**Wednesday, January 5, 2005**

# Mission & Objectives, Organizational Structure, Ground Rules and Milestone Dates

# Mission Statement

- Foster enhanced functionality, lower costs and rapid market adoption of Advanced Metering and Demand Response solutions through the development of an open standards-based reference design & data model

# Objectives

- Facilitate the broad adoption of advanced metering and demand response

- Define what 'open standards' means for advanced metering and demand response

- Diminish technical and functional risk concerns for utilities, regulators and rate-payers

- Empower consumers with tools to better understand and manage their energy use

- Foster industry innovation, efficiency and lower cost solutions

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# UCA Sponsorship of OpenAMI — Justification

- EPRI funded UCA2 – later became 61850

- IntelliGrid encourages leveraging 61850 (and others) as foundation for utility communications

- UCAug Mission is to support Utility Communication in general

- Strong connection to IEC and IEEE – fast track to get to IEC international standard – but leave option open for other SDOs as well

- Large pre-existing utility and vendor participation

- Board members willing to host this group

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# UCAug — Top Level Organization



- **Advisors**
- **Board of Directors**
- **Member: Erich Gunther EnerNex Corporation (also CEC PIER)**
- **Operating Officers**
- **Chair: Mark Adamiak GE Multilin**
- **Executive Committee**
- **Technical Committee**
- **Marketing**
- **Liaison**
- **Membership**
- **61850 Tissues**
- **61850 Tissues Working Groups**
- **Technical Publications**
- **Testing**
- **OpenDR Sub Committee**
- **OpenAMI Task Force**
- **Help Desk**
- **Proposed New Structure**
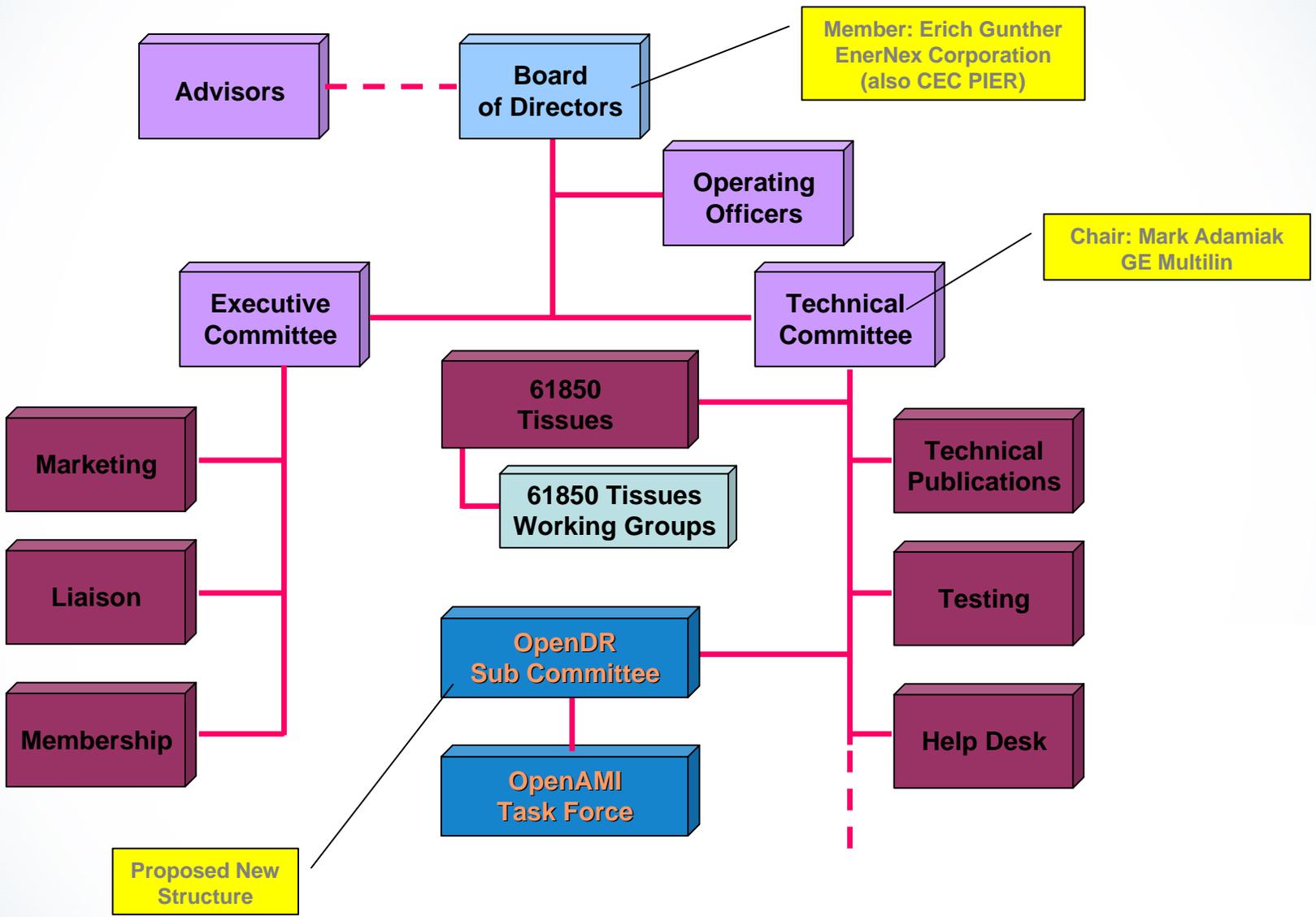
# OpenDR Subcommittee Structure

