

North American Electric Reliability Council

Performance Subcommittee

Date of Survey - October 20, 1997

Control Performance Criteria Survey

Due Date	Region	Date Received	(Early) /Late	This Month's	Last Month's	Method Rec'd
				Received Order	Received Order	
11/20	MAAC	11/11	(9)	1	1	Fax
	MAPP	11/17	(3)	2	8	e-mail
	WSCC/RMPP	11/17	(3)	3	12	e-mail
	ECAR	11/18	(2)	4	3	Fax
	WSCC/NWPP	11/20	0	5	2	e-mail
	MAIN	11/22	2	6	10	e-mail
	ERCOT	11/24	4	7	6	e-mail
	WSCC/CANV	11/24	4	8	4	e-mail
	FRCC	11/25	5	9	5	e-mail
	SERC	11/25	5	10	11	e-mail
	NPCC	11/26	6	11	13	e-mail
	WSCC/AZNM	11/28	8	12	9	e-mail
	SPP	12/03	13	13	7	e-mail

NERC Control Performance Summary - All Interconnections

10/20/97

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		
		Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97				
Grant County PUD #1	WSCC-NWPP	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	100.0	100.0	1
City of Independence Missouri	SPP	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	100.0	100.0	2
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	100.0	100.0	100.0	3
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	100.0	100.0	100.0	100.0	4
S Texas & Medina Electric Coops.	ERCOT	99.3	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.7	5
Hydro-Quebec	NPCC	99.6	99.6	99.8	99.8	99.9	99.4	99.7	98.9	99.3	99.5	99.7	99.5	99.5	99.7	99.6	6
Manitoba Hydro-Electric Board	MAPP	99.0	99.3	100.0	100.0	100.0	98.3	100.0	98.3	100.0	100.0	100.0	100.0	100.0	100.0	99.6	7
British Columbia Hydro & Power	WSCC-NWPP	99.3	99.7	98.6	99.3	100.0	99.0	99.7	98.6	99.0	100.0	100.0	100.0	99.3	99.3	99.4	8
San Diego Gas & Electric Company	WSCC-CANV	97.6	99.7	100.0	100.0	99.7	99.3	99.3	99.3	99.7	98.3	99.3	99.7	99.3	99.7	99.3	9
Texas-New Mexico Power Company	ERCOT	96.9	99.7	99.0	100.0	100.0	100.0	100.0	98.6	99.7	98.6	100.0	100.0	100.0	100.0	99.3	10
City of Starke	FRCC	97.9	100.0	97.9	100.0	100.0	100.0	100.0	100.0	97.9	100.0	97.9	98.6	100.0	100.0	99.1	11
Lincoln Electric System	MAPP	98.9	98.6	99.0	98.7	98.8	99.0	99.5	99.5	99.4	99.5	99.3	98.9	98.9	98.9	99.1	12
Carolina Power & Light Co. West	SERC	98.8	99.1	99.4	99.4	98.6	99.4	99.2	99.0	99.0	98.6	99.3	98.7	98.7	98.7	99.0	13
Salt River Project	WSCC-AZNM	99.0	99.7	99.0	99.3	99.3	99.7	97.2	99.7	99.3	97.2	96.9	98.6	98.6	98.6	98.7	14
Southern California Edison Company	WSCC-CANV	97.2	97.6	99.3	100.0	99.0	99.7	100.0	95.1	99.7	100.0	100.0	96.5	96.5	96.5	98.7	15
South Mississippi Electric Power	SERC	100.0	98.3	100.0	100.0	99.7	94.4	99.3	99.3	98.6	100.0	96.5	98.6	98.6	98.6	98.6	16
Portland General Electric Company	WSCC-NWPP	99.7	99.7	95.8	99.7	98.6	99.0	99.0	99.7	98.3	98.3	97.2	98.3	98.3	97.2	98.6	17
Gainesville Regional Utilities	FRCC	99.0	96.2	97.9	99.3	98.6	99.3	99.3	98.6	98.3	99.0	99.0	98.3	98.3	98.3	98.5	18
Central & South West Sevices, Inc.	ERCOT	97.1	96.9	98.0	99.1	98.7	98.7	98.7	99.0	100.0	98.1	98.5	98.9	98.9	98.9	98.5	19
Houston Lighting & Power Company	ERCOT	96.5	97.2	97.2	99.7	97.6	97.6	99.0	99.3	99.0	99.3	98.6	99.7	99.7	99.7	98.4	20
City of Key West	FRCC	99.3	99.0	99.3	93.4	96.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	98.3	21
Ontario Hydro	NPCC	97.3	98.0	97.8	98.1	98.6	98.4	98.3	97.9	98.2	98.4	99.0	98.5	98.5	98.5	98.2	22
Puget Sound Energy	WSCC-NWPP	99.7	94.4	98.3	95.1	97.6	100.0	100.0	96.5	99.7	100.0	99.0	96.9	96.9	96.9	98.1	23
Tacoma City Light	WSCC-NWPP	97.2	97.6	99.0	99.3	91.3	97.9	97.6	100.0	98.6	100.0	98.3	100.0	100.0	100.0	98.1	24
Muscatine Power & Water	MAPP	86.1	99.0	100.0	97.6	100.0	97.9	99.0	99.3	98.3	100.0	99.7	100.0	100.0	100.0	98.1	25
WAPA - Colorado Missouri	WSCC-RMPP	99.0	99.3	93.6	99.3	95.7	99.3	98.6	97.9	98.3	99.3	97.9	99.7	99.7	99.7	98.0	26
Westplains Energy	SPP	98.3	93.1	99.7	100.0	100.0	100.0	100.0	100.0	91.7	97.2	100.0	100.0	100.0	100.0	98.0	27
City of Homestead	FRCC	96.9	98.3	97.6	97.2	97.9	97.9	97.9	99.3	97.2	97.6	97.9	96.9	96.9	96.9	97.7	28
Seattle City Light	WSCC-NWPP	99.0	98.6	99.0	99.3	98.6	98.3	95.5	91.7	95.8	96.9	99.7	100.0	100.0	100.0	97.7	29
Otter Tail Power Company	MAPP	96.3	97.3	97.9	97.8	97.0	97.3	98.2	97.7	96.2	98.1	98.8	97.4	97.4	97.4	97.5	30
Pacific Gas & Electric Company	WSCC-CANV	99.3	91.0	93.8	94.4	99.3	99.3	97.9	97.6	99.7	99.0	98.3	100.0	100.0	100.0	97.5	31
Washington Water Power Company	WSCC-NWPP	99.7	99.3	98.6	96.9	99.0	97.9	91.7	91.0	100.0	98.6	99.0	96.9	96.9	96.9	97.4	32
SEPA - Hartwell	SERC	99.0	97.6	98.3	98.3	98.3	99.0	99.7	99.7	84.7	97.9	100.0	99.3	99.3	99.3	97.4	33

NERC Control Performance Summary - All Interconnections

10/20/97

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
		Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97		
Bonneville Power Administration	WSCC-NWPP	96.2	97.2	93.1	97.2	98.3	96.2	98.3	93.8	100.0	97.6	99.0	99.0 D	97.1	34
City of Tallahassee	FRCC	88.2	99.7	99.3	96.2	99.7	94.8		95.1	99.3	98.3	98.3	99.7 D	97.1	35
SEPA - Russell	SERC	96.9	95.1	96.9		94.8	97.9	97.6	95.1	100.0	98.6	97.6	97.6 D	97.1	36
Nevada Power Company	WSCC-CANV	97.9	96.9	100.0	100.0	100.0	100.0	99.0	95.5	97.6	100.0	99.3	78.1 D	97.0	37
Idaho Power Company	WSCC-NWPP	95.5	99.0	100.0	95.5	95.5	96.0	95.8	97.2	97.6	99.7	96.5	91.7 D	96.7	38
Public Service of New Mexico	WSCC-AZNM	95.1	98.3	93.0	97.2	97.9	98.3	94.8	94.4	99.0	94.4	100.0	94.3 D	96.4	39
Lower Colorado River Authority	ERCOT	96.9	94.7	95.4	95.4	96.3	96.2	94.8	97.0	97.2	96.0	95.1	100.0 M	96.2	40
Texas Municipal Power Pool	ERCOT	93.8	94.1	92.0	99.0	97.6	97.6	94.4	95.8	97.2	95.1	97.9	100.0 D	96.2	41
Duke Power Company	SERC	98.3	97.2	89.2		97.2	94.8	96.2	97.6	98.3	98.6	97.2	92.4 D	96.1	42
City of Pasadena	WSCC-CANV	89.6	97.6		97.9	95.5	92.7	96.5	94.8	97.6	97.6	98.6	98.6 D	96.1	43
City of Austin	ERCOT	92.7	79.5	99.0	96.5	99.7	99.7	98.3	96.5	98.3	95.1	98.3	99.3 D	96.1	44
TransAlta Utilities Corporation	WSCC-NWPP	97.2	97.6	98.6	94.1	96.9	95.5	94.8	93.4	98.3	94.1	95.1	93.8 D	95.8	45
Southern Minnesota Muni. Power	MAPP	95.8	93.1	92.4	95.5	96.5	97.9	99.0	97.9	88.2	97.6	97.9	96.9 D	95.7	46
Florida Power Corporation	FRCC	96.9	97.6	96.9	94.4	97.2	97.9		95.8	92.4	93.4	93.8	95.8 D	95.6	47
Texas Utilities Company	ERCOT	92.7	92.0	93.0	96.2	95.8	95.6	96.8	96.5	96.9	97.8	97.2	97.3 M	95.6	48
Montana Power Company	WSCC-NWPP	99.7	98.3	96.5	95.5	100.0	93.4	87.2	92.0	95.8	95.8	95.5	95.5 D	95.4	49
Grand River Dam Authority	SPP	87.5	95.8	99.0	97.6	96.9	98.3	87.8	100.0	94.8	91.3	95.8	97.9 D	95.2	50
Chelan County PUD #1	WSCC-NWPP	96.5	93.4	100.0	95.5	90.6	92.0	92.0	86.4	99.3	100.0	100.0	96.9 D	95.2	51
New England Power Exchange	NPCC	94.5	95.8	96.7	95.5	96.3	95.4	96.1	96.3	96.1	92.5	93.4	93.6 M	95.2	52
Seminole Electric Cooperative	FRCC	89.6	92.7	89.9	91.3	100.0	93.4		97.9	99.3	97.9	96.2	97.6 D	95.1	53
Douglas County PUD #1	WSCC-NWPP	100.0	99.7	100.0	100.0	99.7	89.9	94.1	91.7	95.1	96.2	88.5	84.7 D	95.0	54
Cajun Electric Power Cooperative	SPP	95.6	95.6	93.8	95.5	96.6	96.0	95.3	94.6	94.5	94.1	93.9	93.0 M	94.9	55
Southern Illinois Power Coop	MAIN	100.0	94.4	99.7	100.0	100.0	100.0	91.3	100.0	91.7	93.4	70.8	97.2 D	94.9	56
Public Utilities Board Brownsville	ERCOT	95.6	92.1	95.8	100.0	96.2	96.1	91.9	91.2		93.6		96.2 M	94.9	57
SEPA - Thurmond	SERC	94.4	89.9	94.4		93.8	95.1	97.9		98.3	92.0	96.2	96.5 D	94.9	58
Upper Peninsula Power Company	MAIN	74.3	79.2	97.2	93.4	98.3	100.0	100.0	99.3	100.0	99.7	96.9	99.3 D	94.8	59
Carolina Power & Light Co. East	SERC	93.9	93.8	94.7		95.6	95.3	94.3	94.6	93.0	94.1	95.3	95.9 D	94.6	60
Electric Energy, Inc.	MAIN	95.8	92.3	94.1	96.6	93.1	94.3	96.4	95.6	93.0	92.5	95.5	93.8 D	94.4	61
Union Electric Company	MAIN		100.0	83.3	96.2	97.6	87.5	95.8	94.1	95.5	94.4	98.6	95.1 D	94.4	62
Florida Municipal Power Pool	FRCC	96.0	96.3	95.5	94.3	96.2	95.2		93.6	92.6	93.0	93.6	91.8 M	94.4	63
Jacksonville Electric Authority	FRCC	92.0	94.7	95.4	92.6	95.2	94.4		94.5	94.1	93.4	93.5	96.1 M	94.2	64
City of Ft. Pierce	FRCC	95.1	94.8	86.5	95.8	95.1	93.4		87.5	97.9	95.8	96.2	96.5 D	94.1	65
City of Lake Worth	FRCC	92.7	79.9	92.4	99.3	96.2	93.1		97.2	93.8	91.3	96.9	99.3 D	93.8	66

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Alabama Electric Cooperative	SERC	97.2	98.3	95.5		87.2	86.5	98.6	88.9	96.2	94.8	93.1	92.7 D	93.5	67
Entergy Electric System	SPP	94.5	94.0	94.4	95.3	82.9	95.3	95.8	95.5	94.9	94.3	92.6	92.8 M	93.5	68
Kentucky Utilities Company	ECAR	90.3	93.4	89.9		92.4	92.0	94.4	95.1	88.9	97.8	97.9	93.4 D	93.2	69
City WL&P-Springfield	MAIN	87.8	97.9	94.8	98.6	95.1	96.5	96.9	70.5	91.7	99.7	92.0	96.2 D	93.1	70
Arizona Public Service Company	WSCC-AZNM	97.9	99.7	93.4	95.8	93.4	98.3	79.9	88.2	89.2	93.8	97.2	90.3 D	93.1	71
Tampa Electric Company	FRCC	88.9	93.7	91.9	95.6	97.3	95.4		94.8	90.8	93.2	91.8	90.3 M	93.1	72
Yadkin, Inc.	SERC	96.5		88.9		99.3	100.0	99.3	91.3	86.5	79.2		93.4 D	92.7	73
Maritime Area	NPCC	94.5	95.1	94.5	94.5	96.0	91.7	90.2	93.5	91.0	91.1	89.5	87.8 M	92.4	74
L.A. Dept of Water & Power	WSCC-CANV	93.6	94.3	93.4	93.2	93.2	92.8	90.5	91.1	92.3	91.0	90.8	92.1 D	92.4	75
Central Illinois Pub Serv Co	MAIN	92.0	90.7	90.9	93.4	96.0	93.6	94.7	93.9	88.1	89.7	91.8	93.0 M	92.3	76
United Power Association	MAPP	91.5	90.3	88.2	92.0	92.0	94.2	94.8	93.7	91.2	92.0	94.3	91.8 M	92.2	77
El Paso Electric Company	WSCC-AZNM	95.1	83.3	96.9	93.8	100.0	80.9	93.4	92.7	91.0	95.1	92.7	91.0 D	92.2	78
PacifiCorp-East	WSCC-NWPP	95.1	93.1	95.8	92.4	92.0	89.2	97.9	84.7	99.0	77.4	94.1	91.0 D	91.8	79
Pub Serv Co of Colorado	WSCC-RMPP	93.7	90.5	91.8		93.8	93.2	93.0	91.2	88.3	91.2	89.7	91.2 M	91.6	80
Virginia Power	SERC	91.7	91.3	85.1		92.3	93.0	91.3	95.1	92.4	91.7	92.7	88.2 D	91.3	81
PacifiCorp-West	WSCC-NWPP	97.9	95.1	95.1	88.9	91.5	89.9	85.4	84.8	91.0	94.0	93.1	87.2 D	91.2	82
Northern States Power Company	MAPP	97.9	97.2	95.5	96.5	84.4	92.4	85.1	87.5	94.4	89.2	91.7	79.5 D	90.9	83
Tucson Electric Power Company	WSCC-AZNM	86.8	90.3	92.0	95.1	93.8	93.4	90.6	93.1	89.2	85.1	89.6	92.0 D	90.9	84
WAPA - Lower Colorado	WSCC-AZNM	94.8	96.9	97.6		98.3	92.0	86.8	94.4	99.3	85.1	55.2	97.6 D	90.7	85
Michigan Electric Coordinated Syst	ECAR	91.1	89.5	90.3		92.3	92.4	91.3	89.6	88.3	89.5	91.6	91.7 M	90.7	86
St. Joseph Light & Power Company	SPP	85.8	96.9	99.0	91.3	84.7	78.8	81.6	89.2	89.9	93.4	94.8	90.6 D	89.7	87
The Dayton Power & Light Company	ECAR	92.0	89.9	85.1		92.5	93.2	88.7	87.3	86.4	88.7	90.0	90.9 M	89.5	88
Tennessee Valley Authority	SERC	83.3	85.1	92.4		90.6	91.0	88.9	88.2	83.0	92.0	96.2	90.3 D	89.2	89
American Electric Power Company	ECAR	87.1	84.7	84.8		89.1	92.2	91.4	88.5	87.5	88.4	89.8	90.1 M	88.5	90
Indianapolis Power & Light Company	ECAR	86.8	87.3	86.5		98.2	89.0	90.2	87.5	84.1	86.2	89.2	84.9 M	88.2	91
Wisconsin Power & Light Company	MAIN		100.0	100.0	100.0	77.8	67.0	78.8	85.1	95.1	86.8	91.0	80.9 D	87.5	92
Saskatchewan Power Corporation	MAPP	92.0	86.5	99.0	94.4	81.3	85.8	83.7	80.2	87.2	86.5	83.0	87.5 D	87.2	93
Imperial Irrigation District	WSCC-AZNM	91.7	91.0	88.9	78.1	92.0	85.1	88.2	80.6	91.3	91.3	67.0	82.3 D	85.6	94
Missouri Public Service Company	SPP	94.8	93.4	71.9	89.6	93.1	69.8	91.0	86.1	89.2	81.3	87.5	73.6 D	85.1	95
Ohio Valley Electric Corporation	ECAR	86.5	83.6	84.0		84.5	83.3	87.9	84.0	84.5	86.6	84.4	84.1 M	84.9	96
Allegheny Power System	ECAR	86.9	84.1	86.2		86.8	84.8	84.6	81.3	80.6	85.3	84.9	85.6 M	84.7	97
South Carolina Public Service	SERC		81.3	86.8		86.1	80.2	82.6	85.8	80.9	82.3	82.3	85.4 D	83.4	98
Louisville Gas & Electric Co	ECAR	87.8	85.8	78.5		86.1	91.3	95.5	77.1	70.1	79.5	81.3	81.6 D	83.1	99

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Wisconsin Public Service Corporation	MAIN	81.3	83.0	62.8	63.9	76.4	80.6	87.5	85.8	96.9	98.6	87.2	85.4 D	82.4	100
South Carolina Electric & Gas Co	SERC	65.6	73.3	87.2		95.5	86.1	86.8	74.7	79.9	86.1	86.1	83.3 D	82.2	101
Comision Federal de Electricidad	WSCC-CANV	77.8	69.4	88.4	84.2	83.8	87.3	85.1	80.0	82.0	83.0	81.2	83.8 D	82.2	102
IES Utilities	MAPP	90.7	88.9	86.2	87.9	86.1	90.7	81.4	73.3	73.5	75.1	77.9	65.7 D	81.4	103
Hoosier Energy Rural Electric Coop	ECAR	67.0	85.4	78.5		73.6	88.2	75.3	80.2	86.1	88.9	84.4	81.6 D	80.8	104
Southern Indiana Gas & Electric Co	ECAR	77.1	81.9	85.4		81.9	73.6	85.8	83.3	72.2	77.1	82.3	82.3 D	80.3	105
Madison Gas & Electric Company	MAIN	75.7	80.6	83.3	86.8	64.9	83.0	90.6	71.9	76.0	79.5	89.6	78.1 D	80.0	106
Ohio Edison Company	ECAR	80.2	74.7	80.7		82.6	81.0	77.5	80.8	81.7	78.5	76.4	77.3 M	79.2	107
Big Rivers Electric Corporation	ECAR	75.7	68.8	80.9		72.9	89.9	86.8	62.8	71.2	88.5	85.4	85.8 D	79.0	108
Oklahoma Gas & Electric Company	SPP	91.3	93.1	64.9		83.0	61.1	72.9	84.7	76.0	84.0	66.0	71.5 D	77.1	109
East Kentucky Power Cooperative	ECAR	74.1	74.2	79.0		78.8	76.6	79.4	83.0	77.3	78.8	72.0	71.7 M	76.8	110
Duquesne Light Company	ECAR	63.5	60.7	72.4		70.7	62.6	68.3	70.0	72.0	69.4	69.0	76.8 M	68.7	111
Cinergy Corporation	ECAR	66.7	67.4	68.2		76.2	68.3	69.5	65.3	60.9	66.5	68.0	67.4 M	67.7	112
The Toledo Edison Company	ECAR	67.0	62.5	54.5		72.2	81.9	78.8	53.5	55.9	54.5	49.6	78.5 D	64.5	113
Cleveland Electric Illuminating Co	ECAR	67.4	52.1	57.3		65.3	53.1	75.0	62.2	68.1	52.1	66.7	64.6 D	62.2	114
Northern Indiana Public Service Co	ECAR	60.8	58.0	57.6		65.3	51.0	60.8	60.1	58.7	78.1	66.0	66.7 D	62.1	115
Central Illinois Light Company	MAIN	51.9	51.9	53.0	49.2	53.5	54.5	56.2	55.3	54.8	49.3	53.7	45.6 M	52.4	116

Note:

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

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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	
		Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97			
City of Independence Missouri	SPP	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 D	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
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	100.0 X	100.0	3
Hydro-Quebec	NPCC	99.6	99.6	99.8	99.8	99.9	99.4	99.7	98.9	99.3	99.5	99.7	99.5 M	99.6	4	
Manitoba Hydro-Electric Board	MAPP	99.0	99.3	100.0	100.0	100.0	98.3	100.0	98.3	100.0	100.0	100.0	100.0 D	99.6	5	
City of Starke	FRCC	97.9	100.0	97.9	100.0	100.0	100.0		97.9	100.0	97.9	98.6	100.0 D	99.1	6	
Lincoln Electric System	MAPP	98.9	98.6	99.0	98.7	98.8	99.0	99.5	99.5	99.4	99.5	99.3	98.9 M	99.1	7	
Carolina Power & Light Co. West	SERC	98.8	99.1	99.4		98.6	99.4	99.2	99.0	99.0	98.6	99.3	98.7 D	99.0	8	
South Mississippi Electric Power	SERC	100.0	98.3	100.0		99.7	94.4	99.3	99.3	98.6	100.0	96.5	98.6 D	98.6	9	
Gainesville Regional Utilities	FRCC	99.0	96.2	97.9	99.3	98.6	99.3		98.6	98.3	99.0	99.0	98.3 D	98.5	10	
City of Key West	FRCC	99.3	99.0	99.3	93.4	96.2	99.3		99.3	99.3	99.3	99.3	97.9 D	98.3	11	
Ontario Hydro	NPCC	97.3	98.0	97.8	98.1	98.6	98.4	98.3	97.9	98.2	98.4	99.0	98.5 M	98.2	12	
Muscatine Power & Water	MAPP	86.1	99.0	100.0	97.6	100.0	97.9	99.0	99.3	98.3	100.0	99.7	100.0 D	98.1	13	
Westplains Energy	SPP	98.3	93.1	99.7	100.0	100.0		100.0	100.0	91.7	97.2	100.0	D	98.0	14	
City of Homestead	FRCC	96.9	98.3	97.6	97.2	97.9	97.9		99.3	97.2	97.6	97.9	96.9 D	97.7	15	
Otter Tail Power Company	MAPP	96.3	97.3	97.9	97.8	97.0	97.3	98.2	97.7	96.2	98.1	98.8	97.4 M	97.5	16	
SEPA - Hartwell	SERC	99.0	97.6	98.3		98.3	99.0	99.7		84.7	97.9	100.0	99.3 D	97.4	17	
City of Tallahassee	FRCC	88.2	99.7	99.3	96.2	99.7	94.8		95.1	99.3	98.3	98.3	99.7 D	97.1	18	
SEPA - Russell	SERC	96.9	95.1	96.9		94.8	97.9	97.6	95.1	100.0	98.6	97.6	97.6 D	97.1	19	
Duke Power Company	SERC	98.3	97.2	89.2		97.2	94.8	96.2	97.6	98.3	98.6	97.2	92.4 D	96.1	20	
Southern Minnesota Muni. Power	MAPP	95.8	93.1	92.4	95.5	96.5	97.9	99.0	97.9	88.2	97.6	97.9	96.9 D	95.7	21	
Florida Power Corporation	FRCC	96.9	97.6	96.9	94.4	97.2	97.9		95.8	92.4	93.4	93.8	95.8 D	95.6	22	
Grand River Dam Authority	SPP	87.5	95.8	99.0	97.6	96.9	98.3	87.8	100.0	94.8	91.3	95.8	97.9 D	95.2	23	
New England Power Exchange	NPCC	94.5	95.8	96.7	95.5	96.3	95.4	96.1	96.3	96.1	92.5	93.4	93.6 M	95.2	24	
Seminole Electric Cooperative	FRCC	89.6	92.7	89.9	91.3	100.0	93.4		97.9	99.3	97.9	96.2	97.6 D	95.1	25	
Cajun Electric Power Cooperative	SPP	95.6	95.6	93.8	95.5	96.6	96.0	95.3	94.6	94.5	94.1	93.9	93.0 M	94.9	26	
Southern Illinois Power Coop	MAIN	100.0	94.4	99.7	100.0	100.0	100.0	91.3	100.0	91.7	93.4	70.8	97.2 D	94.9	27	
SEPA - Thurmond	SERC	94.4	89.9	94.4		93.8	95.1	97.9		98.3	92.0	96.2	96.5 D	94.9	28	
Upper Peninsula Power Company	MAIN	74.3	79.2	97.2	93.4	98.3	100.0	100.0	99.3	100.0	99.7	96.9	99.3 D	94.8	29	
Carolina Power & Light Co. East	SERC	93.9	93.8	94.7		95.6	95.3	94.3	94.6	93.0	94.1	95.3	95.9 D	94.6	30	
Electric Energy, Inc.	MAIN	95.8	92.3	94.1	96.6	93.1	94.3	96.4	95.6	93.0	92.5	95.5	93.8 D	94.4	31	
Union Electric Company	MAIN		100.0	83.3	96.2	97.6	87.5	95.8	94.1	95.5	94.4	98.6	95.1 D	94.4	32	
Florida Municipal Power Pool	FRCC	96.0	96.3	95.5	94.3	96.2	95.2		93.6	92.6	93.0	93.6	91.8 M	94.4	33	

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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
		Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97		
Jacksonville Electric Authority	FRCC	92.0	94.7	95.4	92.6	95.2	94.4		94.5	94.1	93.4	93.5	96.1 M	94.2	34
City of Ft. Pierce	FRCC	95.1	94.8	86.5	95.8	95.1	93.4		87.5	97.9	95.8	96.2	96.5 D	94.1	35
City of Lake Worth	FRCC	92.7	79.9	92.4	99.3	96.2	93.1		97.2	93.8	91.3	96.9	99.3 D	93.8	36
Alabama Electric Cooperative	SERC	97.2	98.3	95.5		87.2	86.5	98.6	88.9	96.2	94.8	93.1	92.7 D	93.5	37
Entergy Electric System	SPP	94.5	94.0	94.4	95.3	82.9	95.3	95.8	95.5	94.9	94.3	92.6	92.8 M	93.5	38
Kentucky Utilities Company	ECAR	90.3	93.4	89.9		92.4	92.0	94.4	95.1	88.9	97.8	97.9	93.4 D	93.2	39
City WL&P-Springfield	MAIN	87.8	97.9	94.8	98.6	95.1	96.5	96.9	70.5	91.7	99.7	92.0	96.2 D	93.1	40
Tampa Electric Company	FRCC	88.9	93.7	91.9	95.6	97.3	95.4		94.8	90.8	93.2	91.8	90.3 M	93.1	41
Yadkin, Inc.	SERC	96.5		88.9		99.3	100.0	99.3	91.3	86.5	79.2		93.4 D	92.7	42
Maritime Area	NPCC	94.5	95.1	94.5	94.5	96.0	91.7	90.2	93.5	91.0	91.1	89.5	87.8 M	92.4	43
Central Illinois Pub Serv Co	MAIN	92.0	90.7	90.9	93.4	96.0	93.6	94.7	93.9	88.1	89.7	91.8	93.0 M	92.3	44
United Power Association	MAPP	91.5	90.3	88.2	92.0	92.0	94.2	94.8	93.7	91.2	92.0	94.3	91.8 M	92.2	45
Virginia Power	SERC	91.7	91.3	85.1		92.3	93.0	91.3	95.1	92.4	91.7	92.7	88.2 D	91.3	46
Northern States Power Company	MAPP	97.9	97.2	95.5	96.5	84.4	92.4	85.1	87.5	94.4	89.2	91.7	79.5 D	90.9	47
Michigan Electric Coordinated Syst	ECAR	91.1	89.5	90.3		92.3	92.4	91.3	89.6	88.3	89.5	91.6	91.7 M	90.7	48
St. Joseph Light & Power Company	SPP	85.8	96.9	99.0	91.3	84.7	78.8	81.6	89.2	89.9	93.4	94.8	90.6 D	89.7	49
The Dayton Power & Light Company	ECAR	92.0	89.9	85.1		92.5	93.2	88.7	87.3	86.4	88.7	90.0	90.9 M	89.5	50
Tennessee Valley Authority	SERC	83.3	85.1	92.4		90.6	91.0	88.9	88.2	83.0	92.0	96.2	90.3 D	89.2	51
American Electric Power Company	ECAR	87.1	84.7	84.8		89.1	92.2	91.4	88.5	87.5	88.4	89.8	90.1 M	88.5	52
Indianapolis Power & Light Company	ECAR	86.8	87.3	86.5		98.2	89.0	90.2	87.5	84.1	86.2	89.2	84.9 M	88.2	53
Wisconsin Power & Light Company	MAIN		100.0	100.0	100.0	77.8	67.0	78.8	85.1	95.1	86.8	91.0	80.9 D	87.5	54
Saskatchewan Power Corporation	MAPP	92.0	86.5	99.0	94.4	81.3	85.8	83.7	80.2	87.2	86.5	83.0	87.5 D	87.2	55
Missouri Public Service Company	SPP	94.8	93.4	71.9	89.6	93.1	69.8	91.0	86.1	89.2	81.3	87.5	73.6 D	85.1	56
Ohio Valley Electric Corporation	ECAR	86.5	83.6	84.0		84.5	83.3	87.9	84.0	84.5	86.6	84.4	84.1 M	84.9	57
Allegheny Power System	ECAR	86.9	84.1	86.2		86.8	84.8	84.6	81.3	80.6	85.3	84.9	85.6 M	84.7	58
South Carolina Public Service	SERC		81.3	86.8		86.1	80.2	82.6	85.8	80.9	82.3	82.3	85.4 D	83.4	59
Louisville Gas & Electric Co	ECAR	87.8	85.8	78.5		86.1	91.3	95.5	77.1	70.1	79.5	81.3	81.6 D	83.1	60
Wisconsin Public Service Corporation	MAIN	81.3	83.0	62.8	63.9	76.4	80.6	87.5	85.8	96.9	98.6	87.2	85.4 D	82.4	61
South Carolina Electric & Gas Co	SERC	65.6	73.3	87.2		95.5	86.1	86.8	74.7	79.9	86.1	86.1	83.3 D	82.2	62
IES Utilities	MAPP	90.7	88.9	86.2	87.9	86.1	90.7	81.4	73.3	73.5	75.1	77.9	65.7 D	81.4	63
Hoosier Energy Rural Electric Coop	ECAR	67.0	85.4	78.5		73.6	88.2	75.3	80.2	86.1	88.9	84.4	81.6 D	80.8	64
Southern Indiana Gas & Electric Co	ECAR	77.1	81.9	85.4		81.9	73.6	85.8	83.3	72.2	77.1	82.3	82.3 D	80.3	65
Madison Gas & Electric Company	MAIN	75.7	80.6	83.3	86.8	64.9	83.0	90.6	71.9	76.0	79.5	89.6	78.1 D	80.0	66

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Control Area	Region	% Compliance												Accum	Rank
		Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97		
Ohio Edison Company	ECAR	80.2	74.7	80.7		82.6	81.0	77.5	80.8	81.7	78.5	76.4	77.3 M	79.2	67
Big Rivers Electric Corporation	ECAR	75.7	68.8	80.9		72.9	89.9	86.8	62.8	71.2	88.5	85.4	85.8 D	79.0	68
Oklahoma Gas & Electric Company	SPP	91.3	93.1	64.9		83.0	61.1	72.9	84.7	76.0	84.0	66.0	71.5 D	77.1	69
East Kentucky Power Cooperative	ECAR	74.1	74.2	79.0		78.8	76.6	79.4	83.0	77.3	78.8	72.0	71.7 M	76.8	70
Duquesne Light Company	ECAR	63.5	60.7	72.4		70.7	62.6	68.3	70.0	72.0	69.4	69.0	76.8 M	68.7	71
Cinergy Corporation	ECAR	66.7	67.4	68.2		76.2	68.3	69.5	65.3	60.9	66.5	68.0	67.4 M	67.7	72
The Toledo Edison Company	ECAR	67.0	62.5	54.5		72.2	81.9	78.8	53.5	55.9	54.5	49.6	78.5 D	64.5	73
Cleveland Electric Illuminating Co	ECAR	67.4	52.1	57.3		65.3	53.1	75.0	62.2	68.1	52.1	66.7	64.6 D	62.2	74
Northern Indiana Public Service Co	ECAR	60.8	58.0	57.6		65.3	51.0	60.8	60.1	58.7	78.1	66.0	66.7 D	62.1	75
Central Illinois Light Company	MAIN	51.9	51.9	53.0	49.2	53.5	54.5	56.2	55.3	54.8	49.3	53.7	45.6 M	52.4	76

