Agenda

1. Call to Order
2. Roll Call
3. Minutes as available
4. Possible re-ballot on CSD and public review schemas to eliminate WS-Calendar schema copies
5. Note on EMIX – planning and content
6. Adjourn

Attendees  Member / Company (* = voting)

Bruce Bartell*  Southern California Edison
Edward Cazalet*  Individual
Toby Considine*  University of North Carolina at Chapel Hill
Bill Cox*  Individual
Gerald Gray*  Southern California Edison
Anne Hendry*  Individual
David Holmberg*  NIST
Robert Old  Siemens AG
Joshua Phillips*  ISO/RTO Council (IRC)
Aaron Snyder*  NIST

Minutes

1. Call to Order
   Bill C: Call to order.

2. Roll Call (Anne H)
   Voting Members: 9 of 11 (81%)
   Members: 10 of 41 (24%)
   Meeting achieved quorum.

3. Approve minutes as available
   Deferred.

4. Possible re-ballot on CSD and public review schemas to eliminate WS-Calendar schema copies
   Deferred.
5. Note on EMIX – planning and content

Ed C: Items that could go into the Note:
Requirements Tariffs with Blocks (Tiers)
TOU Period Requirements Tariffs
Requirements Tariff with Peak Time Rebate
Requirements Tariff with Critical Peak Price
Real Time Price (Hourly, Day-Ahead) and Hourly and 15 minute ex-post
Real Time Price Hourly Day-Ahead-ex-Ante)
Real Time Hourly and 15 Minute ex-Post.
RTP plus Call Option for Fixed Amounts (price cap)
RTP plus Subscribed Fixed Amounts

Bill C: Most of these are in Paul Centollela's list. Block and tier is not included though.
Ed C: Comments on list of examples? Further discussion of EiQuote?
Bill C: We can address EiQuote, but the focus for EMIX is the information model.
Ed C:
It's important to show communication of the requirements. How the EMIX artifacts convert and are compatible with ways information is received, say in OpenHAN.
Bill C:
Interested more in narrowing - the universe is not just SEP – BACnet/Lon/...
David H:
To the degree that a facility protocol is aligning through 201 ... is SEP aligning with 201?
Bill C: Not sure.
Ed C:
It would be helpful to have some examples that illustrate use of the EMIX artifact to communicate some price INFORMATION to other things such as BAC, SEP1/2, ASHRAE, ...
Bob O:
EMIX information is going to be more useful to SPC201, but at the last 201 meeting in Montreal it seemed people were ready to use some flavor of EMIX for modeling. Seems like that's the way - BACnet is a control protocol, set/get point thing. It's the building automation system that makes the decisions based on getting prices and products and how I want to make that building respond to that information.
David H:
I'd agree - I don't think there's an issue with BACnet. Centolella's focus is more on the residential space. Never a question that EMIX would align with C&I - only residential. Focus the Note on that and Paul Centolella's tariffs.
Bob O:
My understanding of SEP is that they are trying to align with the CIM. The utilities are not/have not been particularly forthcoming on C&I application profiles in Zigbee. No telling what they are using for transport/info – some go direct through ESI for residential. Expect that each utility has their own protocols for their own backhaul. If we can relate EMIX to the IEC CIM we'll be close enough.
Bill C:
Aaron - is this another area of useful topics in the Note? Other CIM areas and alignment/transfer?
Aaron S:
It could be. However, we need some concrete information to chew on. for many of these topics, we have a dearth of information to validate the stated activity (ZB, CIM, etc.). On ZB/block+tier we have Bruce's knowledge and the expression; showing how to represent this is key.
Ed C:
Question for Joshua – examples of communication of ISO/RTO price information? Whether or not it would be useful to do examples for communicating ISO prices?
Joshua P:
It would be beneficial to show how to communicate ISO pricing. If the Note is a separate doc - not in spec then that's a good idea. The IRC could create a submission to EMIX if that would help. ACTION: Joshua P to see what he can get together as example of ISO pricing.
Bill C:
NOTE: Centollela included PJM Tariffs / slideware.
Suggest outline that addresses ISO, Paul Centolella's comments, and Dynamic price communication. Bruce B: Those 3 groups sounds good.
David H: Does the last group cover SEP? CIM?
Bill C: NOTE: Block and Tier separate example. Add "complex contract price" for 4 categories: ISO Price info, PaulC examples, Dynamic Price, Complex contract/tariff. ACTION: Ed C, Bill C, Toby C to produce Note outline.

6. Adjourn

Adjourned 11:44 EDT