



Implementation Workstream Kickoff

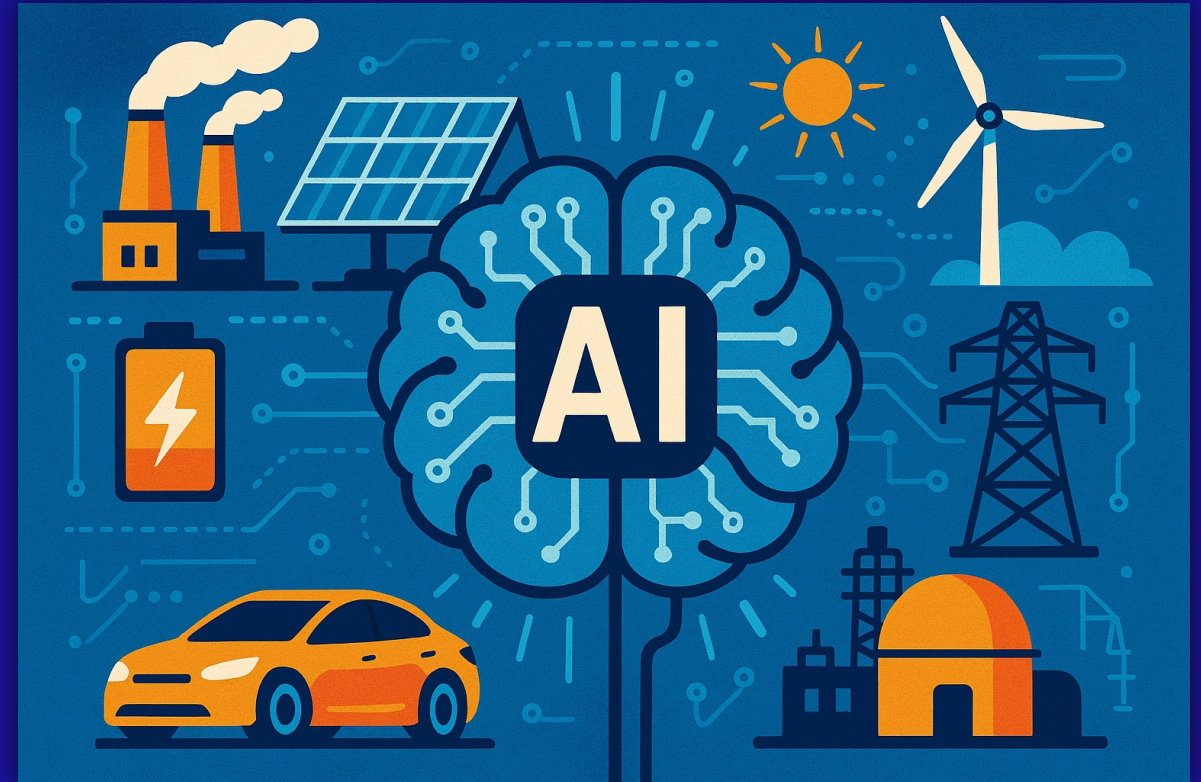
Open Power AI Consortium



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Agenda

- Welcome and EPRI Introductions
- Open Power AI
- Implementation Workstream
 - Desired Outcomes/Goals
 - Working Together to Implement Solutions
 - Periodic Collaboration Virtual Meetings
 - Transferring the Lessons Learned to Industry
- Next Steps
- Adjourn



Security Message – Don't Take the Bait

- Phishing is a cyberattack where scammers try to trick you into revealing sensitive information like passwords, financial data, or login credentials.
-  Red Flags for Phishing Emails
 - Urgent or threatening language like “Your account will be locked!”
 - Suspicious links or attachments
 - Unfamiliar sender or spoofed email address
 - Requests for personal or financial information
 - Poor grammar or spelling errors
-  How to Protect Yourself
 - **Think before you click:** Hover over links to preview the URL.
 - **Verify the sender:** Contact them through a known, trusted method.
 - **Report it:** Use your company’s phishing reporting tool or forward to IT/security.
 - Stay alert. Stay secure. Be cyber smart.



