

Our Clients



Any plant with energy intensive processes



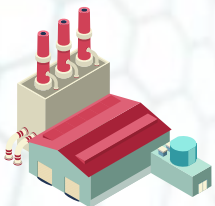
Municipalities; Schools;
Hospitals; Universities



Independent Power Producers
Energy Service Companies
District Energy Providers



Core Competencies



Cogeneration



**Power
Generation**



Boilers



District Energy



**Energy
Management**



**Biomass/ Biogas/
RNG**

St. Catharines • Oakville • Calgary

905-935-5815

www.CEMeng.ca

Mechanical Engineering

Laser Scanning of Existing Systems
Piping & Process Design
Safety Authority Registration
Pipe Stress Analysis
Convert 2D Drawings into 3D Models
System De-Bottlenecking and Trouble-Shooting
District Energy
Boiler Plants

Electrical Engineering

Single Line Diagram
Distribution Connected Interconnect Design
Transmission Connected Interconnect Design
Arc Flash Study
Short Circuit Study
Harmonics Study
Solar Development & Design
Wind Development & Design

Civil/Structural Engineering

Complete Civil/ Structural Design
Site Structural Inspections
Fire Code Checks
Pre-Start Health and Safety Reviews

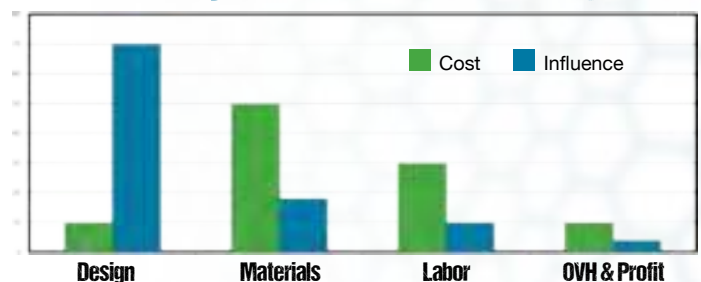
Project (EPCMC) Services

Schedule Capital Projects / Critical Path
Project Cost Control & Reporting
Procurement Services
CPI / SPI Tracking & Reporting
Document Control
Construction Management
Schedule Maintenance Activities

Commissioning Services

Commissioning Plan
Electrical Interconnection Commissioning
Controls Tuning
Load Control

Do You Really Want to Squeeze the Design Fee?



Single-Source, Turnkey Services

Engineer

Schematic Design; Design Development; Detailed Design; Contract Administration; Permits & Approvals; Project Management

Procure

Evaluate; Award (buy equipment); Expedite; Inspect

Construct

Manage schedule; Hire trades; Manage trades; Site safety; On-site presence; Commissioning; Review/approve submittals