

**North American Electric Reliability Council**  
**Performance Subcommittee**  
**Date of Survey - January 20, 1998**  
**Control Performance Criteria Survey**

Due Date	Region	Date Received	(Early) /Late	This Month's	Last Month's	Method Rec'd
				Received Order	Received Order	
02/20	MAAC	02/04	(16)	1	1	Fax
	WSCC/AZNM	02/12	(8)	2	12	e-mail
	MAPP	02/18	(2)	3	3	e-mail
	ERCOT	02/19	(1)	4	2	e-mail
	WSCC/CANV	02/19	(1)	5	5	e-mail
	WSCC/NWPP	02/20	0	6	4	e-mail
	MAIN	02/20	0	7	8	e-mail
	SPP	02/20	0	8	9	e-mail
	SERC	02/24	4	9	13	e-mail
	FRCC	02/27	7	10	11	e-mail
	NPCC	03/02	10	11	10	e-mail
	ECAR	03/05	13	12	7	e-mail
	WSCC/RMPP	04/01	40	13	6	e-mail

06/02/98

# NERC Control Performance Summary - All Interconnections

1/20/98

A tabulation of the average of the % time within limits for the A1 and A2 Criteria for the dates shown above each column. The "Accum" column is the average of the monthly values listed. The control areas are ranked by the order of their accumulated percentage compliance.

Control Area	Region	% Compliance												Accum	Rank		
		Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97	Nov 97	Dec 97	Jan 98				
City of New Smyrna Beach	FRCC	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	X	100.0	1	
Reedy Creek	FRCC	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	X	100.0	2
S Texas & Medina Electric Coops.	ERCOT	100.0		100.0	100.0	100.0	100.0	100.0			100.0	100.0	99.0		D	99.9	3
Ameren	MAIN															99.7	4
British Columbia Hydro & Power	WSCC-NWPP	99.3	100.0	99.0	99.7	98.6	99.0	100.0	100.0	99.3	98.3	99.7	99.3	D	99.3	5	
Muscatine Power & Water	MAPP	97.6	100.0	97.9	99.0	99.3	98.3	100.0	99.7	100.0	97.6	100.0	100.0	D	99.1	6	
Salt River Project	WSCC-AZNM	99.3	99.3	99.7	97.2	99.7	99.3	97.2	96.9	98.6	99.7	97.6	100.0	D	98.7	7	
Tacoma City Light	WSCC-NWPP	99.3	91.3	97.9	97.6	100.0	98.6	100.0	98.3	100.0	100.0	99.0	99.7	D	98.5	8	
South Mississippi Electric Power	SERC		99.7	94.4	99.3	99.3	98.6	100.0	96.5	98.6	100.0	100.0	95.8	D	98.4	9	
WAPA - Colorado Missouri	WSCC-RMPP		95.7	99.3	98.6	97.9	98.3	99.3	97.9	99.7	95.8	99.0	97.9	D	98.1	10	
Portland General Electric Company	WSCC-NWPP	99.7	98.6	99.0	99.0	99.7	98.3	98.3	97.2	98.3	94.8	94.8	98.6	D	98.0	11	
Seattle City Light	WSCC-NWPP	99.3	98.6	98.3	95.5	91.7	95.8	96.9	99.7	100.0	100.0	100.0	100.0	D	98.0	12	
Gainesville Regional Utilities	FRCC	99.3	98.6	99.3		98.6	98.3	99.0	99.0	98.3	92.7	95.1	98.3	D	97.9	13	
City of Homestead	FRCC	97.2	97.9	97.9		99.3	97.2	97.6	97.9	96.9	97.2	97.9	97.9	D	97.7	14	
Washington Water Power Company	WSCC-NWPP	96.9	99.0	97.9	91.7	91.0	100.0	98.6	99.0	96.9	97.9	98.3	99.3	D	97.2	15	
Texas Municipal Power Pool	ERCOT	99.0	97.6	97.6	94.4	95.8	97.2	95.1	97.9	100.0	97.2	96.5		D	97.1	16	
City of Pasadena	WSCC-CANV	97.9	95.5	92.7	96.5	94.8	97.6	97.6	98.6	98.6	98.3	97.6	96.5	D	96.8	17	
Nevada Power Company	WSCC-AZNM	100.0	100.0	100.0	99.0	95.5	97.6	100.0	99.3	78.1	96.5	96.9		D	96.6	18	
Idaho Power Company	WSCC-NWPP	95.5	95.5	96.0	95.8	97.2	97.6	99.7	96.5	91.7	95.1	99.7	99.0	D	96.6	19	
Public Service of New Mexico	WSCC-AZNM	97.2	97.9	98.3	94.8	94.4	99.0	94.4	100.0	94.3	98.9	95.5	94.1	D	96.6	20	
Duke Power Company	SERC		97.2	94.8	96.2	97.6	98.3	98.6	97.2	92.4	96.2	96.2	95.1	D	96.3	21	
City of Lake Worth	FRCC	99.3	96.2	93.1		97.2	93.8	91.3	96.9	99.3	97.6	95.8	96.2	D	96.1	22	
Seminole Electric Cooperative	FRCC	91.3	100.0	93.4		97.9	99.3	97.9	96.2	97.6	94.8	88.5	98.3	D	95.9	23	
Grand River Dam Authority	SPP	97.6	96.9	98.3	87.8	100.0	94.8	91.3	95.8	97.9	92.0	97.2	97.2	D	95.6	24	
Public Utilities Board Brownsville	ERCOT	100.0	96.2	96.1	91.9	91.2		93.6		96.2	97.1	96.3		M	95.4	25	
Montana Power Company	WSCC-NWPP	95.5	100.0	93.4	87.2	92.0	95.8	95.8	95.5	95.5	96.2	95.8	97.6	D	95.0	26	
TransAlta Utilities Corporation	WSCC-NWPP	94.1	96.9	95.5	94.8	93.4	98.3	94.1	95.1	93.8	94.1	94.4	93.4	D	94.8	27	
ISO-New England	NPCC	95.5	96.3	95.4	96.1	96.3	96.1	92.5	93.4	93.6	94.6	93.5	94.1	M	94.8	28	
Douglas County PUD #1	WSCC-NWPP	100.0	99.7	89.9	94.1	91.7	95.1	96.2	88.5	84.7	96.5	96.9	97.9	D	94.3	29	
Cajun Electric Power Cooperative	SPP	95.5	96.6	96.0	95.3	94.6	94.5	94.1	93.9	93.0	91.9	92.9	92.7	M	94.3	30	
Kentucky Utilities Company	ECAR		92.4	92.0	94.4	95.1	88.9	97.8	97.9	93.4	90.3	92.4	95.1	D	93.6	31	
Yadkin, Inc.	SERC		99.3	100.0	99.3	91.3	86.5	79.2		93.4	98.6	93.4		D	93.4	32	
Southern Illinois Power Coop	MAIN	100.0	100.0	100.0	91.3	100.0	91.7	93.4	70.8	97.2	96.5	84.0	95.1	D	93.3	33	

# NERC Control Performance Summary - All Interconnections

1/20/98

A tabulation of the average of the % time within limits for the A1 and A2 Criteria for the dates shown above each column. The "Accum" column is the average of the monthly values listed. The control areas are ranked by the order of their accumulated percentage compliance.

