



## **ASME INTERNATIONAL**

### **POWER DIVISION BYLAWS**

**Revised March 28, 2008**

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POWER DIVISION

BYLAWS

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ASME POWER DIVISION  
BYLAWS

I. NAME

This Division shall be known as the Power Division of the ASME International. The society was formerly known as the American Society of Mechanical Engineers.

II. OBJECTIVES

A. To constitute a Professional Division within the Knowledge and Community Sector (K&C), Board on Technical Communities and ASME International, in accordance with the Society's Constitution, Bylaws and Rules in the fields of thermal, hydro and renewable power generation and usage.

B. To promote the art and science of electric power generation and use, in accordance with the following statement of scope:

The Power Division is primarily concerned with the field of thermal, hydro and renewable power generation and usage. Through professional publications, meetings and discussions, this Division provides a forum for the benefit of those engineers who have an interest in the development, design, selection, operation, maintenance, research, utilization and education related to power producing equipment and facilities.

The following subjects will be considered within the scope of the Division: Economics; plant-site fuel preparation; fuels and combustion technologies; combustion in power boilers; combined cycle power plants; the generation of steam, other vapors and gases, and their use in prime movers; hydroelectric and other energy conversion processes; condensate recovery; feedwater preparation; recovery of low-level heat in liquid and vapor cycles; cogeneration (combined heat and power); effects of power generation on the environment, methods, controls, techniques and equipment required to meet environmental compliance; renewable energy; materials, construction, quality assurance and methods for the advancement of any systems that lend themselves to the generation and use of power, generally in the form of electrical energy.

In line with its wide range of interest, the Division may cooperate on specific programs with any of the other professional division of ASME International and with other non-affiliated organizations that have allied interests.

C. To encourage and foster research and development and to summarize and publish reliable data of engineering importance pertaining to subjects within the Division's scope of activity by:

1. Encouraging the preparation and publication of papers on significant technical developments.
  2. Organizing programs in which papers are presented and discussed and at which all members of the Power Industry and the Society may meet on an equal basis to exchange experiences and technical data.
  3. Initiating special studies or investigations through cognizance of current industry requirements.
  4. Cooperating with other professional divisions, groups and committees within this and other professional societies with respect to standardization, research, preparation of papers, meetings, special services, and to the avoidance of conflicts and duplication of effort.
- D. To encourage and support engineering education in the thermal (both steam and combined cycle) and hydropower generation field.
- E. To direct attention to outstanding engineering achievements in the field of thermal, hydro and renewable power generation and usage with recommendations and suggestions as to suitable recognition for such achievements.
- F. To provide that the activities of the Division will be directed by members of the Society who have shown, through activities within the Division, the necessary ability and willingness to discharge such responsibilities.

### III. ACTIVITIES

The Division will organize, sponsor, and conduct technical sessions and national meetings or conferences of the Society as found appropriate.

The Division will, when appropriate, participate in joint sessions with other division or committees at meetings of the Society when such joint sessions are mutually desired by the participating divisions or committees.

Subject to the approval of the K&C, Board on Technical Communities, the Division will participate in joint sessions with other organizations when such participation is of benefit to the Division, to the Society, and to the professions.

The Division will identify and promote needed research in the field of thermal (both steam and combined cycle), hydropower and renewable power generation and usage.

The Division will recommend and submit papers, reports and data of permanent value or exceptional quality and interest for publication by the Society or by other means. The Division

will actively assist the Editor of the ASME Journal of Engineering for Power in the promotion of publication of papers of permanent interest in the field of power generation and usage.

IV. ORGANIZATION

The Division shall be organized in accordance with the Constitution, Bylaws and Rules of the Society. In case of conflict between these Bylaws and the Constitution, Bylaws and Rules of the Society, the latter shall govern.

Periodically, the EXCOM shall review its By-Laws and Operating Guides and keep them up-to-date. Once EXCOM has approved an updated version of the By-Laws, they are forwarded to the Board on Technical Communities. The Power Division By-Laws shall be reviewed as needed and no less than once every 5 years.

