

Electricity 2011: Clearance of Electricity Surveys

**Presentation to
the American Statistical Association Committee on Energy Statistics**

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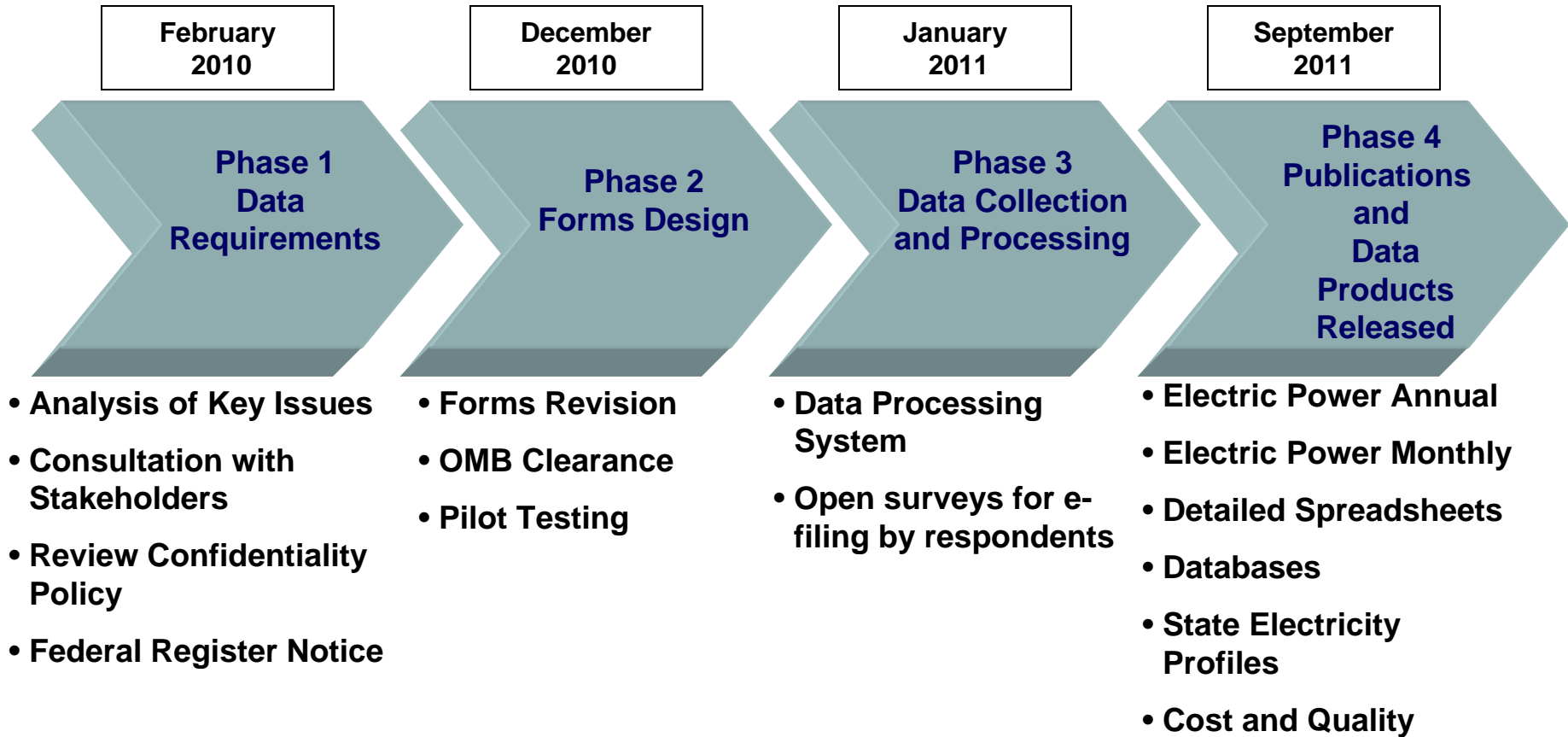
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Disclaimer: This is a working document prepared by the Energy Information Administration (EIA) in order to solicit advice and comment on statistical matters from the American Statistical Association Committee on Energy Statistics. This topic will be discussed at EIA's spring 2009 meeting with the Committee to be held April 2 and 3, 2009.

Overview

- EIA Forms are subject to clearance by OMB
 - Must consider Paperwork Reduction Act—reduce burden on respondents
 - Opportunity to modify forms to reflect changes in industry structure, technology and operations
 - Accomplished through public notice and comment process conducted by EIA and OMB
- Major changes Electricity 2008
 - Combined four forms into the EIA-923 Power Plant Operations Report
 - EIA-423 and FERC-423 Monthly Cost and Quality of Fuel
 - EIA-906 Power Plant Report
 - EIA-920 Combined Heat and Power
 - Incorporate elements of the EIA-767 Steam Electric Plant Design and Operations
Reduced reporting burden
 - Improved quality of reported of fuel data consolidating respondent frame with one agency
 - Addressed confidentiality issues

Four-Phase Approach



Proposed Revision to EIA-861

Annual Electric Power Industry Report

- Schedule 2, Part D: Net metering
 - Add MW of net metered capacity
 - Add fuel type for net metered capacity

- Evaluating definitions of commercial and industrial customers
 - NAICs codes versus utility tariff eligibility provisions
 - Improve consistency in reporting across respondents

Proposed Revision to EIA-861

Annual Electric Power Industry Report

Schedule 4, Part A-D

- Divided full service customer data between customers receiving market-based generation under a standard offer service versus cost-based full service
- Request entities providing delivery service only report unbundled sales and revenue data by individual
 - Consistent with EIA-826
 - Goal is to minimize differential between energy only service (Part B) and delivery-only service (Part C) at the State level

Proposed Revision to EIA-860

Annual Electric Generator Report

- Add new types of generation over 1 MW
 - Tidal/ocean
 - Storage (e.g., battery, flywheel, compressed air)
- Clarify definition of reactive power
- Extend planning horizon from 5 to 10 years on EIA-860

Proposed Revision to EIA-923

Power Plant Operations Report

- Minimal changes following Electricity 2008 forms consolidation and revisions
- Track addition of new generation technologies added to the EIA-860
- Require identification of distribution and pipeline companies delivering to power plants--quality check for EIA-176-Annual Natural Gas Supply and Disposition frame
- Add check box to identify mine mouth coal plant to improve transportation component of coal cost data
- Collect total plant efficiency rating for Combined Heat and Power (CHP)

Proposed Revisions to EIA-411

Coordinated Bulk Power Supply Program Report

- Return to 10 year data projections
- Collect all current NERC Regions and Subregions

Potential Stakeholder Meetings

- **National Association of Regulatory Utility Commissioners**
- **American Council for Energy-Efficient Economy**
- **American Public Power Association**
- **Combined Heat and Power Association**
- **Edison Electric Institute**
- **Environmental Protection Agency**
- **Federal Energy Regulatory Commission**
- **National Association of State Energy Officials**
- **DOE Office of Electricity Delivery and Energy Reliability**
- **EIA Offices**
- **North American Electric Reliability Corporation**
- **Electricity Consumers Resource Council**
- **Electric Power Supply Association**
- **National Mining Association**
- **National Rural Electric Cooperative Association**

Benefits of E-Filing

- Over 90 percent of all forms (37,000) submitted by e-filing
- Improves data quality
 - Built in edits and pull-down items minimize respondent input errors
 - Faster response by e-filing allows for near real-time review of data
- Reduce time between data collection/procession and release of data products and publications