



 **SPP** *Southwest
Power Pool*



Southwestern
Regional Hydropower
Conference
Kansas City, Missouri
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Ron Ciesiel

Director of Compliance

Southwest Power Pool




Organization Registration

Generation Owners and Generation Operators



Electric Reliability Organization Overview

 **Canada**
NEB, Alberta, British Columbia, Manitoba, Ontario, New Brunswick, Nova Scotia, Quebec, and Saskatchewan

 **United States**
Federal Energy Regulatory Commission

 **Mexico**
Comision Reguladora de Energia

Government Oversight

Electric Reliability Organization

Regional Entities

Reliability Standards

Compliance Enforcement

Reliability Assessment

Other ERO Members

Bulk Power System Owners, Operators, Users



Why Register?

- ❖ **Standards are mandatory for users, owners and operators of bulk power system**
 - ◆ **Compliance Monitoring and Enforcement**
- ❖ **Registration provides communications conduit for NERC <-> Region <-> Entity**
 - ◆ **Standards Alerts**
- ❖ **Registration will be voluntary or involuntary**



Who Needs to Register?

- ❖ **Users, owners and operators of the bulk power system that meet the criteria outlined in the NERC Standards and Functional Model including:**
 - ◆ **Generation Owners**
 - ◆ **Generation Operators**
- ❖ **At this time, there are no thresholds specified for size, operational hours or voltage interconnection**
 - ◆ **Regional Compliance Managers have submitted suggested registration thresholds to NERC**



Generator Owner [GO] versus Generator Operator [GOP]

Generator Owner

- ◆ **Attributes [Off-Line Activities]**
 - **Certify ratings for modeling**
 - **Fund maintenance requirements**
 - **Site new facilities**
 - **Fund and report periodic testing**

Generation Operator

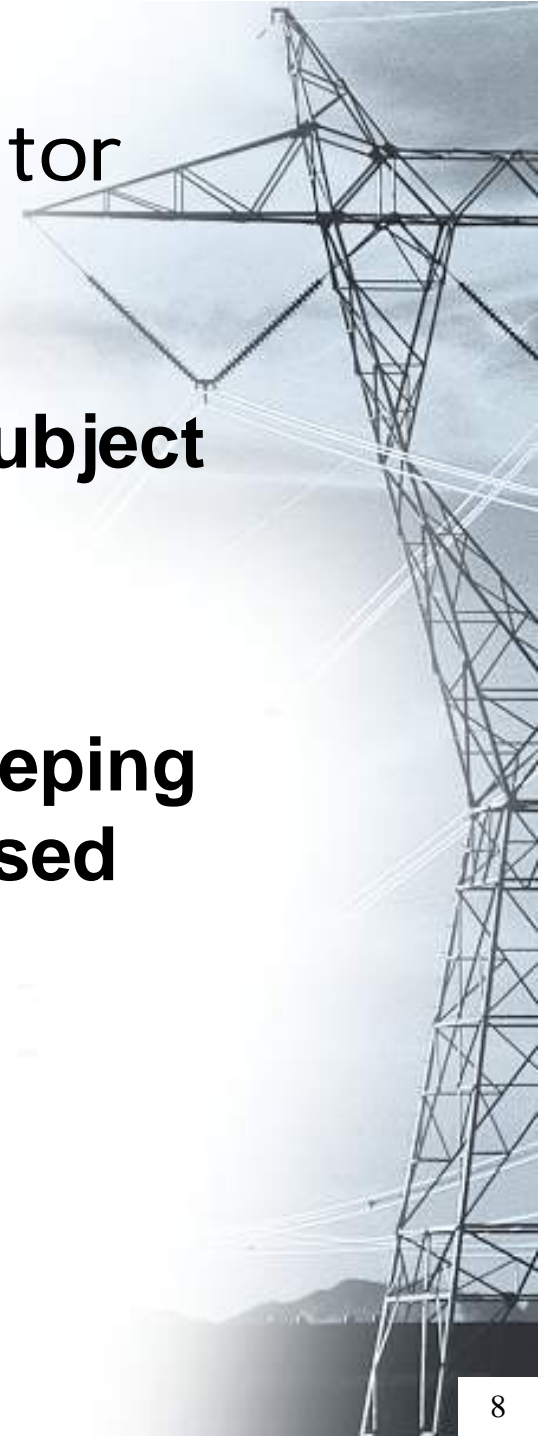
- ◆ **Attributes [On-line or Real-time Activities]**
 - **Communicate real-time values**
 - **Provide daily generation plans**
 - **Report status of equipment**





Generator Owner & Generator Operator

- ❖ **Most generating facilities are subject to the recent Cyber Security standards**
- ❖ **Increased paperwork, recordkeeping and reporting leading to increased personnel requirements**





How to Register in SPP?

