

A Year 2000 Readiness Disclosure

NERC Y2K ELECTRIC SYSTEM READINESS ASSESSMENT
Substation Controls, System Protection and Distribution

Version 3.1

1. Date 6/30/99

2. Are the following mission-critical* facilities Y2K ready?

Transmission and/or distribution facilities internal to substations

- Microprocessor relays?
- Special protection schemes (gen. reject'n., line trip., etc.)
- Load shedding controls and underfrequency relays
- Circuit breaker and switching device controls
- LTC and regulator controls - inside the substation
- Recloser controls - inside the substation
- Digital fault recorders / digital transient recorders?
- Terminal equipment for telecommunications facilities?
- Substation service controls (incl. battery chargers)
- Disturbance analyzers?

	% Completion			
	N/A)	I)	A)	R)
	100	100	100	
	100	100	100	
	100	100	100	
	100	100	100	
	100	100	100	
	100	100	100	
100				
	100	100	100	
	100	100	100	
	100	100	100	

- N/A) Not applicabl
- I) Inventory
- A) Assessment
- R) Remediation and testing

Distribution facilities outside the substation

- Transfer/recloser controls - outside the substation
- Sectionalizer controls - outside the substation?
- Capacitor controls - outside the substation?
- Voltage regulators - outside the substation?
- Data gathering equipment - outside the substation?

	100	100	100	
	100	100	100	
100				
	100	100	100	
	100	100	100	

(% Complete - Report as amount of work completed in each phase divided by total amount of work to do in that phase. If no remediation and testing is required in an area that was inventoried and assessed, then show remediation and testing as 100% complete.)

3. What percentage of your mission-critical* substation, system protection and distribution controls do you expect to be Y2K ready** by the end of:?

	3Q98	4Q98	1Q99
	100	100	100

*Mission-critical means that misoperation of the referenced device or software could directly contribute toward the loss of a 50 MW or larger generating resource, the loss of a transmission facility, or interruption of system load.

	2Q99	3Q99	4Q99
	100	100	100

** Y2K Ready means a system or application has been determined to be suitable for continued use into the year 2000.

4. Have you completed an integrated test of the facilities listed in 2 above?

N/A Yes No

5. Have you completed contingency planning for components/systems in 2 above?

Yes No

6. How will your organization establish Y2K readiness? for components/systems in 2 above? (Check all that apply.)

- Component test
- Simulations
- Outside testing
- Vendor verification
- Other

<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>

7. How will communications facilities leased by your organization be determined to be Y2K ready?

Check this box if you are providing a single answer for your organization under telecommunications.

8. If your organization has found a unique / creative solution(a good idea we want to share) to a Y2K substation controls, system protection or distribution problem, please first describe the problem and then the solution to that problem.

9. Have you encountered any Y2K substation controls, system protection or distribution problem(s) that are particularly difficult to resolve and you would like to collaborate with other in resolving. If so, please describe:

No.

10. Any comments? Enter below:
None.

Device/Component/system name:

Test description:

Test results:

Comments:
