

North American Electric Reliability Council

Performance Subcommittee

Date of Survey - August 19, 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	
09/22	MAAC	09/05	(17)	1	1	Fax
	WSCC/NWPP	09/17	(5)	2	3	e-mail
	WSCC/RMPP	09/17	(5)	3	9	e-mail
	ERCOT	09/19	(3)	4	7	e-mail
	MAPP	09/22	0	5	8	e-mail
	WSCC/CANV	09/23	1	6	6	e-mail
	NPCC	09/24	2	7	5	e-mail
	ECAR	09/24	2	8	10	Fax
	MAIN	10/01	9	9	4	e-mail
	SPP	10/02	10	10	13	e-mail
	FRCC	10/03	11	11	11	e-mail
	SERC	10/09	17	12	12	e-mail
	WSCC/AZNM	11/04	43	13	2	e-mail

NERC Control Performance Summary - All Interconnections

8/19/97

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
		Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
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	100.0X	100.0	1
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	100.0X	100.0	2
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	100.0D	100.0	3
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	100.0D	100.0	4
Hydro-Quebec	NPCC	99.7	99.7	99.6	99.6	99.8	99.8	99.9	99.4	99.7	98.9	99.3	99.5M	99.6	5
Manitoba Hydro-Electric Board	MAPP	100.0	100.0	99.0	99.3	100.0	100.0	100.0	98.3	100.0	98.3	100.0	100.0D	99.6	6
San Diego Gas & Electric Company	WSCC-CANV	100.0	99.7	97.6	99.7	100.0	100.0	99.7	99.3	99.3	99.3	99.7	98.3D	99.4	7
Texas-New Mexico Power Company	ERCOT	100.0	100.0	96.9	99.7	99.0	100.0	100.0	100.0	98.6	99.7	98.6	100.0D	99.4	8
Southwestern Public Service Co	SPP	100.0	100.0	100.0	96.5	99.3	100.0	99.7	100.0	99.0	97.9	100.0	99.7D	99.3	9
British Columbia Hydro & Power	WSCC-NWPP	99.3	99.7	99.3	99.7	98.6	99.3	100.0	99.0	99.7	98.6	99.0	100.0D	99.3	10
S Texas & Medina Electric Coops.	ERCOT	96.5	98.6	99.3	97.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0D	99.3	11
Lincoln Electric System	MAPP	99.9	99.9	98.9	98.6	99.0	98.7	98.8	99.0	99.5	99.5	99.4	99.5M	99.2	12
Carolina Power & Light Co. West	SERC	98.9	98.9	98.8	99.1	99.4		98.6	99.4	99.2	99.0	99.0	98.6D	99.0	13
Salt River Project	WSCC-AZNM	99.7	98.6	99.0	99.7	99.0	99.3	99.3	99.7	97.2	99.7	99.3	97.2D	99.0	14
City of Starke	FRCC	98.6	97.9	97.9	100.0	97.9	100.0	100.0	100.0		97.9	100.0	97.9D	98.9	15
Southern California Edison Company	WSCC-CANV	97.6	100.0	97.2	97.6	99.3	100.0	99.0	99.7	100.0	95.1	99.7	100.0D	98.8	16
South Mississippi Electric Power	SERC	98.6	97.9	100.0	98.3	100.0		99.7	94.4	99.3	99.3	98.6	100.0D	98.7	17
Nevada Power Company	WSCC-CANV	97.9	97.6	97.9	96.9	100.0	100.0	100.0	100.0	99.0	95.5	97.6	100.0D	98.5	18
Portland General Electric Company	WSCC-NWPP	100.0	93.8	99.7	99.7	95.8	99.7	98.6	99.0	99.0	99.7	98.3	98.3D	98.4	19
City of Key West	FRCC	99.3	99.0	99.3	99.0	99.3	93.4	96.2	99.3		99.3	99.3	99.3D	98.4	20
Central & South West Sevices, Inc.	ERCOT	98.1	98.4	97.1	96.9	98.0	99.1	98.7	98.7	98.7	99.0	100.0	98.1M	98.4	21
Florida Power & Light Company	FRCC	98.7	97.9	96.7	98.3	97.9	97.6	99.5	98.5		99.1	99.0	99.1D	98.4	22
Houston Lighting & Power Company	ERCOT	99.3	98.6	96.5	97.2	97.2	99.7	97.6	97.6	99.0	99.3	99.0	99.3D	98.4	23
WAPA - Colorado Missouri	WSCC-RMPP		99.7	99.0	99.3	93.6		95.7	99.3	98.6	97.9	98.3	99.3D	98.1	24
Puget Sound Energy	WSCC-NWPP	97.6	97.9	99.7	94.4	98.3	95.1	97.6	100.0	100.0	96.5	99.7	100.0D	98.1	25
Muscatine Power & Water	MAPP	99.7	100.0	86.1	99.0	100.0	97.6	100.0	97.9	99.0	99.3	98.3	100.0D	98.1	26
Central Louisiana Electric Company	SPP	100.0	99.3	99.0	95.8	91.7	99.0	97.9	97.9	97.9	99.3	100.0	99.0D	98.1	27
Gainesville Regional Utilities	FRCC	95.5	96.9	99.0	96.2	97.9	99.3	98.6	99.3		98.6	98.3	99.0D	98.0	28
Ontario Hydro	NPCC	97.4	97.5	97.3	98.0	97.8	98.1	98.6	98.4	98.3	97.9	98.2	98.4M	98.0	29
Southwestern Power Administration	SPP	98.6	99.7	96.5	98.3	97.9	99.3	97.2	99.7	98.3	99.7	98.3	92.0D	97.9	30
City of Homestead	FRCC	98.3	96.9	96.9	98.3	97.6	97.2	97.9	97.9		99.3	97.2	97.6D	97.7	31
Westplains Energy	SPP	96.9	97.6	98.3	93.1	99.7	100.0	100.0		100.0	100.0	91.7	97.2D	97.7	32
Western Farmers Electric Coop	SPP	97.9	96.9	97.9	97.2	97.9	99.3	97.6	99.3	97.6	99.3	96.9	93.8D	97.6	33

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8/19/97

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Control Area	Region	% Compliance												Accum	Rank
		Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
Tacoma City Light	WSCC-NWPP	94.1	98.3	97.2	97.6	99.0	99.3	91.3	97.9	97.6	100.0	98.6	100.0 D	97.6	34
Southern Illinois Power Coop	MAIN	100.0	100.0	100.0	94.4	99.7	100.0	100.0	100.0	91.3	100.0	91.7	93.4 D	97.5	35
Washington Water Power Company	WSCC-NWPP	99.0	97.9	99.7	99.3	98.6	96.9	99.0	97.9	91.7	91.0	100.0	98.6 D	97.5	36
Pacific Gas & Electric Company	WSCC-CANV	97.6	100.0	99.3	91.0	93.8	94.4	99.3	99.3	97.9	97.6	99.7	99.0 D	97.4	37
Idaho Power Company	WSCC-NWPP	99.0	97.2	95.5	99.0	100.0	95.5	95.5	96.0	95.8	97.2	97.6	99.7 D	97.3	38
Otter Tail Power Company	MAPP	94.7	98.3	96.3	97.3	97.9	97.8	97.0	97.3	98.2	97.7	96.2	98.1 M	97.2	39
Douglas County PUD #1	WSCC-NWPP	100.0	100.0	100.0	99.7	100.0	100.0	99.7	89.9	94.1	91.7	95.1	96.2 D	97.2	40
Seattle City Light	WSCC-NWPP	98.6	95.1	99.0	98.6	99.0	99.3	98.6	98.3	95.5	91.7	95.8	96.9 D	97.2	41
Bonneville Power Administration	WSCC-NWPP	99.3	97.2	96.2	97.2	93.1	97.2	98.3	96.2	98.3	93.8	100.0	97.6 D	97.0	42
SEPA - Russell	SERC	96.5	95.1	96.9	95.1	96.9		94.8	97.9	97.6	95.1	100.0	98.6 D	96.8	43
SEPA - Hartwell	SERC	92.4	99.7	99.0	97.6	98.3		98.3	99.0	99.7		84.7	97.9 D	96.6	44
Duke Power Company	SERC	97.2	96.5	98.3	97.2	89.2		97.2	94.8	96.2	97.6	98.3	98.6 D	96.5	45
TransAlta Utilities Corporation	WSCC-NWPP	99.7	95.8	97.2	97.6	98.6	94.1	96.9	95.5	94.8	93.4	98.3	94.1 D	96.3	46
Lower Colorado River Authority	ERCOT	97.3	97.5	96.9	94.7	95.4	95.4	96.3	96.2	94.8	97.0	97.2	96.0 M	96.2	47
City of Austin	ERCOT	100.0	98.3	92.7	79.5	99.0	96.5	99.7	99.7	98.3	96.5	98.3	95.1 D	96.1	48
Texas Municipal Power Pool	ERCOT	100.0	96.9	93.8	94.1	92.0	99.0	97.6	97.6	94.4	95.8	97.2	95.1 D	96.1	49
Montana Power Company	WSCC-NWPP	99.7	99.7	99.7	98.3	96.5	95.5	100.0	93.4	87.2	92.0	95.8	95.8 D	96.1	50
Public Service of New Mexico	WSCC-AZNM	97.9	92.7	95.1	98.3	93.0	97.2	97.9	98.3	94.8	94.4	99.0	94.4 D	96.1	51
Florida Power Corporation	FRCC	93.8	96.2	96.9	97.6	96.9	94.4	97.2	97.9		95.8	92.4	93.4 D	95.7	52
Southern Minnesota Muni. Power	MAPP	97.2	96.5	95.8	93.1	92.4	95.5	96.5	97.9	99.0	97.9	88.2	97.6 D	95.6	53
City of Tallahassee	FRCC	98.6	82.5	88.2	99.7	99.3	96.2	99.7	94.8		95.1	99.3	98.3 D	95.6	54
Central & South West Sevices, Inc.	SPP	95.7	93.3	93.5	92.3	96.5	95.6	95.0	97.4	97.4	97.5	95.7	95.9 D	95.5	55
New England Power Exchange	NPCC	94.8	94.4	94.5	95.8	96.7	95.5	96.3	95.4	96.1	96.3	96.1	92.5 M	95.4	56
Seminole Electric Cooperative	FRCC	97.9	99.0	89.6	92.7	89.9	91.3	100.0	93.4		97.9	99.3	97.9 D	95.4	57
Chelan County PUD #1	WSCC-NWPP	100.0	98.3	96.5	93.4	100.0	95.5	90.6	92.0	92.0	86.4	99.3	100.0 D	95.3	58
Grand River Dam Authority	SPP	97.6	96.5	87.5	95.8	99.0	97.6	96.9	98.3	87.8	100.0	94.8	91.3 D	95.3	59
Associated Electric Cooperative	SPP	94.8	95.5	95.1	95.1	95.1	95.8	95.1	95.1	95.1	95.1	95.1	95.1 D	95.2	60
Texas Utilities Company	ERCOT	93.4	95.4	92.7	92.0	93.0	96.2	95.8	95.6	96.8	96.5	96.9	97.8 M	95.2	61
Cajun Electric Power Cooperative	SPP	93.6	96.0	95.6	95.6	93.8	95.5	96.6	96.0	95.3	94.6	94.5	94.1 M	95.1	62
City of Pasadena	WSCC-CANV	93.1	92.0	89.6	97.6			97.9	95.5	92.7	96.5	94.8	97.6 D	95.0	63
City of Ft. Pierce	FRCC	100.0	100.0	95.1	94.8	86.5	95.8	95.1	93.4		87.5	97.9	95.8 D	94.7	64
City of Lafayette	SPP	98.6	89.2	89.6	98.3					95.8	95.8		D	94.6	65
Florida Municipal Power Pool	FRCC	94.2	93.1	96.0	96.3	95.5	94.3	96.2	95.2		93.6	92.6	93.0 M	94.5	66

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		Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
SEPA - Thurmond	SERC	92.4	96.9	94.4	89.9	94.4		93.8	95.1	97.9		98.3	92.0 D	94.5	67
WAPA - Lower Colorado	WSCC-AZNM	96.9	97.2	94.8	96.9	97.6		98.3	92.0	86.8	94.4	99.3	85.1 D	94.5	68
Carolina Power & Light Co. East	SERC	94.0	95.7	93.9	93.8	94.7		95.6	95.3	94.3	94.6	93.0	94.1 D	94.5	69
Public Utilities Board Brownsville	ERCOT	88.0	95.8	95.6	92.1	95.8	100.0	96.2	96.1	91.9	91.2		93.6 M	94.2	70
Sunflower Electric Corp.	SPP	96.9	97.6	97.2	97.2	96.5	97.6	92.4	97.2	87.8	88.5	91.0	90.6 D	94.2	71
Electric Energy, Inc.	MAIN	92.0	93.8	95.8	92.3	94.1	96.6	93.1	94.3	96.4	95.6	93.0	92.5 D	94.1	72
Jacksonville Electric Authority	FRCC	91.8	94.3	92.0	94.7	95.4	92.6	95.2	94.4		94.5	94.1	93.4 M	93.9	73
Union Electric Company	MAIN	93.7			100.0	83.3	96.2	97.6	87.5	95.8	94.1	95.5	94.4 D	93.8	74
City of Lake Worth	FRCC	98.3	95.8	92.7	79.9	92.4	99.3	96.2	93.1		97.2	93.8	91.3 D	93.6	75
Alabama Electric Cooperative	SERC	91.0	95.1	97.2	98.3	95.5		87.2	86.5	98.6	88.9	96.2	94.8 D	93.6	76
Maritime Area	NPCC	93.8	96.2	94.5	95.1	94.5	94.5	96.0	91.7	90.2	93.5	91.0	91.1 M	93.5	77
City WL&P-Springfield	MAIN	99.3	92.4	87.8	97.9	94.8	98.6	95.1	96.5	96.9	70.5	91.7	99.7 D	93.4	78
Entergy Electric System	SPP	92.1	91.6	94.5	94.0	94.4	95.3	82.9	95.3	95.8	95.5	94.9	94.3 M	93.4	79
Southern Company Services	SERC	93.4	88.5	89.6	97.2	96.2		98.3	94.1	87.2	95.5	95.1	90.6 D	93.2	80
Tampa Electric Company	FRCC	91.6	92.3	88.9	93.7	91.9	95.6	97.3	95.4		94.8	90.8	93.2 M	93.2	81
L.A. Dept of Water & Power	WSCC-CANV	94.9	95.6	93.6	94.3	93.4	93.2	93.2	92.8	90.5	91.1	92.3	91.0 D	93.0	82
Northern States Power Company	MAPP	99.0	96.5	97.9	97.2	95.5	96.5	84.4	92.4	85.1	87.5	94.4	89.2 D	93.0	83
Arizona Public Service Company	WSCC-AZNM	88.2	96.9	97.9	99.7	93.4	95.8	93.4	98.3	79.9	88.2	89.2	93.8 D	92.9	84
Yadkin, Inc.	SERC	94.4	91.0	96.5		88.9		99.3	100.0	99.3	91.3	86.5	79.2 D	92.6	85
PacifiCorp-West	WSCC-NWPP	97.2	96.2	97.9	95.1	95.1	88.9	91.5	89.9	85.4	84.8	91.0	94.0 D	92.3	86
Kentucky Utilities Company	ECAR	98.6	81.6	90.3	93.4	89.9		92.4	92.0	94.4	95.1	88.9	97.8 D	92.2	87
Pub Serv Co of Colorado	WSCC-RMPP	92.9	94.4	93.7	90.5	91.8		93.8	93.2	93.0	91.2	88.3	91.2 M	92.2	88
Board Of Public Utils.	SPP	89.9	88.2	77.1	90.6	93.8	92.7	92.7	95.8	96.9	97.9	95.8	93.8 D	92.1	89
Central Illinois Pub Serv Co	MAIN	90.6	90.8	92.0	90.7	90.9	93.4	96.0	93.6	94.7	93.9	88.1	89.7 M	92.0	90
PacifiCorp-East	WSCC-NWPP	94.4	92.7	95.1	93.1	95.8	92.4	92.0	89.2	97.9	84.7	99.0	77.4 D	92.0	91
United Power Association	MAPP	88.8	92.9	91.5	90.3	88.2	92.0	92.0	94.2	94.8	93.7	91.2	92.0 M	91.8	92
Virginia Power	SERC	92.0	92.7	91.7	91.3	85.1		92.3	93.0	91.3	95.1	92.4	91.7 D	91.7	93
Wisconsin Electric Power Company	MAIN	89.5	81.7	90.1	96.9	93.3	94.4	95.0	91.9	95.0	88.3	88.3	95.4 D	91.6	94
Sierra Pacific Power Company	WSCC-NWPP	93.4	89.2	92.3	88.9	86.4	90.3	92.4	92.1	91.9	91.0	92.9	96.2 D	91.4	95
Tucson Electric Power Company	WSCC-AZNM	92.0	90.3	86.8	90.3	92.0	95.1	93.8	93.4	90.6	93.1	89.2	85.1 D	91.0	96
El Paso Electric Company	WSCC-AZNM	95.5	73.3	95.1	83.3	96.9	93.8	100.0	80.9	93.4	92.7	91.0	95.1 D	90.9	97
Illinois Power Company	MAIN	95.8	94.1	94.8	85.3	88.9	78.1	85.8	92.0	89.9	89.2	94.1	96.5 D	90.4	98
Michigan Electric Coordinated Syst	ECAR	87.9	89.6	91.1	89.5	90.3		92.3	92.4	91.3	89.6	88.3	89.5 M	90.2	99

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		Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
The Dayton Power & Light Company	ECAR	92.8	92.2	92.0	89.9	85.1		92.5	93.2	88.7	87.3	86.4	88.7 M	89.9	100
St. Joseph Light & Power Company	SPP	88.5	92.4	85.8	96.9	99.0	91.3	84.7	78.8	81.6	89.2	89.9	93.4 D	89.3	101
Upper Peninsula Power Company	MAIN	62.5	67.4	74.3	79.2	97.2	93.4	98.3	100.0	100.0	99.3	100.0	99.7 D	89.3	102
Tennessee Valley Authority	SERC	95.8	90.6	83.3	85.1	92.4		90.6	91.0	88.9	88.2	83.0	92.0 D	89.2	103
Nebraska Public Power District	MAPP	97.2	97.6	93.5	92.4	88.2	89.6	87.8	94.4	86.1	81.9	83.0	74.7 M	88.9	104
Western Resources	SPP	97.9	84.4	93.8	92.4	100.0	87.8	93.4	80.2	88.5	84.7	82.6	80.6 D	88.9	105
Indianapolis Power & Light Company	ECAR	91.9	87.0	86.8	87.3	86.5		98.2	89.0	90.2	87.5	84.1	86.2 M	88.6	106
Kansas City Power & Light Company	SPP	85.7	86.5	85.0	86.9	85.8	90.6	89.9	93.2	93.9	84.6	85.8	87.5 M	88.0	107
American Electric Power Company	ECAR	84.8	87.5	87.1	84.7	84.8		89.1	92.2	91.4	88.5	87.5	88.4 M	87.8	108
Saskatchewan Power Corporation	MAPP	84.0	92.0	92.0	86.5	99.0	94.4	81.3	85.8	83.7	80.2	87.2	86.5 D	87.7	109
Imperial Irrigation District	WSCC-AZNM	79.5	89.2	91.7	91.0	88.9	78.1	92.0	85.1	88.2	80.6	91.3	91.3 D	87.2	110
Missouri Public Service Company	SPP	100.0	76.0	94.8	93.4	71.9	89.6	93.1	69.8	91.0	86.1	89.2	81.3 D	86.3	111
Wisconsin Power & Light Company	MAIN	83.0	71.5		100.0	100.0	100.0	77.8	67.0	78.8	85.1	95.1	86.8 D	85.9	112
Ohio Valley Electric Corporation	ECAR	86.8	89.1	86.5	83.6	84.0		84.5	83.3	87.9	84.0	84.5	86.6 M	85.5	113
Allegheny Power System	ECAR	81.0	89.6	86.9	84.1	86.2		86.8	84.8	84.6	81.3	80.6	85.3 M	84.7	114
IES Utilities	MAPP	92.8	89.2	90.7	88.9	86.2	87.9	86.1	90.7	81.4	73.3	73.5	75.1 D	84.6	115
Louisville Gas & Electric Co	ECAR	93.8	79.5	87.8	85.8	78.5		86.1	91.3	95.5	77.1	70.1	79.5 D	84.1	116
South Carolina Public Service	SERC	87.2	78.5		81.3	86.8		86.1	80.2	82.6	85.8	80.9	82.3 D	83.2	117
Empire District Electric Company	SPP	91.0	89.6	89.2	83.3	77.8	81.3	72.6	68.8	80.2	81.3	92.4	86.5 D	82.8	118
Wisconsin Public Service Corporation	MAIN	96.2	78.5	81.3	83.0	62.8	63.9	76.4	80.6	87.5	85.8	96.9	98.6 D	82.6	119
Southern Indiana Gas & Electric Co	ECAR	92.7	88.5	77.1	81.9	85.4		81.9	73.6	85.8	83.3	72.2	77.1 D	81.8	120
South Carolina Electric & Gas Co	SERC	78.1	78.1	65.6	73.3	87.2		95.5	86.1	86.8	74.7	79.9	86.1 D	81.0	121
Oklahoma Gas & Electric Company	SPP	88.5	89.9	91.3	93.1	64.9		83.0	61.1	72.9	84.7	76.0	84.0 D	80.9	122
Comision Federal de Electricidad	WSCC-CANV	67.0	77.1	77.8	69.4	88.4	84.2	83.8	87.3	85.1	80.0	82.0	83.0 D	80.4	123
Hoosier Energy Rural Electric Coop	ECAR	80.6	79.9	67.0	85.4	78.5		73.6	88.2	75.3	80.2	86.1	88.9 D	80.3	124
Ohio Edison Company	ECAR	78.0	79.1	80.2	74.7	80.7		82.6	81.0	77.5	80.8	81.7	78.5 M	79.5	125
Big Rivers Electric Corporation	ECAR	85.8	85.4	75.7	68.8	80.9		72.9	89.9	86.8	62.8	71.2	88.5 D	79.0	126
Madison Gas & Electric Company	MAIN	58.0	88.5	75.7	80.6	83.3	86.8	64.9	83.0	90.6	71.9	76.0	79.5 D	78.2	127
East Kentucky Power Cooperative	ECAR	79.2	73.7	74.1	74.2	79.0		78.8	76.6	79.4	83.0	77.3	78.8 M	77.6	128
Cinergy Corporation	ECAR	73.8	66.8	66.7	67.4	68.2		76.2	68.3	69.5	65.3	60.9	66.5 M	68.2	129
Duquesne Light Company	ECAR	68.9	68.6	63.5	60.7	72.4		70.7	62.6	68.3	70.0	72.0	69.4 M	67.9	130
The Toledo Edison Company	ECAR	80.9	62.5	67.0	62.5	54.5		72.2	81.9	78.8	53.5	55.9	54.5 D	65.8	131
Cleveland Electric Illuminating Co	ECAR	83.3	62.8	67.4	52.1	57.3		65.3	53.1	75.0	62.2	68.1	52.1 D	63.5	132

NERC Control Performance Summary - All Interconnections

8/19/97

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
		Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
Northern Indiana Public Service Co	ECAR	66.3	57.6	60.8	58.0	57.6		65.3	51.0	60.8	60.1	58.7	78.1 D	61.3	133
Central Illinois Light Company	MAIN	57.4	54.4	51.9	51.9	53.0	49.2	53.5	54.5	56.2	55.3	54.8	49.3 M	53.4	134

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.)

NERC Control Performance Summary - Eastern Interconnection

8/19/97

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
		Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
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
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 D	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 X	100.0	3
Hydro-Quebec	NPCC	99.7	99.7	99.6	99.6	99.8	99.8	99.9	99.4	99.7	98.9	99.3	99.5 M	99.6	4
Manitoba Hydro-Electric Board	MAPP	100.0	100.0	99.0	99.3	100.0	100.0	100.0	98.3	100.0	98.3	100.0	100.0 D	99.6	5
Southwestern Public Service Co	SPP	100.0	100.0	100.0	96.5	99.3	100.0	99.7	100.0	99.0	97.9	100.0	99.7 D	99.3	6
Lincoln Electric System	MAPP	99.9	99.9	98.9	98.6	99.0	98.7	98.8	99.0	99.5	99.5	99.4	99.5 M	99.2	7
Carolina Power & Light Co. West	SERC	98.9	98.9	98.8	99.1	99.4		98.6	99.4	99.2	99.0	99.0	98.6 D	99.0	8
City of Starke	FRCC	98.6	97.9	97.9	100.0	97.9	100.0	100.0	100.0		97.9	100.0	97.9 D	98.9	9
South Mississippi Electric Power	SERC	98.6	97.9	100.0	98.3	100.0		99.7	94.4	99.3	99.3	98.6	100.0 D	98.7	10
City of Key West	FRCC	99.3	99.0	99.3	99.0	99.3	93.4	96.2	99.3		99.3	99.3	99.3 D	98.4	11
Florida Power & Light Company	FRCC	98.7	97.9	96.7	98.3	97.9	97.6	99.5	98.5		99.1	99.0	99.1 D	98.4	12
Muscatine Power & Water	MAPP	99.7	100.0	86.1	99.0	100.0	97.6	100.0	97.9	99.0	99.3	98.3	100.0 D	98.1	13
Central Louisiana Electric Company	SPP	100.0	99.3	99.0	95.8	91.7	99.0	97.9	97.9	97.9	99.3	100.0	99.0 D	98.1	14
Gainesville Regional Utilities	FRCC	95.5	96.9	99.0	96.2	97.9	99.3	98.6	99.3		98.6	98.3	99.0 D	98.0	15
Ontario Hydro	NPCC	97.4	97.5	97.3	98.0	97.8	98.1	98.6	98.4	98.3	97.9	98.2	98.4 M	98.0	16
Southwestern Power Administration	SPP	98.6	99.7	96.5	98.3	97.9	99.3	97.2	99.7	98.3	99.7	98.3	92.0 D	97.9	17
City of Homestead	FRCC	98.3	96.9	96.9	98.3	97.6	97.2	97.9	97.9		99.3	97.2	97.6 D	97.7	18
Westplains Energy	SPP	96.9	97.6	98.3	93.1	99.7	100.0	100.0		100.0	100.0	91.7	97.2 D	97.7	19
Western Farmers Electric Coop	SPP	97.9	96.9	97.9	97.2	97.9	99.3	97.6	99.3	97.6	99.3	96.9	93.8 D	97.6	20
Southern Illinois Power Coop	MAIN	100.0	100.0	100.0	94.4	99.7	100.0	100.0	100.0	91.3	100.0	91.7	93.4 D	97.5	21
Otter Tail Power Company	MAPP	94.7	98.3	96.3	97.3	97.9	97.8	97.0	97.3	98.2	97.7	96.2	98.1 M	97.2	22
SEPA - Russell	SERC	96.5	95.1	96.9	95.1	96.9		94.8	97.9	97.6	95.1	100.0	98.6 D	96.8	23
SEPA - Hartwell	SERC	92.4	99.7	99.0	97.6	98.3		98.3	99.0	99.7		84.7	97.9 D	96.6	24
Duke Power Company	SERC	97.2	96.5	98.3	97.2	89.2		97.2	94.8	96.2	97.6	98.3	98.6 D	96.5	25
Florida Power Corporation	FRCC	93.8	96.2	96.9	97.6	96.9	94.4	97.2	97.9		95.8	92.4	93.4 D	95.7	26
Southern Minnesota Muni. Power	MAPP	97.2	96.5	95.8	93.1	92.4	95.5	96.5	97.9	99.0	97.9	88.2	97.6 D	95.6	27
City of Tallahassee	FRCC	98.6	82.5	88.2	99.7	99.3	96.2	99.7	94.8		95.1	99.3	98.3 D	95.6	28
Central & South West Sevices, Inc.	SPP	95.7	93.3	93.5	92.3	96.5	95.6	95.0	97.4	97.4	97.5	95.7	95.9 D	95.5	29
New England Power Exchange	NPCC	94.8	94.4	94.5	95.8	96.7	95.5	96.3	95.4	96.1	96.3	96.1	92.5 M	95.4	30
Seminole Electric Cooperative	FRCC	97.9	99.0	89.6	92.7	89.9	91.3	100.0	93.4		97.9	99.3	97.9 D	95.4	31
Grand River Dam Authority	SPP	97.6	96.5	87.5	95.8	99.0	97.6	96.9	98.3	87.8	100.0	94.8	91.3 D	95.3	32
Associated Electric Cooperative	SPP	94.8	95.5	95.1	95.1	95.1	95.8	95.1	95.1	95.1	95.1	95.1	95.1 D	95.2	33

NERC Control Performance Summary - Eastern Interconnection

8/19/97

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
		Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
Cajun Electric Power Cooperative	SPP	93.6	96.0	95.6	95.6	93.8	95.5	96.6	96.0	95.3	94.6	94.5	94.1 M	95.1	34
City of Ft. Pierce	FRCC	100.0	100.0	95.1	94.8	86.5	95.8	95.1	93.4		87.5	97.9	95.8 D	94.7	35
City of Lafayette	SPP	98.6	89.2	89.6	98.3					95.8	95.8		D	94.6	36
Florida Municipal Power Pool	FRCC	94.2	93.1	96.0	96.3	95.5	94.3	96.2	95.2		93.6	92.6	93.0 M	94.5	37
SEPA - Thurmond	SERC	92.4	96.9	94.4	89.9	94.4		93.8	95.1	97.9		98.3	92.0 D	94.5	38
Carolina Power & Light Co. East	SERC	94.0	95.7	93.9	93.8	94.7		95.6	95.3	94.3	94.6	93.0	94.1 D	94.5	39
Sunflower Electric Corp.	SPP	96.9	97.6	97.2	97.2	96.5	97.6	92.4	97.2	87.8	88.5	91.0	90.6 D	94.2	40
Electric Energy, Inc.	MAIN	92.0	93.8	95.8	92.3	94.1	96.6	93.1	94.3	96.4	95.6	93.0	92.5 D	94.1	41
Jacksonville Electric Authority	FRCC	91.8	94.3	92.0	94.7	95.4	92.6	95.2	94.4		94.5	94.1	93.4 M	93.9	42
Union Electric Company	MAIN	93.7			100.0	83.3	96.2	97.6	87.5	95.8	94.1	95.5	94.4 D	93.8	43
City of Lake Worth	FRCC	98.3	95.8	92.7	79.9	92.4	99.3	96.2	93.1		97.2	93.8	91.3 D	93.6	44
Alabama Electric Cooperative	SERC	91.0	95.1	97.2	98.3	95.5		87.2	86.5	98.6	88.9	96.2	94.8 D	93.6	45
Maritime Area	NPCC	93.8	96.2	94.5	95.1	94.5	94.5	96.0	91.7	90.2	93.5	91.0	91.1 M	93.5	46
City WL&P-Springfield	MAIN	99.3	92.4	87.8	97.9	94.8	98.6	95.1	96.5	96.9	70.5	91.7	99.7 D	93.4	47
Entergy Electric System	SPP	92.1	91.6	94.5	94.0	94.4	95.3	82.9	95.3	95.8	95.5	94.9	94.3 M	93.4	48
Southern Company Services	SERC	93.4	88.5	89.6	97.2	96.2		98.3	94.1	87.2	95.5	95.1	90.6 D	93.2	49
Tampa Electric Company	FRCC	91.6	92.3	88.9	93.7	91.9	95.6	97.3	95.4		94.8	90.8	93.2 M	93.2	50
Northern States Power Company	MAPP	99.0	96.5	97.9	97.2	95.5	96.5	84.4	92.4	85.1	87.5	94.4	89.2 D	93.0	51
Yadkin, Inc.	SERC	94.4	91.0	96.5		88.9		99.3	100.0	99.3	91.3	86.5	79.2 D	92.6	52
Kentucky Utilities Company	ECAR	98.6	81.6	90.3	93.4	89.9		92.4	92.0	94.4	95.1	88.9	97.8 D	92.2	53
Board Of Public Utils.	SPP	89.9	88.2	77.1	90.6	93.8	92.7	92.7	95.8	96.9	97.9	95.8	93.8 D	92.1	54
Central Illinois Pub Serv Co	MAIN	90.6	90.8	92.0	90.7	90.9	93.4	96.0	93.6	94.7	93.9	88.1	89.7 M	92.0	55
United Power Association	MAPP	88.8	92.9	91.5	90.3	88.2	92.0	92.0	94.2	94.8	93.7	91.2	92.0 M	91.8	56
Virginia Power	SERC	92.0	92.7	91.7	91.3	85.1		92.3	93.0	91.3	95.1	92.4	91.7 D	91.7	57
Wisconsin Electric Power Company	MAIN	89.5	81.7	90.1	96.9	93.3	94.4	95.0	91.9	95.0	88.3	88.3	95.4 D	91.6	58
Illinois Power Company	MAIN	95.8	94.1	94.8	85.3	88.9	78.1	85.8	92.0	89.9	89.2	94.1	96.5 D	90.4	59
Michigan Electric Coordinated Syst	ECAR	87.9	89.6	91.1	89.5	90.3		92.3	92.4	91.3	89.6	88.3	89.5 M	90.2	60
The Dayton Power & Light Company	ECAR	92.8	92.2	92.0	89.9	85.1		92.5	93.2	88.7	87.3	86.4	88.7 M	89.9	61
St.Joseph Light & Power Company	SPP	88.5	92.4	85.8	96.9	99.0	91.3	84.7	78.8	81.6	89.2	89.9	93.4 D	89.3	62
Upper Peninsula Power Company	MAIN	62.5	67.4	74.3	79.2	97.2	93.4	98.3	100.0	100.0	99.3	100.0	99.7 D	89.3	63
Tennessee Valley Authority	SERC	95.8	90.6	83.3	85.1	92.4		90.6	91.0	88.9	88.2	83.0	92.0 D	89.2	64
Nebraska Public Power District	MAPP	97.2	97.6	93.5	92.4	88.2	89.6	87.8	94.4	86.1	81.9	83.0	74.7 M	88.9	65
Western Resources	SPP	97.9	84.4	93.8	92.4	100.0	87.8	93.4	80.2	88.5	84.7	82.6	80.6 D	88.9	66