Control Area	Region	% Compliance												Accum	Rank	
		Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97	Nov 97	Dec 97	Jan 98			
L.A. Dept of Water & Power	WSCC-CANV	93.2	93.2	92.8	90.5	91.1	92.3	91.0	90.8	92.1	93.3	93.4	94.0	D	92.3	34
United Power Association	MAPP	92.0	92.0	94.2	94.8	93.7	91.2	92.0	94.3	91.8	88.9	89.4	90.5	M	92.1	35
PacifiCorp-East	WSCC-NWPP	92.4	92.0	89.2	97.9	84.7	99.0	77.4	94.1	91.0	96.5	94.7	95.8	D	92.1	36
Arizona Public Service Company	WSCC-AZNM	95.8	93.4	98.3	79.9	88.2	89.2	93.8	97.2	90.3	93.1	89.9	93.4	D	91.9	37
Tucson Electric Power Company	WSCC-AZNM	95.1	93.8	93.4	90.6	93.1	89.2	85.1	89.6	92.0	92.0	91.3	91.3	D	91.4	38
El Paso Electric Company	WSCC-AZNM	93.8	100.0	80.9	93.4	92.7	91.0	95.1	92.7	91.0	88.9	85.4	91.0	D	91.3	39
Pub Serv Co of Colorado	WSCC-RMPP		93.8	93.2	93.0	91.2	88.3	91.2	89.7	91.2	89.9	89.4	91.8	M	91.1	40
American Electric Power Company	ECAR		89.1	92.2	91.4	88.5	87.5	88.4	89.8	90.1	92.4	93.4	93.2	M	90.5	41
The Dayton Power & Light Company	ECAR		92.5	93.2	88.7	87.3	86.4	88.7	90.0	90.9	90.5	92.2	91.6	M	90.2	42
PacifiCorp-West	WSCC-NWPP	88.9	91.5	89.9	85.4	84.8	91.0	94.0	93.1	87.2	91.3	89.2	94.4	D	90.1	43
WAPA - Lower Colorado	WSCC-AZNM		98.3	92.0	86.8	94.4	99.3	85.1	55.2	97.6	92.4		98.6	D	90.0	44
Michigan Electric Coordinated Syst	ECAR		92.3	92.4	91.3	89.6	88.3	89.5	91.6	91.7	91.3	85.3	86.3	M	90.0	45
Indianapolis Power & Light Company	ECAR		98.2	89.0	90.2	87.5	84.1	86.2	89.2	84.9	86.3	85.8	99.1	M	89.1	46
St.Joseph Light & Power Company	MAPP	91.3	84.7	78.8	81.6	89.2	89.9	93.4	94.8	90.6	85.8	93.1	95.5	D	89.1	47
Imperial Irrigation District	WSCC-AZNM	78.1	92.0	85.1	88.2	80.6	91.3	91.3	67.0	82.3	87.8	95.5	93.1	D	86.0	48
Allegheny Power System	ECAR		86.8	84.8	84.6	81.3	80.6	85.3	84.9	85.6	84.1	78.8	100.0	M	85.2	49
Ohio Valley Electric Corporation	ECAR		84.5	83.3	87.9	84.0	84.5	86.6	84.4	84.1	81.3	81.6	82.4	M	84.0	50
Louisville Gas & Electric Co	ECAR		86.1	91.3	95.5	77.1	70.1	79.5	81.3	81.6	79.9	83.3	79.9	D	82.3	51
Comision Federal de Electricidad	WSCC-CANV	84.2	83.8	87.3	85.1	80.0	82.0	83.0	81.2	83.8	77.8	74.1	75.5	D	81.5	52
Big Rivers Electric Corporation	ECAR		72.9	89.9	86.8	62.8	71.2	88.5	85.4	85.8	79.9	79.2	87.5	D	80.9	53
Hoosier Energy Rural Electric Coop	ECAR		73.6	88.2	75.3	80.2	86.1	88.9	84.4	81.6	67.7	87.5	58.3	D	79.3	54
Southern Indiana Gas & Electric Co	ECAR		81.9	73.6	85.8	83.3	72.2	77.1	82.3	82.3	80.6	67.7	74.0	D	78.3	55
East Kentucky Power Cooperative	ECAR		78.8	76.6	79.4	83.0	77.3	78.8	72.0	71.7	68.0	77.4	78.1	M	76.5	56
First Energy Corporation	ECAR											74.9		M	74.9	57
Columbia Water & Light Department	MAIN	82.6	68.1	89.6	75.3	73.3	75.7	60.8	70.5	79.9	74.0	78.8	67.0	D	74.6	58
Duquesne Light Company	ECAR		70.7	62.6	68.3	70.0	72.0	69.4	69.0	76.8	79.3	75.5	73.8	M	71.6	59
Cinergy Corporation	ECAR		76.2	68.3	69.5	65.3	60.9	66.5	68.0	67.4	70.6	67.0	68.7	M	68.1	60
Northern Indiana Public Service Co	ECAR		65.3	51.0	60.8	60.1	58.7	78.1	66.0	66.7	60.4	62.2	68.1	D	63.4	61
Central Illinois Light Company	MAIN	49.2	53.5	54.5	56.2	55.3	54.8	49.3	53.7	45.6	59.1	59.2		M	53.7	62

- Note:
- Survey Method is shown next to current months data. An "X" denotes overlap service.
  - A blank value represents missing data (due to data acquisition problems, etc.)

# NERC Control Performance Summary - Eastern Interconnection

1/20/98

A tabulation of the average of the % time within limits for the A1 and A2 Criteria for the dates shown above each column. The "Accum" column is the average of the monthly values listed. The control areas are ranked by the order of their accumulated percentage compliance.

Control Area	Region	% Compliance												Accum	Rank		
		Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97	Nov 97	Dec 97	Jan 98				
City of New Smyrna Beach	FRCC	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	X	100.0	1	
Reedy Creek	FRCC	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 X	100.0	2	
Ameren	MAIN														99.7 D	99.7	3
Muscatine Power & Water	MAPP	97.6	100.0	97.9	99.0	99.3	98.3	100.0	99.7	100.0	97.6	100.0	100.0	100.0 D	99.1	4	
South Mississippi Electric Power	SERC		99.7	94.4	99.3	99.3	98.6	100.0	96.5	98.6	100.0	100.0	100.0	95.8 D	98.4	5	
Gainesville Regional Utilities	FRCC	99.3	98.6	99.3		98.6	98.3	99.0	99.0	98.3	92.7	95.1	98.3 D	97.9	6		
City of Homestead	FRCC	97.2	97.9	97.9		99.3	97.2	97.6	97.9	96.9	97.2	97.9	97.9 D	97.7	7		
Duke Power Company	SERC		97.2	94.8	96.2	97.6	98.3	98.6	97.2	92.4	96.2	96.2	95.1 D	96.3	8		
City of Lake Worth	FRCC	99.3	96.2	93.1		97.2	93.8	91.3	96.9	99.3	97.6	95.8	96.2 D	96.1	9		
Seminole Electric Cooperative	FRCC	91.3	100.0	93.4		97.9	99.3	97.9	96.2	97.6	94.8	88.5	98.3 D	95.9	10		
Grand River Dam Authority	SPP	97.6	96.9	98.3	87.8	100.0	94.8	91.3	95.8	97.9	92.0	97.2	97.2 D	95.6	11		
ISO-New England	NPCC	95.5	96.3	95.4	96.1	96.3	96.1	92.5	93.4	93.6	94.6	93.5	94.1 M	94.8	12		
Cajun Electric Power Cooperative	SPP	95.5	96.6	96.0	95.3	94.6	94.5	94.1	93.9	93.0	91.9	92.9	92.7 M	94.3	13		
Kentucky Utilities Company	ECAR		92.4	92.0	94.4	95.1	88.9	97.8	97.9	93.4	90.3	92.4	95.1 D	93.6	14		
Yadkin, Inc.	SERC		99.3	100.0	99.3	91.3	86.5	79.2		93.4	98.6	93.4	D	93.4	15		
Southern Illinois Power Coop	MAIN	100.0	100.0	100.0	91.3	100.0	91.7	93.4	70.8	97.2	96.5	84.0	95.1 D	93.3	16		
United Power Association	MAPP	92.0	92.0	94.2	94.8	93.7	91.2	92.0	94.3	91.8	88.9	89.4	90.5 M	92.1	17		
American Electric Power Company	ECAR		89.1	92.2	91.4	88.5	87.5	88.4	89.8	90.1	92.4	93.4	93.2 M	90.5	18		
The Dayton Power & Light Company	ECAR		92.5	93.2	88.7	87.3	86.4	88.7	90.0	90.9	90.5	92.2	91.6 M	90.2	19		
Michigan Electric Coordinated Syst	ECAR		92.3	92.4	91.3	89.6	88.3	89.5	91.6	91.7	91.3	85.3	86.3 M	90.0	20		
Indianapolis Power & Light Company	ECAR		98.2	89.0	90.2	87.5	84.1	86.2	89.2	84.9	86.3	85.8	99.1 M	89.1	21		
St. Joseph Light & Power Company	MAPP	91.3	84.7	78.8	81.6	89.2	89.9	93.4	94.8	90.6	85.8	93.1	95.5 D	89.1	22		
Allegheny Power System	ECAR		86.8	84.8	84.6	81.3	80.6	85.3	84.9	85.6	84.1	78.8	100.0 M	85.2	23		
Ohio Valley Electric Corporation	ECAR		84.5	83.3	87.9	84.0	84.5	86.6	84.4	84.1	81.3	81.6	82.4 M	84.0	24		
Louisville Gas & Electric Co	ECAR		86.1	91.3	95.5	77.1	70.1	79.5	81.3	81.6	79.9	83.3	79.9 D	82.3	25		
Big Rivers Electric Corporation	ECAR		72.9	89.9	86.8	62.8	71.2	88.5	85.4	85.8	79.9	79.2	87.5 D	80.9	26		
Hoosier Energy Rural Electric Coop	ECAR		73.6	88.2	75.3	80.2	86.1	88.9	84.4	81.6	67.7	87.5	58.3 D	79.3	27		
Southern Indiana Gas & Electric Co	ECAR		81.9	73.6	85.8	83.3	72.2	77.1	82.3	82.3	80.6	67.7	74.0 D	78.3	28		
East Kentucky Power Cooperative	ECAR		78.8	76.6	79.4	83.0	77.3	78.8	72.0	71.7	68.0	77.4	78.1 M	76.5	29		
First Energy Corporation	ECAR											74.9	M	74.9	30		
Columbia Water & Light Department	MAIN	82.6	68.1	89.6	75.3	73.3	75.7	60.8	70.5	79.9	74.0	78.8	67.0 D	74.6	31		
Duquesne Light Company	ECAR		70.7	62.6	68.3	70.0	72.0	69.4	69.0	76.8	79.3	75.5	73.8 M	71.6	32		
Cinergy Corporation	ECAR		76.2	68.3	69.5	65.3	60.9	66.5	68.0	67.4	70.6	67.0	68.7 M	68.1	33		

## NERC Control Performance Summary - Eastern Interconnection

1/20/98

A tabulation of the average of the % time within limits for the A1 and A2 Criteria for the dates shown above each column. The "Accum" column is the average of the monthly values listed. The control areas are ranked by the order of their accumulated percentage compliance.