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

10/20/97

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		
		Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97				
Grant County PUD #1	WSCC-NWPP	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	D	100.0	1
British Columbia Hydro & Power	WSCC-NWPP	99.3	99.7	98.6	99.3	100.0	99.0	99.7	98.6	99.0	100.0	100.0	100.0	99.3	D	99.4	2
San Diego Gas & Electric Company	WSCC-CANV	97.6	99.7	100.0	100.0	99.7	99.3	99.3	99.3	99.7	98.3	99.3	99.7	99.7	D	99.3	3
Salt River Project	WSCC-AZNM	99.0	99.7	99.0	99.3	99.3	99.7	97.2	99.7	99.3	97.2	96.9	98.6	98.6	D	98.7	4
Southern California Edison Company	WSCC-CANV	97.2	97.6	99.3	100.0	99.0	99.7	100.0	95.1	99.7	100.0	100.0	96.5	96.5	D	98.7	5
Portland General Electric Company	WSCC-NWPP	99.7	99.7	95.8	99.7	98.6	99.0	99.0	99.7	98.3	98.3	97.2	98.3	98.3	D	98.6	6
Puget Sound Energy	WSCC-NWPP	99.7	94.4	98.3	95.1	97.6	100.0	100.0	96.5	99.7	100.0	99.0	96.9	96.9	D	98.1	7
Tacoma City Light	WSCC-NWPP	97.2	97.6	99.0	99.3	91.3	97.9	97.6	100.0	98.6	100.0	98.3	100.0	100.0	D	98.1	8
WAPA - Colorado Missouri	WSCC-RMPP	99.0	99.3	93.6		95.7	99.3	98.6	97.9	98.3	99.3	97.9	99.7	99.7	D	98.0	9
Seattle City Light	WSCC-NWPP	99.0	98.6	99.0	99.3	98.6	98.3	95.5	91.7	95.8	96.9	99.7	100.0	100.0	D	97.7	10
Pacific Gas & Electric Company	WSCC-CANV	99.3	91.0	93.8	94.4	99.3	99.3	97.9	97.6	99.7	99.0	98.3	100.0	100.0	D	97.5	11
Washington Water Power Company	WSCC-NWPP	99.7	99.3	98.6	96.9	99.0	97.9	91.7	91.0	100.0	98.6	99.0	96.9	96.9	D	97.4	12
Bonneville Power Administration	WSCC-NWPP	96.2	97.2	93.1	97.2	98.3	96.2	98.3	93.8	100.0	97.6	99.0	99.0	99.0	D	97.1	13
Nevada Power Company	WSCC-CANV	97.9	96.9	100.0	100.0	100.0	100.0	99.0	95.5	97.6	100.0	99.3	78.1	78.1	D	97.0	14
Idaho Power Company	WSCC-NWPP	95.5	99.0	100.0	95.5	95.5	96.0	95.8	97.2	97.6	99.7	96.5	91.7	91.7	D	96.7	15
Public Service of New Mexico	WSCC-AZNM	95.1	98.3	93.0	97.2	97.9	98.3	94.8	94.4	99.0	94.4	100.0	94.3	94.3	D	96.4	16
City of Pasadena	WSCC-CANV	89.6	97.6		97.9	95.5	92.7	96.5	94.8	97.6	97.6	98.6	98.6	98.6	D	96.1	17
TransAlta Utilities Corporation	WSCC-NWPP	97.2	97.6	98.6	94.1	96.9	95.5	94.8	93.4	98.3	94.1	95.1	93.8	93.8	D	95.8	18
Montana Power Company	WSCC-NWPP	99.7	98.3	96.5	95.5	100.0	93.4	87.2	92.0	95.8	95.8	95.5	95.5	95.5	D	95.4	19
Chelan County PUD #1	WSCC-NWPP	96.5	93.4	100.0	95.5	90.6	92.0	92.0	86.4	99.3	100.0	100.0	96.9	96.9	D	95.2	20
Douglas County PUD #1	WSCC-NWPP	100.0	99.7	100.0	100.0	99.7	89.9	94.1	91.7	95.1	96.2	88.5	84.7	84.7	D	95.0	21
Arizona Public Service Company	WSCC-AZNM	97.9	99.7	93.4	95.8	93.4	98.3	79.9	88.2	89.2	93.8	97.2	90.3	90.3	D	93.1	22
L.A. Dept of Water & Power	WSCC-CANV	93.6	94.3	93.4	93.2	93.2	92.8	90.5	91.1	92.3	91.0	90.8	92.1	92.1	D	92.4	23
El Paso Electric Company	WSCC-AZNM	95.1	83.3	96.9	93.8	100.0	80.9	93.4	92.7	91.0	95.1	92.7	91.0	91.0	D	92.2	24
PacifiCorp-East	WSCC-NWPP	95.1	93.1	95.8	92.4	92.0	89.2	97.9	84.7	99.0	77.4	94.1	91.0	91.0	D	91.8	25
Pub Serv Co of Colorado	WSCC-RMPP	93.7	90.5	91.8		93.8	93.2	93.0	91.2	88.3	91.2	89.7	91.2	91.2	M	91.6	26
PacifiCorp-West	WSCC-NWPP	97.9	95.1	95.1	88.9	91.5	89.9	85.4	84.8	91.0	94.0	93.1	87.2	87.2	D	91.2	27
Tucson Electric Power Company	WSCC-AZNM	86.8	90.3	92.0	95.1	93.8	93.4	90.6	93.1	89.2	85.1	89.6	92.0	92.0	D	90.9	28
WAPA - Lower Colorado	WSCC-AZNM	94.8	96.9	97.6		98.3	92.0	86.8	94.4	99.3	85.1	55.2	97.6	97.6	D	90.7	29
Imperial Irrigation District	WSCC-AZNM	91.7	91.0	88.9	78.1	92.0	85.1	88.2	80.6	91.3	91.3	67.0	82.3	82.3	D	85.6	30
Comision Federal de Electricidad	WSCC-CANV	77.8	69.4	88.4	84.2	83.8	87.3	85.1	80.0	82.0	83.0	81.2	83.8	83.8	D	82.2	31

NERC Control Performance Summary - Western Interconnection

10/20/97

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	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97	Accum	Rank
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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

10/20/97

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	
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97			Oct 97
Kentucky Utilities Company	ECAR	A1	91.0	95.1	91.0		92.4	92.4	95.1	97.2	91.0	99.3	98.6	94.4 D	94.3	1
		A2	89.6	91.7	88.9		92.4	91.7	93.8	93.1	86.8	96.4	97.2	92.4	92.2	
		AVG	90.3	93.4	89.9		92.4	92.0	94.4	95.1	88.9	97.8	97.9	93.4	93.2	
Michigan Electric Coordinated Syst	ECAR	A1	95.1	93.8	94.4		95.9	95.6	94.2	93.2	92.2	93.2	95.2	95.4 M	94.4	2
		A2	87.1	85.2	86.2		88.8	89.1	88.5	85.9	84.5	85.7	87.9	88.0	87.0	
		AVG	91.1	89.5	90.3		92.3	92.4	91.3	89.6	88.3	89.5	91.6	91.7	90.7	
The Dayton Power & Light Company	ECAR	A1	91.3	87.7	84.0		92.7	92.7	88.2	88.4	86.5	89.8	90.0	90.7 M	89.3	3
		A2	92.8	92.0	86.3		92.3	93.6	89.2	86.2	86.3	87.5	89.9	91.1	89.7	
		AVG	92.0	89.9	85.1		92.5	93.2	88.7	87.3	86.4	88.7	90.0	90.9	89.5	
American Electric Power Company	ECAR	A1	91.1	89.0	90.4		93.9	96.0	95.5	93.6	93.5	94.9	94.9	95.5 M	93.5	4
		A2	83.1	80.4	79.1		84.3	88.3	87.2	83.4	81.6	81.8	84.7	84.6	83.5	
		AVG	87.1	84.7	84.8		89.1	92.2	91.4	88.5	87.5	88.4	89.8	90.1	88.5	
Indianapolis Power & Light Company	ECAR	A1	88.0	88.9	88.6		98.7	91.5	91.8	90.3	84.4	86.4	90.7	86.0 M	89.6	5
		A2	85.6	85.7	84.3		97.7	86.5	88.5	84.6	83.8	85.9	87.8	83.9	86.8	
		AVG	86.8	87.3	86.5		98.2	89.0	90.2	87.5	84.1	86.2	89.2	84.9	88.2	
Ohio Valley Electric Corporation	ECAR	A1	88.3	86.4	84.7		84.6	81.9	88.0	84.1	84.6	86.5	84.4	83.3 M	85.2	6
		A2	84.7	80.8	83.2		84.3	84.7	87.9	83.8	84.3	86.6	84.5	84.8	84.5	
		AVG	86.5	83.6	84.0		84.5	83.3	87.9	84.0	84.5	86.6	84.4	84.1	84.9	
Allegheny Power System	ECAR	A1	94.4	91.8	94.4		94.6	93.8	93.2	91.6	91.2	94.0	93.9	93.5 M	93.3	7
		A2	79.4	76.4	78.1		79.0	75.7	76.1	71.1	70.1	76.6	75.9	77.7	76.0	
		AVG	86.9	84.1	86.2		86.8	84.8	84.6	81.3	80.6	85.3	84.9	85.6	84.7	
Louisville Gas & Electric Co	ECAR	A1	83.3	83.3	66.0		81.9	85.4	92.4	68.8	58.3	70.1	71.5	75.7 D	76.1	8
		A2	92.4	88.2	91.0		90.3	97.2	98.6	85.4	81.9	88.9	91.0	87.5	90.2	
		AVG	87.8	85.8	78.5		86.1	91.3	95.5	77.1	70.1	79.5	81.3	81.6	83.1	
Hoosier Energy Rural Electric Coop	ECAR	A1	61.1	83.3	74.3		68.1	84.7	72.2	78.5	81.3	87.5	81.9	76.4 D	77.2	9
		A2	72.9	87.5	82.6		79.2	91.7	78.5	81.9	91.0	90.3	86.8	86.8	84.5	
		AVG	67.0	85.4	78.5		73.6	88.2	75.3	80.2	86.1	88.9	84.4	81.6	80.8	

NERC Control Performance Summary - All Interconnections

10/20/97

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	
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97			Oct 97
Southern Indiana Gas & Electric Co	ECAR	A1	70.1	84.0	81.3		73.6	66.0	78.5	81.9	61.1	70.8	76.4	79.2D	74.8	10
		A2	84.0	79.9	89.6		90.3	81.3	93.1	84.7	83.3	83.3	88.2	85.4	85.7	
		AVG	77.1	81.9	85.4		81.9	73.6	85.8	83.3	72.2	77.1	82.3	82.3	80.3	
Ohio Edison Company	ECAR	A1	92.1	86.9	91.7		94.0	91.6	89.8	91.2	92.9	89.9	89.9	92.1M	91.1	11
		A2	68.4	62.5	69.7		71.2	70.3	65.2	70.5	70.6	67.1	62.9	62.4	67.4	
		AVG	80.2	74.7	80.7		82.6	81.0	77.5	80.8	81.7	78.5	76.4	77.3	79.2	
Big Rivers Electric Corporation	ECAR	A1	79.2	66.7	88.9		81.3	91.7	87.5	69.4	80.6	91.0	86.1	90.3D	83.0	12
		A2	72.2	70.8	72.9		64.6	88.2	86.1	56.3	61.8	86.1	84.7	81.3	75.0	
		AVG	75.7	68.8	80.9		72.9	89.9	86.8	62.8	71.2	88.5	85.4	85.8	79.0	
East Kentucky Power Cooperative	ECAR	A1	82.7	84.7	89.0		89.2	86.6	89.2	91.1	89.0	90.3	85.8	84.3M	87.4	13
		A2	65.4	63.6	69.0		68.4	66.6	69.6	74.8	65.7	67.3	58.1	59.2	66.2	
		AVG	74.1	74.2	79.0		78.8	76.6	79.4	83.0	77.3	78.8	72.0	71.7	76.8	
Duquesne Light Company	ECAR	A1	75.8	68.3	84.7		83.4	75.2	80.5	82.8	82.3	80.4	81.1	88.2M	80.2	14
		A2	51.2	53.0	60.2		58.0	50.0	56.0	57.2	61.8	58.5	57.0	65.5	57.1	
		AVG	63.5	60.7	72.4		70.7	62.6	68.3	70.0	72.0	69.4	69.0	76.8	68.7	
Cinergy Corporation	ECAR	A1	81.5	80.0	83.6		90.1	83.2	84.1	81.6	78.0	83.3	85.3	83.2M	83.1	15
		A2	52.0	54.8	52.8		62.3	53.4	55.0	49.0	43.8	49.8	50.7	51.7	52.3	
		AVG	66.7	67.4	68.2		76.2	68.3	69.5	65.3	60.9	66.5	68.0	67.4	67.7	
The Toledo Edison Company	ECAR	A1	76.4	70.8	59.7		79.9	87.5	87.5	72.9	74.3	77.8	69.6	84.0D	76.4	16
		A2	57.6	54.2	49.3		64.6	76.4	70.1	34.0	37.5	31.3	29.7	72.9	52.5	
		AVG	67.0	62.5	54.5		72.2	81.9	78.8	53.5	55.9	54.5	49.6	78.5	64.5	
Cleveland Electric Illuminating Co	ECAR	A1	84.7	63.9	76.4		85.4	70.1	90.3	74.3	84.0	67.4	84.8	79.9D	78.3	17
		A2	50.0	40.3	38.2		45.1	36.1	59.7	50.0	52.1	36.8	48.6	49.3	46.0	
		AVG	67.4	52.1	57.3		65.3	53.1	75.0	62.2	68.1	52.1	66.7	64.6	62.2	
Northern Indiana Public Service Co	ECAR	A1	95.1	88.9	97.2		97.2	81.9	97.2	97.2	93.1	65.3	97.9	97.2D	91.7	18
		A2	26.4	27.1	18.1		33.3	20.1	24.3	22.9	24.3	91.0	34.0	36.1	32.5	
		AVG	60.8	58.0	57.6		65.3	51.0	60.8	60.1	58.7	78.1	66.0	66.7	62.1	

NERC Control Performance Summary - All Interconnections

10/20/97

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
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97		
S Texas & Medina Electric Coops.	ERCOT	A1	98.6	97.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0		100.0 D	99.7	1
		A2	100.0	97.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0		100.0	99.8	
		AVG	99.3	97.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0		100.0	99.7	
Texas-New Mexico Power Company	ERCOT	A1	94.4	99.3	98.6	100.0	100.0	100.0	97.9	99.3	97.2	100.0		100.0 D	98.8	2
		A2	99.3	100.0	99.3	100.0	100.0	100.0	99.3	100.0	100.0	100.0		100.0	99.8	
		AVG	96.9	99.7	99.0	100.0	100.0	100.0	98.6	99.7	98.6	100.0		100.0	99.3	
Central & South West Sevices, Inc.	ERCOT	A1	98.4	98.4	99.0	99.5	99.4	99.4	98.8	99.3	100.0	98.8	98.8	99.3 M	99.1	3
		A2	95.7	95.5	97.0	98.8	98.1	98.0	98.6	98.7	100.0	97.5	98.2	98.5	97.9	
		AVG	97.1	96.9	98.0	99.1	98.7	98.7	98.7	99.0	100.0	98.1	98.5	98.9	98.5	
Houston Lighting & Power Company	ERCOT	A1	95.8	97.9	97.2	100.0	97.9	97.9	99.3	100.0	99.3	100.0	99.3	99.3 D	98.7	4
		A2	97.2	96.5	97.2	99.3	97.2	97.2	98.6	98.6	98.6	98.6	97.9	100.0	98.1	
		AVG	96.5	97.2	97.2	99.7	97.6	97.6	99.0	99.3	99.0	99.3	98.6	99.7	98.4	
Lower Colorado River Authority	ERCOT	A1	99.4	98.6	98.6	99.3	99.6	99.6	99.0	99.3	99.9	99.4	99.0	100.0 M	99.3	5
		A2	94.4	90.7	92.2	91.6	93.0	92.8	90.7	94.7	94.5	92.6	91.2	100.0	93.2	
		AVG	96.9	94.7	95.4	95.4	96.3	96.2	94.8	97.0	97.2	96.0	95.1	100.0	96.2	
Texas Municipal Power Pool	ERCOT	A1	93.1	91.7	91.0	99.3	99.3	99.3	95.1	95.1	99.3	95.1	96.5	100.0 D	96.2	6
		A2	94.4	96.5	93.1	98.6	95.8	95.8	93.8	96.5	95.1	95.1	99.3	100.0	96.2	
		AVG	93.8	94.1	92.0	99.0	97.6	97.6	94.4	95.8	97.2	95.1	97.9	100.0	96.2	
City of Austin	ERCOT	A1	93.8	79.2	98.6	96.5	100.0	100.0	97.2	95.8	97.9	95.1	98.6	99.3 D	96.0	7
		A2	91.7	79.9	99.3	96.5	99.3	99.3	99.3	97.2	98.6	95.1	97.9	99.3	96.1	
		AVG	92.7	79.5	99.0	96.5	99.7	99.7	98.3	96.5	98.3	95.1	98.3	99.3	96.1	
Texas Utilities Company	ERCOT	A1	95.1	94.1	96.3	98.6	98.3	98.2	98.7	98.7	98.5	99.1	99.0	99.0 M	97.8	8
		A2	90.2	89.9	89.6	93.8	93.2	93.0	94.8	94.2	95.3	96.5	95.5	95.7	93.5	
		AVG	92.7	92.0	93.0	96.2	95.8	95.6	96.8	96.5	96.9	97.8	97.2	97.3	95.6	
Public Utilities Board Brownsville	ERCOT	A1	93.6	87.4	92.4	100.0	94.5	94.4	86.3	85.3		90.5		93.3 M	91.8	9
		A2	97.7	96.8	99.2	100.0	97.9	97.9	97.5	97.1		96.7		99.1	98.0	
		AVG	95.6	92.1	95.8	100.0	96.2	96.1	91.9	91.2		93.6		96.2	94.9	

NERC Control Performance Summary - All Interconnections

10/20/97

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		
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97			Oct 97	
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	100.0	100.0	100.0	1
		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	
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	2
		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 Starke	FRCC	A1	95.8	100.0	95.8	100.0	100.0	100.0		95.8	100.0	95.8	97.2	100.0	98.2	98.2	3
		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	97.9	100.0	97.9	100.0	100.0	100.0		97.9	100.0	97.9	98.6	100.0	99.1	99.1	
Gainesville Regional Utilities	FRCC	A1	99.3	93.1	97.2	98.6	97.2	99.3		98.6	97.2	99.3	97.9	98.6	97.9	97.9	4
		A2	98.6	99.3	98.6	100.0	100.0	99.3		98.6	99.3	98.6	100.0	97.9	99.1	99.1	
		AVG	99.0	96.2	97.9	99.3	98.6	99.3		98.6	98.3	99.0	99.0	98.3	98.5	98.5	
City of Key West	FRCC	A1	98.6	97.9	98.6	86.8	92.4	98.6		98.6	98.6	98.6	98.6	95.8	96.7	96.7	5
		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	99.3	99.0	99.3	93.4	96.2	99.3		99.3	99.3	99.3	99.3	97.9	98.3	98.3	
City of Homestead	FRCC	A1	93.8	96.5	95.1	94.4	95.8	95.8		98.6	94.4	95.1	95.8	93.8	95.4	95.4	6
		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	96.9	98.3	97.6	97.2	97.9	97.9		99.3	97.2	97.6	97.9	96.9	97.7	97.7	
City of Tallahassee	FRCC	A1	87.5	99.3	98.6	95.8	100.0	90.3		96.5	99.3	96.5	96.5	99.3	96.3	96.3	7
		A2	88.8	100.0	100.0	96.5	99.3	99.3		93.7	99.3	100.0	100.0	100.0	97.9	97.9	
		AVG	88.2	99.7	99.3	96.2	99.7	94.8		95.1	99.3	98.3	98.3	99.7	97.1	97.1	
Florida Power Corporation	FRCC	A1	97.2	97.2	94.4	92.4	96.5	97.2		93.1	87.9	89.6	90.3	94.4	93.7	93.7	8
		A2	96.5	97.9	99.3	96.5	97.9	98.6		98.6	97.0	97.2	97.2	97.2	97.6	97.6	
		AVG	96.9	97.6	96.9	94.4	97.2	97.9		95.8	92.4	93.4	93.8	95.8	95.6	95.6	
Seminole Electric Cooperative	FRCC	A1	88.2	93.8	89.6	91.7	100.0	93.1		97.9	99.3	97.9	95.8	97.2	94.9	94.9	9
		A2	91.0	91.7	90.3	91.0	100.0	93.8		97.9	99.3	97.9	96.5	97.9	95.2	95.2	
		AVG	89.6	92.7	89.9	91.3	100.0	93.4		97.9	99.3	97.9	96.2	97.6	95.1	95.1	

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	
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97			Oct 97
Florida Municipal Power Pool	FRCC	A1	95.3	95.6	95.3	93.6	95.9	94.8		93.1	93.1	93.0	93.2	91.0 M	94.0	10
		A2	96.7	96.9	95.7	95.1	96.5	95.5		94.1	92.1	92.9	94.1	92.7	94.7	
		AVG	96.0	96.3	95.5	94.3	96.2	95.2		93.6	92.6	93.0	93.6	91.8	94.4	
Jacksonville Electric Authority	FRCC	A1	92.2	94.3	95.0	91.9	94.9	94.0		94.3	93.7	92.8	93.4	96.0 M	93.9	11
		A2	91.9	95.2	95.8	93.3	95.4	94.9		94.8	94.5	94.0	93.6	96.2	94.5	
		AVG	92.0	94.7	95.4	92.6	95.2	94.4		94.5	94.1	93.4	93.5	96.1	94.2	
City of Ft. Pierce	FRCC	A1	91.7	91.7	81.9	92.4	93.1	88.2		75.0	95.8	91.7	92.4	93.1 D	89.7	12
		A2	98.6	97.9	91.0	99.3	97.2	98.6		100.0	100.0	100.0	100.0	100.0	98.4	
		AVG	95.1	94.8	86.5	95.8	95.1	93.4		87.5	97.9	95.8	96.2	96.5	94.1	
City of Lake Worth	FRCC	A1	88.2	62.5	84.7	98.6	92.4	86.8		94.4	88.2	83.3	93.8	98.6 D	88.3	13
		A2	97.2	97.2	100.0	100.0	100.0	99.3		100.0	99.3	99.3	100.0	100.0	99.3	
		AVG	92.7	79.9	92.4	99.3	96.2	93.1		97.2	93.8	91.3	96.9	99.3	93.8	
Tampa Electric Company	FRCC	A1	88.8	93.4	91.7	95.9	97.5	95.8		95.0	91.5	93.8	92.5	91.0 M	93.3	14
		A2	89.1	94.0	92.0	95.2	97.0	95.0		94.6	90.2	92.6	91.0	89.6	92.8	
		AVG	88.9	93.7	91.9	95.6	97.3	95.4		94.8	90.8	93.2	91.8	90.3	93.1	