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                    │        OpenDR            │
                    │     Subcommittee         │
                    │  (Chair: Erich Gunther)  │
                    └──────────────────────────┘
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│   OpenAMI     │   │  Distributed Energy  │   │   Others...   │
│  Task Force   │   │     Task Force       │   │               │
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| Requirements Document WG | Information & Data Model WG | Reference Design Specification WG | Interoperability Guidelines WG |

| Metering Services | Networking Services | Security Services | Information Services | Control Services |
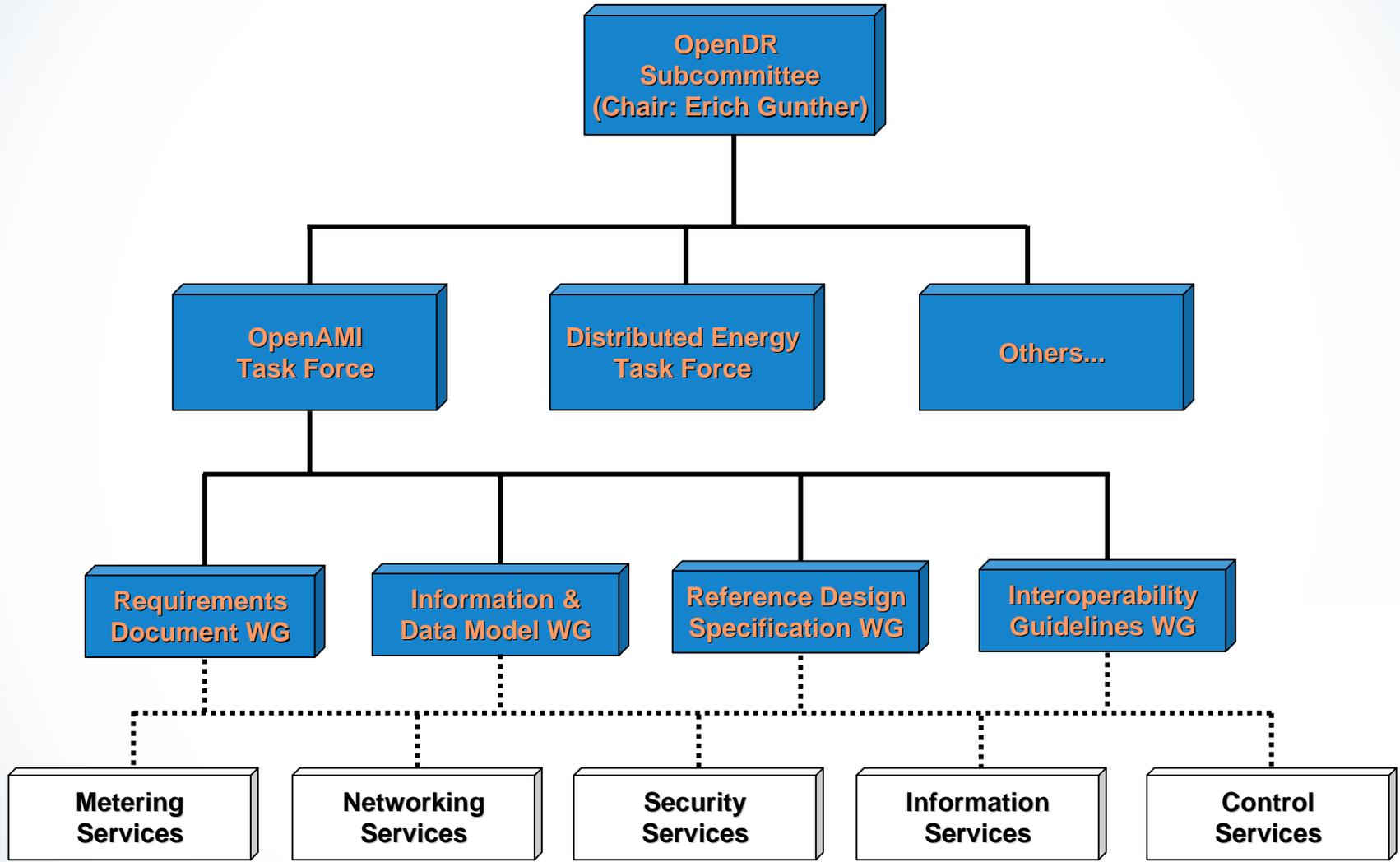
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# OpenAMI Task Force Structure



