customized, dual system configuration.

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2011	Bur Oak Energy Centre Substation	125 V 25 A DC Power Systems
	Customer: Markham District Energy Inc.	Location: Markham, Ontario.
	Application: Two, 125 VDC auxiliary power systems for the critical control and switchgear loads of a 5 kV substation.	Equipment: 25 A chargers, 25 year life 60 Ah VR NiCd batteries, DC distribution breaker panels.
	Value: C\$58,000.	Notes: Integrated, self-contained power systems.

2011	York Energy Centre Switchyard	125 V 50 A DC Power Systems
	Customer: EPTCON Ltd. for the York Energy Centre.	Location: King City, Ontario.
	Application: Two, 125 VDC auxiliary power systems for the critical control and switchgear loads of a 230 kV switchyard for 300 MW gas fired generating station.	Equipment: 50 A chargers, 20 year life 265 Ah vented batteries, battery breakers.
	Value: C\$59,000.	Notes: Multi-load profile. Seismic battery rack.

2011	Queen Elizabeth Gas Turbine GS	10 kVA 1 Phase Inverter UPS System
	Customer: SaskPower.	Location: Saskatoon, Saskatchewan.
	Application: On-line 120 VAC backup inverter UPS systems for the plant control and monitoring system of a gas fired generating station unit.	Equipment: 10 kVA inverter, transfer, maintenance bypass switch, bypass line conditioner.
	Value: C\$37,300.	Notes: Overload coordination.

2011	Boleo Diesel Generating Unit	125 V 50 A DC Power System
	Customer: MAN Diesel Canada Ltd.	Location: Santa Rosalia, Mexico.
	Application: 125 VDC auxiliary power system for the critical controls of a diesel fuelled generating station.	Equipment: Dual 50 A chargers, 25 year life 110 Ah VR NiCd batteries, seismic rack, DC distribution unit.
	Value: C\$47,500.	Notes: Custom built DC distribution unit.

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2011	GO Transit Train Lighting	125 V 25 A DC Power Systems
	Customer: Custom Control Panels Inc. for GO Transit.	Location: Toronto, Ontario.
	Application: Four, 125 VDC, rail-side, auxiliary power systems for the lighting of parked commuter trains.	Equipment: 25 A chargers, 10 year life 155 Ah VRLA batteries, battery and distribution breakers.
	Value: C\$58,200.	Notes: Integrated, self-contained power systems..

2011	UTT HV Substations, Trinidad	125 V 25 A DC Power Systems
	Customer: K-Line International Ltd. for University of Trinidad & Tobago.	Location: Trinidad, West Indies.
	Application: Two, 125 VDC auxiliary power systems for the critical control and switchgear loads of two 66 kV substations.	Equipment: 15 A chargers, 25 year life 407 Ah and 66 Ah NiCd batteries, battery breakers.
	Value: C\$51,100.	Notes: Multi-load profile.

2010	Telecom Central Office Power – Markham, Ottawa, Vancouver	48 V 2400 A DC Power Systems
	Customer: MTS Allstream Inc.	Location: Markham, Ottawa Ontario. Vancouver BC.
	Application: Three, backup / auxiliary 48 V DC power systems for central office telecom power batteries and all loads.	Equipment: 48 V 2400 and 1200 A systems, c/w multi-redundant 400 A and 600 A rectifiers, supervisory, main distribution.
	Value: C\$220,900.	Notes: Fully integrated, custom power systems.

2010	Edmonton LRT, 4 Stations AC	10, 15, 20 kVA 3 Phase AC UPS Systems
	Customer: GE Canada Transportation Global Signalling for PNR Railworks Inc.	Location: Edmonton, Alberta.
	Application: Four, dual redundant, on-line 120 VAC backup UPS system for the critical AC signals and controls for 4 stations of an urban, light rail commuter train system.	Equipment: 250 and 300 A chargers, 20 year life 595 and 850 Ah VRLA batteries, 6, 10, 15, 20, kVA inverters, transfer switches, bypass transformers.
	Value: C\$381,300.	Notes: Customized, dual system configurations.