Control Area	Region	% Compliance												Accum	Rank
		Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97	Nov 97	Dec 97	Jan 98		
Northern Indiana Public Service Co	ECAR		65.3	51.0	60.8	60.1	58.7	78.1	66.0	66.7	60.4	62.2	68.1 D	63.4	34
Central Illinois Light Company	MAIN	49.2	53.5	54.5	56.2	55.3	54.8	49.3	53.7	45.6	59.1	59.2	M	53.7	35

Note:

- Survey Method is shown next to current month's data. An "X" denotes overlap service.
- A blank value represents missing data (due to data acquisition problems, etc.)

## NERC Control Performance Summary - Western Interconnection

1/20/98

A tabulation of the average of the % time within limits for the A1 and A2 Criteria for the dates shown above each column. The "Accum" column is the average of the monthly values listed. The control areas are ranked by the order of their accumulated percentage compliance.

Control Area	Region	% Compliance												Accum	Rank
		Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97	Nov 97	Dec 97	Jan 98		
British Columbia Hydro & Power	WSCC-NWPP	99.3	100.0	99.0	99.7	98.6	99.0	100.0	100.0	99.3	98.3	99.7	99.3 D	99.3	1
Salt River Project	WSCC-AZNM	99.3	99.3	99.7	97.2	99.7	99.3	97.2	96.9	98.6	99.7	97.6	100.0 D	98.7	2
Tacoma City Light	WSCC-NWPP	99.3	91.3	97.9	97.6	100.0	98.6	100.0	98.3	100.0	100.0	99.0	99.7 D	98.5	3
WAPA - Colorado Missouri	WSCC-RMPP		95.7	99.3	98.6	97.9	98.3	99.3	97.9	99.7	95.8	99.0	97.9 D	98.1	4
Portland General Electric Company	WSCC-NWPP	99.7	98.6	99.0	99.0	99.7	98.3	98.3	97.2	98.3	94.8	94.8	98.6 D	98.0	5
Seattle City Light	WSCC-NWPP	99.3	98.6	98.3	95.5	91.7	95.8	96.9	99.7	100.0	100.0	100.0	100.0 D	98.0	6
Washington Water Power Company	WSCC-NWPP	96.9	99.0	97.9	91.7	91.0	100.0	98.6	99.0	96.9	97.9	98.3	99.3 D	97.2	7
City of Pasadena	WSCC-CANV	97.9	95.5	92.7	96.5	94.8	97.6	97.6	98.6	98.6	98.3	97.6	96.5 D	96.8	8
Nevada Power Company	WSCC-AZNM	100.0	100.0	100.0	99.0	95.5	97.6	100.0	99.3	78.1	96.5	96.9	D	96.6	9
Idaho Power Company	WSCC-NWPP	95.5	95.5	96.0	95.8	97.2	97.6	99.7	96.5	91.7	95.1	99.7	99.0 D	96.6	10
Public Service of New Mexico	WSCC-AZNM	97.2	97.9	98.3	94.8	94.4	99.0	94.4	100.0	94.3	98.9	95.5	94.1 D	96.6	11
Montana Power Company	WSCC-NWPP	95.5	100.0	93.4	87.2	92.0	95.8	95.8	95.5	95.5	96.2	95.8	97.6 D	95.0	12
TransAlta Utilities Corporation	WSCC-NWPP	94.1	96.9	95.5	94.8	93.4	98.3	94.1	95.1	93.8	94.1	94.4	93.4 D	94.8	13
Douglas County PUD #1	WSCC-NWPP	100.0	99.7	89.9	94.1	91.7	95.1	96.2	88.5	84.7	96.5	96.9	97.9 D	94.3	14
L.A. Dept of Water & Power	WSCC-CANV	93.2	93.2	92.8	90.5	91.1	92.3	91.0	90.8	92.1	93.3	93.4	94.0 D	92.3	15
PacifiCorp-East	WSCC-NWPP	92.4	92.0	89.2	97.9	84.7	99.0	77.4	94.1	91.0	96.5	94.7	95.8 D	92.1	16
Arizona Public Service Company	WSCC-AZNM	95.8	93.4	98.3	79.9	88.2	89.2	93.8	97.2	90.3	93.1	89.9	93.4 D	91.9	17
Tucson Electric Power Company	WSCC-AZNM	95.1	93.8	93.4	90.6	93.1	89.2	85.1	89.6	92.0	92.0	91.3	91.3 D	91.4	18
El Paso Electric Company	WSCC-AZNM	93.8	100.0	80.9	93.4	92.7	91.0	95.1	92.7	91.0	88.9	85.4	91.0 D	91.3	19
Pub Serv Co of Colorado	WSCC-RMPP		93.8	93.2	93.0	91.2	88.3	91.2	89.7	91.2	89.9	89.4	91.8 M	91.1	20
PacifiCorp-West	WSCC-NWPP	88.9	91.5	89.9	85.4	84.8	91.0	94.0	93.1	87.2	91.3	89.2	94.4 D	90.1	21
WAPA - Lower Colorado	WSCC-AZNM		98.3	92.0	86.8	94.4	99.3	85.1	55.2	97.6	92.4		98.6 D	90.0	22
Imperial Irrigation District	WSCC-AZNM	78.1	92.0	85.1	88.2	80.6	91.3	91.3	67.0	82.3	87.8	95.5	93.1 D	86.0	23
Comision Federal de Electricidad	WSCC-CANV	84.2	83.8	87.3	85.1	80.0	82.0	83.0	81.2	83.8	77.8	74.1	75.5 D	81.5	24

Note:

- Survey Method is shown next to current month's data. An "X" denotes overlap service.
- A blank value represents missing data (due to data acquisition problems, etc.)

# NERC Control Performance Summary - All Interconnections

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A tabulation of the average of the % time within limits for the A1 and A2 Criteria for the dates shown above each column. The "Accum" column is the average of the monthly values listed. The control areas are ranked by the order of their accumulated percentage compliance.