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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	
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97			Oct 97
Southern Illinois Power Coop	MAIN	A1	100.0	94.4	99.3	100.0	100.0	100.0	86.8	100.0	91.7	91.0	70.8	97.2 D	94.3	1
		A2	100.0	94.4	100.0	100.0	100.0	100.0	95.8	100.0	91.7	95.8	70.8	97.2	95.5	
		AVG	100.0	94.4	99.7	100.0	100.0	100.0	91.3	100.0	91.7	93.4	70.8	97.2	94.9	
Upper Peninsula Power Company	MAIN	A1	56.3	66.0	96.5	89.6	96.5	100.0	100.0	98.6	100.0	99.3	94.4	98.6 D	91.3	2
		A2	92.4	92.4	97.9	97.2	100.0	100.0	100.0	100.0	100.0	100.0	99.3	100.0	98.3	
		AVG	74.3	79.2	97.2	93.4	98.3	100.0	100.0	99.3	100.0	99.7	96.9	99.3	94.8	
Electric Energy, Inc.	MAIN	A1	94.8	90.4	92.5	95.5	92.8	91.9	96.0	94.9	91.2	91.5	95.5	94.7 D	93.5	3
		A2	96.7	94.3	95.7	97.7	93.3	96.8	96.8	96.4	94.8	93.5	95.6	93.0	95.4	
		AVG	95.8	92.3	94.1	96.6	93.1	94.3	96.4	95.6	93.0	92.5	95.5	93.8	94.4	
Union Electric Company	MAIN	A1		100.0	88.9	97.9	98.6	95.1	97.2	95.8	98.6	96.5	99.3	97.2 D	96.8	4
		A2		100.0	77.8	94.4	96.5	79.9	94.4	92.4	92.4	92.4	97.9	93.1	91.9	
		AVG		100.0	83.3	96.2	97.6	87.5	95.8	94.1	95.5	94.4	98.6	95.1	94.4	
City WL&P-Springfield	MAIN	A1	79.2	96.5	91.0	97.2	91.7	93.1	94.4	66.0	88.9	99.3	84.7	92.4 D	89.5	5
		A2	96.5	99.3	98.6	100.0	98.6	100.0	99.3	75.0	94.4	100.0	99.3	100.0	96.8	
		AVG	87.8	97.9	94.8	98.6	95.1	96.5	96.9	70.5	91.7	99.7	92.0	96.2	93.1	
Central Illinois Pub Serv Co	MAIN	A1	96.1	94.4	94.5	96.2	97.9	96.4	97.1	96.8	93.5	93.6	95.6	96.0 M	95.7	6
		A2	88.0	87.0	87.4	90.6	94.1	90.8	92.2	91.0	82.8	85.7	88.0	90.0	89.0	
		AVG	92.0	90.7	90.9	93.4	96.0	93.6	94.7	93.9	88.1	89.7	91.8	93.0	92.3	
Wisconsin Power & Light Company	MAIN	A1		100.0	100.0	100.0	77.8	67.4	78.5	89.6	93.8	87.5	91.0	81.3 D	87.9	7
		A2		100.0	100.0	100.0	77.8	66.7	79.2	80.6	96.5	86.1	91.0	80.6	87.1	
		AVG		100.0	100.0	100.0	77.8	67.0	78.8	85.1	95.1	86.8	91.0	80.9	87.5	
Wisconsin Public Service Corporation	MAIN	A1	81.9	85.4	61.8	66.0	75.7	79.9	91.0	87.5	96.5	99.3	87.5	85.4 D	83.2	8
		A2	80.6	80.6	63.9	61.8	77.1	81.3	84.0	84.0	97.2	97.9	86.8	85.4	81.7	
		AVG	81.3	83.0	62.8	63.9	76.4	80.6	87.5	85.8	96.9	98.6	87.2	85.4	82.4	
Madison Gas & Electric Company	MAIN	A1	68.1	73.6	81.3	77.8	51.4	78.5	88.2	69.4	70.1	72.9	86.8	71.5 D	74.1	9
		A2	83.3	87.5	85.4	95.8	78.5	87.5	93.1	74.3	81.9	86.1	92.4	84.7	85.9	
		AVG	75.7	80.6	83.3	86.8	64.9	83.0	90.6	71.9	76.0	79.5	89.6	78.1	80.0	

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Control Area	Region		% Compliance												Accum	Rank	
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97			
Central Illinois Light Company	MAIN	A1	62.8	57.1	60.8	60.3	64.1	65.7	67.4	66.7	63.4	59.4	62.2	58.8	M	62.4	10
		A2	40.9	46.7	45.1	38.1	43.0	43.3	45.0	43.9	46.2	39.1	45.2	32.4		42.4	
		AVG	51.9	51.9	53.0	49.2	53.5	54.5	56.2	55.3	54.8	49.3	53.7	45.6		52.4	

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Control Area	Region		% Compliance											Accum	Rank			
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97			Oct 97		
Manitoba Hydro-Electric Board	MAPP	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	100.0	100.0	1
		A2	97.9	98.6	100.0	100.0	100.0	96.5	100.0	96.5	100.0	100.0	100.0	100.0	100.0	99.1		
		AVG	99.0	99.3	100.0	100.0	100.0	98.3	100.0	98.3	100.0	100.0	100.0	100.0	100.0	99.6		
Lincoln Electric System	MAPP	A1	98.5	98.1	98.5	97.9	98.7	98.7	99.5	99.4	99.1	99.4	98.9	98.5	98.8	98.8	2	
		A2	99.4	99.2	99.6	99.5	99.0	99.3	99.6	99.6	99.7	99.6	99.7	99.4	99.4			
		AVG	98.9	98.6	99.0	98.7	98.8	99.0	99.5	99.5	99.4	99.5	99.3	98.9	99.1			
Muscatine Power & Water	MAPP	A1	85.4	98.6	100.0	97.2	100.0	95.8	98.6	99.3	97.9	100.0	99.3	100.0	97.7	3		
		A2	86.8	99.3	100.0	97.9	100.0	100.0	99.3	99.3	98.6	100.0	100.0	100.0	98.4			
		AVG	86.1	99.0	100.0	97.6	100.0	97.9	99.0	99.3	98.3	100.0	99.7	100.0	98.1			
Otter Tail Power Company	MAPP	A1	96.3	97.4	97.9	97.7	97.0	97.2	98.1	97.7	96.4	98.3	98.8	97.6	97.5	4		
		A2	96.3	97.2	97.9	97.8	97.0	97.5	98.3	97.8	96.1	97.8	98.7	97.1	97.5			
		AVG	96.3	97.3	97.9	97.8	97.0	97.3	98.2	97.7	96.2	98.1	98.8	97.4	97.5			
Southern Minnesota Muni. Power	MAPP	A1	91.7	86.1	88.9	91.0	93.8	96.5	97.9	95.8	78.5	95.1	95.8	93.8	92.1	5		
		A2	100.0	100.0	95.8	100.0	99.3	99.3	100.0	100.0	97.9	100.0	100.0	100.0	99.4			
		AVG	95.8	93.1	92.4	95.5	96.5	97.9	99.0	97.9	88.2	97.6	97.9	96.9	95.7			
United Power Association	MAPP	A1	92.1	91.1	89.5	93.1	92.5	94.3	95.5	94.8	92.5	92.9	95.0	92.6	93.0	6		
		A2	91.0	89.4	86.9	91.0	91.6	94.1	94.2	92.6	89.9	91.2	93.6	91.1	91.4			
		AVG	91.5	90.3	88.2	92.0	92.0	94.2	94.8	93.7	91.2	92.0	94.3	91.8	92.2			
Northern States Power Company	MAPP	A1	100.0	98.6	96.5	97.9	87.5	94.4	86.1	88.9	95.8	88.9	92.4	81.9	92.4	7		
		A2	95.8	95.8	94.4	95.1	81.3	90.3	84.0	86.1	93.1	89.6	91.0	77.1	89.5			
		AVG	97.9	97.2	95.5	96.5	84.4	92.4	85.1	87.5	94.4	89.2	91.7	79.5	90.9			
Saskatchewan Power Corporation	MAPP	A1	97.9	96.5	97.9	100.0	93.1	97.2	95.1	91.0	98.6	99.3	95.1	93.8	96.3	8		
		A2	86.1	76.4	100.0	88.9	69.4	74.3	72.2	69.4	75.7	73.6	70.8	81.3	78.2			
		AVG	92.0	86.5	99.0	94.4	81.3	85.8	83.7	80.2	87.2	86.5	83.0	87.5	87.2			
IES Utilities	MAPP	A1	92.6	91.7	89.9	91.8	89.6	93.6	85.9	82.0	82.4	84.5	80.1	76.4	86.7	9		
		A2	88.8	86.2	82.4	84.0	82.5	87.8	76.9	64.5	64.5	65.6	75.8	54.9	76.2			
		AVG	90.7	88.9	86.2	87.9	86.1	90.7	81.4	73.3	73.5	75.1	77.9	65.7	81.4			

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Control Area	Region		% Compliance												Accum	Rank
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97		
Hydro-Quebec	NPCC	A1	99.9	99.8	99.9	100.0	100.0	99.8	99.9	99.6	99.8	99.8	99.9	99.8 M	99.9	1
		A2	99.4	99.5	99.6	99.7	99.9	99.1	99.4	98.2	98.8	99.1	99.6	99.2	99.3	
		AVG	99.6	99.6	99.8	99.8	99.9	99.4	99.7	98.9	99.3	99.5	99.7	99.5	99.6	
Ontario Hydro	NPCC	A1	99.7	99.6	99.5	99.8	99.9	99.8	99.8	99.8	99.9	99.8	100.0	99.9 M	99.8	2
		A2	95.0	96.4	96.2	96.5	97.2	97.1	96.7	96.0	96.5	96.9	98.1	97.1	96.6	
		AVG	97.3	98.0	97.8	98.1	98.6	98.4	98.3	97.9	98.2	98.4	99.0	98.5	98.2	
New England Power Exchange	NPCC	A1	94.2	95.5	96.6	95.2	96.3	95.4	96.0	96.3	96.2	92.0	93.3	93.9 M	95.1	3
		A2	94.9	96.1	96.8	95.8	96.3	95.5	96.1	96.2	96.1	93.1	93.5	93.3	95.3	
		AVG	94.5	95.8	96.7	95.5	96.3	95.4	96.1	96.3	96.1	92.5	93.4	93.6	95.2	
Maritime Area	NPCC	A1	95.8	95.0	95.3	94.9	95.6	92.2	92.9	94.9	91.2	91.4	90.6	90.5 M	93.4	4
		A2	93.1	95.2	93.7	94.2	96.4	91.1	87.4	92.1	90.7	90.9	88.5	85.1	91.5	
		AVG	94.5	95.1	94.5	94.5	96.0	91.7	90.2	93.5	91.0	91.1	89.5	87.8	92.4	

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Control Area	Region		% Compliance											Accum	Rank	
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97			Oct 97
Carolina Power & Light Co. West	SERC	A1	98.6	99.1	99.3		98.5	99.4	99.2	99.1	98.9	98.6	99.3	98.4 D	98.9	1
		A2	99.1	99.1	99.5		98.7	99.4	99.3	98.9	99.0	98.5	99.2	99.1	99.1	
		AVG	98.8	99.1	99.4		98.6	99.4	99.2	99.0	99.0	98.6	99.3	98.7	99.0	
South Mississippi Electric Power	SERC	A1	100.0	97.2	100.0		99.3	91.7	98.6	98.6	98.6	100.0	95.8	97.2 D	97.9	2
		A2	100.0	99.3	100.0		100.0	97.2	100.0	100.0	98.6	100.0	97.2	100.0	99.3	
		AVG	100.0	98.3	100.0		99.7	94.4	99.3	99.3	98.6	100.0	96.5	98.6	98.6	
SEPA - Hartwell	SERC	A1	97.9	96.5	97.2		97.9	99.3	99.3		69.4	95.8	100.0	99.3 D	95.3	3
		A2	100.0	98.6	99.3		98.6	98.6	100.0	100.0	100.0	100.0	100.0	99.3	99.5	
		AVG	99.0	97.6	98.3		98.3	99.0	99.7		84.7	97.9	100.0	99.3	97.4	
SEPA - Russell	SERC	A1	98.6	95.1	98.6		97.9	99.3	99.3	94.4	100.0	100.0	100.0	99.3 D	98.4	4
		A2	95.1	95.1	95.1		91.7	96.5	95.8	95.8	100.0	97.2	95.1	95.8	95.8	
		AVG	96.9	95.1	96.9		94.8	97.9	97.6	95.1	100.0	98.6	97.6	97.6	97.1	
Duke Power Company	SERC	A1	98.6	96.5	90.3		95.1	94.4	96.5	97.2	97.9	97.9	96.5	93.1 D	95.8	5
		A2	97.9	97.9	88.2		99.3	95.1	95.8	97.9	98.6	99.3	97.9	91.7	96.3	
		AVG	98.3	97.2	89.2		97.2	94.8	96.2	97.6	98.3	98.6	97.2	92.4	96.1	
SEPA - Thurmond	SERC	A1	91.7	84.7	91.0		92.4	95.1	98.6		97.9	86.8	93.8	95.1 D	92.7	6
		A2	97.2	95.1	97.9		95.1	95.1	97.2	97.2	98.6	97.2	98.6	97.9	97.0	
		AVG	94.4	89.9	94.4		93.8	95.1	97.9		98.3	92.0	96.2	96.5	94.9	
Carolina Power & Light Co. East	SERC	A1	94.5	94.3	95.7		96.6	96.6	95.4	96.1	93.9	94.7	95.7	96.4 D	95.5	7
		A2	93.3	93.3	93.7		94.6	94.0	93.2	93.1	92.1	93.4	94.8	95.4	93.7	
		AVG	93.9	93.8	94.7		95.6	95.3	94.3	94.6	93.0	94.1	95.3	95.9	94.6	
Alabama Electric Cooperative	SERC	A1	95.1	97.2	91.0		77.8	78.5	97.9	84.0	94.4	91.7	86.8	89.6 D	89.5	8
		A2	99.3	99.3	100.0		96.5	94.4	99.3	93.8	97.9	97.9	99.3	95.8	97.6	
		AVG	97.2	98.3	95.5		87.2	86.5	98.6	88.9	96.2	94.8	93.1	92.7	93.5	
Yadkin, Inc.	SERC	A1	96.5		84.0		100.0	100.0	100.0	88.2	73.6	62.5		90.3 D	88.3	9
		A2	96.5		93.8		98.6	100.0	98.6	94.4	99.3	95.8		96.5	97.1	
		AVG	96.5		88.9		99.3	100.0	99.3	91.3	86.5	79.2		93.4	92.7	