NERC Control Performance Summary - Eastern Interconnection

8/19/97

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
		Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
Indianapolis Power & Light Company	ECAR	91.9	87.0	86.8	87.3	86.5		98.2	89.0	90.2	87.5	84.1	86.2 M	88.6	67
Kansas City Power & Light Company	SPP	85.7	86.5	85.0	86.9	85.8	90.6	89.9	93.2	93.9	84.6	85.8	87.5 M	88.0	68
American Electric Power Company	ECAR	84.8	87.5	87.1	84.7	84.8		89.1	92.2	91.4	88.5	87.5	88.4 M	87.8	69
Saskatchewan Power Corporation	MAPP	84.0	92.0	92.0	86.5	99.0	94.4	81.3	85.8	83.7	80.2	87.2	86.5 D	87.7	70
Missouri Public Service Company	SPP	100.0	76.0	94.8	93.4	71.9	89.6	93.1	69.8	91.0	86.1	89.2	81.3 D	86.3	71
Wisconsin Power & Light Company	MAIN	83.0	71.5		100.0	100.0	100.0	77.8	67.0	78.8	85.1	95.1	86.8 D	85.9	72
Ohio Valley Electric Corporation	ECAR	86.8	89.1	86.5	83.6	84.0		84.5	83.3	87.9	84.0	84.5	86.6 M	85.5	73
Allegheny Power System	ECAR	81.0	89.6	86.9	84.1	86.2		86.8	84.8	84.6	81.3	80.6	85.3 M	84.7	74
IES Utilities	MAPP	92.8	89.2	90.7	88.9	86.2	87.9	86.1	90.7	81.4	73.3	73.5	75.1 D	84.6	75
Louisville Gas & Electric Co	ECAR	93.8	79.5	87.8	85.8	78.5		86.1	91.3	95.5	77.1	70.1	79.5 D	84.1	76
South Carolina Public Service	SERC	87.2	78.5		81.3	86.8		86.1	80.2	82.6	85.8	80.9	82.3 D	83.2	77
Empire District Electric Company	SPP	91.0	89.6	89.2	83.3	77.8	81.3	72.6	68.8	80.2	81.3	92.4	86.5 D	82.8	78
Wisconsin Public Service Corporation	MAIN	96.2	78.5	81.3	83.0	62.8	63.9	76.4	80.6	87.5	85.8	96.9	98.6 D	82.6	79
Southern Indiana Gas & Electric Co	ECAR	92.7	88.5	77.1	81.9	85.4		81.9	73.6	85.8	83.3	72.2	77.1 D	81.8	80
South Carolina Electric & Gas Co	SERC	78.1	78.1	65.6	73.3	87.2		95.5	86.1	86.8	74.7	79.9	86.1 D	81.0	81
Oklahoma Gas & Electric Company	SPP	88.5	89.9	91.3	93.1	64.9		83.0	61.1	72.9	84.7	76.0	84.0 D	80.9	82
Hoosier Energy Rural Electric Coop	ECAR	80.6	79.9	67.0	85.4	78.5		73.6	88.2	75.3	80.2	86.1	88.9 D	80.3	83
Ohio Edison Company	ECAR	78.0	79.1	80.2	74.7	80.7		82.6	81.0	77.5	80.8	81.7	78.5 M	79.5	84
Big Rivers Electric Corporation	ECAR	85.8	85.4	75.7	68.8	80.9		72.9	89.9	86.8	62.8	71.2	88.5 D	79.0	85
Madison Gas & Electric Company	MAIN	58.0	88.5	75.7	80.6	83.3	86.8	64.9	83.0	90.6	71.9	76.0	79.5 D	78.2	86
East Kentucky Power Cooperative	ECAR	79.2	73.7	74.1	74.2	79.0		78.8	76.6	79.4	83.0	77.3	78.8 M	77.6	87
Cinergy Corporation	ECAR	73.8	66.8	66.7	67.4	68.2		76.2	68.3	69.5	65.3	60.9	66.5 M	68.2	88
Duquesne Light Company	ECAR	68.9	68.6	63.5	60.7	72.4		70.7	62.6	68.3	70.0	72.0	69.4 M	67.9	89
The Toledo Edison Company	ECAR	80.9	62.5	67.0	62.5	54.5		72.2	81.9	78.8	53.5	55.9	54.5 D	65.8	90
Cleveland Electric Illuminating Co	ECAR	83.3	62.8	67.4	52.1	57.3		65.3	53.1	75.0	62.2	68.1	52.1 D	63.5	91
Northern Indiana Public Service Co	ECAR	66.3	57.6	60.8	58.0	57.6		65.3	51.0	60.8	60.1	58.7	78.1 D	61.3	92
Central Illinois Light Company	MAIN	57.4	54.4	51.9	51.9	53.0	49.2	53.5	54.5	56.2	55.3	54.8	49.3 M	53.4	93

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

8/19/97

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	
		Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 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	1
San Diego Gas & Electric Company	WSCC-CANV	100.0	99.7	97.6	99.7	100.0	100.0	99.7	99.3	99.3	99.3	99.7	98.3	99.4	2	
British Columbia Hydro & Power	WSCC-NWPP	99.3	99.7	99.3	99.7	98.6	99.3	100.0	99.0	99.7	98.6	99.0	100.0	99.3	3	
Salt River Project	WSCC-AZNM	99.7	98.6	99.0	99.7	99.0	99.3	99.3	99.7	97.2	99.7	99.3	97.2	99.0	4	
Southern California Edison Company	WSCC-CANV	97.6	100.0	97.2	97.6	99.3	100.0	99.0	99.7	100.0	95.1	99.7	100.0	98.8	5	
Nevada Power Company	WSCC-CANV	97.9	97.6	97.9	96.9	100.0	100.0	100.0	100.0	99.0	95.5	97.6	100.0	98.5	6	
Portland General Electric Company	WSCC-NWPP	100.0	93.8	99.7	99.7	95.8	99.7	98.6	99.0	99.0	99.7	98.3	98.3	98.4	7	
WAPA - Colorado Missouri	WSCC-RMPP		99.7	99.0	99.3	93.6		95.7	99.3	98.6	97.9	98.3	99.3	98.1	8	
Puget Sound Energy	WSCC-NWPP	97.6	97.9	99.7	94.4	98.3	95.1	97.6	100.0	100.0	96.5	99.7	100.0	98.1	9	
Tacoma City Light	WSCC-NWPP	94.1	98.3	97.2	97.6	99.0	99.3	91.3	97.9	97.6	100.0	98.6	100.0	97.6	10	
Washington Water Power Company	WSCC-NWPP	99.0	97.9	99.7	99.3	98.6	96.9	99.0	97.9	91.7	91.0	100.0	98.6	97.5	11	
Pacific Gas & Electric Company	WSCC-CANV	97.6	100.0	99.3	91.0	93.8	94.4	99.3	99.3	97.9	97.6	99.7	99.0	97.4	12	
Idaho Power Company	WSCC-NWPP	99.0	97.2	95.5	99.0	100.0	95.5	95.5	96.0	95.8	97.2	97.6	99.7	97.3	13	
Douglas County PUD #1	WSCC-NWPP	100.0	100.0	100.0	99.7	100.0	100.0	99.7	89.9	94.1	91.7	95.1	96.2	97.2	14	
Seattle City Light	WSCC-NWPP	98.6	95.1	99.0	98.6	99.0	99.3	98.6	98.3	95.5	91.7	95.8	96.9	97.2	15	
Bonneville Power Administration	WSCC-NWPP	99.3	97.2	96.2	97.2	93.1	97.2	98.3	96.2	98.3	93.8	100.0	97.6	97.0	16	
TransAlta Utilities Corporation	WSCC-NWPP	99.7	95.8	97.2	97.6	98.6	94.1	96.9	95.5	94.8	93.4	98.3	94.1	96.3	17	
Montana Power Company	WSCC-NWPP	99.7	99.7	99.7	98.3	96.5	95.5	100.0	93.4	87.2	92.0	95.8	95.8	96.1	18	
Public Service of New Mexico	WSCC-AZNM	97.9	92.7	95.1	98.3	93.0	97.2	97.9	98.3	94.8	94.4	99.0	94.4	96.1	19	
Chelan County PUD #1	WSCC-NWPP	100.0	98.3	96.5	93.4	100.0	95.5	90.6	92.0	92.0	86.4	99.3	100.0	95.3	20	
City of Pasadena	WSCC-CANV	93.1	92.0	89.6	97.6		97.9	95.5	92.7	96.5	94.8	97.6	97.6	95.0	21	
WAPA - Lower Colorado	WSCC-AZNM	96.9	97.2	94.8	96.9	97.6		98.3	92.0	86.8	94.4	99.3	85.1	94.5	22	
L.A. Dept of Water & Power	WSCC-CANV	94.9	95.6	93.6	94.3	93.4	93.2	93.2	92.8	90.5	91.1	92.3	91.0	93.0	23	
Arizona Public Service Company	WSCC-AZNM	88.2	96.9	97.9	99.7	93.4	95.8	93.4	98.3	79.9	88.2	89.2	93.8	92.9	24	
PacifiCorp-West	WSCC-NWPP	97.2	96.2	97.9	95.1	95.1	88.9	91.5	89.9	85.4	84.8	91.0	94.0	92.3	25	
Pub Serv Co of Colorado	WSCC-RMPP	92.9	94.4	93.7	90.5	91.8		93.8	93.2	93.0	91.2	88.3	91.2	92.2	26	
PacifiCorp-East	WSCC-NWPP	94.4	92.7	95.1	93.1	95.8	92.4	92.0	89.2	97.9	84.7	99.0	77.4	92.0	27	
Sierra Pacific Power Company	WSCC-NWPP	93.4	89.2	92.3	88.9	86.4	90.3	92.4	92.1	91.9	91.0	92.9	96.2	91.4	28	
Tucson Electric Power Company	WSCC-AZNM	92.0	90.3	86.8	90.3	92.0	95.1	93.8	93.4	90.6	93.1	89.2	85.1	91.0	29	
El Paso Electric Company	WSCC-AZNM	95.5	73.3	95.1	83.3	96.9	93.8	100.0	80.9	93.4	92.7	91.0	95.1	90.9	30	
Imperial Irrigation District	WSCC-AZNM	79.5	89.2	91.7	91.0	88.9	78.1	92.0	85.1	88.2	80.6	91.3	91.3	87.2	31	
Comision Federal de Electricidad	WSCC-CANV	67.0	77.1	77.8	69.4	88.4	84.2	83.8	87.3	85.1	80.0	82.0	83.0	80.4	32	

