

G-PST RESEARCH ADVISORY COMMITTEE (RAC) ORGANIZATION AND SCOPE



BACKGROUND

Pillar 1 of the GPST is focused on the research agenda of the Founding System Operators (FSOs), consisting of NG ESO, Eirgrid, Energinet, AEMO, and CAISO. The FSOs and research institutes of the Core Team have established a Research Agenda Group (RAG) to establish the research agenda for Pillar 1. There are many advanced system operators, manufacturers, consultants and universities around the world who are eager to participate in some way, have much to contribute, and whose participation we would like very much to have.

ORGANIZATION

Given that ESIG is the GPST lead for Pillar 1, we are planning to form the GPST Research Advisory Committee (RAC) as a committee of ESIG, which will minimize bureaucracy and overhead, as ESIG already has a functioning sub-group structure into which this activity can fit. The committee will have up to 12 representatives from all segments of the community, and the RAG and RAC will have at least one Sector Representative from each of the relevant sectors: e.g. advanced system operators, energy companies, manufacturers, universities, national labs, and consultants.

Following an indication of interest in Pillar 1 activities as expressed by completing the form at the Get Involved tab of the GPST website (www.globalpst.org), you will be sent an Interest and Qualification questionnaire. This questionnaire should be completed and returned by each interested party, after which representatives, one of whom will be selected to serve as committee chair and one as vice-chair, will be selected by the Pillar 1 management. Pillar 1 management consists of Mark O'Malley, ESIG, RAG chair; Charlie Smith, ESIG, Pillar 1 lead; and Debbie Lew, ESIG, RAG member. The Pillar 1 management team, along with one FSO, will serve as ex officio members of the RAC to help provide tight coupling with the RAG. The mechanism for future selection and rotation of committee members, chair and vice-chair positions will be decided by the committee at its first meeting.

The sector representatives will provide liaison with their sector membership and provide input to the RAG through the RAC and RAG chairs. Meetings of the RAC will be held on a semi-annual basis or more often as deemed appropriate in conjunction with the spring and fall ESIG technical workshops. Some joint meetings of the RAG and RAC may also be held as appropriate. Some input from other pillars of the GPST (e.g. Pillars 2 & 3) may also be provided through the RAC until their engagement structures are in place.



Mission:

The mission of the RAC is to:

1. Provide input complementing that of the RAG in establishing the research agenda for Pillar 1
2. Participate as SMEs in identifying solutions to research questions in Pillar 1
3. Participate as contributors in peer learning and technology transfer activities

Scope:

The following section provides an outline of the various ways in which an individual or organization may interact with Pillar 1 through the RAC. Topics of interest cover the full range of Pillar 1 activities, from providing technical input to maintaining awareness of ongoing activities:

PILLAR 1 TECHNICAL COLLABORATION

1. Assistance in identifying solutions to research questions in the short and longer term
2. Participation as a contributor in peer learning and technology transfer webinars
3. Participation as a subject matter expert (SME) in pursuing research questions either in response to an individual request or an open information call for assistance
4. Participation as a host for a technology demonstration
5. List of organizations interested in teaming with others to develop a research proposal related to the research agenda

Requirements for Pillar 1 Technical Collaboration Participation

- Agree to the G-PST principles
- Possess subject matter expertise in an area of interest identified by the RAG
- Demonstrated international recognition of capability

PILLAR 1 LEARNING AND INFORMATION SHARING NETWORK

1. Upcoming research proposal opportunities notification list
2. Quarterly newsletter on actions, highlights and progress of the Consortium
3. Invited participation in the Pillar 1 webinar series to be launched in Jan. 2020
4. Invited participation in the broader G-PST webinar series to be launched in Dec. 2020

Requirements for Pillar 1 Learning and Information Sharing Network Participation

- Agree to the G-PST principles
- General interest in staying updated on Pillar 1 activities

For more information, contact: info@esig.energy.

