

Project Profile

Winnipeg, MB

Great West Life Data Centre



Wescan provided our electrical installation services for the construction of a new 68,000 ft² Data Centre to replace the aging downtown facility. This Centre houses all of the data for Great West Life across Canada which required high level security and confidentiality. The building was constructed to withstand an F4 tornado and so the level of quality and craftsmanship had to be top notch. This project included a very aggressive schedule, and we are proud to say we completed our scope of work on time and on budget.

The Engineer, who specializes in these types of projects, complimented that the quality and commitment to the project was one of the best they have seen.

Type of Service

Electrical

Sector

Industrial / Commercial

Delivery Method

Bid Spec

Project Manager

Wally Beer

Superintendent

Arnie Procyshyn

Completed

June 2012

Value

\$5,890,000

Owner

Great West Life
Perry Schultz
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Engineer

Bruns Pak
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Contractor

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WESCAN
CONSTRUCTION SERVICES

Our scope included:

(1) 25 kV distribution to feed the new complex C/W redundant feeds to a Vista 615-29KV.

Data distribution to feed the data center C/W with redundant feeds.

(2) 1500 KVA 25kV-600V transformers feeding (2) – 2000 amp 600V services with integral ATS switches connected with (2) -1500 KVA gensets. Both systems are tied together to operate each other in case of power failure and or maintenance.

All (14) breakers are motor controlled for sequencing loads.

(2) 750 KVA UPS's connected to the 2000 amp gear with static by passes and C/W with a 2000 amp DC battery supply.

UPS's are feeding 1200 amp distributions feeding all data floor power requirements.

(8) 300kva Power Distribution Units feeding a multitude of Remote 208/120 v Distribution panels for the Data racks servers.

All the building services for occupancy.

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