Cross-Cutting OASIS Smart Grid Standards Completed

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Cross-Cutting Standards

- Three standards, three SGIP Priority Action Plans:
  - OASIS Energy Interoperation 1.0
    - NIST/SGIP PAP09
    - SGIP Catalog of Standards Reviews in Progress
  - OASIS Energy Market Information Exchange 1.0
    - NIST/SGIP PAP03
    - In SGIP Catalog of Standards
  - OASIS WS-Calendar 1.0
    - NIST/SGIP PAP04
    - In SGIP Catalog of Standards

OASIS WS-Calendar 1.0

- Three SDO + Two organizations effort
  - NAESB, IETF, OASIS, CalConnect, SGIP
- Common schedule cross-cutting the smart grid
- Energy and facility scheduling extensions to IETF iCalendar RFCs
- Integrates energy with facility and personal schedules
- Specification links schemas

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OASIS Energy Market Information Exchange 1.0

- Two SDO effort + three organizations
  - NAESB, OASIS, SGIP, IRC, OpenADR Alliance
- Common Price and Product Definition cross-cutting the smart grid
- Describes products from wholesale, retail, other markets with full international approach
- Describes prices as related to products
- Information model, not a protocol
- Specification and schemas package available pending publication completion

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OASIS Energy Interoperation 1.0

- Two SDO effort + three organizations
  - NAESB, OASIS, SGIP, IRC, OpenADR Alliance
- DR, DER interaction plus simplified market interactions for the smart grid
  - Inside, outside, to and from microgrids
- Convey dynamic prices, curtailment requests, reports
  - Supports DR, "fast DR", regulation, markets
- Simple SOA/web services protocol
  - Other transport bindings in progress
- Specification and schemas package available (minor editorial corrections in progress pre-publication)

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Questions

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Technical Committee Links

- OASIS Energy Interoperation
  - Designed to work to, from, inside, and outside microgrids
    - http://www.oasis-open.org/committees/energyinterop
- OASIS Energy Market Information Exchange
  - Price and product definition/description
  - Transactional EMIX Notes
    - http://www.oasis-open.org/committees/emix
- OASIS WS-Calendar
  - For application see EMIX and Energy Interoperation
  - http://www.oasis-open.org/committees/ws-calendar

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