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OASIS Members Form Committee to Define Standards for Exchanging Energy Market Price and Product Information

Microsoft, Constellation Energy, CPower, Electric Power Research Institute (EPRI), EnerNoc, Southern California Edison, TIBCO, U.S. National Institute of Standards and Technology (NIST), and Others Collaborate on Open Standards for Price and Product Communication

Boston, MA, USA; 05 January 2010 ? The international consortium, OASIS, has formed a new group to define open standards for exchanging energy price and product characteristics, including availability and schedules to support the free and effective exchange of information. The new OASIS Energy Market Information Exchange (eMIX) Technical Committee will help enable and expand efficient markets, satisfying the growing demand for lower-carbon, lower-energy buildings, net zero-energy systems, and supply-demand integration. An international project, eMIX has been identified as a central deliverable for the U.S. government's Smart Grid initiative to create a smart and secure electric power grid using open standards.

"Businesses, homes, electric vehicles and the power grid itself will benefit from automated and timely communication of energy price, characteristics, quantities, and related information," said David Holmberg, a NIST engineer who works on communication of building system data to outside partners. "We believe this work, which engages several standards setting organizations, represents a critical part of the overall roadmap of standards for the Smart Grid."

"eMIX will focus on methods of exchanging market information that leverage the consistency, transparency, and security aspects of existing e-commerce standards," said Edward Cazalet, co-chair of the OASIS eMIX Technical Committee. "We are definitely not attempting to determine market operations or structures themselves."

"eMIX will work closely with the OASIS Energy Interoperation Technical Committee, which develops Web services-based information and communication models for exchanging price, reliability, and emergency signals and information on energy market participation (such as bids), load predictability, and generation," explained William Cox, who serves as co-chair of both Committees. "We will be working closely with others engaged in the NIST Smart Grid initiative, including NAESB and UCAIug."

Participation in the eMIX Technical Committee is open to all interested parties, including: utility companies; energy market participants (retail, wholesale, curtailment, forward and futures trading markets); independent system operators (ISOs); regional transmission organizations (RTOs); aggregators of energy provision; generators; and providers of Smart devices. Archives of the Committee's work will be accessible to both members and non-members, and OASIS will offer a mechanism for public comment.

Support for OASIS eMIX

Constellation Energy

"The future of energy isn't just about being cleaner, it's about being more efficient, more flexible, more responsive to the needs and preferences of consumers," said Del A. Hilber, Vice President of Load Response for Constellation Energy. "Open standards like eMIX will provide more visibility into where the energy comes from, its carbon trading or tracing involvement, its reliability and availability. Constellation Energy is committed to information exchange that will give customers the information they need to make the choices they want."

CPower

"CPower's work on eMIX and the OASIS Energy Interoperation Technical Committee is aimed at enabling our electricity end-user customers and our business partners to participate more actively, more efficiently and more effectively in energy reduction," said Dirk Mahling, CTO, CPower, Inc. "Open standards and interoperability are critical elements in allowing wide adoption and deployment of price-based load reduction programs."

Additional information:

[OASIS eMIX Technical Committee](#) [1]

[OASIS Energy Interoperation Technical Committee](#) [2]

About OASIS:

OASIS (Organization for the Advancement of Structured Information Standards) is a not-for-profit, international consortium that drives the development, convergence and adoption of open standards for the global information society. OASIS promotes industry consensus and produces worldwide standards for the Smart Grid, security, Web services, XML conformance, business transactions, electronic publishing, and other applications. OASIS open standards offer the potential to lower cost, stimulate innovation, grow global markets, and protect the right of free choice of technology. OASIS members broadly represent the marketplace of public and private sector technology leaders, users and influencers. The consortium has more than 5,000 participants representing over 600 organizations and individual members in 100 countries. <http://www.oasis-open.org> [3]

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Links:

[1] <http://www.oasis-open.org/committees/emix/>

[2] <http://www.oasis-open.org/committees/energyinterop/>

[3] <http://www.oasis-open.org>

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