

Bloor Islington Place Battery Storage Project



Overview

Starlight's building is connected to the Islington Subway station (part of the Toronto Transit Commission public transit network). The state-of-the-art Class A office building hosts tenants like the Ministry of Education and Moneris. The building owners looked for solutions to reduce demand charges (Global Adjustment cost) and turned to Peak for guidance. Peak recommended a 500 KW system to help slash demand charges by 25%.

Service Provided

Peak Power signed an 11-year agreement with Starlight Investments to install an energy storage unit (ESU) to target Ontario's peak demand electricity charges at Bloor Islington Place, one of their premier commercial office buildings. Peak Power offered a no-cost solution to Starlight Investments with its Shared Savings agreement which minimized risk and freed up capital for alternative capital projects. Peak Power was responsible for procuring the ESU, submitting utility interconnection documents and providing an engineered solution that located the ESU in a previously unused outdoor location.

Results

Peak Power was able to achieve energy cost reduction and revenue generation through global adjustment savings and contributions to demand response. The results below reflect lifetime customer savings and emissions avoided as of 2021.

\$440,826

Energy Cost Savings

8 tCO₂e

Emissions Reduced
in 2021

Customer

Starlight Investments

Location

Toronto, ON

Total System Size

500 kW / 1000 kWh

Commission Date

Q3 2018

Applications



Global Adjustment
Reduction Demand
Response



Peak Reduction



Energy Arbitrage

See more at www.peakpowerenergy.com