Control Area	Region		% Compliance											Accum	Rank		
			Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97	Nov 97	Dec 97			Jan 98	
Kentucky Utilities Company	ECAR	A1		92.4	92.4	95.1	97.2	91.0	99.3	98.6	94.4	92.4	95.1	95.8 D	94.9	1	
		A2		92.4	91.7	93.8	93.1	86.8	96.4	97.2	92.4	88.2	89.6	94.4	92.3		
		AVG		92.4	92.0	94.4	95.1	88.9	97.8	97.9	93.4	90.3	92.4	95.1	93.6		
American Electric Power Company	ECAR	A1		93.9	96.0	95.5	93.6	93.5	94.9	94.9	95.5	97.0	97.2	97.3 M	95.4	2	
		A2		84.3	88.3	87.2	83.4	81.6	81.8	84.7	84.6	87.8	89.7	89.2	85.7		
		AVG		89.1	92.2	91.4	88.5	87.5	88.4	89.8	90.1	92.4	93.4	93.2	90.5		
The Dayton Power & Light Company	ECAR	A1		92.7	92.7	88.2	88.4	86.5	89.8	90.0	90.7	90.1	92.1	91.2 M	90.2	3	
		A2		92.3	93.6	89.2	86.2	86.3	87.5	89.9	91.1	90.9	92.2	92.0	90.1		
		AVG		92.5	93.2	88.7	87.3	86.4	88.7	90.0	90.9	90.5	92.2	91.6	90.2		
Michigan Electric Coordinated Syst	ECAR	A1		95.9	95.6	94.2	93.2	92.2	93.2	95.2	95.4	95.3	89.8	91.1 M	93.7	4	
		A2		88.8	89.1	88.5	85.9	84.5	85.7	87.9	88.0	87.2	80.7	81.5	86.2		
		AVG		92.3	92.4	91.3	89.6	88.3	89.5	91.6	91.7	91.3	85.3	86.3	90.0		
Indianapolis Power & Light Company	ECAR	A1		98.7	91.5	91.8	90.3	84.4	86.4	90.7	86.0	86.9	86.5	98.3 M	90.1	5	
		A2		97.7	86.5	88.5	84.6	83.8	85.9	87.8	83.9	85.6	85.0	99.9	88.1		
		AVG		98.2	89.0	90.2	87.5	84.1	86.2	89.2	84.9	86.3	85.8	99.1	89.1		
Allegheny Power System	ECAR	A1		94.6	93.8	93.2	91.6	91.2	94.0	93.9	93.5	93.4	88.4	100.0 M	93.4	6	
		A2		79.0	75.7	76.1	71.1	70.1	76.6	75.9	77.7	74.9	69.2	100.0	76.9		
		AVG		86.8	84.8	84.6	81.3	80.6	85.3	84.9	85.6	84.1	78.8	100.0	85.2		
Ohio Valley Electric Corporation	ECAR	A1		84.6	81.9	88.0	84.1	84.6	86.5	84.4	83.3	74.4	80.6	82.0 M	83.1	7	
		A2		84.3	84.7	87.9	83.8	84.3	86.6	84.5	84.8	88.2	82.6	82.8	85.0		
		AVG		84.5	83.3	87.9	84.0	84.5	86.6	84.4	84.1	81.3	81.6	82.4	84.0		
Louisville Gas & Electric Co	ECAR	A1		81.9	85.4	92.4	68.8	58.3	70.1	71.5	75.7	73.6	74.3	69.4 D	74.7	8	
		A2		90.3	97.2	98.6	85.4	81.9	88.9	91.0	87.5	86.1	92.4	90.3	90.0		
		AVG		86.1	91.3	95.5	77.1	70.1	79.5	81.3	81.6	79.9	83.3	79.9	82.3		
Big Rivers Electric Corporation	ECAR	A1		81.3	91.7	87.5	69.4	80.6	91.0	86.1	90.3	82.6	86.8	93.1 D	85.5	9	
		A2		64.6	88.2	86.1	56.3	61.8	86.1	84.7	81.3	77.1	71.5	81.9	76.3		
		AVG		72.9	89.9	86.8	62.8	71.2	88.5	85.4	85.8	79.9	79.2	87.5	80.9		

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Control Area	Region		% Compliance											Accum	Rank		
			Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97	Nov 97	Dec 97			Jan 98	
Hoosier Energy Rural Electric Coop	ECAR	A1		68.1	84.7	72.2	78.5	81.3	87.5	81.9	76.4	63.2	86.1	54.9D	75.9	10	
		A2		79.2	91.7	78.5	81.9	91.0	90.3	86.8	86.8	72.2	88.9	61.8	82.6		
		AVG		73.6	88.2	75.3	80.2	86.1	88.9	84.4	81.6	67.7	87.5	58.3	79.3		
Southern Indiana Gas & Electric Co	ECAR	A1		73.6	66.0	78.5	81.9	61.1	70.8	76.4	79.2	74.3	61.8	68.1D	72.0	11	
		A2		90.3	81.3	93.1	84.7	83.3	83.3	88.2	85.4	86.8	73.6	79.9	84.5		
		AVG		81.9	73.6	85.8	83.3	72.2	77.1	82.3	82.3	80.6	67.7	74.0	78.3		
East Kentucky Power Cooperative	ECAR	A1		89.2	86.6	89.2	91.1	89.0	90.3	85.8	84.3	80.1	88.2	89.7M	87.6	12	
		A2		68.4	66.6	69.6	74.8	65.7	67.3	58.1	59.2	55.9	66.6	66.5	65.3		
		AVG		78.8	76.6	79.4	83.0	77.3	78.8	72.0	71.7	68.0	77.4	78.1	76.5		
First Energy Corporation	ECAR	A1												87.0	M	87.0	13
		A2												62.7		62.7	
		AVG												74.9		74.9	
Duquesne Light Company	ECAR	A1		83.4	75.2	80.5	82.8	82.3	80.4	81.1	88.2	89.7	86.8	85.9M	83.3	14	
		A2		58.0	50.0	56.0	57.2	61.8	58.5	57.0	65.5	68.9	64.1	61.8	59.9		
		AVG		70.7	62.6	68.3	70.0	72.0	69.4	69.0	76.8	79.3	75.5	73.8	71.6		
Cinergy Corporation	ECAR	A1		90.1	83.2	84.1	81.6	78.0	83.3	85.3	83.2	84.5	82.1	84.4M	83.6	15	
		A2		62.3	53.4	55.0	49.0	43.8	49.8	50.7	51.7	56.7	51.9	53.0	52.5		
		AVG		76.2	68.3	69.5	65.3	60.9	66.5	68.0	67.4	70.6	67.0	68.7	68.1		
Northern Indiana Public Service Co	ECAR	A1		97.2	81.9	97.2	97.2	93.1	65.3	97.9	97.2	97.2	95.8	99.3D	92.7	16	
		A2		33.3	20.1	24.3	22.9	24.3	91.0	34.0	36.1	23.6	28.5	36.8	34.1		
		AVG		65.3	51.0	60.8	60.1	58.7	78.1	66.0	66.7	60.4	62.2	68.1	63.4		

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Control Area	Region		% Compliance										Accum	Rank		
			Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97	Nov 97			Dec 97	Jan 98
S Texas & Medina Electric Coops.	ERCOT	A1	100.0		100.0	100.0	100.0	100.0	100.0		100.0	100.0	97.9	D	99.8	1
		A2	100.0		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0		100.0	
		AVG	100.0		100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	99.0		99.9
Texas Municipal Power Pool	ERCOT	A1	99.3	99.3	99.3	95.1	95.1	99.3	95.1	96.5	100.0	96.5	93.8	D	97.2	2
		A2	98.6	95.8	95.8	93.8	96.5	95.1	95.1	99.3	100.0	97.9	99.3		97.0	
		AVG	99.0	97.6	97.6	94.4	95.8	97.2	95.1	97.9	100.0	97.2	96.5		97.1	
Public Utilities Board Brownsville	ERCOT	A1	100.0	94.5	94.4	86.3	85.3		90.5		93.3	94.3	93.4	M	92.4	3
		A2	100.0	97.9	97.9	97.5	97.1		96.7		99.1	100.0	99.1		98.4	
		AVG	100.0	96.2	96.1	91.9	91.2		93.6		96.2	97.1	96.3		95.4	
Reedy Creek	FRCC	A1	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		A2	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		AVG	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
City of New Smyrna Beach	FRCC	A1	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	X	100.0	2
		A2	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	
		AVG	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	
Gainesville Regional Utilities	FRCC	A1	98.6	97.2	99.3		98.6	97.2	99.3	97.9	98.6	85.4	91.7	97.2D	96.5	3
		A2	100.0	100.0	99.3		98.6	99.3	98.6	100.0	97.9	100.0	98.6	99.3	99.2	
		AVG	99.3	98.6	99.3		98.6	98.3	99.0	99.0	98.3	92.7	95.1	98.3	97.9	
City of Homestead	FRCC	A1	94.4	95.8	95.8		98.6	94.4	95.1	95.8	93.8	94.4	95.8	95.8D	95.5	4
		A2	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
		AVG	97.2	97.9	97.9		99.3	97.2	97.6	97.9	96.9	97.2	97.9	97.9	97.7	
City of Lake Worth	FRCC	A1	98.6	92.4	86.8		94.4	88.2	83.3	93.8	98.6	95.1	91.7	92.4D	92.3	5
		A2	100.0	100.0	99.3		100.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	99.8	
		AVG	99.3	96.2	93.1		97.2	93.8	91.3	96.9	99.3	97.6	95.8	96.2	96.1	
Seminole Electric Cooperative	FRCC	A1	91.7	100.0	93.1		97.9	99.3	97.9	95.8	97.2	92.4	87.5	97.9D	95.5	6
		A2	91.0	100.0	93.8		97.9	99.3	97.9	96.5	97.9	97.2	89.6	98.6	96.3	
		AVG	91.3	100.0	93.4		97.9	99.3	97.9	96.2	97.6	94.8	88.5	98.3	95.9	