V. EXECUTIVE COMMITTEE

The Executive Committee (EXCOM) shall consist of five members selected from the membership of the Society as follows:

A. Organization of Committee

Prior to February 1 of each year, the EXCOM of the Power Division shall nominate to it's board one or more individuals and then vote on the appointment of the new member to the EXCOM. The Power Division Chair of EXCOM shall determine the method of selecting these individuals.

The term of each member shall be five years. The term of one member shall expire each year at the close of the Summer Annual Meeting or the close of the ASME Power Conference (whichever is later) and, in general, this member will be the senior (outgoing) member of the EXCOM.

The EXCOM shall elect its officers and no one shall be eligible for the chair until after this person has been a member of the EXCOM committee for one year. Generally, the member entering his fifth year of service as a member of this committee shall be the Chair and the member entering his fourth year shall be the Vice-Chair. The outgoing member is recognized as Past Chair.

The EXCOM shall appoint a combined Secretary and Comptroller to the Division who shall report the proceedings of the Division to the Executive Director and Secretary of the Society for notice in the publications. The Secretary also performs the Comptroller function with responsibility for financial reporting of the Power Division. The Secretary shall perform the duties of the Secretary and Comptroller of the Division under the direction of the EXCOM and its Chairman. Generally, the member entering

his third year of service as a member of the committee shall be the Secretary/Comptroller.

Each year, the EXCOM shall appoint a new Member. The new member will serve the first year as Assistant Program Coordinator. This position reports directly to the Program Coordinator with responsibility to the overall organization and technical coordination of the ASME Power Conference. This is to assure continuity from year to year in the planning and execution of the Conference. The Program Coordinator is responsible for the overall organization and technical coordination of the ASME Power Conference under the direction of EXCOM and its Chairman. Progression from years one through five is listed below. The positions within the executive committee are:

- Chair
- Vice chair
- Secretary / Comptroller
- Program Coordinator
- Assistant Program Coordinator

To assist in carrying out its work, the EXCOM may appoint, on an annual basis, additional members to the EXCOM. Such appointed members may participate in all deliberations of the Committee, but will not be entitled to vote.

To insure equitable representation of the various Power Division interests, the EXCOM shall normally represent the following fields of interest, insofar as practical:

- Steam Generators and Auxiliaries
- Steam Turbines, Generators, and Auxiliaries
- Combined Cycle
- Systems and Power Generation Facilities Design
- Plant Operations
- Fuels And Combustion Technology
- Hydro Power
- Heat Exchangers
- Reliability, Availability, and Maintainability
- Renewable and Advanced Energy Systems

B. Assistants to the Executive Committee

A “Membership Chair” will be appointed by the EXCOM chair to assist the power division in its goal of identifying candidates for the incoming EXCOM position and the retention and recruitment of Division members. The membership chair will

generally be most immediate past chair of the EXCOM. This person will be an ex-officio member of the EXCOM.

As an outgrowth of the use of the Internet for communications within the Division increases, the EXCOM chair shall appoint a person to maintain the Division's web pages on the ASME site. This position will be named the Division's "Webmaster." This person will be an ex-officio member of the EXCOM.

To carry out the Division's goals and objectives, additional support personnel may be required beyond the availability of Division volunteers. In recognizing this issue, the chair of the EXCOM is authorized to recommend the periodic use of additional paid support staff to supplement volunteers and ASME International's staff. Engagement of these administrative support personnel will be approved by the EXCOM.

C. Meeting Procedures

There will be at least two and preferably three meetings of the EXCOM each year. The three general meetings will be held through out the year, and a fourth planning meeting in the spring as determined by the Chair. The Chair shall call meetings of the EXCOM at such places and times as he may deem appropriate or shall be called if requested by at least two members of the EXCOM.

Three voting members of the EXCOM shall constitute a quorum, but at least two of these members must be actually present and not represented by proxy. Except where specifically stated otherwise, all actions of the EXCOM shall be determined by majority vote of those voting.

Periodic teleconferences will occur throughout the year as recommended by the chair or at least two other EXCOM members. It is expected that these telephonic meetings will occur approximately every two months.