❖ **Currently:**

- ◆ **Contact Ron Ciesiel or Kevin Goolsby [Info at the end of presentation] for requirements:**
 - * **Entity identification information**
 - * **Personnel contact information**

❖ **End of 2nd Quarter 2006**

- ◆ **On-line registration will be available**





What Happens In 2006 After Registration?

- ❖ **Information is shared with NERC**
 - ◆ **Presently this information is considered confidential**
- ❖ **Entity is added to appropriate information distribution lists**
 - ◆ **Standards Announcements**
 - ◆ **Meeting Announcements**
 - ◆ **Compliance Program Announcements**
- ❖ **In 2006, no change in Region <-> Entity relationship**



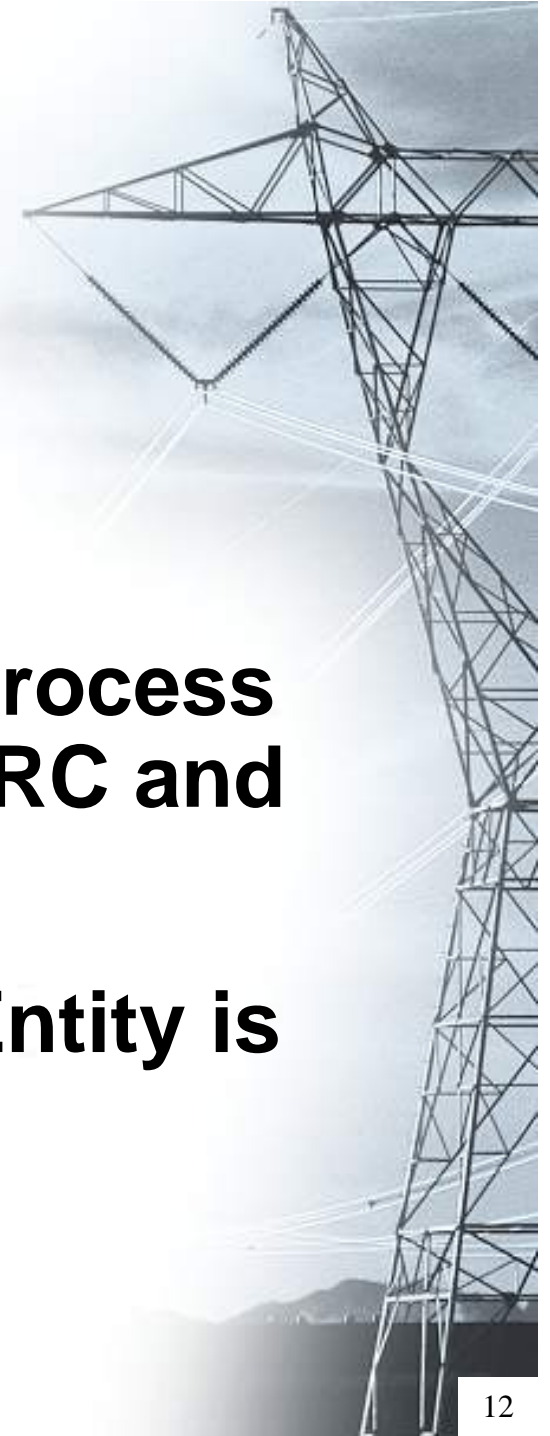
2007 and Beyond

- ❖ **Expectation is that compliance to standards will be mandatory**
- ❖ **Increased testing of equipment will be required**
- ❖ **Increased documentation of test results and increased reporting requirements**
- ❖ **Participation in annual compliance program will be mandatory**



2007 and Beyond

- ❖ **Enforcement will include financial penalties**
- ❖ **All entities will have due process protections of Region, NERC and FERC**
- ❖ **Membership in Regional Entity is not mandatory**



Questions?



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