NERC Control Performance Summary - Western Interconnection

8/19/97

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

8/19/97

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	
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97			Aug 97
Kentucky Utilities Company	ECAR	A1	100.0	82.6	91.0	95.1	91.0		92.4	92.4	95.1	97.2	91.0	99.3D	93.4	1
		A2	97.2	80.6	89.6	91.7	88.9		92.4	91.7	93.8	93.1	86.8	96.4	91.1	
		AVG	98.6	81.6	90.3	93.4	89.9		92.4	92.0	94.4	95.1	88.9	97.8	92.2	
Michigan Electric Coordinated Syst	ECAR	A1	91.3	94.0	95.1	93.8	94.4		95.9	95.6	94.2	93.2	92.2	93.2M	93.9	2
		A2	84.6	85.1	87.1	85.2	86.2		88.8	89.1	88.5	85.9	84.5	85.7	86.4	
		AVG	87.9	89.6	91.1	89.5	90.3		92.3	92.4	91.3	89.6	88.3	89.5	90.2	
The Dayton Power & Light Company	ECAR	A1	92.8	91.4	91.3	87.7	84.0		92.7	92.7	88.2	88.4	86.5	89.8M	89.6	3
		A2	92.8	93.0	92.8	92.0	86.3		92.3	93.6	89.2	86.2	86.3	87.5	90.2	
		AVG	92.8	92.2	92.0	89.9	85.1		92.5	93.2	88.7	87.3	86.4	88.7	89.9	
Indianapolis Power & Light Company	ECAR	A1	93.7	89.9	88.0	88.9	88.6		98.7	91.5	91.8	90.3	84.4	86.4M	90.2	4
		A2	90.0	84.1	85.6	85.7	84.3		97.7	86.5	88.5	84.6	83.8	85.9	87.0	
		AVG	91.9	87.0	86.8	87.3	86.5		98.2	89.0	90.2	87.5	84.1	86.2	88.6	
American Electric Power Company	ECAR	A1	91.7	92.5	91.1	89.0	90.4		93.9	96.0	95.5	93.6	93.5	94.9M	92.9	5
		A2	77.9	82.5	83.1	80.4	79.1		84.3	88.3	87.2	83.4	81.6	81.8	82.7	
		AVG	84.8	87.5	87.1	84.7	84.8		89.1	92.2	91.4	88.5	87.5	88.4	87.8	
Ohio Valley Electric Corporation	ECAR	A1	87.7	89.8	88.3	86.4	84.7		84.6	81.9	88.0	84.1	84.6	86.5M	86.1	6
		A2	85.9	88.4	84.7	80.8	83.2		84.3	84.7	87.9	83.8	84.3	86.6	85.0	
		AVG	86.8	89.1	86.5	83.6	84.0		84.5	83.3	87.9	84.0	84.5	86.6	85.5	
Allegheny Power System	ECAR	A1	89.8	95.8	94.4	91.8	94.4		94.6	93.8	93.2	91.6	91.2	94.0M	93.1	7
		A2	72.2	83.4	79.4	76.4	78.1		79.0	75.7	76.1	71.1	70.1	76.6	76.2	
		AVG	81.0	89.6	86.9	84.1	86.2		86.8	84.8	84.6	81.3	80.6	85.3	84.7	
Louisville Gas & Electric Co	ECAR	A1	87.5	68.8	83.3	83.3	66.0		81.9	85.4	92.4	68.8	58.3	70.1D	76.9	8
		A2	100.0	90.3	92.4	88.2	91.0		90.3	97.2	98.6	85.4	81.9	88.9	91.3	
		AVG	93.8	79.5	87.8	85.8	78.5		86.1	91.3	95.5	77.1	70.1	79.5	84.1	
Southern Indiana Gas & Electric Co	ECAR	A1	92.4	86.8	70.1	84.0	81.3		73.6	66.0	78.5	81.9	61.1	70.8D	77.0	9
		A2	93.1	90.3	84.0	79.9	89.6		90.3	81.3	93.1	84.7	83.3	83.3	86.6	
		AVG	92.7	88.5	77.1	81.9	85.4		81.9	73.6	85.8	83.3	72.2	77.1	81.8	

NERC Control Performance Summary - All Interconnections

8/19/97

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
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
Hoosier Energy Rural Electric Coop	ECAR	A1	78.5	75.7	61.1	83.3	74.3		68.1	84.7	72.2	78.5	81.3	87.5D	76.8	10
		A2	82.6	84.0	72.9	87.5	82.6		79.2	91.7	78.5	81.9	91.0	90.3	83.8	
		AVG	80.6	79.9	67.0	85.4	78.5		73.6	88.2	75.3	80.2	86.1	88.9	80.3	
Ohio Edison Company	ECAR	A1	90.2	91.8	92.1	86.9	91.7		94.0	91.6	89.8	91.2	92.9	89.9M	91.1	11
		A2	65.8	66.4	68.4	62.5	69.7		71.2	70.3	65.2	70.5	70.6	67.1	68.0	
		AVG	78.0	79.1	80.2	74.7	80.7		82.6	81.0	77.5	80.8	81.7	78.5	79.5	
Big Rivers Electric Corporation	ECAR	A1	84.7	90.3	79.2	66.7	88.9		81.3	91.7	87.5	69.4	80.6	91.0D	82.8	12
		A2	86.8	80.6	72.2	70.8	72.9		64.6	88.2	86.1	56.3	61.8	86.1	75.1	
		AVG	85.8	85.4	75.7	68.8	80.9		72.9	89.9	86.8	62.8	71.2	88.5	79.0	
East Kentucky Power Cooperative	ECAR	A1	86.3	82.4	82.7	84.7	89.0		89.2	86.6	89.2	91.1	89.0	90.3M	87.3	13
		A2	72.1	64.9	65.4	63.6	69.0		68.4	66.6	69.6	74.8	65.7	67.3	67.9	
		AVG	79.2	73.7	74.1	74.2	79.0		78.8	76.6	79.4	83.0	77.3	78.8	77.6	
Cinergy Corporation	ECAR	A1	91.4	82.8	81.5	80.0	83.6		90.1	83.2	84.1	81.6	78.0	83.3M	83.6	14
		A2	56.2	50.9	52.0	54.8	52.8		62.3	53.4	55.0	49.0	43.8	49.8	52.7	
		AVG	73.8	66.8	66.7	67.4	68.2		76.2	68.3	69.5	65.3	60.9	66.5	68.2	
Duquesne Light Company	ECAR	A1	79.0	80.4	75.8	68.3	84.7		83.4	75.2	80.5	82.8	82.3	80.4M	79.3	15
		A2	58.9	56.9	51.2	53.0	60.2		58.0	50.0	56.0	57.2	61.8	58.5	56.5	
		AVG	68.9	68.6	63.5	60.7	72.4		70.7	62.6	68.3	70.0	72.0	69.4	67.9	
The Toledo Edison Company	ECAR	A1	81.3	76.4	76.4	70.8	59.7		79.9	87.5	87.5	72.9	74.3	77.8D	76.8	16
		A2	80.6	48.6	57.6	54.2	49.3		64.6	76.4	70.1	34.0	37.5	31.3	54.9	
		AVG	80.9	62.5	67.0	62.5	54.5		72.2	81.9	78.8	53.5	55.9	54.5	65.8	
Cleveland Electric Illuminating Co	ECAR	A1	91.7	84.7	84.7	63.9	76.4		85.4	70.1	90.3	74.3	84.0	67.4D	79.4	17
		A2	75.0	41.0	50.0	40.3	38.2		45.1	36.1	59.7	50.0	52.1	36.8	47.7	
		AVG	83.3	62.8	67.4	52.1	57.3		65.3	53.1	75.0	62.2	68.1	52.1	63.5	
Northern Indiana Public Service Co	ECAR	A1	96.5	97.9	95.1	88.9	97.2		97.2	81.9	97.2	97.2	93.1	65.3D	91.6	18
		A2	36.1	17.4	26.4	27.1	18.1		33.3	20.1	24.3	22.9	24.3	91.0	31.0	
		AVG	66.3	57.6	60.8	58.0	57.6		65.3	51.0	60.8	60.1	58.7	78.1	61.3	

