

LAKE SHORE ELECTRIC CORPORATION SWITCHGEAR



Lake Shore Electric Corporation has been manufacturing Switchgear for over fifty years. While it is virtually impossible to keep track of the thousands of transfer switches installed over the years, attached you can view some more recent switchgear installations. While no two jobs are ever the same, one can see that Lake Shore Electric Corporation has accommodated most types of generator control switchgear applications. From simple single engine solutions to more complex switchgear for emergency, standby and prime power applications incorporating multiple engine generators and various options such as import/export control, cogeneration, base loading, peak shaving, and or soft loading and unloading. Whether the Switchgear is built for Caterpillar, Kohler, Cummins, Detroit Diesel Allison, Katolight, Generac, Or Mitsubishi, Lake Shore Electric Corporation has decades of successful installs...

A LISTING OF SWITCHGEAR INSTALLS IS AVAILABLE UPON REQUEST

INSTALLATIONS

Job Name: Carteret Data Center

Customer: Sullivan Associated

Description: 4000 Ampere Switchboard.

Job Name: AT&T Clay Street

Customer: Duffey Southeast Construction

Description: 4000 Ampere Switchboard, Controls for (2) 2500 KW Engine Generator Sets.

Job Name: Bonneville Dam - North Power House

Customer: North Coast Electric

Description: 15 KV, Metal Clad Switchgear, 500 MVA.

Job Name: Dalles Dam

Customer: North Coast Electric

Description: Medium Voltage Paralleling Switchboard.

Job Name: Community Health Data Center

Customer: MacAllister CAT

Description: (2) 1600 Ampere & (1) 800 Ampere Switchboards.



INSTALLATIONS

Job Name: MEDCO

Customer: MacAllister CAT

Description: Low Voltage Paralleling Switchgear, Controls for (3) 25 KV Engine Generator Sets with Distribution.

Job Name: Digital Realty Trust

Customer: Cummins Power South

Description: 3000 Ampere, Generator Distribution Switchboard.

Job Name: Marcy Correctional Facility

Customer: Penn Power

Description: 15 KV Metal Clad Paralleling Switchgear.

Job Name: Dell

Customer: Cummins Power South

Description: 15 KV 600 Ampere, Generator Vacuum Breaker Switchboard.

Job Name: Peace River

Customer: Cummins Power South

Description: 480VAC, 2000 Ampere, Paralleling Switchboard to control and protect (2) 1250kw gensets and (2) existing gensets.



INSTALLATIONS

Job Name: Palatka SRF WTP

Customer: Florida DDA

Description: 480VAC, 2500 Ampere, Main-Tie-Main and controls and protection for (1) 1000kw genset, Closed Transition with distribution.

Job Name: Palm Beach County North Regional Pumping Facility

Customer: Tampa Armature Works

Description: 480VAC, 4000 Ampere, Paralleling Switchboard to control and protect Utility Main Services and (2) 1250kw gensets with distribution.

Job Name: City of Palm Coast - Water Plant No. 3

Customer: Cummins Power South

Description: 480VAC, 3000 Ampere, Paralleling Switchboard to control and protect Utility Main Services, (1) 1000kw, (1) provisional 1000kw genset with distribution.

Job Name: La Victoria

Customer: Lake Shore Energia Sur America

Description: 15KV Metal Enclosed Automatic Transfer Switch with extended paralleling capabilities, Turbine Breaker and Controls with step up transformer.

Job Name: S One

Customer: Mission Critical

Description: 480VAC, 2000 Ampere Automatic Transfer Switchboard to transfer between (2) services and (2) gensets with associated distribution.



INSTALLATIONS

Job Name: Northcoast Behavioral Healthcare System - McKee Building

Customer: Ohio Cat

Description: 480VAC, 1000 Ampere Automatic Transfer Switch Switchboard with common generator bus to serve (7) Transfer switches and associated distribution.

Job Name: Corning Inc.

Customer: Penn Power

Description: 480VAC, 4000 Ampere Switchboard featuring customer preferred DS-II draw out circuit breakers.

Job Name: Northcoast Behavioral Healthcare System - Building 22

Customer: Ohio Cat

Description: 480VAC, 1000 Ampere Automatic Transfer Switchboard containing (5) Dual Motor Operated Lake Shore transfer switches.

Job Name: Sammis Plant

Customer: First Energy Corporation

Description: High Voltage Relay Protection Panel.

Job Name: Angola

Customer: Lake Shore Energia Sur America

Description: 480VAC, 2000 Ampere Distribution Switchboard.