D. Responsibilities and Powers

The EXCOM shall be responsible for the promotion of the interest and activities of the Division as broadly outlined under Objectives and Activities. It will provide specifically for program planning, paper review, membership development, honors, publicity, and other functions within the Division's scope as necessary. The EXCOM shall establish and direct committees and representatives as needed to aid in the conduct of the Division's activities.

Officers, Secretaries, Committees and representatives, other than the EXCOM, are elected or appointed annually in a manner determined by the EXCOM. Members shall be eligible for reappointment.

## VI. GENERAL COMMITTEE

The EXCOM shall appoint committees to aid in the conduct of the Division's activities. These committees shall be classified as Administrative, Technical, Special, or Ad Hoc committees and shall in total be considered as the General Committee.

The Administrative, Technical, Special, and Ad Hoc Committees shall meet at least twice a year, preferably during meetings of the annual ASME Power Conference. The Hydro Power Committee may meet at other venues that are more appropriate for their memberships. Additional committee meetings may be called at the discretion of each committee.

A representative of each Administrative, Technical, Special, and Ad Hoc Committee will meet with the EXCOM, as directed by the EXCOM, at least twice a year.

### A. Administrative Committees

Administrative Committees will consist of no less than four members including a Chair, Vice-Chair, Secretary and the assigned liaison member of the EXCOM. The following will be the Administrative Committees:

#### 1. Program Coordination Committee

The Program Coordination Committee shall be responsible for representing the Division in the planning of programs for Division, Society and joint Society technical meetings, and for the overall coordination of the Technical Committees' programming, long-range planning, communications with Society administration, and related administrative duties.

The Program Coordination Committee shall consist of the Chair, Vice-Chair, the Vice-Chairman of each Technical Committee, the Papers Review Coordinator of each Technical Committee, and Division representatives to programming activities.

The Program Coordination Committee shall nominate to the EXCOM representatives to the following programming activities:

- a. ASME Power Conference Sponsors Committee
- b. ASME Power Conference Technical Program Representative
- c. Other conferences in which the Division participates.

#### 2. Public Affairs Committee

The Public Affairs Committee shall be responsible for informing Division membership and the public of Division activities. In addition to publicity, the Committee will accomplish the objectives of liaison and communications with other ASME Divisions and

Sections, other societies, the public and government. The Committee shall also be responsible for developing and retention of membership in the Society and in the Division.

The Public Affairs Committee shall also be available to encourage and promote responses to technical issues involving Government actions and Power Division activities and shall represent the Power Division in developing information for the ASME Washington, D.C. office for use with Federal Government agencies, legislative staff personnel, and Congressmen. This committee will provide a factual engineering information source to aid Federal legislative and administrative agencies and committees in formulating sound laws and regulations. The committee's activities shall be in accord with the latest revision of ASME Policy P-15.1.

3. Honors and Awards Committee

The Honors and Awards Committee shall be responsible for seeking out and recommending to the EXCOM worthy candidates for honors and awards in the field of power generation and usage.

The Committee shall propose to the EXCOM a representative to the ASME George Westinghouse Gold and Silver Awards Committee and members to the Prime Movers Award Committee. The appointed representatives and members shall become members of the Honors and Personnel Committee. The Committee shall also propose to the EXCOM representatives to the Landis Medal and Potter Medal Award committees.

4. Education and Research Committee

The Education and Research Committee shall work with Deans of Engineering and the Council on Education to improve engineering education and to encourage the development of engineering graduates in the field of power generation design, manufacture, operation and usage. The Committee shall also maintain cognizance of research in the power generation field, recommending research programs to the Society when deemed appropriate.

5. International Relations Committee

The International Relations Committee shall coordinate and consolidate the International activities in representing the Society and the Division to interested members who are geographically remote from the normal activities of the Division. The Committee shall promote and arrange technical presentations by foreign authors. The Chairman of this Committee shall be appointed by the EXCOM.