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Control Area	Region		% Compliance												Accum	Rank	
			Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97	Nov 97	Dec 97	Jan 98			
Ameren	MAIN	A1													100.0 D	100.0	1
		A2													99.3	99.3	
		AVG													99.7	99.7	
Southern Illinois Power Coop	MAIN	A1	100.0	100.0	100.0	86.8	100.0	91.7	91.0	70.8	97.2	94.4	81.3	91.0 D	92.0	2	
		A2	100.0	100.0	100.0	95.8	100.0	91.7	95.8	70.8	97.2	98.6	86.8	99.3	94.7		
		AVG	100.0	100.0	100.0	91.3	100.0	91.7	93.4	70.8	97.2	96.5	84.0	95.1	93.3		
Columbia Water & Light Department	MAIN	A1	65.3	36.8	80.6	53.5	50.0	53.5	31.9	45.1	60.4	51.4	58.3	36.8 D	52.0	3	
		A2	100.0	99.3	98.6	97.2	96.5	97.9	89.6	95.8	99.3	96.5	99.3	97.2	97.3		
		AVG	82.6	68.1	89.6	75.3	73.3	75.7	60.8	70.5	79.9	74.0	78.8	67.0	74.6		
Central Illinois Light Company	MAIN	A1	60.3	64.1	65.7	67.4	66.7	63.4	59.4	62.2	58.8	73.5	71.6	M	64.8	4	
		A2	38.1	43.0	43.3	45.0	43.9	46.2	39.1	45.2	32.4	44.8	46.8		42.5		
		AVG	49.2	53.5	54.5	56.2	55.3	54.8	49.3	53.7	45.6	59.1	59.2		53.7		
Muscatine Power & Water	MAPP	A1	97.2	100.0	95.8	98.6	99.3	97.9	100.0	99.3	100.0	95.8	100.0	100.0 D	98.7	1	
		A2	97.9	100.0	100.0	99.3	99.3	98.6	100.0	100.0	100.0	99.3	100.0	100.0	99.5		
		AVG	97.6	100.0	97.9	99.0	99.3	98.3	100.0	99.7	100.0	97.6	100.0	100.0	99.1		
United Power Association	MAPP	A1	93.1	92.5	94.3	95.5	94.8	92.5	92.9	95.0	92.6	90.2	90.6	91.3 M	92.9	2	
		A2	91.0	91.6	94.1	94.2	92.6	89.9	91.2	93.6	91.1	87.6	88.2	89.7	91.2		
		AVG	92.0	92.0	94.2	94.8	93.7	91.2	92.0	94.3	91.8	88.9	89.4	90.5	92.1		
St. Joseph Light & Power Company	MAPP	A1	97.2	90.3	85.4	88.2	95.1	94.4	97.2	98.6	96.5	93.8	97.2	98.6 D	94.4	3	
		A2	85.4	79.2	72.2	75.0	83.3	85.4	89.6	91.0	84.7	77.8	88.9	92.4	83.7		
		AVG	91.3	84.7	78.8	81.6	89.2	89.9	93.4	94.8	90.6	85.8	93.1	95.5	89.1		
ISO-New England	NPCC	A1	95.2	96.3	95.4	96.0	96.3	96.2	92.0	93.3	93.9	94.7	92.5	93.2 M	94.6	1	
		A2	95.8	96.3	95.5	96.1	96.2	96.1	93.1	93.5	93.3	94.5	94.5	95.0	95.0		
		AVG	95.5	96.3	95.4	96.1	96.3	96.1	92.5	93.4	93.6	94.6	93.5	94.1	94.8		

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Control Area	Region		% Compliance												Accum	Rank
			Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97	Nov 97	Dec 97	Jan 98		
South Mississippi Electric Power	SERC	A1		99.3	91.7	98.6	98.6	98.6	100.0	95.8	97.2	100.0	100.0	94.4 D	97.7	1
		A2		100.0	97.2	100.0	100.0	98.6	100.0	97.2	100.0	100.0	100.0	97.2	99.1	
		AVG		99.7	94.4	99.3	99.3	98.6	100.0	96.5	98.6	100.0	100.0	95.8	98.4	
Duke Power Company	SERC	A1		95.1	94.4	96.5	97.2	97.9	97.9	96.5	93.1	95.8	97.9	95.1 D	96.1	2
		A2		99.3	95.1	95.8	97.9	98.6	99.3	97.9	91.7	96.5	94.4	95.1	96.5	
		AVG		97.2	94.8	96.2	97.6	98.3	98.6	97.2	92.4	96.2	96.2	95.1	96.3	
Yadkin, Inc.	SERC	A1		100.0	100.0	100.0	88.2	73.6	62.5		90.3	99.3	89.6	D	89.3	3
		A2		98.6	100.0	98.6	94.4	99.3	95.8		96.5	97.9	97.2		97.6	
		AVG		99.3	100.0	99.3	91.3	86.5	79.2		93.4	98.6	93.4		93.4	
Grand River Dam Authority	SPP	A1	99.3	98.6	97.9	95.8	100.0	98.6	97.2	100.0	99.3	95.8	99.3	98.6 D	98.4	1
		A2	95.8	95.1	98.6	79.9	100.0	91.0	85.4	91.7	96.5	88.2	95.1	95.8	92.8	
		AVG	97.6	96.9	98.3	87.8	100.0	94.8	91.3	95.8	97.9	92.0	97.2	97.2	95.6	
Cajun Electric Power Cooperative	SPP	A1	97.7	98.1	97.4	97.3	96.6	96.5	96.2	96.2	95.8	94.4	95.6	95.4 M	96.4	2
		A2	93.2	95.1	94.6	93.4	92.6	92.5	92.0	91.7	90.2	89.4	90.3	90.1	92.1	
		AVG	95.5	96.6	96.0	95.3	94.6	94.5	94.1	93.9	93.0	91.9	92.9	92.7	94.3	

# NERC Control Performance Summary - All Interconnections

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A tabulation of the average of the % time within limits for the A1 and A2 Criteria for the dates shown above each column. The "Accum" column is the average of the monthly values listed. The control areas are ranked by the order of their accumulated percentage compliance.

Control Area	Region		% Compliance												Accum	Rank	
			Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97	Nov 97	Dec 97	Jan 98			
Salt River Project	WSCC-AZNM	A1	99.3	100.0	100.0	97.9	100.0	100.0	100.0	99.3	100.0	99.3	100.0	100.0	D	99.7	1
		A2	99.3	98.6	99.3	96.5	99.3	98.6	94.4	94.4	97.2	100.0	95.1	100.0		97.7	
		AVG	99.3	99.3	99.7	97.2	99.7	99.3	97.2	96.9	98.6	99.7	97.6	100.0		98.7	
Nevada Power Company	WSCC-AZNM	A1	100.0	100.0	100.0	99.3	97.2	97.2	100.0	100.0	78.5	95.8	96.5		D	96.8	2
		A2	100.0	100.0	100.0	98.6	93.8	97.9	100.0	98.6	77.8	97.2	97.2			96.5	
		AVG	100.0	100.0	100.0	99.0	95.5	97.6	100.0	99.3	78.1	96.5	96.9			96.6	
Public Service of New Mexico	WSCC-AZNM	A1	97.9	99.3	99.3	95.1	94.4	99.3	95.8	100.0	95.5	99.2	96.5	93.8	D	97.2	3
		A2	96.5	96.5	97.2	94.4	94.4	98.6	93.1	100.0	93.2	98.5	94.4	94.4		95.9	
		AVG	97.2	97.9	98.3	94.8	94.4	99.0	94.4	100.0	94.3	98.9	95.5	94.1		96.6	
Arizona Public Service Company	WSCC-AZNM	A1	97.2	94.4	99.3	81.9	90.3	91.7	95.1	97.9	92.4	94.4	92.4	93.8	D	93.4	4
		A2	94.4	92.4	97.2	77.8	86.1	86.8	92.4	96.5	88.2	91.7	87.5	93.1		90.3	
		AVG	95.8	93.4	98.3	79.9	88.2	89.2	93.8	97.2	90.3	93.1	89.9	93.4		91.9	
Tucson Electric Power Company	WSCC-AZNM	A1	95.8	94.4	93.1	91.0	93.8	90.3	86.8	90.3	90.3	92.4	91.0	91.7	D	91.7	5
		A2	94.4	93.1	93.8	90.3	92.4	88.2	83.3	88.9	93.8	91.7	91.7	91.0		91.0	
		AVG	95.1	93.8	93.4	90.6	93.1	89.2	85.1	89.6	92.0	92.0	91.3	91.3		91.4	
El Paso Electric Company	WSCC-AZNM	A1	94.4	100.0	86.8	94.4	96.5	91.0	97.9	97.9	93.1	92.4	88.2	91.0	D	93.6	6
		A2	93.1	100.0	75.0	92.4	88.9	91.0	92.4	87.5	88.9	85.4	82.6	91.0		89.0	
		AVG	93.8	100.0	80.9	93.4	92.7	91.0	95.1	92.7	91.0	88.9	85.4	91.0		91.3	
WAPA - Lower Colorado	WSCC-AZNM	A1		100.0	96.5	93.8	97.2	99.3	93.1	94.4	100.0	98.6			D	97.1	7
		A2		96.5	87.5	79.9	91.7	99.3	77.1	16.0	95.1	86.1				99.3	82.8
		AVG		98.3	92.0	86.8	94.4	99.3	85.1	55.2	97.6	92.4				98.6	90.0
Imperial Irrigation District	WSCC-AZNM	A1	73.6	84.7	72.9	83.3	72.2	86.1	86.1	58.3	76.4	80.6	92.4	86.1	D	79.4	8
		A2	82.6	99.3	97.2	93.1	88.9	96.5	96.5	75.7	88.2	95.1	98.6	100.0		92.7	
		AVG	78.1	92.0	85.1	88.2	80.6	91.3	91.3	67.0	82.3	87.8	95.5	93.1		86.0	

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1/20/98

A tabulation of the average of the % time within limits for the A1 and A2 Criteria for the dates shown above each column. The "Accum" column is the average of the monthly values listed. The control areas are ranked by the order of their accumulated percentage compliance.

