



OR COBID Certified Minority Business Enterprise ( <b>MBE</b> )	4569
OR COBID Certified Disadvantaged Business Enterprise ( <b>DBE</b> )	4569
OR COBID Certified Emerging Small Business ( <b>ESB</b> )	4569
Energy Trust of Oregon New Building & Existing Building Ally	Approved
WA King County <b>SCS</b> Firm	1796
WA Minority Business Enterprise ( <b>MBE</b> )	M4M0023837
WA DOT <b>DBE</b> and Federal <b>SBE</b>	D4M0023837
SBA <b>8(a)</b>	304544

**Energy Performance Engineering, LLC (EPE) provides building commissioning, mechanical systems diagnostics, and control systems design services. We help clients to develop, restore and maintain a healthy and energy efficient buildings.**

### Certification:

We are Certified Commissioning Professional (**CCP**), Certified Energy Manager (**CEM**) and certified LEED Accredited Professionals (**LEED AP**). Registered Mechanical Engineer (**PE**), Oregon

### Differentiators:

During commissioning services; the owner, designers, and contractors participate in the commissioning team. We have experience in facility engineering as building owners, an senior design engineer in architectural firm, along with a control engineer for control contractor. Our diverse background gives us the expertise and a holistic perspective on commissioning process, which is rare to find in the building industry.

### Professional Associations

American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE):

Technical Committee 1.4 Control Theory & Application, Guideline Project Committee 36 High Performance Sequences of Operation for HVAC Systems: 2018-present

Building Commissioning Association (BCA):

Certification Board Committee: 2016-2018

## Services Offered:

### System Commissioning Services

- New Construction Commissioning
- Existing Commissioning
- Monitoring-Based Commissioning
- Facilities Management Support
- Asset Management Strategic Planning
- Measurement & Verification
- Site Analysis & Evaluation
- Energy Management

### Building Controls

- HVAC Systems Diagnostics
- Control Retrofit Design
- Control System Optimization
- Digital Controls Master Planning
- Fault Detection & Diagnostics

### Instruments

- Automated Fault Detection & Diagnostic Tool-Universal Translator
- Digital Control Diagnostic Software-Cx-1-2-3
- DOE eQuest Simulation Software
- FLIR Infrared Camera
- Onset HOBO Data Loggers
- TSI Indoor Air Quality Meter
- Electrical Logging Meters
- Fluke Infrared Thermometer
- AirData Multimeter Kit

### Divisions (may include Commissioning requirements)

- 01-General Requirements
- 22-Plumbing
- 23-Heating, Ventilating, and Air Condition
- 26-Electrical
- 27-Communications
- 28-Electronic Safety and Security

### Representative Clients

- Portland Community College
- City of Portland
- Port of Portland
- General Service Administration
- City of Eugene
- Various School Districts
- Real Estate Developers
- Mortenson Construction Company

## Representative Projects - First Tier



**Portland Community College** - Newberg Center  
(LEED Platinum - Net Zero Readiness)  
Newberg, OR - Completed 2012  
Higher Education Building, 18,000 ft<sup>2</sup>



**Emergency Coordination Center** (LEED Gold)  
Portland, OR - Completed 2015  
Mission Critical Building, 27,000 ft<sup>2</sup>



**Eugene Police Department Headquarters**  
Eugene, OR - Completed 2013  
Police Office Building, 75,000 ft<sup>2</sup>



**Pilot Rock High, Jr. High & Elem. Schools**  
Pilot Rock, OR - Completed 2013  
K-12 School Building, 150,000 ft<sup>2</sup>



**ODOT Flanders Building - RCx + Design**  
Portland, OR - Completed 2017  
Office Building, 90,000 ft<sup>2</sup>



**Milton-Freewater Unified School District**  
Milton-Freewater, OR - Completed 2019  
Elementary, Middle, and High Schools, 235,000 ft<sup>2</sup>



**Yogi Tea**  
Eugene, OR - Completed 2018  
Manufacturing Building, 191,000 ft<sup>2</sup>



**Cornell Oaks DHS Office Building**  
Beaverton, OR - Completed 2018  
Office Building, 36,000 ft<sup>2</sup>



**VA Mental Health Building**  
Roseburg, OR - Completed 2018  
Medical Building, 18,000 ft<sup>2</sup>



**The Barcelona**  
Beaverton, OR - Completed 2018  
Multi-family mid-rise Building, 36,000 ft<sup>2</sup>



**Camas Middle School - RCx**  
Camas, WA - Completed 2016  
Middle School Building, 55,000 ft<sup>2</sup>



**Taipei World Financial Center**  
LEED Taipei, Taiwan - Completed 2005  
Supertall Skyscraper, 4,440,000 ft<sup>2</sup>  
(Peer review of BAS implementation)

## Other Projects:



**Pacific Northwest College of Art Building - 511 NW Broadway Remodel**  
Portland, OR - Completed 2015  
Higher Education Building, 146,000 ft<sup>2</sup>



**Faubion/Concordia University**  
Portland, OR - Completed 2018  
Higher Education, 133,000 ft<sup>2</sup>



**Portland International Airport HQ/ Parking Garage** (LEED Platinum)  
Portland, OR - Completed 2010  
Airport Building, 205,000 ft<sup>2</sup>



**TriMet Facility Sustainability Study**  
Portland, OR - Completed 2017  
Design work-Citywide Facilities



**Hyatt Hotel - Oregon Convention Center**  
Portland, OR - Current  
Hotel Building, 440,000 ft<sup>2</sup>



**OHSU Center for Health & Healing**  
Portland, OR - Completed 2019  
Medical Buildings, 420,000 ft<sup>2</sup>



**City of Portland 1900 SW 4th Avenue Building - RCx**  
Portland, OR - Completed 2014  
Office Building, 155,000 ft<sup>2</sup>



**Edith Green-Wendell Wyatt Federal Building Modernization**  
Portland, OR - Completed 2013  
Federal Office Building, 370,000 ft<sup>2</sup>

## Contact Information

**James Jen, PE, Cell: (503) 476-4789**

[jimmyjen@epellc.net](mailto:jimmyjen@epellc.net)

901 N Brutscher Street, Suite D104

Newberg, Oregon 97132

Website: [www.epellc.net](http://www.epellc.net)

