

**Institute of Electrical and Electronic Engineers
Power Engineering Society
(IEEE-PES)
Standardization Strategy**

The following objectives have been established to provide direction for the PES standardization work:

- Work toward achieving globally harmonized standards that include essential regional differences.
- Provide leadership in the development of standards for new and emerging technologies.
- Improve the efficiency and effectiveness of the PES standardization processes.

To achieve these objectives, specific strategies have been established:

(IEEE-PES) Standardization Strategy # 1

Work toward achieving globally harmonized standards that include essential regional differences.

- For existing IEEE-PES standards for which there are similar existing standards, conduct an engineering evaluation of both standards and determine whether or not the IEEE-PES standard should be maintained. For those that are to be maintained, harmonize the IEEE-PES standard with the corresponding International Electrotechnical Commission (IEC) standard to the extent possible and include essential regional differences as necessary. In addition, work with the Technical Committees of the IEC under the Global Relevance concept to have essential regional requirements included in IEC standards as necessary. For those that are not to be maintained the standard should be withdrawn.
- For existing IEEE-PES standards for which there are no similar existing IEC standards, promote the adoption of those standards by IEC under the dual-logo agreement between IEEE and IEC working in conjunction with the Institute of Electrical and Electronic Engineers – Standards Association (IEEE-SA).
- For new PES standards projects, focus on areas not currently covered by existing standards elsewhere in the world, including essential regional requirements.

(IEEE-PES) Standardization Strategy # 2

Provide leadership in the development of standards for new and emerging technologies. Coordinate identification of specific efforts with the Manager, New Technical Programs, IEEE-SA.

- For areas of emerging technology within the scope of PES, identify specific areas that could benefit from new industry standards and establish new standards projects to develop them.
- Cooperate with IEEE SCCs that are working on standards that relate to the scope of PES and help to develop those standards.
- Liaise early with the IEC to ensure globalization.

(IEEE-PES) Standardization Strategy # 3

Improve the efficiency and effectiveness of the PES standardization processes.

- Employ an effective feedback process from standards developers to ensure that continuous improvement ideas are considered.
- Continue to evaluate PES' standards processes to determine how they could be made more efficient. Initiate pilot projects to test the effectiveness of suggested new processes. Publicize successful new processes and facilitate their use in future standards projects.
- Continue to evaluate and implement new tools that can help make better use of participants' time, maximize participation, and reduce the cycle time to produce standards.
- Continue to ensure adequate participation by consumers and users of the products that are the subject of the standards, and participation by the product producers, as well as general interest groups such as academia.