INSTALLATIONS

Job Name: La Urbina

Customer: Lake Shore Energia Sur America

Description: 12470VAC, 1200 Ampere Medium voltage Paralleling, Import/Export, Switchboard to control and protect (1) Utility and (1) 2800KW genset.

Job Name: Indian River North County WTP

Customer: Cummins Power South

Description: 480VAC, 4000 Ampere, Paralleling Switchgear to control and protect (2) 1500KW gensets.

Job Name: St. Lucie County Chiller Plant

Customer: Cummins Power South

Description: 480VAC, 2500 Ampere, Paralleling Switchgear to control and protect (2) 350KW, (1) 500KW gensets with Automatic Transfer Switch and distribution.

Job Name: Salt Fork Substation

Customer: Guernsey-Muskingum Electric

Description: High Voltage Relay Protection Panel and DC Battery Control Station.

Job Name: SCI Cambridge

Customer: Penn Power Systems

Description: 15KV, Outdoor, Automatic Transfer Switch with Distribution.



INSTALLATIONS

Job Name: Ferguson Stockton

Customer: Greygate

Description: 480VAC, Indoor, 4000 Ampere Switchboard containing Service Entrance Rated Transfer Switch and associated Distribution.

Job Name: First Energy Eastlake

Customer: First Energy

Description: (2) High Voltage Relay Protection Panels.

Job Name: Middlefield Wastewater Treatment Plant

Customer: Cummins Bridgeway

Description: 480VAC, Indoor, 2000 Ampere Switchboard with integrated Service Entrance Rated Transfer Switch and CT Cabinet.

Job Name: Price Chopper

Customer: Penn Power

Description: 15KV, Outdoor Automatic Transfer Switch.

Job Name: G.T. Lohmeyer WWTP

Customer: Pantropic Power

Description: 5KV, Generator Control and Protective Switchboard.



INSTALLATIONS

Job Name: McMurdo Station

Customer: Raytheon Polar Services

Description: 5KV Air Interrupter Pad Mounted Switchgear.

Job Name: Twin Lakes WTP

Customer: Cummins Bridgeway

Description: 480VAC, 600 Ampere Free Standing Switchgear featuring Automatic Transfer Switch with Distribution.

Job Name: Brimfield WTP

Customer: Cummins Bridgeway

Description: 480VAC, 600 Ampere Free Standing Switchgear featuring Automatic Transfer Switch with Distribution.

Job Name: JMEUC

Customer: Foley Power Systems

Description: Line of 5KV Load Break Switches.

Job Name: Newark Arena

Customer: Cummins Metropower

Description: 480 VAC, 4000 Ampere Free Standing Generator Switchboard.



INSTALLATIONS

Job Name: Fairmont South Hampton

Customer: Foley Power Systems

Description: Line of 5KV Disconnect Switches.

Job Name: Chase Carlstadt Data Center

Customer: H.O. Penn

Description: Line of Neutral Grounding Resistors.

Job Name: South Airfield Lighting

Customer: Cummins Power South

Description: 15KV Free Standing Generator Vacuum Breaker Switchboard.

Job Name: SCI Cambridge

Customer: Penn Power Systems

Description: 5KV Free Standing Generator Vacuum Breaker.

Job Name: Ferguson - Frostproof

Customer: Greygate

Description: 480VAC, Indoor, Free Standing, 4000 Ampere Switchboard featuring Automatic Transfer Switch with Distribution.



INSTALLATIONS

Job Name: Sedanos

Customer: MGI Morgan

Description: 480VAC, Indoor, 2500 Ampere Free Standing Switchboard featuring Automatic Transfer Switch with Distribution.

Job Name: Midland Co.

Customer: Ohio Cat

Description: 15KV Free Standing Generator Vacuum Breaker.

Job Name: Sammis Plant

Customer: First Energy

Description: High Voltage Relay Protection Panels.

Job Name: City of Palm Coast - Cilion

Customer: Turbosteam Corp.

Description: 15KV Free Standing Generator Vacuum Breaker.

Job Name: City of Fort Lauderdale Police Station

Customer: City of Fort Lauderdale

Description: 480VAC, 2500 Ampere, Free Standing Switchboard with Automatic Transfer Switch, Tie, and associated Distribution.



INSTALLATIONS

Job Name: Blackburn Correctional Facility**Customer: Evapar**

Description: 15kv, 1200 Ampere, Outdoor, Service Entrance Rated, Medium Voltage Automatic Transfer Switch.

