

# Market-Relevant Energy Characteristics



William Cox

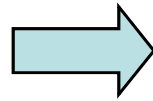
Cox Software Architects LLC

[wtcox@CoxSoftwareArchitects.com](mailto:wtcx@CoxSoftwareArchitects.com)

# Terminology Affects Thought

Utility, Customer

Utility, Ratepayer

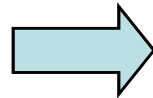


Producer, Consumer

Load Side

Demand Reduction

Demand Response



Collaborative Energy

# Market [Software] Architecture

Market Design and Description

**What** Is Communicated - Price, Characteristics

**How** It's Communicated - Messages, Protocols

*Price 1.0 is a number; market context implicit*

## ***What*** Is Communicated - Price, Characteristics

- Price, units, currency
- Characteristics
  - Geothermal
  - Coal (hard, soft, scrubber)
  - Hydroelectric, Gas
  - Carbon
- Traceable, Auditable, Aggregatable

*Jamaican Blue Mountain Coffee & renewable energy?!*

# Contact Information

Newsletter Signup, Papers, Presentations  
Energy Interoperation Technical Committee  
Energy Market Information Exchange TC

William Cox

Cox Software Architects

[www.CoxSoftwareArchitects.com/energy](http://www.CoxSoftwareArchitects.com/energy)

[wtcov@CoxSoftwareArchitects.com](mailto:wtcov@CoxSoftwareArchitects.com)