

IEEE PES EXCELLENCE IN FACTS AND CUSTOM POWER AWARDS

INSTRUCTIONS AND NOMINATION FORM

Web version of the PES Nari Hingorani FACTS and Custom Power Awards Nomination Form is provided for the convenience of potential nominators and other interested parties. Website: <http://www.ieee-pes.org/membership/awards>

The Power Engineering Society of the Institute of Electrical and Electronics Engineers calls for nomination of outstanding individuals to receive the PES Nari Hingorani FACTS Award or the PES Custom Power Award. Intention is to give two awards per year, one for FACTS and other for Custom Power.

Award Titles:

- 1. PES Nari Hingorani FACTS Award**
- 2. PES Nari Hingorani Custom Power Award**

The FACTS or Custom Power Awards consists of a plaque, and an honorarium of one thousand dollars.

Description of the Awards:

Power electronics and other static Controllers are making a major impact on future power systems through application in transmission, distribution, and small generation. Applications in transmission and distribution include HVDC, FACTS and Custom Power. Since the introduction of the Flexible AC transmission System (FACTS) and Custom Power concepts, the technology has been moving ahead at an increasing pace. Very significant near to long term benefits of FACTS and Custom Power technologies are now recognized in the industry. The FACTS and Custom Power Awards will be for individuals who have made a major contribution to the state of the art of FACTS and Custom Power technologies and their applications.

The IEEE definition of FACTS is:

"Alternating Current Transmission Systems incorporating power electronics-based and other static controllers to enhance controllability and power transfer capability."

The IEEE definition of Custom Power is:

"The concept of employing power electronic (static) controllers in 1 kV through 38 kV distribution systems for supplying a compatible level of power quality necessary for adequate performance of selected facilities and processes."

By these definitions, the FACTS and Custom Power concepts, in addition to the hardware, software and applications work carried out since their introduction, incorporates considerable prior work done on Static VAR Compensators and other static Controllers.

Administration:

The IEEE Power Engineering Society will administer these awards through its Awards Committee and the FACTS and Custom Power Awards Committee.

Eligibility:

Individuals, who have made a major contribution to the state of the art of FACTS or Custom Power technologies and their applications, will be considered. A nomination must be for one or the other award, FACTS or Custom Power depending on where nominees accomplished most. It is recognized that there is overlap in various power electronics technologies and pioneering engineers are apt to be involved in more than one area. Therefore, the nomination for one or the other should also state accomplishments in the other areas of power electronics

The Award Committee may decide not to give either award if no qualified candidate is nominated.

Nomination Procedure:

A nomination written in English, along with at least four and up to six supporting recommendations must be received as an email package in MSWord format by the Chairman of the FACTS and Custom Power Award Committee on or before January 31st. These nominations will be considered for the award planned to be made during the annual IEEE Power Engineering Society General Meeting. The selection factors listed in the following section should be carefully considered during preparation of nomination Form and supporting letters. They

must be complete and provide sufficient information to establish the candidate's contribution(s) and role in FACTS or Custom Power technologies.

Marcio Szechtman, Chairman Nari Hingorani FACTS and Custom Power Award Committee
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Brazil,
Email: marcio@szechtman.net

Selection:

Factors to be considered in selecting the FACTS and Custom Power Awards include:

- The candidate's contribution(s) to FACTS or Custom Power technology.
- Originality or innovative nature of the contribution(s).
- Impact of the contribution(s) on FACTS or Custom Power technology and its applications.
- List of significant publications in FACTS or Custom Power.
- Candidate's stature in FACTS or Custom Power.
- Achievements in other fields or power electronics technologies.
- Professional activities or involvements.

6. INDIVIDUAL CONTRIBUTIONS. Specify succinctly.

A. Summarize the candidate's significant technical accomplishments relating to FACTS or Custom Power.

B. Describe the originality or innovative nature of the contributions.

C. Describe the impact of the contributions on FACTS or Custom Power technology.

7. EVIDENCE OF TECHNICAL ACCOMPLISHMENT. TYPE SIZE Should be 10 point or higher.

PART 1: List up to **five** most important items verifiable technical accomplishment, such as: technical publications; technical reports and presentations; patents; development of products, applications and systems; and, application of facilities and services.

PART 2: List not more than **10** additional items. Where possible, identify their individual importance.

8. ACHIEVEMENTS IN OTHER FIELDS

9. EVIDENCE OF PROFESSIONAL LEADERSHIP (contributions to professional societies, governmental organizations, etc.).

10. PES FACTS AND CUSTOM POWER AWARD SUPPORTING RECOMMENDATIONS List alphabetically the complete names. At least 4 are required and up to 6 will be accepted. Each reference is required to submit an endorsement letter, which should substantiate the nominee's qualifications. The letters must be limited to two pages.

1. Name: _____

4. Name: _____

2. Name: _____

5. Name: _____

3. Name: _____

6. Name: _____