Job Name: Perce County Airport**Customer: WESCO**

Description: 5kv, 600 Ampere, Outdoor, Service Entrance Rated, Closed Transition, Digital Metering, Medium Voltage Automatic Transfer Switch with associated Distribution Sections.

Job Name: Gulfstream Club House**Customer: Pantropic Power Products**

Description: 15kv, 600 Ampere, Outdoor, GE SR489 Multi-function Protective Relay, Surge Suppression, Medium Voltage Automatic Transfer Switch.

Job Name: City of Orlando, Iron Bridge**Customer: Florida DDA**

Description: PLC, Microprocessor based controls that communicate digitally with (3) 2.8MW Detroit Diesel gen sets with MDEC Controls.

Job Name: Ebensburg**Customer: Palco Sales Corp.**

Description: 15kv, 1200 Ampere, Outdoor, Service Entrance Rated, Power Metering with communications, Medium Voltage, Automatic Transfer Switch.



INSTALLATIONS

Job Name: Cantarell Module 5, Mexico

Customer: Black & Veatch

Description: High Voltage Remote Protective Relay Panel.

Job Name: Sanford South WRC

Customer: Tampa Armature Works

Description: Seven section, Low Voltage, Custom Switchgear to control and protect (1) 1000kw gen set with provisions for future. Switchgear to include (2) Utility sources, gen set and associated distribution.

Job Name: Palm Coast

Customer: Florida DDA

Description: Seven section, Low Voltage, Custom Switchgear to control and protect (1) 1500kw gen set with provisions for future. Switchgear to include (2) Utility sources, gen set and associated distribution.

Job Name: Northrup Gruman

Customer: Florida DDA

Description: Mobile Tactical Generator Control and Three Source Transfer Equipment.

Job Name: Chagrin Falls Downtown Improvement

Customer: Thompson Electric

Description: Streetscape Panel Board, Service Pedestals, NEMA 3R Aluminum.



INSTALLATIONS

Job Name: Moshannon Correctional Facility**Customer: Palco Sales Corp.**

Description: Four Section, 15KV Metal clad paralleling switchgear to control and protect (1) Utility, and (1) 1500KW Gen Set, and associated Distribution. PLC Microprocessor Controlled with Ethernet connections, HMI, Digital Interface with remote monitoring and control.

Job Name: McMurdo Station**Customer: Raytheon Polar Services**

Description: (6) Custom Enclosed 5KV Air Interrupter Switches, 600 Ampere.

Job Name: Oregon Military Department**Customer: Optimal Control Systems**

Description: (7) Section, Dead Front, Low Voltage, to control & protect (1) Utility and (2) 800KW Diesels. PLC Microprocessor Controlled with Ethernet connection, HMI, Digital Interface.

Job Name: Fish Kill**Customer: North Coast Electric**

Description: Six section, Dead Front Low Voltage Switchgear containing 3000 Ampere Automatic Transfer Switch with Integrated Distribution, Transformer, CT Cabinet and TVSS sections.

Job Name: Gallipolis Developmental Center**Customer: Ohio CAT**

Description: 15kv, 1200 Ampere, Indoor, Service Entrance Rated, Generator Differential Protection, Draw-out, Medium Voltage, Automatic Transfer Switch.



INSTALLATIONS

Job Name: NBS**Customer: Powerhouse Systems, LLC**

Description: Two Section, Dead Front Low Voltage Switchgear containing 2000 Ampere Automatic Transfer Switch with integrated, local utility approved, 2000 incoming CT Cabinet.

Job Name: Northrop Gruman Newport News Portal**Customer: Advanced Automation Technologies**

Description: Six Section Custom Switchgear containing Metal Clad, 5KV, Incoming, Metering, Transformer, and low voltage, 1200 Ampere Manual Transfer Switch.

Job Name: Ferguson Waterloo**Customer: Greygate**

Description: Two section, Dead Front, Low Voltage Switchgear containing 3000 Ampere, 100KAIC Automatic Transfer Switch with integrated distribution.

Job Name: Fred Nummer Apartments**Customer: Cummins Bridgeway**

Description: Three Section, Dead Front, Low Voltage Switchgear containing (2) Automatic Transfer Switches, Distribution, Generator Incoming and Fire Pump Circuit Breaker.

Job Name: Sambil**Customer: Toree Consolidada, Venezuela**

Description: Two Section, Dead Front, Medium Voltage Switchgear for 2800KW, 5KV Turbine.



INSTALLATIONS

Job Name: Cottage Grove WWTP**Customer: North Coast Electric**

Description: Three Section, Dead Front, Low Voltage Switchgear containing 1600 Ampere, Draw-Out Automatic Transfer Switch, Distribution, and section with removable panel for front access to normal and emergency cables.