Open Power AI Consortium Leaders

Daniel Brooks

- OPAI Executive Sponsor
 - Leadership Council (LC) and Executive Advisory Group (EAG) Lead



Jeremy Renshaw

- OPAI Leadership
 - Member Representative Committee (MRC) Lead



Apurba Sakti

- OPAI Operational Manager
 - Assisting with member connections, operations, and technical excellence



OPAI Work Stream Leads

Jason Hollern

Implementation Work
Stream Lead



Adrian Kelly

AI Use-Cases Work Stream
Lead



Ben Sooter

Domain-Specific Model
Work Stream Lead





Open Power AI Status Update

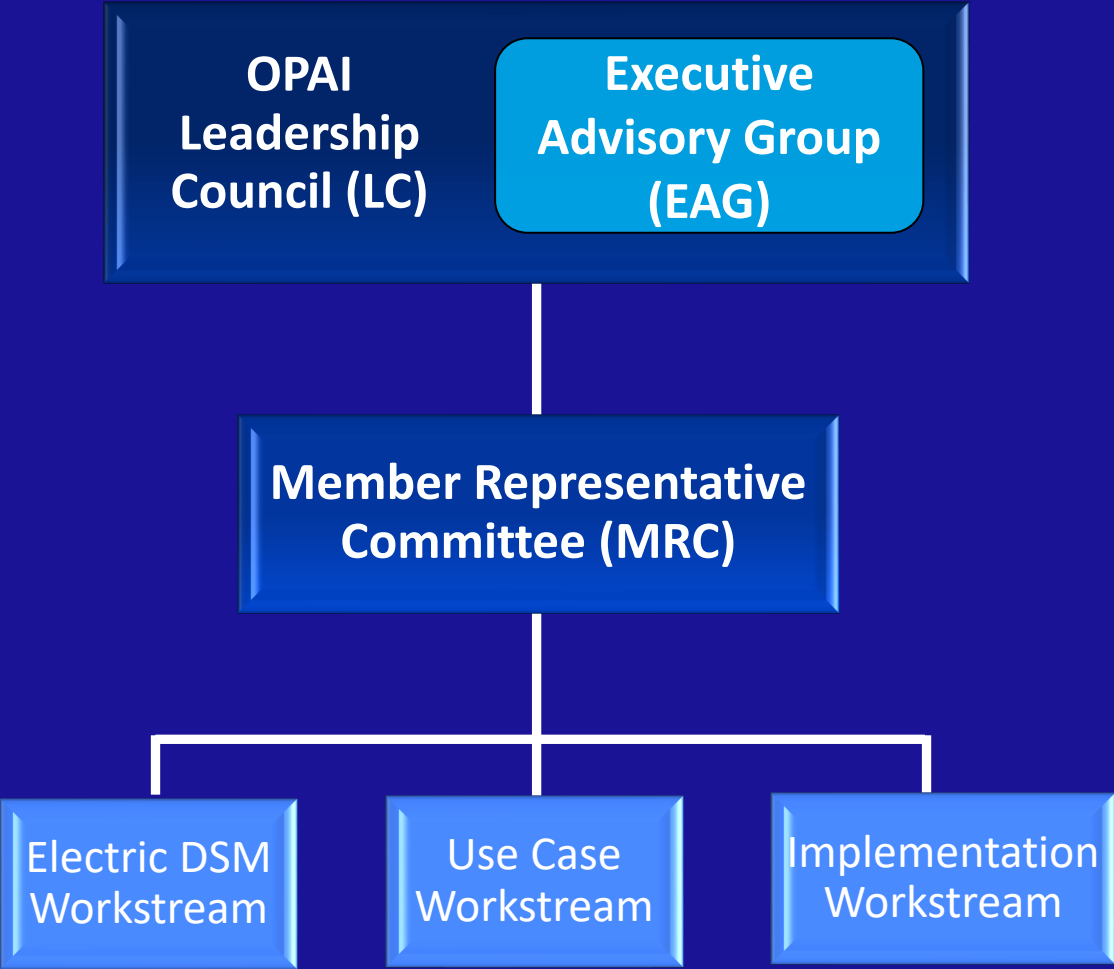
OPAI Consortium Member Engagement

 Consortium Engagement

Many companies continue to join the consortium

>175 Confirmed Members

>125 MOU/Requests In-Process



<https://msites.epri.com/opai>

OPAI Participants

AI and Energy Technology Partners



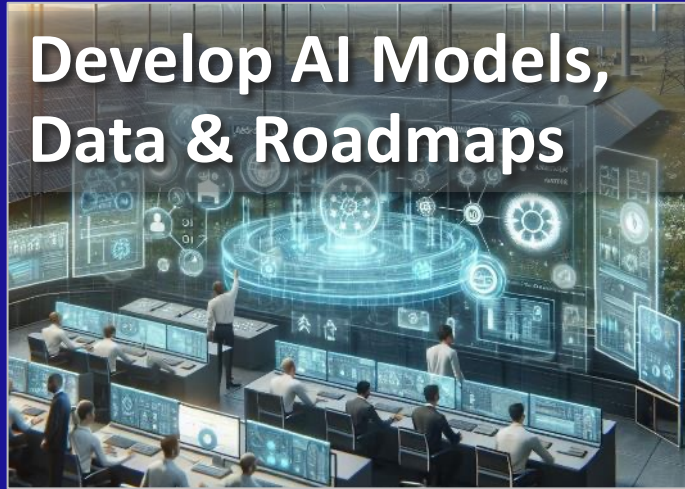
Academia & Other Strategic Partners



Energy Partners



Open Power AI Consortium – Key Objectives



Create an ecosystem for stakeholders to identify, develop, validate and deploy AI solutions to transform the electric sector

Open Power AI Consortium – Key Objectives

Collect Data, Develop Libraries & AI Models



Create an AI Sandbox



Implementation and Lessons Learned



Implementation and Lessons Learned

- Collaborate with leading AI developers to deploy AI models.
- Develop a feedback loop from deployments for refinement and optimization.
- Maximize impact via knowledge sharing among consortium members.

Data Readiness White Paper

How can we properly leverage data to support AI initiatives?



EPRI



2025 White Paper

AI Readiness in Utilities: Turning Data into Strategic Advantage



The first in a series of guidance documents to accelerate AI implementation



Implementation Workstream

Implementation Workstream Goals & Desired Outcomes

1. Connect commercially available AI solutions to end-users
2. Transfer, pilot, and implement new use-case solutions to industry
3. Foster a collaborative environment to improve the AI value proposition
4. Collect lessons learned through applications, demonstrations, and scaled implementation
5. Develop AI implementation guidance to help companies with successful implementation and value realization

Three Main Thrusts to Accomplish Goals

Research Products

- Value: Learning from implementation opportunities



Outreach and Interactive Knowledge Transfer

- Value: Interactive collaboration and awareness
- Value: Presentation opportunities



AI Tool Implementation