**Utility Advisory Board**
- **{tbd}**
- **{tbd}**
- **{tbd}**

**OpenAMI Chair**
**Ray Bell**
**Silver Spring Networks**

**OpenAMI Secretary**
**{tbd}**

**Requirements Document WG Facilitator**

**Information & Data Model WG Facilitator**

**Reference Design Specification WG Facilitator**

**Interoperability Guidelines WG Facilitator**

# OpenAMI Task Force Governance — Roles and Responsibilities
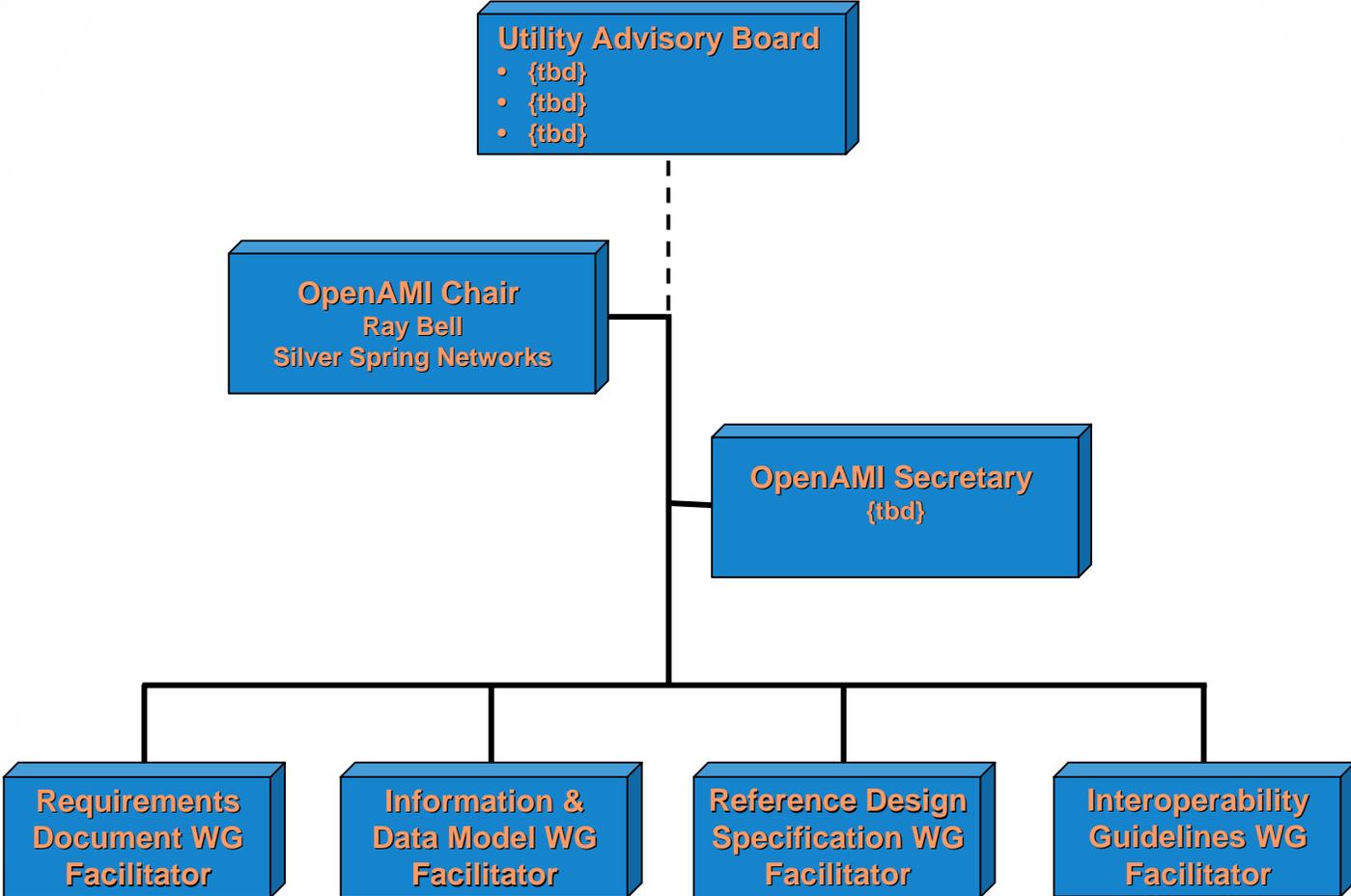
- **OpenAMI Chair/Co-Chair**
  - Facilitator
  - Schedule
  - Meeting Agenda
  - Vision / Charter / Goals / Objectives
  - Coordinate Voting
  - Sub-Group Formation

- **OpenAMI Secretary**
  - Communication
  - Documentation
  - Meeting Logistics

- **OpenAMI Utility Advisory Board**
  - General Oversight Authority
  - Arbitrator and tie-breaking vote if necessary

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# OpenAMI Task Force — Ground Rules

- Membership is open to anyone (individual or organization) who shares in the vision of the OpenAMI Mission & Objectives
  - Membership in UCAug is encouraged but not required

- Submission of OpenAMI technical input
  - Can be rejected by a majority of OpenAMI Task Group members
  - Must adhere to defined OpenAMI document content and format requirements
