

# RECLAMATION MANUAL

## Policy

### *TEMPORARY RELEASE*

*(Expires 06/02/2009)*

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<b>Subject:</b>	Power Operations and Maintenance Technical Standards
<b>Purpose:</b>	Establish the minimum requirements for uniform level of accomplishments in power operations and maintenance. The benefits of establishing the minimum requirements are lower cost of operating and maintaining facilities through the development of innovative implementation techniques and increased efficiency.
<b>Authority:</b>	The Reclamation Act of 1902 (Act of June 17, 1902, 32 Stat. 388), the Town Sites and Power Development Act of 1906 (Act of April 16, 1906, ch. 1361, 34 Stat. 116), Federal Power Act of 1920 (Act of June 10, 1920, ch.285, 41 Stat. 1063), Reclamation Project Act of 1939 (Act of August 4, 1939, ch. 418, 53 Stat. 1187), Energy Policy Act of 1992 (Act of October 24, 1992, 106 Stat. 2776), Energy Policy Act of 2005 (Act of August 8, 2005, 119 Stat. 594), and acts relating to individual projects.
<b>Approving Official:</b>	Commissioner
<b>Contact:</b>	Director, Technical Resources (86-60000)

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1. **Introduction.** The Bureau of Reclamation is striving to develop a uniform set of requirements for the operations and maintenance of power facilities. These requirements must provide a sufficient level of detail to ensure consistent application and still provide flexibility for the use of innovative techniques and approaches to meet the requirements.
2. **Applicability.** This release is applicable to any office in Reclamation engaged in the operations and maintenance of power facilities including the administration of programs associated with the operations and maintenance of power facilities.
3. **Definitions.**
  - A. **Facilities Instruction Standards and Techniques (FISTS).** FISTS are Reclamation documents that describe practices that are used in the operations and maintenance of power facilities across the power industry.
  - B. **Power Equipment Bulletins (PEBS).** PEBS are documents that provide special notification of equipment-specific issues, actions, and mitigations that offices must take when operating or maintaining that equipment.
  - C. **Local Instructions.** Practices approved by the regional directors or their designated representative related to the operations and maintenance of power facilities.

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#### 4. Responsibilities.

- A. **Regional Directors.** Each regional director or their designated representative will establish and approve local instructions that implement requirements set forth in the Reclamation Manual Directives and Standards (D&S) for power facilities.
  - B. **Regional Power Managers.** Power managers from each region will participate in the development of D&S for power facilities.
  - C. **Power Resources Office Manager.** The Manager for the Power Resources Office will facilitate and coordinate the development of D&S for power facilities. In addition, the Manager for the Power Resources Office will administer the development and maintenance of FISTS and PEBS for power facilities. The Power Resources Office will ensure that both the D&S and the local instructions are used as the basis for evaluating the effectiveness of the operations and maintenance at power facilities.
5. **Policy.** The Power Resources Office, in collaboration with the Regional Power Managers as well as representatives from offices engaged in the administration of programs supporting operations and maintenance at power facilities, will develop D&S that establish the requirements for the operations and maintenance of Reclamation power facilities. The D&S requirements will serve as the basis for establishing local instructions in each region.
6. **Scope of the D&S for Power Facilities.** Within Reclamation there are certain actions which Reclamation has determined are required to ensure a uniform level of accomplishment in power operations and maintenance. These actions, will be captured in Reclamation Manual D&S, and establish requirements for:
- A. **Work Practices.** Protecting employees while engaging the operations and maintenance of facilities.
  - B. **Mission Impacts.** Ensuring equipment is maintained at a level that supports the mission of Reclamation.
  - C. **Departmental Requirements.** Ensuring Reclamation conforms to requirements based upon, and consistent with its statutory and regulatory authority, Executive Orders, Office of Management and Budget, Secretarial Orders, or departmental requirements.
  - D. **Regulatory Requirements.** Ensuring Reclamation conforms to requirements by other agencies with regulatory authority.

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7. **FISTS and PEBS Development and Maintenance.** The Power Resources Office will continue to administer the development of the FISTS and PEBS for use by the various regions.
8. **Local Instructions Development.** Each region is required to develop the appropriate local instructions that establish techniques and approaches to ensure the requirements are met. The local instructions must be documented and approved by the regional director or delegated individual. Each regional director may approve part or all of any volume of the FISTS as local instructions.
9. **Requirements for the Use of FISTS, PEBS, and Local Instructions.**
  - A. **FISTS.** When approved as a local instruction by the regional director, they will be used in the Power Review of Operations and Maintenance Inspections.
  - B. **PEBS.** When PEBS are approved as a local instruction by the regional director, they will be used in Power Review of Operations and Maintenance Inspections.
  - C. **Local Instructions.** The local instructions will be used in conjunction with the requirements in the Reclamation Manual D&S for operations and maintenance of power facilities to evaluate the performance during periodic and comprehensive review of operations and maintenance inspections as part of the Power Review of Operations and Maintenance Program.