

Critical Infrastructure Protection (CIP) for Energy Systems Consortium





Topics

Theme, Focus, Stakeholders, Leadership

Membership Benefits

Consortium Management

Membership Details

Copyrights and Intellectual Property

Next Steps

DAB Asks, Questions

Theme, Focus, Stakeholders, Leadership

Theme: Critical Infrastructure Protection (CIP) for Energy Systems

Focus: Facilitate Research and Education in CIP for Energy Systems

Stakeholders: Universities, Industry, Public/Government Entities

Leadership: University Personnel, Full Members of the Consortium

CIP: Critical infrastructure refers to information technology systems, operational technology systems, and real-time monitoring and control systems, as well as other mission-critical hardware, software, and data required to create, operate, and maintain resilient, intelligent, and sustainable energy systems.



Consortium Management

Executive Council (Membership, Responsibilities):

- *Co-Chairs: University President, dean of CECS*
- *Appropriate Senior Leader of each Full Consortium Member*
- *Consortium Director*
- *Other University Personnel (up to 3)*
- *Review/ Approve Strategy, Operational Plans, RFPs and Projects.*
- *Decisions: Quorum (2/3 of Membership), 75% of Quorum for Approvals*

Consortium Director (Qualifications, Responsibilities):

- *Tenured member of the University, appointed by University President, dean of CECS*
- *Responsible for Operation of Consortium, Implementing Executive Council Decisions, Budget, Funding, Expenditures, Industry Liaison, Interfaces with Executive Council and Board*

Board (Membership, Responsibilities):

- *Each Full Consortium Member will have one representative on the Board*
- *Chair: Consortium Director*
- *Implements Executive Council Decisions, Reviews Funded Research Efforts (Quarterly)*



Membership Details

Membership Fee:

- *Each Full Consortium Member will pay an Annual Fee of at least \$50k*
- *A Full Member can choose to pay a higher fee*

Membership Eligibility:

- *Industry, Public Sector, Government Entity with Interest and Expertise in the Focal Area of the Consortium*
- *Some Exceptions*

Membership Term:

- *Each Full Consortium Member will be a member for 3 years*
- *Termination of the Agreement requires 60-day notice in writing*



Copyrights and Intellectual Property

Copyrights

- UCF retains copyright in UCF works. Member's may receive a world-wide, non-exclusive, royalty-free commercial license via a separate license agreement.

Intellectual Property (IP)

UCF Inventions

- UCF retains the rights to inventions first conceived and reduced to practice solely by UCF.
- UCF may disclose inventions to Consortium Members in confidence.
- UCF shall grant a non-exclusive royalty free commercial license to consortium project inventions as requested by a Member. Member agrees to reimburse patent prosecution expenses.

Member Inventions

- Member retains rights to inventions first conceived and reduced to practice solely by Member

Joint Inventions

- Determined pursuant to U.S. patent law with joint ownership

Next Steps

Recruit at least 2 More Members:

- *Agreement requires minimum of 3 members to initiate efforts*
- *Seek “founding members” to reach critical mass to begin*

Announce the Consortium:

- *Publicize to increase membership and awareness*

Identify the Director, Executive Council, Board:

- *Put in place leadership and strategic management teams responsible for implementation*

Move to Full Implementation:

- *Leadership initiates and launches consortium activities*

Expand Consortium:

- *Active effort to expand membership beyond founding members*



DAB Asks

Consider Membership:

- *DAB members should consider membership as founding members*
- *Founding members will have strong input in consortium design and direction*

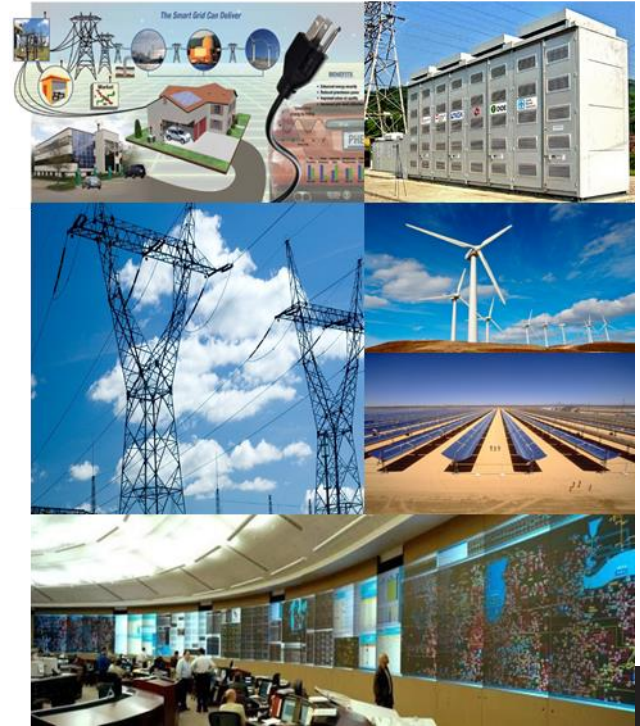
Promote Awareness and Recruit:

- *Make other potential consortium members aware and recruit*

Bigger Vision, Discussion, Q&A

Comments by Justin/Winston:

Discussion with DAB and Q&A:



Thank you