- Value: Experience with AI tools and streamlined implementation
- Value: One-on-one and community use-case build out



Proposed Workstream Research Output

- Possible papers, deliverables, and outputs from the work stream could include the following:
 - Papers or guidance
 - Deployment playbooks
 - Implementation best practices
 - Websites or wiki pages
 - Success stories
 - FAQs
 - Applied implementation tools
 - Assessment opportunities
 - Check lists



Outreach and Knowledge Transfer

- Periodic Web Meetings
 - Target monthly
 - 1 – 1.5 hours depending on content
 - AI tool presentations – commercial and internally developed
 - Implementation lessons learned
- OPAI Workshops
 - Implementation sessions and demonstrations



AI Implementation & Collaboration Opportunities

- Develop relationships between the work stream participants to share lessons learned and collaborate on new opportunities to implement AI and share experiences.
 - Foster with structured and facilitated opportunity for meaningful AI tool adoption – through the entire lifecycle (planning -> scale)
 - Build additional capabilities for commercial partners
 - Leverage the EPRI project development and execution structure
- Develop industry guidance to de-risk AI implementation and help to provide best practices for accelerated value realization



Workstream Next Steps

Building a Web Meeting Schedule

OCTOBER						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Work Stream Kickoff

NOVEMBER						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Commercial Tool Intro
Utility Implementation Story
1.5 hr Meeting

DECEMBER						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Commercial Tool Intro
1 hr Meeting

Call for volunteers to present.
Send invitations for remaining 2025 meetings.
Develop 2026 schedule over the next months.

	Implementation Work Stream Virtual Meeting
	Use-Case Work Stream Virtual Meeting
	Domain-Specific Model Virtual Meeting
	OPAI Executive Advisory Group
	OPAI Member Representative Committee
	EPRI Holiday

Outreach to Facilitate Implementation Opportunities

- Priority: Facilitate opportunities to implement commercial or purpose-built AI tools to collect implementation feedback.
 - Expand awareness of the commercial tools in the market.
 - Determine if there is interest in performing pilots, demonstrations, and full-scale implementation.
- Discussions through web meetings
- One-on-one meetings
- Bring in additional personnel as needed
- Bring in more collaborators and partners



TOGETHER...SHAPING THE FUTURE OF ENERGY®