  - Submitters must certify that any applicable patent or other IPR claims of which they are aware have been disclosed, and any of which they become aware of will be disclosed, in accordance with the IETF RFC 3668

- OpenAMI Voting Rules
  - No single entity/corporate member may send more than three delegates to a meeting
  - Every meeting attendee is entitled to the floor and has one vote
  - Voting majority rules
  - Voting stalemates will be appealed to Customer Advisory Board for definitive ruling

- Strict adherence to the published OpenAMI Task Force Schedule

# OpenAMI Task Force — Milestones/Key Dates

- 01/17/05 – Public Announcement of OpenAMI Task Force

- 01/26/05 – Organizational Meeting @ DistribuTech, San Diego

- 02/01/05 – Presenting at CA CEC Public Workshop on Demand Response

- 02/02/05 – 1st Working Session in Sacramento

- 03/07/05 – Requirements WG Draft Specifications Due

- 04/07/05 – 2nd Working Session in Atlanta

- 05/09/05 – Information/Data Model WG Draft Specifications Due

- 06/06/05 – Reference Design WG Draft Specifications Due

- 07/11/05 – Interoperability Guidelines WG Draft Specifications Due

- 08/08/05 – 3rd Working Session in San Francisco

- 09/30/05 – Final OpenAMI Specification Drafts posted

- 12/16/05 – OpenAMI Specifications submitted to umbrella standards body

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