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2010	Edmonton LRT, 4 Stations DC	28, 60 V DC Power Systems
Customer:	GE Canada Transportation Global Signalling for PNR Railworks Inc.	Location: Edmonton, Alberta.
Application:	Seven, dual redundant, on-line 12, 28 and 60 VDC auxiliary power systems for the critical signal and controls for 4 stations of an urban, light rail commuter train system.	Equipment: 15 and 75 A chargers, 25 year life 45, 176, and 444 Ah NiCd batteries, 15 and 60 A DC-DC converters, multiple terminal panels.
Value:	C\$246,500.	Notes: Custom, rack mount, tri-voltage, systems.
2010	Yellowhead Gas Turbine GS	125 V 200 A DC and 10 kVA UPS Power Systems
Customer:	SNC-Lavalin Inc. for SaskPower.	Location: North Battleford, Saskatchewan.
Application:	Dual 125 VDC auxiliary power systems and single, on-line 120 VAC backup inverter UPS system for the plant control and monitoring system of a gas turbine generating station.	Equipment: Dual 200 A chargers, 20 year life 1000 Ah vented lead acid battery, 10 kVA inverter-transfer-bypass system, 10 kVA bypass line conditioner, custom DC and AC distribution units.
Value:	C\$127,100.	Notes: Turnkey, station DC & AC power systems.
2010	GO Transit Train Lighting	125 V 15 A DC Power Systems
Customer:	Custom Control Panels Inc. for GO Transit.	Location: Toronto, Ontario.
Application:	Six, 125 VDC, rail-side, auxiliary power systems for the lighting of parked commuter trains.	Equipment: 15 A chargers, 10 year life 95 Ah VRLA batteries, battery and distribution breakers.
Value:	C\$69,100.	Notes: Integrated, self-contained power systems.
2010	China Cement Plant	110 VDC and 10, 30 kVA 1 Phase AC UPS Systems
Customer:	Asia Engineering Enterprise Corp. for the Yangzhou Yadong cement plant.	Location: Nanjing, Mainland China.
Application:	Three, on-line 110 VDC and 230 VAC backup UPS systems for the critical operating DC and AC loads of a cement plant.	Equipment: 100 and 300 A chargers, 10 and 30 kVA inverters, transfer switches, bypass transformers c/w DC and AC distribution.
Value:	C\$154,100.	Notes: DC and AC loads distribution.

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2010	Seven Sisters Generating Station	7.5 kVA 1 Phase Inverter UPS Systems
	Customer: Manitoba Hydro.	Location: Seven Sisters Falls, Manitoba.
	Application: Dual, on-line 120 VAC backup inverter UPS systems for the critical loads of a hydroelectric generating station.	Equipment: 7.5 kVA inverters, transfer switches, maintenance bypass switches.
	Value: C\$38,000.	Notes: Parallel redundant system.

2010	Union HV Substations, Trinidad	125 V 25 A DC Power Systems
	Customer: K-Line International Ltd. for Trinidad & Tobago Electricity Commission.	Location: Trinidad, West Indies.
	Application: Three, 125 VDC auxiliary power systems for the critical control and switchgear loads of a 230 kV and a 66 kV substation.	Equipment: 15 A chargers, 25 year life 370 Ah NiCd batteries, 200 A battery breakers.
	Value: C\$127,100.	Notes: Multi-load profile.

2009	Sherbrook Telecom Central Office Power	48 V 2000 A DC Power System
	Customer: MTS Allstream Inc.	Location: Winnipeg, Manitoba.
	Application: Backup / auxiliary 48 V DC power systems for central office telecom power batteries and all loads.	Equipment: 48 V 2000 A system, c/w multi-redundant (qty 7) 400 A rectifiers and supervisory unit.
	Value: C\$137,000.	Notes: Fully integrated, custom power systems.

2009	Ermine Gas Turbine GS	125 V 100 A DC and 5 kVA UPS Power Systems
	Customer: SNC-Lavalin Inc. for SaskPower.	Location: Kerrobert, Saskatchewan.
	Application: Dual 125 VDC auxiliary power systems and single, on-line 120 VAC backup inverter UPS system for the plant control and monitoring system of a gas turbine generating station.	Equipment: Dual 100 A chargers, 20 year life 470 Ah vented lead acid battery, 5 kVA inverter-transfer-bypass system, 5 kVA bypass line conditioner, custom DC and AC distribution units.
	Value: C\$81,000.	Notes: Turnkey, station DC & AC power systems.

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2009 Queen Elizabeth Gas Turbine GS

Customer: SNC-Lavalin Inc. for SaskPower.

Application: Dual 125 VDC auxiliary power systems and single, on-line 120 VAC backup inverter UPS system for the plant control and monitoring system of a gas turbine generating station.

Value: C\$200,000.

125 V 200 A DC and 15 kVA UPS Power Systems

Location: Saskatoon, Saskatchewan.

Equipment: Dual 200 A chargers, 20 year life 2000 Ah vented lead acid battery, 15 kVA inverter-transfer-bypass system, 15 kVA bypass line conditioner, custom DC and AC distribution units.

Notes: Turnkey, station DC & AC power systems.