B. Technical Committees

Technical Committees will consist of no less than eight members, including a Chair, Vice Chair, a Secretary and a Papers Review Coordinator. The membership of each Committee will include representatives from several fields of interest, such as, equipment users, manufacturers, academia, consultants, and government. The Vice Chair of each Technical Committee shall represent his technical committee on, and be a member of, the Program Coordination Committee.

Technical Committees will be responsible for maintaining technical cognizance to all industry matters of a mechanical engineering nature applicable to the area encompassed by their specific committee. This includes responsibility for planning and preparation of meeting programs and papers acquisition, selection and review. Technical Committees will also be responsible for technical activities related to standards, research and development.

The Program Coordinating Committee will administer overall coordination of programs among the various Technical Committees, and between Technical Committees and the Society.

The following are the Technical Committees:

1. Steam Generators and Auxiliaries Committee

The Steam Generators and Auxiliaries Committee will direct attention to steam generators, and all auxiliaries located in the fluid and process cycles associated with steam generators and associated controls and instrumentation.

2. Steam Turbines, Generators, and Auxiliaries Committee

The Steam Turbines, Generators and Auxiliaries Committee will direct attention to steam turbines, electrical generators, condensers,

cooling towers, low pressure pumps, boiler feed pumps, feedwater heaters and related equipment in both the utility and independent power environments.

3. Combined Cycle Committee

The Combined Cycle Committee will direct attention to all aspects of the combined cycle power plant that utilizes combustion turbines, with heat recovery steam generation and related equipment in both the utility and independent power environments.

4. Systems and Power Generation Facilities Design Committee

The Systems and Power Generation Design Committee will direct attention to power plant systems such as thermal cycles, combustion air and gas, cooling water, piping and other power plant mechanical equipment systems and all matters pertaining to their design and erection.

5. Plant Operations Committee

The Plant Operations Committee will direct attention to the selection, performance, operation and maintenance aspects of electric power generation equipment and systems in both the utility and independent power environments.

6. Fuels and Combustion Technology (FACT) Committee

The FACT Committee will direct attention to the research, selection, performance, operation and maintenance aspects of fuels and combustion technology

7. Reliability, Availability and Maintainability (RAM) Committee

The Reliability, Availability and Maintainability Committee will direct attention to the reliability, availability and maintainability of electric power generation equipment and systems in both the utility and independent power environments.

8. Heat Exchangers Committee

The Heat Exchangers Committee will direct attention to the selection, performance, operation and maintenance aspects of electric

power generation relative to all types of heat exchangers in both the utility and independent power environments.

9. Hydro Power Committee

The Hydro Power committee will direct attention to the selection, performance, operation, and maintenance aspects of utility hydropower equipment and systems.

10. Renewable Energy and Advanced Energy Committee

The Renewable Energy and Advanced Energy Committee will direct attention to the research, selection, performance, operation and maintenance aspects of renewable and advanced forms of energy.

C. Special Committees

The EXCOM from time to time may appoint Special or Ad Hoc Committees to carryout the objectives of the Power Division. These Committees will, in general, consist of no less than three members, including Chair, Vice-Chair, and Secretary. The EXCOM may increase or decrease the size of any committee as the need may arise. The duties, responsibilities, and makeup of these committees will be recorded in the minutes of the EXCOM. An ad hoc committee on combined cycles is currently approved for addressing the unique aspects of this technical area.

VII. SPECIAL REPRESENTATIVES

A. Division Associates

With the approval of the EXCOM, the Chair may appoint Division Associates, who are not members of the Society, to cooperate in the work of the Division and to attend committee meetings, without the right to vote.

B. Sponsors

Sponsors may, when desirable, be appointed by the EXCOM to foster activities in particular branches of the Division's activities.

VIII. PROCEDURE FOR AMENDMENT TO THE BYLAWS

An ASME member in good standing who is also a member of the Power Division may propose an Amendment to these Bylaws in writing to the any member of the EXCOM. Adoption of the amendment shall require four assenting votes by EXCOM members, cast by letter ballot or

at a legally constituted EXCOM meeting. Amendments to the bylaws shall be subject to the approval of the Board on Technical Communities. before becoming effective.