Job Name: Upper Olentangy WWTP**Customer: Buckeye Power Sales**

Description: 15kv, 1200 Ampere, Outdoor, Service Entrance Rated, Closed Transition, Surge Suppression, Draw-out, Medium Voltage, Automatic Transfer Switch.

Job Name: SBC Dayton 22**Customer: Richards Electric**

Description: Seven Section, Dead Front, Low Voltage Switchgear containing (2) 4000 Ampere, 4 Pole, Draw-Out Automatic Transfer Switches with Tie and Distribution Sections. PLC Microprocessor Logic and Bus Duct Provisions.

Job Name: First Energy - Eastlake, Ohio**Customer: Ohio CAT**

Description: Low Voltage Paralleling Switchgear to control and protect (1) Utility and (1) 600KW Diesel. Switchgear to have extended paralleling function to allow soft loading and unloading of diesel.

Job Name: Miami Dade TGK Correctional Center**Customer: Teco Energy Services**

Description: Five section, Dead Front, Low Voltage Custom Switchgear containing (2) Draw-Out Automatic Transfer Switches with full distribution and Bus Duct accommodations.



INSTALLATIONS

Job Name: Saferstein**Customer: Cummins Bridgeway**

Description: Two section, Dead Front, Low Voltage, Custom Switchgear containing (3) Automatic Transfer Switches and associated distribution.

Job Name: Gore Building**Customer: MGI Morgan**

Description: Two section, Dead Front, Low Voltage, Custom Distribution Section, 3000 Ampere, 65KAIC, with Monitoring and Surge Suppression.

Job Name: US Bureau of Reclamation, Loveland, CO**Customer: Power Electric Company**

Description: Free Standing protection and control for Dual Utility Sources with automatic and manual transfer capabilities.

Job Name: St. Peters Island**Customer: Arizona Generator Technology**

Description: Distribution Switchboard for Prime Power plant consisting of (3) 600KW engine generator sets operating at 120/208 volts.

Job Name: Rock River Water Reclamation Site**Customer: Rock River Water Reclamation District**

Description: Free standing switchboard to protect and control (3) Waukesha engine generator sets operating at 1025KW. The controls provide for the CHP plant to provide automatic standby operation and utility paralleling.



INSTALLATIONS

Job Name: Bridgestone**Customer: Buckeye Power Sales**

Description: 15kv, 1200 Ampere, Outdoor, Service Entrance Rated, Ground Fault Protected, Surge Suppression, Generator Differential Protection Automatic Transfer Switch.

Job Name: John H. Kerr Powerhouse, Buggs Island Dam**Customer: Rexel-Davies**

Description: Distribution switchgear and unit substation switchgear for Station Service Hydro-electric generators. 15KV distribution switchgear for 13MVA Hydro-electric generator at 13.8KV.

Job Name: NAS JAX**Customer: Cummins Southeastern Power**

Distribution: 5kv, 400 Ampere, Indoor, Service Entrance Rated, Automatic Transfer Switch.

Job Name: Westside Regional U.V. Plant**Customer: Florida DDA**

Description: Free Standing Switchboard to control (2) utility incoming sources, multiple distribution feeds, (1) engine generator operating at 1000KW and (1) operating at 1250KW. Controls provide main-tie-main operation of the utilities with generators as emergency standby units with load demand/shed functions.

Job Name: South Pole Station, Ice Cube Project**Customer: Southworth Milton**

Description: Automatic paralleling switchgear for (2) 165KW engine generator sets. Provided in an outdoor, walk-in Power Distribution Container.



INSTALLATIONS

Job Name: City of Ocala WWT

Customer: Mallory Company

Description: One 3000 Ampere, 100KAIC rated Automatic Transfer Switch with emergency bus distribution feeders.

Job Name: T. S. Tech

Customer: Holt Machinery/Ohio CAT

Description: Two 2500 Ampere Manual Transfer Switches and one 1600 Ampere Automatic Transfer Switch in NEMA 3R Outdoor Switchgear. Designed to switch between two utility sources and one 1500KW engine generator set.

Job Name: Scioto Juvenile Correctional Facility

Customer: Buckeye Power Sales

Description: 15KV, 1200 Ampere, Outdoor, Draw-out, Medium Voltage, Automatic Transfer Switch.



INSTALLATIONS

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For a list of jobs prior to 2003 please consult the factory or

your local Sales Representative.

A complete list of products and our entire catalog can

be found on our website. Please visit us at

www.lake-shore-electric.com