NERC Control Performance Summary - All Interconnections

8/19/97

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
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
Texas-New Mexico Power Company	ERCOT	A1	100.0	100.0	94.4	99.3	98.6	100.0	100.0	100.0	97.9	99.3	97.2	100.0 D	98.9	1
		A2	100.0	100.0	99.3	100.0	99.3	100.0	100.0	100.0	99.3	100.0	100.0	100.0	99.8	
		AVG	100.0	100.0	96.9	99.7	99.0	100.0	100.0	100.0	98.6	99.7	98.6	100.0	99.4	
S Texas & Medina Electric Coops.	ERCOT	A1	93.1	97.2	98.6	97.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0 D	98.8	2
		A2	100.0	100.0	100.0	97.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	99.8	
		AVG	96.5	98.6	99.3	97.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	99.3	
Central & South West Sevices, Inc.	ERCOT	A1	99.1	99.3	98.4	98.4	99.0	99.5	99.4	99.4	98.8	99.3	100.0	98.8 M	99.1	3
		A2	97.1	97.4	95.7	95.5	97.0	98.8	98.1	98.0	98.6	98.7	100.0	97.5	97.7	
		AVG	98.1	98.4	97.1	96.9	98.0	99.1	98.7	98.7	98.7	99.0	100.0	98.1	98.4	
Houston Lighting & Power Company	ERCOT	A1	100.0	98.6	95.8	97.9	97.2	100.0	97.9	97.9	99.3	100.0	99.3	100.0 D	98.7	4
		A2	98.6	98.6	97.2	96.5	97.2	99.3	97.2	97.2	98.6	98.6	98.6	98.6	98.0	
		AVG	99.3	98.6	96.5	97.2	97.2	99.7	97.6	97.6	99.0	99.3	99.0	99.3	98.4	
Lower Colorado River Authority	ERCOT	A1	99.8	99.6	99.4	98.6	98.6	99.3	99.6	99.6	99.0	99.3	99.9	99.4 M	99.3	5
		A2	94.8	95.4	94.4	90.7	92.2	91.6	93.0	92.8	90.7	94.7	94.5	92.6	93.1	
		AVG	97.3	97.5	96.9	94.7	95.4	95.4	96.3	96.2	94.8	97.0	97.2	96.0	96.2	
City of Austin	ERCOT	A1	100.0	98.6	93.8	79.2	98.6	96.5	100.0	100.0	97.2	95.8	97.9	95.1 D	96.1	6
		A2	100.0	97.9	91.7	79.9	99.3	96.5	99.3	99.3	99.3	97.2	98.6	95.1	96.2	
		AVG	100.0	98.3	92.7	79.5	99.0	96.5	99.7	99.7	98.3	96.5	98.3	95.1	96.1	
Texas Municipal Power Pool	ERCOT	A1	100.0	97.2	93.1	91.7	91.0	99.3	99.3	99.3	95.1	95.1	99.3	95.1 D	96.3	7
		A2	100.0	96.5	94.4	96.5	93.1	98.6	95.8	95.8	93.8	96.5	95.1	95.1	95.9	
		AVG	100.0	96.9	93.8	94.1	92.0	99.0	97.6	97.6	94.4	95.8	97.2	95.1	96.1	
Texas Utilities Company	ERCOT	A1	97.3	98.1	95.1	94.1	96.3	98.6	98.3	98.2	98.7	98.7	98.5	99.1 M	97.6	8
		A2	89.6	92.8	90.2	89.9	89.6	93.8	93.2	93.0	94.8	94.2	95.3	96.5	92.8	
		AVG	93.4	95.4	92.7	92.0	93.0	96.2	95.8	95.6	96.8	96.5	96.9	97.8	95.2	
Public Utilities Board Brownsville	ERCOT	A1	79.8	92.4	93.6	87.4	92.4	100.0	94.5	94.4	86.3	85.3		90.5 M	90.6	9
		A2	96.3	99.2	97.7	96.8	99.2	100.0	97.9	97.9	97.5	97.1		96.7	97.8	
		AVG	88.0	95.8	95.6	92.1	95.8	100.0	96.2	96.1	91.9	91.2		93.6	94.2	

NERC Control Performance Summary - All Interconnections

8/19/97

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	
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97			Aug 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		
		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	97.2	95.8	95.8	100.0	95.8	100.0	100.0	100.0		95.8	100.0	95.8D	97.9	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	98.6	97.9	97.9	100.0	97.9	100.0	100.0	100.0	100.0	97.9	100.0	97.9	98.9	
City of Key West	FRCC	A1	98.6	97.9	98.6	97.9	98.6	86.8	92.4	98.6		98.6	98.6	98.6D	96.8	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	100.0	
		AVG	99.3	99.0	99.3	99.0	99.3	93.4	96.2	99.3	99.3	99.3	99.3	99.3	98.4	
Florida Power & Light Company	FRCC	A1	98.6	97.5	95.8	97.8	97.4	97.1	99.3	98.1		98.9	98.7	98.8D	98.0	5
		A2	98.9	98.3	97.5	98.7	98.3	98.1	99.7	98.9	99.3	99.3	99.4	98.8		
		AVG	98.7	97.9	96.7	98.3	97.9	97.6	99.5	98.5	99.1	99.0	99.1	98.4		
Gainesville Regional Utilities	FRCC	A1	93.8	93.8	99.3	93.1	97.2	98.6	97.2	99.3		98.6	97.2	99.3D	97.0	6
		A2	97.2	100.0	98.6	99.3	98.6	100.0	100.0	99.3	98.6	99.3	98.6	99.1		
		AVG	95.5	96.9	99.0	96.2	97.9	99.3	98.6	99.3	98.6	98.3	99.0	98.0		
City of Homestead	FRCC	A1	96.5	93.8	93.8	96.5	95.1	94.4	95.8	95.8		98.6	94.4	95.1D	95.5	7
		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	98.3	96.9	96.9	98.3	97.6	97.2	97.9	97.9	99.3	97.2	97.6	97.7		
Florida Power Corporation	FRCC	A1	93.1	95.1	97.2	97.2	94.4	92.4	96.5	97.2		93.1	87.9	89.6D	94.0	8
		A2	94.4	97.2	96.5	97.9	99.3	96.5	97.9	98.6	98.6	97.0	97.2	97.4		
		AVG	93.8	96.2	96.9	97.6	96.9	94.4	97.2	97.9	95.8	92.4	93.4	95.7		
City of Tallahassee	FRCC	A1	97.9	73.6	87.5	99.3	98.6	95.8	100.0	90.3		96.5	99.3	96.5D	94.1	9
		A2	99.3	91.4	88.8	100.0	100.0	96.5	99.3	99.3	93.7	99.3	100.0	97.1		
		AVG	98.6	82.5	88.2	99.7	99.3	96.2	99.7	94.8	95.1	99.3	98.3	95.6		

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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
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
Seminole Electric Cooperative	FRCC	A1	96.5	97.9	88.2	93.8	89.6	91.7	100.0	93.1		97.9	99.3	97.9D	95.1	10
		A2	99.3	100.0	91.0	91.7	90.3	91.0	100.0	93.8		97.9	99.3	97.9	95.6	
		AVG	97.9	99.0	89.6	92.7	89.9	91.3	100.0	93.4		97.9	99.3	97.9	95.4	
City of Ft. Pierce	FRCC	A1	100.0	100.0	91.7	91.7	81.9	92.4	93.1	88.2		75.0	95.8	91.7D	91.0	11
		A2	100.0	100.0	98.6	97.9	91.0	99.3	97.2	98.6		100.0	100.0	100.0	98.4	
		AVG	100.0	100.0	95.1	94.8	86.5	95.8	95.1	93.4		87.5	97.9	95.8	94.7	
Florida Municipal Power Pool	FRCC	A1	94.0	92.0	95.3	95.6	95.3	93.6	95.9	94.8		93.1	93.1	93.0M	94.2	12
		A2	94.4	94.2	96.7	96.9	95.7	95.1	96.5	95.5		94.1	92.1	92.9	94.9	
		AVG	94.2	93.1	96.0	96.3	95.5	94.3	96.2	95.2		93.6	92.6	93.0	94.5	
Jacksonville Electric Authority	FRCC	A1	91.5	94.2	92.2	94.3	95.0	91.9	94.9	94.0		94.3	93.7	92.8M	93.5	13
		A2	92.2	94.4	91.9	95.2	95.8	93.3	95.4	94.9		94.8	94.5	94.0	94.2	
		AVG	91.8	94.3	92.0	94.7	95.4	92.6	95.2	94.4		94.5	94.1	93.4	93.9	
City of Lake Worth	FRCC	A1	96.5	91.7	88.2	62.5	84.7	98.6	92.4	86.8		94.4	88.2	83.3D	87.9	14
		A2	100.0	100.0	97.2	97.2	100.0	100.0	100.0	99.3		100.0	99.3	99.3	99.3	
		AVG	98.3	95.8	92.7	79.9	92.4	99.3	96.2	93.1		97.2	93.8	91.3	93.6	
Tampa Electric Company	FRCC	A1	91.0	92.1	88.8	93.4	91.7	95.9	97.5	95.8		95.0	91.5	93.8M	93.3	15
		A2	92.2	92.5	89.1	94.0	92.0	95.2	97.0	95.0		94.6	90.2	92.6	93.1	
		AVG	91.6	92.3	88.9	93.7	91.9	95.6	97.3	95.4		94.8	90.8	93.2	93.2	

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Control Area	Region		% Compliance												Accum	Rank	
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97			
Southern Illinois Power Coop	MAIN	A1	100.0	100.0	100.0	94.4	99.3	100.0	100.0	100.0	100.0	86.8	100.0	91.7	91.0D	96.9	1
		A2	100.0	100.0	100.0	94.4	100.0	100.0	100.0	100.0	100.0	95.8	100.0	91.7	95.8	98.1	
		AVG	100.0	100.0	100.0	94.4	99.7	100.0	100.0	100.0	100.0	91.3	100.0	91.7	93.4	97.5	
Electric Energy, Inc.	MAIN	A1	89.1	93.0	94.8	90.4	92.5	95.5	92.8	91.9	96.0	94.9	91.2	91.5D	92.8	2	
		A2	94.8	94.6	96.7	94.3	95.7	97.7	93.3	96.8	96.8	96.4	94.8	93.5	95.4		
		AVG	92.0	93.8	95.8	92.3	94.1	96.6	93.1	94.3	96.4	95.6	93.0	92.5	94.1		
Union Electric Company	MAIN	A1	96.5			100.0	88.9	97.9	98.6	95.1	97.2	95.8	98.6	96.5D	96.5	3	
		A2	90.9			100.0	77.8	94.4	96.5	79.9	94.4	92.4	92.4	92.4	91.1		
		AVG	93.7			100.0	83.3	96.2	97.6	87.5	95.8	94.1	95.5	94.4	93.8		
City WL&P-Springfield	MAIN	A1	98.6	86.8	79.2	96.5	91.0	97.2	91.7	93.1	94.4	66.0	88.9	99.3D	90.2	4	
		A2	100.0	97.9	96.5	99.3	98.6	100.0	98.6	100.0	99.3	75.0	94.4	100.0	96.6		
		AVG	99.3	92.4	87.8	97.9	94.8	98.6	95.1	96.5	96.9	70.5	91.7	99.7	93.4		
Central Illinois Pub Serv Co	MAIN	A1	93.4	93.7	96.1	94.4	94.5	96.2	97.9	96.4	97.1	96.8	93.5	93.6M	95.3	5	
		A2	87.8	87.9	88.0	87.0	87.4	90.6	94.1	90.8	92.2	91.0	82.8	85.7	88.8		
		AVG	90.6	90.8	92.0	90.7	90.9	93.4	96.0	93.6	94.7	93.9	88.1	89.7	92.0		
Wisconsin Electric Power Company	MAIN	A1	88.1	80.3	90.8	97.9	95.1	95.1	95.7	92.3	97.1	89.1	87.9	95.7D	92.1	6	
		A2	90.9	83.1	89.4	95.8	91.5	93.7	94.2	91.5	92.9	87.6	88.7	95.0	91.2		
		AVG	89.5	81.7	90.1	96.9	93.3	94.4	95.0	91.9	95.0	88.3	88.3	95.4	91.6		
Illinois Power Company	MAIN	A1	98.6	96.5	97.2	91.6	95.8	89.6	96.5	96.5	97.9	93.1	97.9	97.9D	95.8	7	
		A2	93.1	91.7	92.4	79.0	81.9	66.7	75.0	87.5	81.9	85.4	90.3	95.1	85.0		
		AVG	95.8	94.1	94.8	85.3	88.9	78.1	85.8	92.0	89.9	89.2	94.1	96.5	90.4		
Upper Peninsula Power Company	MAIN	A1	44.4	51.4	56.3	66.0	96.5	89.6	96.5	100.0	100.0	98.6	100.0	99.3D	83.2	8	
		A2	80.6	83.3	92.4	92.4	97.9	97.2	100.0	100.0	100.0	100.0	100.0	100.0	95.3		
		AVG	62.5	67.4	74.3	79.2	97.2	93.4	98.3	100.0	100.0	99.3	100.0	99.7	89.3		
Wisconsin Power & Light Company	MAIN	A1	81.3	72.9		100.0	100.0	100.0	77.8	67.4	78.5	89.6	93.8	87.5D	86.2	9	
		A2	84.7	70.1		100.0	100.0	100.0	77.8	66.7	79.2	80.6	96.5	86.1	85.6		
		AVG	83.0	71.5		100.0	100.0	100.0	77.8	67.0	78.8	85.1	95.1	86.8	85.9		