		% Compliance														
Control Area	Region		Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97	Nov 97	Dec 97	Jan 98	Accum	Rank
City of Pasadena	WSCC-CANV	A1	95.8	90.9	85.3	93.1	90.3	95.1	95.1	97.2	97.2	96.5	95.1	94.4 D	93.9	1
		A2	100.0	100.0	100.0	100.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.6	99.8
		AVG	97.9	95.5	92.7	96.5	94.8	97.6	97.6	98.6	98.6	98.6	98.3	97.6	96.5	96.8
L.A. Dept of Water & Power	WSCC-CANV	A1	95.0	94.9	94.1	92.5	92.9	94.2	93.4	92.9	94.1	94.6	94.6	94.9 D	94.0	2
		A2	91.5	91.6	91.5	88.6	89.3	90.4	88.5	88.8	90.2	92.0	92.1	93.1	90.6	
		AVG	93.2	93.2	92.8	90.5	91.1	92.3	91.0	90.8	92.1	93.3	93.4	94.0	92.3	
Comision Federal de Electricidad	WSCC-CANV	A1	83.4	82.8	86.1	82.8	76.8	79.2	80.3	78.8	83.0	76.5	71.4	73.3 D	79.5	3
		A2	85.0	84.9	88.4	87.3	83.3	84.7	85.7	83.6	84.7	79.1	76.7	77.7	83.4	
		AVG	84.2	83.8	87.3	85.1	80.0	82.0	83.0	81.2	83.8	77.8	74.1	75.5	81.5	

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Control Area	Region		% Compliance												Accum	Rank		
			Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97	Nov 97	Dec 97	Jan 98				
British Columbia Hydro & Power	WSCC-NWPP	A1	100.0	100.0	100.0	100.0	99.3	100.0	100.0	100.0	100.0	100.0	99.3	100.0	100.0 D	99.9	1	
		A2	98.6	100.0	97.9	99.3	97.9	97.9	100.0	100.0	100.0	98.6	97.2	99.3	98.6	98.8		
		AVG	99.3	100.0	99.0	99.7	98.6	99.0	100.0	100.0	100.0	99.3	98.3	99.7	99.3	99.3		
Tacoma City Light	WSCC-NWPP	A1	99.3	89.6	97.2	97.2	100.0	99.3	100.0	99.3	100.0	100.0	100.0	100.0	100.0	99.3 D	98.4	2
		A2	99.3	93.1	98.6	97.9	100.0	97.9	100.0	97.2	100.0	100.0	97.9	100.0	97.9	100.0	98.5	
		AVG	99.3	91.3	97.9	97.6	100.0	98.6	100.0	98.3	100.0	100.0	100.0	99.0	99.7	98.5		
Portland General Electric Company	WSCC-NWPP	A1	100.0	99.3	100.0	99.3	100.0	97.9	99.3	98.6	100.0	99.3	98.6	98.6	98.6 D	99.2	3	
		A2	99.3	97.9	97.9	98.6	99.3	98.6	97.2	95.8	96.5	90.3	91.0	98.6	96.8			
		AVG	99.7	98.6	99.0	99.0	99.7	98.3	98.3	97.2	98.3	94.8	94.8	98.6	98.0			
Seattle City Light	WSCC-NWPP	A1	99.3	98.6	97.9	95.1	93.1	99.3	98.6	99.3	100.0	100.0	100.0	100.0	100.0 D	98.4	4	
		A2	99.3	98.6	98.6	95.8	90.3	92.4	95.1	100.0	100.0	100.0	100.0	100.0	100.0	97.5		
		AVG	99.3	98.6	98.3	95.5	91.7	95.8	96.9	99.7	100.0	100.0	100.0	100.0	100.0	98.0		
Washington Water Power Company	WSCC-NWPP	A1	98.6	100.0	99.3	92.4	93.1	100.0	99.3	99.3	98.6	98.6	99.3	100.0	100.0 D	98.2	5	
		A2	95.1	97.9	96.5	91.0	88.9	100.0	97.9	98.6	95.1	97.2	97.2	98.6	96.2			
		AVG	96.9	99.0	97.9	91.7	91.0	100.0	98.6	99.0	96.9	97.9	98.3	99.3	97.2			
Idaho Power Company	WSCC-NWPP	A1	98.6	98.6	98.4	100.0	98.6	98.6	100.0	97.9	99.3	98.6	100.0	100.0	100.0 D	99.1	6	
		A2	92.4	92.4	93.7	91.7	95.8	96.5	99.3	95.1	84.0	91.7	99.3	97.9	94.1			
		AVG	95.5	95.5	96.0	95.8	97.2	97.6	99.7	96.5	91.7	95.1	99.7	99.0	96.6			
Montana Power Company	WSCC-NWPP	A1	96.5	100.0	95.8	87.5	94.4	97.9	99.3	96.5	97.2	97.2	98.6	97.9 D	96.6	7		
		A2	94.4	100.0	91.0	86.8	89.6	93.8	92.4	94.4	93.8	95.1	93.1	97.2	93.5			
		AVG	95.5	100.0	93.4	87.2	92.0	95.8	95.8	95.5	95.5	96.2	95.8	97.6	95.0			
TransAlta Utilities Corporation	WSCC-NWPP	A1	97.9	98.6	97.9	97.9	96.5	99.3	97.2	100.0	97.9	97.9	97.9	97.9	97.9 D	98.1	8	
		A2	90.3	95.1	93.1	91.7	90.3	97.2	91.0	90.3	89.6	90.3	91.0	88.9	91.6			
		AVG	94.1	96.9	95.5	94.8	93.4	98.3	94.1	95.1	93.8	94.1	94.4	93.4	94.8			
Douglas County PUD #1	WSCC-NWPP	A1	100.0	100.0	100.0	97.2	95.8	100.0	100.0	100.0	95.8	99.3	100.0	100.0	100.0 D	99.0	9	
		A2	100.0	99.3	79.9	91.0	87.5	90.3	92.4	77.1	73.6	93.8	93.8	95.8	89.5			
		AVG	100.0	99.7	89.9	94.1	91.7	95.1	96.2	88.5	84.7	96.5	96.9	97.9	94.3			

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Control Area	Region		% Compliance												Accum	Rank
			Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97	Nov 97	Dec 97	Jan 98		
PacifiCorp-East	WSCC-NWPP	A1	97.2	94.4	93.7	100.0	89.8	99.3	82.6	98.6	97.2	99.3	99.2	99.3 D	95.9	10
		A2	87.5	89.6	84.6	95.8	79.7	98.6	72.2	89.6	84.7	93.8	90.2	92.4	88.2	
		AVG	92.4	92.0	89.2	97.9	84.7	99.0	77.4	94.1	91.0	96.5	94.7	95.8	92.1	
PacifiCorp-West	WSCC-NWPP	A1	95.1	95.1	93.7	94.4	94.3	97.2	97.2	97.2	92.4	97.9	94.4	97.9 D	95.6	11
		A2	82.6	88.0	86.0	76.4	75.2	84.7	90.8	88.9	81.9	84.7	84.0	91.0	84.5	
		AVG	88.9	91.5	89.9	85.4	84.8	91.0	94.0	93.1	87.2	91.3	89.2	94.4	90.1	
WAPA - Colorado Missouri	WSCC-RMPP	A1		96.4	100.0	98.6	98.6	97.9	100.0	97.2	100.0	98.6	99.3	98.6 D	98.7	1
		A2		95.0	98.6	98.6	97.3	98.6	98.6	98.6	99.3	93.1	98.6	97.2	97.6	
		AVG		95.7	99.3	98.6	97.9	98.3	99.3	97.9	99.7	95.8	99.0	97.9	98.1	
Pub Serv Co of Colorado	WSCC-RMPP	A1		96.3	95.8	95.1	94.0	91.1	94.5	92.7	91.1	90.4	91.5	94.2 M	93.3	2
		A2		91.3	90.6	90.8	88.4	85.6	88.0	86.7	91.2	89.4	87.3	89.4	89.0	
		AVG		93.8	93.2	93.0	91.2	88.3	91.2	89.7	91.2	89.9	89.4	91.8	91.1	

- Note:
- Survey Method is shown next to current month's data. An "X" denotes overlap service.
  - A blank value represents missing data (due to data acquisition problems, etc.)

