

# OPAI Consortium

*Data Sharing Working Group*

*February 16, 2026 10:00am EST*

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# Agenda

10:00 a.m.

Meeting Overview & Objectives

10:05 a.m.

Use Case Survey

10:10 a.m.

Discussion

10:20 a.m.

Contractual Templates & Prioritization

10:30 a.m.

Discussion

10:40 a.m.

Potential Clauses

10:50 a.m.

Discussion

11:00 a.m.

Adjourn



# Objectives

# Data Sharing Working Group Objectives



## Enable Data Sharing

Enable responsible data sharing to support energy-specific AI tool/solution development



## Legal Terms

Collaboratively develop contractual templates to facilitate data and information sharing based on type of info. shared. Include security mechanisms appropriate for data and information shared.



## Security Mechanisms

Define appropriate transmittal, storage requirements. Leverage synthetic data, anonymization and aggregation options



# Use Case Survey Results

# Transforming Survey Data to OPAI Member Value

Use Case  
Assessment  
Criteria  
Prioritization

- Top 5-10 Reliability and Resilience
- Easiest to implement
- Least risky...etc
- Company confidential benchmarks relative to industry



Utility and  
Industry Demo  
Spotlights

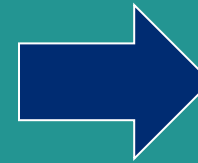
- Reference and spotlight utility or technology use case implementations



Published soon on  
<https://openpowerai.org/>

Use Case  
Functional  
Prioritisation

- Top 5 10 Asset Management
- Top 5-10 Operations
- Top 5-10 Markets, Nuclear....etc



Use Case to  
Technology  
Matching

- Map high priority use cases to medium to high technology solution maturity



Use Case Co-Development

Use Case Co-  
Development

- OPAI will bring forward the highest priority use cases for co-development
- Potential data availability identified in survey, utilities with highest need may provide

# Key Takeaways from OPAI Use Case Survey Results – So Far!



Grid based use cases have the most responses relative to generation use cases. 7 of the top 10



A nuclear plant application (Real time automated visual inspection) scores the highest with 6+ Responses

Grid Asset High Speed Recording Data Insights scores highest grid use case with 7+ respondents.



Cyber security and engineering knowledge retrieval are the remaining 2 in the top 10 overall.



Most functions have viable top 5/10 use cases. 132 out of 261 have > 5 respondents. 5 is an initial arbitrary cut off for viability – this may increase or decrease with further input and analysis.

Thermal, Renewable, Nuclear generation use case evaluation had mostly small sample sizes, but some high scoring potential use cases, in particular nuclear use cases.



Next Steps: Continue data evaluation, parse text comments, share contributing company scores, different comparison modes for data, agreement on top use cases for co-development

# Contractual Templates



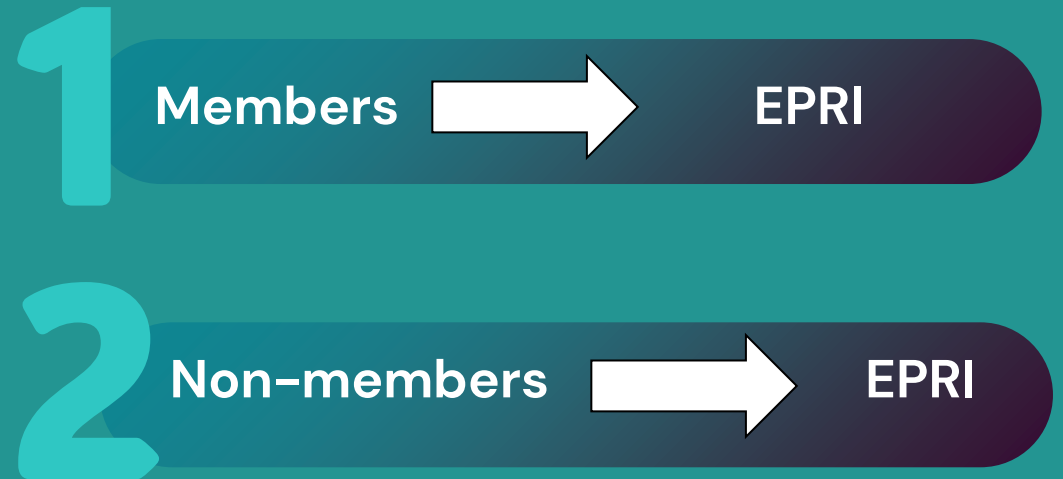
[This Photo](#) by Unknown Author is licensed under [CC BY-SA-4.0](#)

# TEMPLATES BASED ON FLOW OF INFO. AND DATA CLASSIFICATION

## Suggested Approach

As we follow the survey results and use case prioritization, we will have clarity on which templates are needed first. Deliverables based on the data are made available through the OPAI deliverable process.

Suggest using interchangeable clauses in templates based on data classification.



# INDUSTRY MODELS



## NERC/FERC

- Helpful for sharing regulated data
- Includes required confidentiality language, data classification and permitted use terms



## National Laboratories

- Neutral starting point
- Collaborative data sharing and publication



## AI/ML Models

- Industry templates lack terms specific to AI/ML
- Rights regarding derivative models and outputs



# Clause Candidates

# Clause Buckets

## Templates v. *a la carte*

- Plan to reuse most clauses in two primary templates:
  - One template for agreements with EPRI master agreements
  - One template for agreements without EPRI master agreements
- Each clause category will contain:
  - Standard terms
  - Optional terms depending on data sensitivity

➤ Foundational & Administration

➤ IP, Data Definition & Ownership

➤ Permitted Uses

➤ Security & Risk Management

➤ Data Lifecycle

➤ Data Sensitivities

# Clause Ideas

Foundational and Administrative	IP, Data Definition & Ownership	Permitted Uses	Security & Risk Management	Data Lifecycle	Data Sensitivities
Parties and Purpose	Data Description and Scope	Permitted Uses and Restrictions	Data Security Measures	Data Retention and Destruction	Confidentiality and Data Privacy
Governing Law and Dispute Resolution	Data Ownership and IP	Data Sensitivity Specific Restrictions	Nuclear Quality Assurance (NQA-1)	Data Handling	Personally Identifiable Information (PII)
Terms and Termination	Third Party IP		Export Control — EAR99/CCL and DOE Part 810	Audit Rights	Sensitive Energy Information (SEI)
Other Standard Clauses			Compliance with Laws and Regulations		Controlled Unclassified Information (CUI)
			Breach Notification and Incident Response		



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