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Control Area	Region		% Compliance												Accum	Rank
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
Wisconsin Public Service Corporation	MAIN	A1	96.5	79.9	81.9	85.4	61.8	66.0	75.7	79.9	91.0	87.5	96.5	99.3D	83.4	10
		A2	95.8	77.1	80.6	80.6	63.9	61.8	77.1	81.3	84.0	84.0	97.2	97.9	81.8	
		AVG	96.2	78.5	81.3	83.0	62.8	63.9	76.4	80.6	87.5	85.8	96.9	98.6	82.6	
Madison Gas & Electric Company	MAIN	A1	37.5	85.4	68.1	73.6	81.3	77.8	51.4	78.5	88.2	69.4	70.1	72.9D	71.2	11
		A2	78.5	91.7	83.3	87.5	85.4	95.8	78.5	87.5	93.1	74.3	81.9	86.1	85.3	
		AVG	58.0	88.5	75.7	80.6	83.3	86.8	64.9	83.0	90.6	71.9	76.0	79.5	78.2	
Central Illinois Light Company	MAIN	A1	69.7	65.4	62.8	57.1	60.8	60.3	64.1	65.7	67.4	66.7	63.4	59.4M	63.6	12
		A2	45.1	43.3	40.9	46.7	45.1	38.1	43.0	43.3	45.0	43.9	46.2	39.1	43.3	
		AVG	57.4	54.4	51.9	51.9	53.0	49.2	53.5	54.5	56.2	55.3	54.8	49.3	53.4	

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Control Area	Region		% Compliance											Accum	Rank			
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97			Aug 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	100.0	100.0	97.9	98.6	100.0	100.0	100.0	100.0	96.5	100.0	96.5	100.0	100.0	100.0	99.1	
		AVG	100.0	100.0	99.0	99.3	100.0	100.0	100.0	100.0	98.3	100.0	98.3	100.0	100.0	100.0	99.6	
Lincoln Electric System	MAPP	A1	99.8	99.8	98.5	98.1	98.5	97.9	98.7	98.7	99.5	99.4	99.1	99.4	99.4	98.9	98.9	2
		A2	100.0	100.0	99.4	99.2	99.6	99.5	99.0	99.3	99.6	99.6	99.7	99.6	99.6	99.5	99.5	
		AVG	99.9	99.9	98.9	98.6	99.0	98.7	98.8	99.0	99.5	99.5	99.4	99.5	99.5	99.2		
Muscatine Power & Water	MAPP	A1	99.3	100.0	85.4	98.6	100.0	97.2	100.0	95.8	98.6	99.3	97.9	100.0	97.7	97.7	97.7	3
		A2	100.0	100.0	86.8	99.3	100.0	97.9	100.0	100.0	99.3	99.3	98.6	100.0	98.4	98.4	98.4	
		AVG	99.7	100.0	86.1	99.0	100.0	97.6	100.0	97.9	99.0	99.3	98.3	100.0	98.1	98.1	98.1	
Otter Tail Power Company	MAPP	A1	94.4	98.1	96.3	97.4	97.9	97.7	97.0	97.2	98.1	97.7	96.4	98.3	97.2	97.2	97.2	4
		A2	95.1	98.4	96.3	97.2	97.9	97.8	97.0	97.5	98.3	97.8	96.1	97.8	97.3	97.3	97.3	
		AVG	94.7	98.3	96.3	97.3	97.9	97.8	97.0	97.3	98.2	97.7	96.2	98.1	97.2	97.2	97.2	
Southern Minnesota Muni. Power	MAPP	A1	94.4	94.4	91.7	86.1	88.9	91.0	93.8	96.5	97.9	95.8	78.5	95.1	92.0	92.0	92.0	5
		A2	100.0	98.6	100.0	100.0	95.8	100.0	99.3	99.3	100.0	100.0	97.9	100.0	99.2	99.2	99.2	
		AVG	97.2	96.5	95.8	93.1	92.4	95.5	96.5	97.9	99.0	97.9	88.2	97.6	95.6	95.6	95.6	
Northern States Power Company	MAPP	A1	100.0	98.6	100.0	98.6	96.5	97.9	87.5	94.4	86.1	88.9	95.8	88.9	94.4	94.4	94.4	6
		A2	97.9	94.4	95.8	95.8	94.4	95.1	81.3	90.3	84.0	86.1	93.1	89.6	91.5	91.5	91.5	
		AVG	99.0	96.5	97.9	97.2	95.5	96.5	84.4	92.4	85.1	87.5	94.4	89.2	93.0	93.0	93.0	
United Power Association	MAPP	A1	89.7	94.3	92.1	91.1	89.5	93.1	92.5	94.3	95.5	94.8	92.5	92.9	92.7	92.7	92.7	7
		A2	88.0	91.5	91.0	89.4	86.9	91.0	91.6	94.1	94.2	92.6	89.9	91.2	90.9	90.9	90.9	
		AVG	88.8	92.9	91.5	90.3	88.2	92.0	92.0	94.2	94.8	93.7	91.2	92.0	91.8	91.8	91.8	
Nebraska Public Power District	MAPP	A1	98.6	98.6	95.7	94.4	93.1	93.1	91.6	94.4	88.9	87.5	88.2	81.9	92.2	92.2	92.2	8
		A2	95.8	96.5	91.4	90.3	83.3	86.1	83.9	94.4	83.3	76.4	77.8	67.4	85.6	85.6	85.6	
		AVG	97.2	97.6	93.5	92.4	88.2	89.6	87.8	94.4	86.1	81.9	83.0	74.7	88.9	88.9	88.9	
Saskatchewan Power Corporation	MAPP	A1	96.5	100.0	97.9	96.5	97.9	100.0	93.1	97.2	95.1	91.0	98.6	99.3	96.9	96.9	96.9	9
		A2	71.5	84.0	86.1	76.4	100.0	88.9	69.4	74.3	72.2	69.4	75.7	73.6	78.5	78.5	78.5	
		AVG	84.0	92.0	92.0	86.5	99.0	94.4	81.3	85.8	83.7	80.2	87.2	86.5	87.7	87.7	87.7	

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Control Area	Region		% Compliance												Accum	Rank
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
IES Utilities	MAPP	A1	94.9	91.8	92.6	91.7	89.9	91.8	89.6	93.6	85.9	82.0	82.4	84.5 D	89.2	10
		A2	90.7	86.6	88.8	86.2	82.4	84.0	82.5	87.8	76.9	64.5	64.5	65.6	80.0	
		AVG	92.8	89.2	90.7	88.9	86.2	87.9	86.1	90.7	81.4	73.3	73.5	75.1	84.6	
Hydro-Quebec	NPCC	A1	100.0	99.9	99.9	99.8	99.9	100.0	100.0	99.8	99.9	99.6	99.8	99.8 M	99.9	1
		A2	99.5	99.5	99.4	99.5	99.6	99.7	99.9	99.1	99.4	98.2	98.8	99.1	99.3	
		AVG	99.7	99.7	99.6	99.6	99.8	99.8	99.9	99.4	99.7	98.9	99.3	99.5	99.6	
Ontario Hydro	NPCC	A1	99.6	99.6	99.7	99.6	99.5	99.8	99.9	99.8	99.8	99.8	99.9	99.8 M	99.7	2
		A2	95.2	95.5	95.0	96.4	96.2	96.5	97.2	97.1	96.7	96.0	96.5	96.9	96.3	
		AVG	97.4	97.5	97.3	98.0	97.8	98.1	98.6	98.4	98.3	97.9	98.2	98.4	98.0	
New England Power Exchange	NPCC	A1	94.4	94.3	94.2	95.5	96.6	95.2	96.3	95.4	96.0	96.3	96.2	92.0 M	95.2	3
		A2	95.2	94.6	94.9	96.1	96.8	95.8	96.3	95.5	96.1	96.2	96.1	93.1	95.5	
		AVG	94.8	94.4	94.5	95.8	96.7	95.5	96.3	95.4	96.1	96.3	96.1	92.5	95.4	
Maritime Area	NPCC	A1	93.9	96.0	95.8	95.0	95.3	94.9	95.6	92.2	92.9	94.9	91.2	91.4 M	94.1	4
		A2	93.7	96.5	93.1	95.2	93.7	94.2	96.4	91.1	87.4	92.1	90.7	90.9	92.9	
		AVG	93.8	96.2	94.5	95.1	94.5	94.5	96.0	91.7	90.2	93.5	91.0	91.1	93.5	

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Control Area	Region		% Compliance												Accum	Rank
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
Carolina Power & Light Co. West	SERC	A1	98.6	98.7	98.6	99.1	99.3		98.5	99.4	99.2	99.1	98.9	98.6 D	98.9	1
		A2	99.2	99.2	99.1	99.1	99.5		98.7	99.4	99.3	98.9	99.0	98.5	99.1	
		AVG	98.9	98.9	98.8	99.1	99.4		98.6	99.4	99.2	99.0	99.0	98.6	99.0	
South Mississippi Electric Power	SERC	A1	97.2	96.5	100.0	97.2	100.0		99.3	91.7	98.6	98.6	98.6	100.0 D	98.0	2
		A2	100.0	99.3	100.0	99.3	100.0		100.0	97.2	100.0	100.0	98.6	100.0	99.5	
		AVG	98.6	97.9	100.0	98.3	100.0		99.7	94.4	99.3	99.3	98.6	100.0	98.7	
SEPA - Russell	SERC	A1	99.3	100.0	98.6	95.1	98.6		97.9	99.3	99.3	94.4	100.0	100.0 D	98.4	3
		A2	93.8	90.3	95.1	95.1	95.1		91.7	96.5	95.8	95.8	100.0	97.2	95.1	
		AVG	96.5	95.1	96.9	95.1	96.9		94.8	97.9	97.6	95.1	100.0	98.6	96.8	
SEPA - Hartwell	SERC	A1	85.4	100.0	97.9	96.5	97.2		97.9	99.3	99.3		69.4	95.8 D	93.9	4
		A2	99.3	99.3	100.0	98.6	99.3		98.6	98.6	100.0	100.0	100.0	100.0	99.4	
		AVG	92.4	99.7	99.0	97.6	98.3		98.3	99.0	99.7		84.7	97.9	96.6	
Duke Power Company	SERC	A1	96.5	96.5	98.6	96.5	90.3		95.1	94.4	96.5	97.2	97.9	97.9 D	96.1	5
		A2	97.9	96.5	97.9	97.9	88.2		99.3	95.1	95.8	97.9	98.6	99.3	96.8	
		AVG	97.2	96.5	98.3	97.2	89.2		97.2	94.8	96.2	97.6	98.3	98.6	96.5	
SEPA - Thurmond	SERC	A1	85.4	97.9	91.7	84.7	91.0		92.4	95.1	98.6		97.9	86.8 D	92.2	6
		A2	99.3	95.8	97.2	95.1	97.9		95.1	95.1	97.2	97.2	98.6	97.2	96.9	
		AVG	92.4	96.9	94.4	89.9	94.4		93.8	95.1	97.9		98.3	92.0	94.5	
Carolina Power & Light Co. East	SERC	A1	94.2	96.0	94.5	94.3	95.7		96.6	96.6	95.4	96.1	93.9	94.7 D	95.3	7
		A2	93.7	95.4	93.3	93.3	93.7		94.6	94.0	93.2	93.1	92.1	93.4	93.6	
		AVG	94.0	95.7	93.9	93.8	94.7		95.6	95.3	94.3	94.6	93.0	94.1	94.5	
Alabama Electric Cooperative	SERC	A1	86.8	93.8	95.1	97.2	91.0		77.8	78.5	97.9	84.0	94.4	91.7 D	89.8	8
		A2	95.1	96.5	99.3	99.3	100.0		96.5	94.4	99.3	93.8	97.9	97.9	97.3	
		AVG	91.0	95.1	97.2	98.3	95.5		87.2	86.5	98.6	88.9	96.2	94.8	93.6	
Southern Company Services	SERC	A1	91.7	84.7	86.8	96.5	95.1		97.9	93.1	84.0	93.8	94.4	88.9 D	91.5	9
		A2	95.1	92.4	92.4	97.9	97.2		98.6	95.1	90.3	97.2	95.8	92.4	94.9	
		AVG	93.4	88.5	89.6	97.2	96.2		98.3	94.1	87.2	95.5	95.1	90.6	93.2	