## NERC Control Performance Summary - Control Areas Reporting CPS

1/20/98

The Performance Subcommittee has given permission for Control Areas to measure and report their control performance against the new Control Performance Standard (CPS) in lieu of the A1 and A2 Standards. If an area chooses to do so, it will not be measured against the A1/A2 guide of 90% compliance. The following areas are reporting under the new CPS.

Control Area	Region	% Compliance		Method
		CPS1 %	CPS2 %	
January 1998				
Houston Lighting & Power Company	ERCOT	186.80	98.40	CPS
Texas-New Mexico Power Company	ERCOT	186.24	99.98	CPS
Texas Utilities Company	ERCOT	102.90	81.70	CPS
Lower Colorado River Authority	ERCOT	141.25	97.29	CPS
Austin Energy	ERCOT	172.30	98.37	CPS
Central & South West Sevices, Inc.	ERCOT	182.30	99.68	CPS
Florida Municipal Power Pool	FRCC	192.16	99.31	CPS
Florida Power & Light Company	FRCC	186.18	99.46	CPS
City of Tallahassee	FRCC	191.66	100.00	CPS
Jacksonville Electric Authority	FRCC	199.84	99.71	CPS
Tampa Electric Company	FRCC	192.30	99.20	CPS
Florida Power Corporation	FRCC	187.72	98.92	CPS
PJM Interconnection	MAAC	158.83	91.10	CPS
Wisconsin Public Service Corporation	MAIN	179.60	99.70	CPS
City WL&P-Springfield	MAIN	195.30	99.70	CPS
Wisconsin Power & Light Company	MAIN	176.50	95.00	CPS
Electric Energy, Inc.	MAIN	201.94	99.78	CPS
Wisconsin Electric Power Company	MAIN	184.75	99.53	CPS
Upper Peninsula Power Company	MAIN	199.81	99.91	CPS
Madison Gas & Electric Company	MAIN	159.50	95.90	CPS
Illinois Power Company	MAIN	175.19	97.34	CPS
ComEd	MAIN	181.10	96.70	CPS
Central Illinois Pub Serv Co	MAIN	197.15	82.54	CPS
MidAmerican Energy Company	MAPP	179.76	98.81	CPS
Minnesota Power Company	MAPP	196.04	99.60	CPS
Lincoln Electric System	MAPP	197.09	100.00	CPS
IES Utilities	MAPP	159.67	94.06	CPS
Interstate Power Company	MAPP	167.90	99.33	CPS
Nebraska Public Power District	MAPP	182.20	97.24	CPS
Northern States Power Company	MAPP	189.50	99.59	CPS
Dairyland Power Cooperative	MAPP	208.10	98.70	CPS
Saskatchewan Power Corporation	MAPP	166.00	97.65	CPS
Manitoba Hydro-Electric Board	MAPP	188.92	99.28	CPS
Omaha Public Power District	MAPP	178.94	96.90	CPS

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Control Area	Region	% Compliance		Method
		CPS1 %	CPS2 %	
Southern Minnesota Muni. Power	MAPP	95.14	100.00	CPS
WAPA - Upper Great Plains East	MAPP	196.00	99.93	CPS
Otter Tail Power Company	MAPP	198.01	100.00	CPS
Ontario Hydro	NPCC	187.10	99.50	CPS
New York Power Pool	NPCC	179.50	94.30	CPS
Hydro-Quebec	NPCC	176.30	99.70	CPS
Maritime Area	NPCC	189.50	99.80	CPS
Associated Electric Cooperative Inc.	SERC	174.59	94.58	CPS
Virginia Power	SERC	174.39	96.30	CPS
SEPA - Hartwell	SERC	173.30	99.86	CPS
Southern Company Services	SERC	206.07	99.41	CPS
South Carolina Public Service	SERC	161.84	96.62	CPS
South Carolina Electric & Gas Co	SERC	171.52	100.00	CPS
Carolina Power & Light Co. East	SERC	182.50	98.50	CPS
Alabama Electric Cooperative	SERC	185.52	98.53	CPS
SEPA - Russell	SERC	142.40	96.23	CPS
Carolina Power & Light Co. West	SERC	188.60	99.70	CPS
SEPA - Thurmond	SERC	179.20	99.19	CPS
Tennessee Valley Authority	SERC	182.22	96.38	CPS
Entergy Electric System	SERC	193.89	96.03	CPS
Southwestern Public Service Co	SPP	195.00	100.00	CPS
City of Independence Missouri	SPP	100.00	100.00	CPS
Westplains Energy	SPP	188.00	100.00	CPS
Missouri Public Service Company	SPP	188.00	99.00	CPS
City of Lafayette	SPP	169.18	100.00	CPS
Kansas City Power & Light Company	SPP	162.66	92.40	CPS
Louisiana Energy & Power Authority	SPP	203.62	98.70	CPS
Central & South West Sevices, Inc.	SPP	183.40	99.30	CPS
Central Louisiana Electric Company	SPP	190.78	99.76	CPS
Western Resources	SPP	184.76	99.93	CPS
Oklahoma Gas & Electric Company	SPP	178.95	100.00	CPS
Board Of Public Utils.	SPP	172.52	99.47	CPS
Western Farmers Electric Coop	SPP	184.99	99.95	CPS
Empire District Electric Company	SPP	239.50	99.20	CPS
Southwestern Power Administration	SPP	195.80	100.00	CPS

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Control Area	Region	% Compliance		Method
		CPS1 %	CPS2 %	
Bonneville Power Administration	WSCC-NWPP	174.04	98.78	CPS
Sierra Pacific Power Company	WSCC-NWPP	184.60	98.30	CPS
Puget Sound Energy	WSCC-NWPP	193.90	99.91	CPS
Grant County PUD #1	WSCC-NWPP	202.33	100.00	CPS
Chelan County PUD #1	WSCC-NWPP	198.20	99.91	CPS
WAPA - Upper Great Plains West	WSCC-RMPP	158.16	99.28	CPS
December 1997				
Florida Municipal Power Pool	FRCC	192.13	98.43	CPS
Florida Power & Light Company	FRCC	186.18	99.08	CPS
City of Tallahassee	FRCC	184.80	100.00	CPS
PJM Interconnection	MAAC	158.29	87.80	CPS
City WL&P-Springfield	MAIN	187.29	99.46	CPS
ComEd	MAIN	182.00	95.20	CPS
Electric Energy, Inc.	MAIN	199.45	99.98	CPS
Illinois Power Company	MAIN	178.76		CPS
Wisconsin Electric Power Company	MAIN	180.13	99.26	CPS
MidAmerican Energy Company	MAPP	172.70	98.79	CPS
Dairyland Power Cooperative	MAPP	204.13	98.92	CPS
Interstate Power Company	MAPP	163.80		CPS
Saskatchewan Power Corporation	MAPP	206.30		CPS
IES Utilities	MAPP	154.50		CPS
Omaha Public Power District	MAPP	179.10	96.06	CPS
Lincoln Electric System	MAPP	198.60	100.00	CPS
Manitoba Hydro-Electric Board	MAPP		99.95	CPS
WAPA - Upper Great Plains East	MAPP			CPS
Nebraska Public Power District	MAPP		97.24	CPS
Minnesota Power Company	MAPP			CPS
Maritime Area	NPCC	187.10	99.60	CPS
Associated Electric Cooperative Inc.	SERC	161.10	92.90	CPS
Board Of Public Utils.	SPP	172.52		CPS
Central Louisiana Electric Company	SPP	194.51	99.50	CPS
Central & South West Sevices, Inc.	SPP	181.70	99.60	CPS
Empire District Electric Company	SPP	239.30	99.22	CPS
Kansas City Power & Light Company	SPP	166.00	93.00	CPS
Western Resources	SPP	184.17	100.00	CPS