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Control Area	Region		% Compliance											Accum	Rank	
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97			Oct 97
Virginia Power	SERC	A1	95.8	95.1	86.1		95.1	95.8	93.8	97.9	93.8	91.7	94.4	91.0D	93.7	10
		A2	87.5	87.5	84.0		89.4	90.2	88.9	92.4	91.0	91.7	91.0	85.4	89.0	
		AVG	91.7	91.3	85.1		92.3	93.0	91.3	95.1	92.4	91.7	92.7	88.2	91.3	
Tennessee Valley Authority	SERC	A1	86.8	89.6	94.4		95.8	93.8	91.7	94.4	90.3	97.2	97.9	93.1D	93.2	11
		A2	79.9	80.6	90.3		85.4	88.2	86.1	81.9	75.7	86.8	94.4	87.5	85.2	
		AVG	83.3	85.1	92.4		90.6	91.0	88.9	88.2	83.0	92.0	96.2	90.3	89.2	
South Carolina Public Service	SERC	A1		95.8	94.4		95.8	91.7	95.1	93.1	97.2	100.0	100.0	93.8D	95.7	12
		A2		66.7	79.2		76.4	68.8	70.1	78.5	64.6	64.6	64.6	77.1	71.0	
		AVG		81.3	86.8		86.1	80.2	82.6	85.8	80.9	82.3	82.3	85.4	83.4	
South Carolina Electric & Gas Co	SERC	A1	72.9	81.9	93.1		97.2	91.0	91.0	83.3	88.2	95.1	95.1	92.4D	89.2	13
		A2	58.3	64.6	81.3		93.8	81.3	82.6	66.0	71.5	77.1	77.1	74.3	75.3	
		AVG	65.6	73.3	87.2		95.5	86.1	86.8	74.7	79.9	86.1	86.1	83.3	82.2	

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Control Area	Region		% Compliance											Accum	Rank			
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97			Oct 97		
City of Independence Missouri	SPP	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	D	100.0	1
		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		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		100.0	
Westplains Energy	SPP	A1	96.5	90.3	99.3	100.0	100.0		100.0	100.0	90.3	95.8	100.0		D	97.2	2	
		A2	100.0	95.8	100.0	100.0	100.0		100.0	100.0	93.1	98.6	100.0			98.8		
		AVG	98.3	93.1	99.7	100.0	100.0		100.0	100.0	91.7	97.2	100.0			98.0		
Grand River Dam Authority	SPP	A1	93.1	98.6	99.3	99.3	98.6	97.9	95.8	100.0	98.6	97.2	100.0	99.3	D	98.1	3	
		A2	81.9	93.1	98.6	95.8	95.1	98.6	79.9	100.0	91.0	85.4	91.7	96.5		92.3		
		AVG	87.5	95.8	99.0	97.6	96.9	98.3	87.8	100.0	94.8	91.3	95.8	97.9		95.2		
Cajun Electric Power Cooperative	SPP	A1	98.0	97.7	96.8	97.7	98.1	97.4	97.3	96.6	96.5	96.2	96.2	95.8	M	97.0	4	
		A2	93.3	93.5	90.9	93.2	95.1	94.6	93.4	92.6	92.5	92.0	91.7	90.2		92.7		
		AVG	95.6	95.6	93.8	95.5	96.6	96.0	95.3	94.6	94.5	94.1	93.9	93.0		94.9		
Entergy Electric System	SPP	A1	96.0	91.9	93.3	95.2	94.3	93.8	94.7	94.1	92.6	91.9	91.6	91.9	M	93.4	5	
		A2	93.0	96.1	95.4	95.4	71.4	96.8	96.9	96.9	97.2	96.8	93.6	93.7		93.6		
		AVG	94.5	94.0	94.4	95.3	82.9	95.3	95.8	95.5	94.9	94.3	92.6	92.8		93.5		
St.Joseph Light & Power Company	SPP	A1	93.8	99.3	100.0	97.2	90.3	85.4	88.2	95.1	94.4	97.2	98.6	96.5	D	94.7	6	
		A2	77.8	94.4	97.9	85.4	79.2	72.2	75.0	83.3	85.4	89.6	91.0	84.7		84.7		
		AVG	85.8	96.9	99.0	91.3	84.7	78.8	81.6	89.2	89.9	93.4	94.8	90.6		89.7		
Missouri Public Service Company	SPP	A1	91.0	89.6	66.0	91.0	92.4	64.6	86.1	86.1	84.7	74.3	83.3	72.9	D	81.8	7	
		A2	98.6	97.2	77.8	88.2	93.8	75.0	95.8	86.1	93.8	88.2	91.7	74.3		88.4		
		AVG	94.8	93.4	71.9	89.6	93.1	69.8	91.0	86.1	89.2	81.3	87.5	73.6		85.1		
Oklahoma Gas & Electric Company	SPP	A1	97.2	99.3	75.7		88.2	68.1	80.6	89.6	84.0	88.9	72.9	76.4	D	83.7	8	
		A2	85.4	86.8	54.2		77.8	54.2	65.3	79.9	68.1	79.2	59.0	66.7		70.6		
		AVG	91.3	93.1	64.9		83.0	61.1	72.9	84.7	76.0	84.0	66.0	71.5		77.1		

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
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97		
Salt River Project	WSCC-AZNM	A1	99.3	100.0	99.3	99.3	100.0	100.0	97.9	100.0	100.0	100.0	99.3	100.0 D	99.6	1
		A2	98.6	99.3	98.6	99.3	98.6	99.3	96.5	99.3	98.6	94.4	94.4	97.2	97.9	
		AVG	99.0	99.7	99.0	99.3	99.3	99.7	97.2	99.7	99.3	97.2	96.9	98.6	98.7	
Public Service of New Mexico	WSCC-AZNM	A1	96.5	100.0	95.3	97.9	99.3	99.3	95.1	94.4	99.3	95.8	100.0	95.5 D	97.4	2
		A2	93.8	96.5	90.7	96.5	96.5	97.2	94.4	94.4	98.6	93.1	100.0	93.2	95.4	
		AVG	95.1	98.3	93.0	97.2	97.9	98.3	94.8	94.4	99.0	94.4	100.0	94.3	96.4	
Arizona Public Service Company	WSCC-AZNM	A1	100.0	100.0	94.4	97.2	94.4	99.3	81.9	90.3	91.7	95.1	97.9	92.4 D	94.6	3
		A2	95.8	99.3	92.4	94.4	92.4	97.2	77.8	86.1	86.8	92.4	96.5	88.2	91.6	
		AVG	97.9	99.7	93.4	95.8	93.4	98.3	79.9	88.2	89.2	93.8	97.2	90.3	93.1	
El Paso Electric Company	WSCC-AZNM	A1	96.5	89.6	99.3	94.4	100.0	86.8	94.4	96.5	91.0	97.9	97.9	93.1 D	94.8	4
		A2	93.8	77.1	94.4	93.1	100.0	75.0	92.4	88.9	91.0	92.4	87.5	88.9	89.5	
		AVG	95.1	83.3	96.9	93.8	100.0	80.9	93.4	92.7	91.0	95.1	92.7	91.0	92.2	
Tucson Electric Power Company	WSCC-AZNM	A1	87.5	91.0	93.1	95.8	94.4	93.1	91.0	93.8	90.3	86.8	90.3	90.3 D	91.4	5
		A2	86.1	89.6	91.0	94.4	93.1	93.8	90.3	92.4	88.2	83.3	88.9	93.8	90.4	
		AVG	86.8	90.3	92.0	95.1	93.8	93.4	90.6	93.1	89.2	85.1	89.6	92.0	90.9	
WAPA - Lower Colorado	WSCC-AZNM	A1	99.3	97.9	98.6		100.0	96.5	93.8	97.2	99.3	93.1	94.4	100.0 D	97.3	6
		A2	90.3	95.8	96.5		96.5	87.5	79.9	91.7	99.3	77.1	16.0	95.1	84.2	
		AVG	94.8	96.9	97.6		98.3	92.0	86.8	94.4	99.3	85.1	55.2	97.6	90.7	
Imperial Irrigation District	WSCC-AZNM	A1	84.7	86.1	83.3	73.6	84.7	72.9	83.3	72.2	86.1	86.1	58.3	76.4 D	79.0	7
		A2	98.6	95.8	94.4	82.6	99.3	97.2	93.1	88.9	96.5	96.5	75.7	88.2	92.2	
		AVG	91.7	91.0	88.9	78.1	92.0	85.1	88.2	80.6	91.3	91.3	67.0	82.3	85.6	

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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
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97		
San Diego Gas & Electric Company	WSCC-CANV	A1	97.2	100.0	100.0	100.0	100.0	98.6	98.6	99.3	99.3	97.2	98.6	99.3 D	99.0	1
		A2	97.9	99.3	100.0	100.0	99.3	100.0	100.0	99.3	100.0	99.3	100.0	100.0	99.6	
		AVG	97.6	99.7	100.0	100.0	99.7	99.3	99.3	99.3	99.7	98.3	99.3	99.7	99.3	
Southern California Edison Company	WSCC-CANV	A1	97.2	98.6	99.3	100.0	98.6	99.3	100.0	96.5	99.3	100.0	100.0	97.9 D	98.9	2
		A2	97.2	96.5	99.3	100.0	99.3	100.0	100.0	93.8	100.0	100.0	100.0	95.1	98.4	
		AVG	97.2	97.6	99.3	100.0	99.0	99.7	100.0	95.1	99.7	100.0	100.0	96.5	98.7	
Pacific Gas & Electric Company	WSCC-CANV	A1	99.3	91.0	94.4	96.5	98.6	98.6	97.2	98.6	100.0	98.6	97.9	100.0 D	97.6	3
		A2	99.3	91.0	93.1	92.4	100.0	100.0	98.6	96.5	99.3	99.3	98.6	100.0	97.3	
		AVG	99.3	91.0	93.8	94.4	99.3	99.3	97.9	97.6	99.7	99.0	98.3	100.0	97.5	
Nevada Power Company	WSCC-CANV	A1	99.3	97.2	100.0	100.0	100.0	100.0	99.3	97.2	97.2	100.0	100.0	78.5 D	97.4	4
		A2	96.5	96.5	100.0	100.0	100.0	100.0	98.6	93.8	97.9	100.0	98.6	77.8	96.6	
		AVG	97.9	96.9	100.0	100.0	100.0	100.0	99.0	95.5	97.6	100.0	99.3	78.1	97.0	
City of Pasadena	WSCC-CANV	A1	79.2	95.1		95.8	90.9	85.3	93.1	90.3	95.1	95.1	97.2	97.2 D	92.2	5
		A2	100.0	100.0		100.0	100.0	100.0	100.0	99.3	100.0	100.0	100.0	100.0	99.9	
		AVG	89.6	97.6		97.9	95.5	92.7	96.5	94.8	97.6	97.6	98.6	98.6	96.1	
L.A. Dept of Water & Power	WSCC-CANV	A1	95.4	95.4	94.6	95.0	94.9	94.1	92.5	92.9	94.2	93.4	92.9	94.1 D	94.1	6
		A2	91.8	93.2	92.1	91.5	91.6	91.5	88.6	89.3	90.4	88.5	88.8	90.2	90.6	
		AVG	93.6	94.3	93.4	93.2	93.2	92.8	90.5	91.1	92.3	91.0	90.8	92.1	92.4	
Comision Federal de Electricidad	WSCC-CANV	A1	90.3	80.5	87.8	83.4	82.8	86.1	82.8	76.8	79.2	80.3	78.8	83.0 D	82.6	7
		A2	65.3	58.3	89.0	85.0	84.9	88.4	87.3	83.3	84.7	85.7	83.6	84.7	81.7	
		AVG	77.8	69.4	88.4	84.2	83.8	87.3	85.1	80.0	82.0	83.0	81.2	83.8	82.2	

