

Brian Muscat

P.Eng., CEM, CEA

ENERGY SECTOR EXPERIENCE

After joining The Power Factory in 2015, Brian helped launch TPF Energy Services. He has a strong background related to energy conservation projects in refrigeration, compressed air, pumping, HVAC, steam and lighting systems. He also has experience in conservation initiatives such as energy management systems and energy auditing, in commercial and industrial buildings. Brian has worked extensively on behalf of utilities and clients on projects for the IESO's Save on Energy program (SOE), Enbridge's Custom Engineering Projects Program and NRCAN Energy Efficiency Programs.

Brian is a Professional Engineer in Ontario and holds a Bachelor of Mechanical Engineering degree from the University of Malta. He is also a Certified Energy Manager (CEM), Certified Energy Auditor (CEA), Certified RETScreen Expert (CRE), and certified to conduct Process Integration (PI) Studies and Retro-Commissioning (RCX).

STRATEGIC ENERGY MANAGEMENT

Our Energy Services team provides strategic energy consulting services, helping commercial, industrial, and institutional businesses get started on energy saving projects aligned to their business goals. We analyze energy use, conduct energy audits and facility assessments, review incentives available, evaluate opportunities that boost performance as well as complete and submit all required SOE pre- and post-project applications.



Our areas of focus include lighting, compressed air, heating and cooling, operational savings (building envelope, hot water, exhaust, motors, equipment, server rooms, building management systems, bathrooms, cafeterias, and vending machines), demand response, cogeneration of electricity and steam, and renewables including solar, wind and geothermal.

- Energy auditing
 - Compressed air / vacuum system audits
 - Lighting audits
 - HVAC/controls study
 - Process audits
- Process/system redesign
- Retrofit project business case analysis
- Energy consumption analysis
- Energy management planning
- Energy management systems
- Energy purchasing strategies
- Energy storage and generation
- Energy conservation and GHG reduction projects
- Incentives, grants and other funding streams

CONSERVATION AND DEMAND MANAGEMENT

Incentive application support for all provincial and national programs. This includes all required pre-project documentation, facility assessments, ASHRAE energy audits, measurement and verification plans, QA/QC, metering reports and advanced evaluation and incentive reports, post-project submissions, verification of post-project results and submission of all documentation required for proof of savings and incentive payment.

Let's get going today!

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