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Control Area	Region	% Compliance		Method
		CPS1 %	CPS2 %	
City of Lafayette	SPP	183.74	99.86	CPS
Louisiana Energy & Power Authority	SPP	204.66	99.96	CPS
Southwestern Power Administration	SPP	213.70	100.00	CPS
Southwestern Public Service Co	SPP	194.60	100.00	CPS
Western Farmers Electric Coop	SPP	184.98	99.82	CPS
Sierra Pacific Power Company	WSCC-NWPP	183.10	98.20	CPS
WAPA - Upper Great Plains West	WSCC-RMPP	153.50	99.00	CPS
November 1997				
Florida Power & Light Company	FRCC	187.92	99.49	CPS
Florida Municipal Power Pool	FRCC	191.10	98.58	CPS
PJM Interconnection	MAAC	157.54	85.90	CPS
ComEd	MAIN	187.00	96.30	CPS
Illinois Power Company	MAIN	183.36	96.73	CPS
Wisconsin Electric Power Company	MAIN	179.81	98.49	CPS
MidAmerican Energy Company	MAPP	169.68	96.71	CPS
Dairyland Power Cooperative	MAPP	204.72	98.30	CPS
Interstate Power Company	MAPP	162.30	99.24	CPS
Minnesota Power Company	MAPP	193.12	98.88	CPS
WAPA - Upper Great Plains East	MAPP	194.74	99.86	CPS
Nebraska Public Power District	MAPP	161.71	96.25	CPS
Omaha Public Power District	MAPP	179.11	98.93	CPS
Maritime Area	NPCC	189.10	99.80	CPS
New York Power Pool	NPCC	180.60	95.40	CPS
Associated Electric Cooperative Inc.	SERC	160.70	91.60	CPS
Southern Company Services	SERC	199.27	98.72	CPS
Western Resources	SPP	182.73	99.42	CPS
Central & South West Sevices, Inc.	SPP	181.51	99.62	CPS
Empire District Electric Company	SPP	282.82	98.50	CPS
City of Lafayette	SPP	172.02	99.64	CPS
Western Farmers Electric Coop	SPP	185.50	99.95	CPS
Southwestern Power Administration	SPP	183.10	100.00	CPS
Board Of Public Utils.	SPP	172.12	96.54	CPS
Southwestern Public Service Co	SPP	195.00	100.00	CPS
Central Louisiana Electric Company	SPP	200.54	99.90	CPS
Kansas City Power & Light Company	SPP	162.64	95.73	CPS

## NERC Control Performance Summary - Control Areas Reporting CPS

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Control Area	Region	% Compliance		Method
		CPS1 %	CPS2 %	
Louisiana Energy & Power Authority	SPP	206.10	99.75	CPS
Sierra Pacific Power Company	WSCC-NWPP	190.00	98.50	CPS
WAPA - Upper Great Plains West	WSCC-RMPP	138.85	97.42	CPS
October 1997				
Florida Power & Light Company	FRCC	191.82	99.53	CPS
PJM Interconnection	MAAC	157.92	87.20	CPS
ComEd	MAIN	183.80	95.30	CPS
Illinois Power Company	MAIN	202.17	97.20	CPS
Wisconsin Electric Power Company	MAIN	175.02	99.04	CPS
Omaha Public Power District	MAPP	176.10	97.46	CPS
Nebraska Public Power District	MAPP	176.70	95.70	CPS
MidAmerican Energy Company	MAPP	175.30	97.60	CPS
Minnesota Power Company	MAPP	188.60	99.21	CPS
Dairyland Power Cooperative	MAPP	207.38	98.45	CPS
Interstate Power Company	MAPP	159.00	99.46	CPS
WAPA - Upper Great Plains East	MAPP	195.51	99.84	CPS
New York Power Pool	NPCC	179.80	79.30	CPS
Associated Electric Cooperative Inc.	SERC	186.61	94.16	CPS
Southern Company Services	SERC	200.62	98.73	CPS
Central Louisiana Electric Company	SPP	211.41	99.92	CPS
Board Of Public Utils.	SPP	162.63	98.03	CPS
Central & South West Sevices, Inc.	SPP	180.39	99.38	CPS
Western Resources	SPP	181.95	99.16	CPS
Louisiana Energy & Power Authority	SPP	205.38	0.00	CPS
Southwestern Power Administration	SPP	207.70	99.70	CPS
Sunflower Electric Corp.	SPP	0.00	0.00	CPS
Western Farmers Electric Coop	SPP	185.64	99.82	CPS
Empire District Electric Company	SPP	234.60	99.22	CPS
City of Lafayette	SPP	196.08	100.00	CPS
Southwestern Public Service Co	SPP	194.50	0.00	CPS
Kansas City Power & Light Company	SPP	162.83	94.48	CPS
Sierra Pacific Power Company	WSCC-NWPP	184.80	99.50	CPS
WAPA - Upper Great Plains West	WSCC-RMPP	160.93	99.39	CPS

September 1997

## NERC Control Performance Summary - Control Areas Reporting CPS

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Control Area	Region	% Compliance		Method
		CPS1 %	CPS2 %	
Florida Power & Light Company	FRCC	191.17	99.79	CPS
PJM Interconnection	MAAC	157.80	85.10	CPS
ComEd	MAIN	184.60	93.70	CPS
Wisconsin Electric Power Company	MAIN	187.84	99.39	CPS
Interstate Power Company	MAPP	173.50	98.73	CPS
Omaha Public Power District	MAPP	175.95	98.70	CPS
WAPA - Upper Great Plains East	MAPP	195.98	99.93	CPS
Dairyland Power Cooperative	MAPP	217.18	99.09	CPS
MidAmerican Energy Company	MAPP	170.70	98.38	CPS
Minnesota Power Company	MAPP	190.40	98.84	CPS
New York Power Pool	NPCC	172.50	80.60	CPS
Southern Company Services	SERC	203.00	95.00	CPS
Louisiana Energy & Power Authority	SPP	210.73	92.26	CPS
Sierra Pacific Power Company	WSCC-NWPP	190.10	98.99	CPS
WAPA - Upper Great Plains West	WSCC-RMPP	164.20	98.35	CPS
August 1997				
PJM Interconnection	MAAC	158.39	84.40	CPS
ComEd	MAIN	176.80	92.30	CPS
Minnesota Power Company	MAPP	194.33	98.51	CPS
Interstate Power Company	MAPP	168.06	98.77	CPS
WAPA - Upper Great Plains East	MAPP	197.20	99.98	CPS
Dairyland Power Cooperative	MAPP	233.30	99.17	CPS
MidAmerican Energy Company	MAPP	170.54	98.57	CPS
Omaha Public Power District	MAPP	182.18	99.17	CPS
New York Power Pool	NPCC	179.80	84.00	CPS
Louisiana Energy & Power Authority	SPP	215.85	99.42	CPS
WAPA - Upper Great Plains West	WSCC-RMPP	168.83	96.81	CPS
July 1997				
PJM Interconnection	MAAC	159.09	81.70	CPS
	MAIN	150.90	93.20	CPS
Minnesota Power Company	MAPP	187.40	98.40	CPS
WAPA - Upper Great Plains East	MAPP	196.84	99.93	CPS
MidAmerican Energy Company	MAPP	160.80	97.90	CPS
Dairyland Power Cooperative	MAPP	238.86	98.02	CPS

## NERC Control Performance Summary - Control Areas Reporting CPS

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Control Area	Region	% Compliance		Method
		CPS1 %	CPS2 %	
New York Power Pool	NPCC	170.60	92.40	CPS
Louisiana Energy & Power Authority	SPP	218.70	98.70	CPS
WAPA - Upper Great Plains West	WSCC-RMPP	175.27	99.80	CPS
June 1997				
PJM Interconnection	MAAC	160.47	85.20	CPS
ComEd	MAIN	141.50	94.30	CPS
Dairyland Power Cooperative	MAPP	246.22	96.66	CPS
Minnesota Power Company	MAPP	185.78	98.82	CPS
WAPA - Upper Great Plains East	MAPP	196.31	100.00	CPS
MidAmerican Energy Company	MAPP	169.69	98.63	CPS
WAPA - Upper Great Plains West	WSCC-RMPP	187.02	96.80	CPS
May 1997				
PJM Interconnection	MAAC	159.80	90.00	CPS
ComEd	MAIN	129.90	94.60	CPS
MidAmerican Energy Company	MAPP	176.62	98.39	CPS
WAPA - Upper Great Plains East	MAPP	196.58	100.00	CPS
Dairyland Power Cooperative	MAPP	209.74	99.14	CPS
WAPA - Upper Great Plains West	WSCC-RMPP	163.81	99.41	CPS
April 1997				
PJM Interconnection	MAAC	159.78	91.30	CPS
ComEd	MAIN			CPS
MidAmerican Energy Company	MAPP	182.69	99.27	CPS
March 1997				
PJM Interconnection	MAAC	158.60	92.70	CPS
ComEd	MAIN	63.50	75.00	CPS
February 1997				
PJM Interconnection	MAAC	157.96	90.30	CPS
ComEd	MAIN	99.60	84.10	CPS
January 1997				
PJM Interconnection	MAAC	157.94	90.00	CPS
ComEd	MAIN	95.00	94.80	CPS

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Control Area	Region	% Compliance		Method
		CPS1 %	CPS2 %	
December 1996				
PJM Interconnection	MAAC	157.27	88.20	CPS
ComEd	MAIN	72.10	76.10	CPS
November 1996				
PJM Interconnection	MAAC	157.65	88.60	CPS
October 1996				
PJM Interconnection	MAAC	157.41	88.30	CPS

During October 1996 thru February 1997, ComEd and PJM were not evaluating their CPS performance against the epsilon1 limit of 18.