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Control Area	Region		% Compliance												Accum	Rank	
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97			
Grant County PUD #1	WSCC-NWPP	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	100.0	1
		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	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	100.0	
British Columbia Hydro & Power	WSCC-NWPP	A1	100.0	100.0	99.3	100.0	100.0	100.0	100.0	100.0	99.3	100.0	100.0	100.0	100.0	100.0	2
		A2	98.6	99.3	97.9	98.6	100.0	97.9	99.3	97.9	97.9	100.0	100.0	98.6	98.8		
		AVG	99.3	99.7	98.6	99.3	100.0	99.0	99.7	98.6	99.0	100.0	100.0	99.3	99.4		
Portland General Electric Company	WSCC-NWPP	A1	100.0	100.0	97.2	100.0	99.3	100.0	99.3	100.0	97.9	99.3	98.6	100.0	99.3	3	
		A2	99.3	99.3	94.4	99.3	97.9	97.9	98.6	99.3	98.6	97.2	95.8	96.5	97.9		
		AVG	99.7	99.7	95.8	99.7	98.6	99.0	99.0	99.7	98.3	98.3	97.2	98.3	98.6		
Puget Sound Energy	WSCC-NWPP	A1	99.3	92.4	97.2	94.4	97.9	100.0	100.0	95.8	99.3	100.0	99.3	97.2	97.7	4	
		A2	100.0	96.5	99.3	95.8	97.2	100.0	100.0	97.2	100.0	100.0	98.6	96.5	98.4		
		AVG	99.7	94.4	98.3	95.1	97.6	100.0	100.0	96.5	99.7	100.0	99.0	96.9	98.1		
Tacoma City Light	WSCC-NWPP	A1	97.2	97.2	99.3	99.3	89.6	97.2	97.2	100.0	99.3	100.0	99.3	100.0	98.0	5	
		A2	97.2	97.9	98.6	99.3	93.1	98.6	97.9	100.0	97.9	100.0	97.2	100.0	98.1		
		AVG	97.2	97.6	99.0	99.3	91.3	97.9	97.6	100.0	98.6	100.0	98.3	100.0	98.1		
Seattle City Light	WSCC-NWPP	A1	98.6	98.6	97.9	99.3	98.6	97.9	95.1	93.1	99.3	98.6	99.3	100.0	98.0	6	
		A2	99.3	98.6	100.0	99.3	98.6	98.6	95.8	90.3	92.4	95.1	100.0	100.0	97.3		
		AVG	99.0	98.6	99.0	99.3	98.6	98.3	95.5	91.7	95.8	96.9	99.7	100.0	97.7		
Washington Water Power Company	WSCC-NWPP	A1	100.0	100.0	100.0	98.6	100.0	99.3	92.4	93.1	100.0	99.3	99.3	98.6	98.4	7	
		A2	99.3	98.6	97.2	95.1	97.9	96.5	91.0	88.9	100.0	97.9	98.6	95.1	96.4		
		AVG	99.7	99.3	98.6	96.9	99.0	97.9	91.7	91.0	100.0	98.6	99.0	96.9	97.4		
Bonneville Power Administration	WSCC-NWPP	A1	99.3	100.0	99.3	100.0	99.3	99.3	100.0	97.9	100.0	100.0	100.0	100.0	99.6	8	
		A2	93.1	94.4	86.8	94.4	97.2	93.1	96.5	89.6	100.0	95.1	97.9	97.9	94.7		
		AVG	96.2	97.2	93.1	97.2	98.3	96.2	98.3	93.8	100.0	97.6	99.0	99.0	97.1		
Idaho Power Company	WSCC-NWPP	A1	100.0	99.3	100.0	98.6	98.6	98.4	100.0	98.6	98.6	100.0	97.9	99.3	99.1	9	
		A2	91.0	98.6	100.0	92.4	92.4	93.7	91.7	95.8	96.5	99.3	95.1	84.0	94.2		
		AVG	95.5	99.0	100.0	95.5	95.5	96.0	95.8	97.2	97.6	99.7	96.5	91.7	96.7		

NERC Control Performance Summary - All Interconnections

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Control Area	Region		% Compliance												Accum	Rank
			Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97	Sep 97	Oct 97		
TransAlta Utilities Corporation	WSCC-NWPP	A1	99.3	100.0	100.0	97.9	98.6	97.9	97.9	96.5	99.3	97.2	100.0	97.9D	98.6	10
		A2	95.1	95.1	97.2	90.3	95.1	93.1	91.7	90.3	97.2	91.0	90.3	89.6	93.0	
		AVG	97.2	97.6	98.6	94.1	96.9	95.5	94.8	93.4	98.3	94.1	95.1	93.8	95.8	
Montana Power Company	WSCC-NWPP	A1	100.0	99.3	97.2	96.5	100.0	95.8	87.5	94.4	97.9	99.3	96.5	97.2D	96.8	11
		A2	99.3	97.2	95.8	94.4	100.0	91.0	86.8	89.6	93.8	92.4	94.4	93.8	94.0	
		AVG	99.7	98.3	96.5	95.5	100.0	93.4	87.2	92.0	95.8	95.8	95.5	95.5	95.4	
Chelan County PUD #1	WSCC-NWPP	A1	96.5	94.4	100.0	97.2	91.7	93.1	93.1	89.4	98.6	100.0	100.0	97.9D	96.0	12
		A2	96.5	92.4	100.0	93.8	89.6	91.0	91.0	83.3	100.0	100.0	100.0	95.8	94.4	
		AVG	96.5	93.4	100.0	95.5	90.6	92.0	92.0	86.4	99.3	100.0	100.0	96.9	95.2	
Douglas County PUD #1	WSCC-NWPP	A1	100.0	100.0	100.0	100.0	100.0	100.0	97.2	95.8	100.0	100.0	100.0	95.8D	99.1	13
		A2	100.0	99.3	100.0	100.0	99.3	79.9	91.0	87.5	90.3	92.4	77.1	73.6	90.9	
		AVG	100.0	99.7	100.0	100.0	99.7	89.9	94.1	91.7	95.1	96.2	88.5	84.7	95.0	
PacifiCorp-East	WSCC-NWPP	A1	100.0	97.9	97.9	97.2	94.4	93.7	100.0	89.8	99.3	82.6	98.6	97.2D	95.7	14
		A2	90.3	88.2	93.8	87.5	89.6	84.6	95.8	79.7	98.6	72.2	89.6	84.7	87.9	
		AVG	95.1	93.1	95.8	92.4	92.0	89.2	97.9	84.7	99.0	77.4	94.1	91.0	91.8	
PacifiCorp-West	WSCC-NWPP	A1	99.3	98.6	100.0	95.1	95.1	93.7	94.4	94.3	97.2	97.2	97.2	92.4D	96.2	15
		A2	96.5	91.7	90.3	82.6	88.0	86.0	76.4	75.2	84.7	90.8	88.9	81.9	86.1	
		AVG	97.9	95.1	95.1	88.9	91.5	89.9	85.4	84.8	91.0	94.0	93.1	87.2	91.2	
WAPA - Colorado Missouri	WSCC-RMPP	A1	100.0	100.0	95.7		96.4	100.0	98.6	98.6	97.9	100.0	97.2	100.0D	98.6	1
		A2	97.9	98.6	91.4		95.0	98.6	98.6	97.3	98.6	98.6	98.6	99.3	97.5	
		AVG	99.0	99.3	93.6		95.7	99.3	98.6	97.9	98.3	99.3	97.9	99.7	98.0	
Pub Serv Co of Colorado	WSCC-RMPP	A1	95.4	92.6	94.9		96.3	95.8	95.1	94.0	91.1	94.5	92.7	91.1M	94.0	2
		A2	92.0	88.3	88.7		91.3	90.6	90.8	88.4	85.6	88.0	86.7	91.2	89.2	
		AVG	93.7	90.5	91.8		93.8	93.2	93.0	91.2	88.3	91.2	89.7	91.2	91.6	

- 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

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

NERC Control Performance Summary - Control Areas Reporting CPS

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Control Area	Region	% Compliance		Method
		CPS1 %	CPS2 %	
Wisconsin Electric Power Company	MAIN	187.84	99.39	CPS
MidAmerican Energy Company	MAPP	170.70	98.38	CPS
Omaha Public Power District	MAPP	175.95	98.70	CPS
Interstate Power Company	MAPP	173.50	98.73	CPS
Dairyland Power Cooperative	MAPP	217.18	99.09	CPS
Minnesota Power Company	MAPP	190.40	98.84	CPS
WAPA - Upper Great Plains East	MAPP	195.98	99.93	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
Omaha Public Power District	MAPP	182.18	99.17	CPS
Minnesota Power Company	MAPP	194.33	98.51	CPS
WAPA - Upper Great Plains East	MAPP	197.20	99.98	CPS
MidAmerican Energy Company	MAPP	170.54	98.57	CPS
Interstate Power Company	MAPP	168.06	98.77	CPS
Dairyland Power Cooperative	MAPP	233.30	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
ComEd	MAIN	150.90	93.20	CPS
WAPA - Upper Great Plains East	MAPP	196.84	99.93	CPS
Dairyland Power Cooperative	MAPP	238.86	98.02	CPS
MidAmerican Energy Company	MAPP	160.80	97.90	CPS
Minnesota Power Company	MAPP	187.40	98.40	CPS
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

NERC Control Performance Summary - Control Areas Reporting CPS

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Control Area	Region	% Compliance		Method
		CPS1 %	CPS2 %	
June 1997				
PJM Interconnection	MAAC	160.47	85.20	CPS
ComEd	MAIN	141.50	94.30	CPS
MidAmerican Energy Company	MAPP	169.69	98.63	CPS
Minnesota Power Company	MAPP	185.78	98.82	CPS
WAPA - Upper Great Plains East	MAPP	196.31	100.00	CPS
Dairyland Power Cooperative	MAPP	246.22	96.66	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
Dairyland Power Cooperative	MAPP	209.74	99.14	CPS
MidAmerican Energy Company	MAPP	176.62	98.39	CPS
WAPA - Upper Great Plains East	MAPP	196.58	100.00	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
December 1996				
PJM Interconnection	MAAC	157.27	88.20	CPS

NERC Control Performance Summary - Control Areas Reporting CPS

10/20/97

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Control Area	Region	% Compliance		Method
		CPS1 %	CPS2 %	
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.