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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
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
Yadkin, Inc.	SERC	A1	92.4	90.3	96.5		84.0		100.0	100.0	100.0	88.2	73.6	62.5 D	88.8	10
		A2	96.5	91.7	96.5		93.8		98.6	100.0	98.6	94.4	99.3	95.8	96.5	
		AVG	94.4	91.0	96.5		88.9		99.3	100.0	99.3	91.3	86.5	79.2	92.6	
Virginia Power	SERC	A1	90.3	91.7	95.8	95.1	86.1		95.1	95.8	93.8	97.9	93.8	91.7 D	93.4	11
		A2	93.8	93.8	87.5	87.5	84.0		89.4	90.2	88.9	92.4	91.0	91.7	90.0	
		AVG	92.0	92.7	91.7	91.3	85.1		92.3	93.0	91.3	95.1	92.4	91.7	91.7	
Tennessee Valley Authority	SERC	A1	99.3	95.8	86.8	89.6	94.4		95.8	93.8	91.7	94.4	90.3	97.2 D	93.6	12
		A2	92.4	85.4	79.9	80.6	90.3		85.4	88.2	86.1	81.9	75.7	86.8	84.8	
		AVG	95.8	90.6	83.3	85.1	92.4		90.6	91.0	88.9	88.2	83.0	92.0	89.2	
South Carolina Public Service	SERC	A1	91.0	89.6		95.8	94.4		95.8	91.7	95.1	93.1	97.2	100.0 D	94.4	13
		A2	83.3	67.4		66.7	79.2		76.4	68.8	70.1	78.5	64.6	64.6	71.9	
		AVG	87.2	78.5		81.3	86.8		86.1	80.2	82.6	85.8	80.9	82.3	83.2	
South Carolina Electric & Gas Co	SERC	A1	82.6	88.2	72.9	81.9	93.1		97.2	91.0	91.0	83.3	88.2	95.1 D	87.7	14
		A2	73.6	68.1	58.3	64.6	81.3		93.8	81.3	82.6	66.0	71.5	77.1	74.4	
		AVG	78.1	78.1	65.6	73.3	87.2		95.5	86.1	86.8	74.7	79.9	86.1	81.0	

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Control Area	Region		% Compliance												Accum	Rank	
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 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	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	
Southwestern Public Service Co	SPP	A1	100.0	100.0	100.0	97.2	98.6	100.0	100.0	100.0	100.0	98.6	97.9	100.0	99.3	99.3	2
		A2	100.0	100.0	100.0	95.8	100.0	100.0	99.3	100.0	99.3	97.9	100.0	100.0	99.4		
		AVG	100.0	100.0	100.0	96.5	99.3	100.0	99.7	100.0	99.0	97.9	100.0	99.7	99.3		
Central Louisiana Electric Company	SPP	A1	100.0	100.0	100.0	97.2	92.4	99.3	98.6	97.9	99.3	100.0	100.0	99.3	98.7	3	
		A2	100.0	98.6	97.9	94.4	91.0	98.6	97.2	97.9	96.5	98.6	100.0	98.6	97.5		
		AVG	100.0	99.3	99.0	95.8	91.7	99.0	97.9	97.9	97.9	99.3	100.0	99.0	98.1		
Southwestern Power Administration	SPP	A1	97.9	99.3	97.9	99.3	98.6	98.6	99.3	100.0	99.3	99.3	99.3	89.6	98.2	4	
		A2	99.3	100.0	95.1	97.2	97.2	100.0	95.1	99.3	97.2	100.0	97.2	94.4	97.7		
		AVG	98.6	99.7	96.5	98.3	97.9	99.3	97.2	99.7	98.3	99.7	98.3	92.0	97.9		
Westplains Energy	SPP	A1	95.8	95.1	96.5	90.3	99.3	100.0	100.0		100.0	100.0	90.3	95.8	96.7	5	
		A2	97.9	100.0	100.0	95.8	100.0	100.0	100.0		100.0	100.0	93.1	98.6	98.7		
		AVG	96.9	97.6	98.3	93.1	99.7	100.0	100.0		100.0	100.0	91.7	97.2	97.7		
Western Farmers Electric Coop	SPP	A1	96.5	97.9	97.9	97.9	97.2	99.3	95.1	98.6	97.2	99.3	95.8	92.4	97.1	6	
		A2	99.3	95.8	97.9	96.5	98.6	99.3	100.0	100.0	97.9	99.3	97.9	95.1	98.1		
		AVG	97.9	96.9	97.9	97.2	97.9	99.3	97.6	99.3	97.6	99.3	96.9	93.8	97.6		
Central & South West Sevices, Inc.	SPP	A1	98.6	96.8	97.2	96.2	98.4	97.9	97.3	98.5	98.4	98.4	97.1	97.7	97.7	7	
		A2	92.8	89.7	89.9	88.3	94.6	93.3	92.7	96.3	96.5	96.5	94.2	94.2	93.3		
		AVG	95.7	93.3	93.5	92.3	96.5	95.6	95.0	97.4	97.4	97.5	95.7	95.9	95.5		
Grand River Dam Authority	SPP	A1	97.9	98.6	93.1	98.6	99.3	99.3	98.6	97.9	95.8	100.0	98.6	97.2	97.9	8	
		A2	97.2	94.4	81.9	93.1	98.6	95.8	95.1	98.6	79.9	100.0	91.0	85.4	92.6		
		AVG	97.6	96.5	87.5	95.8	99.0	97.6	96.9	98.3	87.8	100.0	94.8	91.3	95.3		
Associated Electric Cooperative	SPP	A1	94.4	95.8	95.1	95.1	95.1	95.8	95.1	95.1	95.1	95.1	95.1	95.1	95.2	9	
		A2	95.1	95.1	95.1	95.1	95.1	95.8	95.1	95.1	95.1	95.1	95.1	95.1	95.2		
		AVG	94.8	95.5	95.1	95.1	95.1	95.8	95.1	95.1	95.1	95.1	95.1	95.1	95.2		

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Control Area	Region		% Compliance												Accum	Rank
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
Cajun Electric Power Cooperative	SPP	A1	95.0	98.1	98.0	97.7	96.8	97.7	98.1	97.4	97.3	96.6	96.5	96.2M	97.1	10
		A2	92.1	93.9	93.3	93.5	90.9	93.2	95.1	94.6	93.4	92.6	92.5	92.0	93.1	
		AVG	93.6	96.0	95.6	95.6	93.8	95.5	96.6	96.0	95.3	94.6	94.5	94.1	95.1	
City of Lafayette	SPP	A1	97.2	84.0	87.5	96.5					93.8	95.1		D	92.4	11
		A2	100.0	94.4	91.7	100.0					97.9	96.5			96.8	
		AVG	98.6	89.2	89.6	98.3					95.8	95.8			94.6	
Sunflower Electric Corp.	SPP	A1	93.8	96.5	95.1	97.2	94.4	96.5	86.1	96.5	82.6	79.9	88.9	81.9D	90.8	12
		A2	100.0	98.6	99.3	97.2	98.6	98.6	98.6	97.9	93.1	97.2	93.1	99.3	97.6	
		AVG	96.9	97.6	97.2	97.2	96.5	97.6	92.4	97.2	87.8	88.5	91.0	90.6	94.2	
Entergy Electric System	SPP	A1	90.4	91.6	96.0	91.9	93.3	95.2	94.3	93.8	94.7	94.1	92.6	91.9M	93.3	13
		A2	93.9	91.7	93.0	96.1	95.4	95.4	71.4	96.8	96.9	96.9	97.2	96.8	93.5	
		AVG	92.1	91.6	94.5	94.0	94.4	95.3	82.9	95.3	95.8	95.5	94.9	94.3	93.4	
Board Of Public Utils.	SPP	A1	81.3	79.9	64.6	85.4	88.9	87.5	85.4	92.4	93.8	96.5	92.4	89.6D	86.5	14
		A2	98.6	96.5	89.6	95.8	98.6	97.9	100.0	99.3	100.0	99.3	99.3	97.9	97.7	
		AVG	89.9	88.2	77.1	90.6	93.8	92.7	92.7	95.8	96.9	97.9	95.8	93.8	92.1	
St.Joseph Light & Power Company	SPP	A1	95.1	98.6	93.8	99.3	100.0	97.2	90.3	85.4	88.2	95.1	94.4	97.2D	94.6	15
		A2	81.9	86.1	77.8	94.4	97.9	85.4	79.2	72.2	75.0	83.3	85.4	89.6	84.0	
		AVG	88.5	92.4	85.8	96.9	99.0	91.3	84.7	78.8	81.6	89.2	89.9	93.4	89.3	
Western Resources	SPP	A1	97.9	83.3	94.4	93.8	100.0	84.7	92.4	78.5	89.6	83.3	79.9	80.6D	88.2	16
		A2	97.9	85.4	93.1	91.0	100.0	91.0	94.4	81.9	87.5	86.1	85.4	80.6	89.5	
		AVG	97.9	84.4	93.8	92.4	100.0	87.8	93.4	80.2	88.5	84.7	82.6	80.6	88.9	
Kansas City Power & Light Company	SPP	A1	95.0	96.6	95.4	96.6	96.2	98.2	97.8	97.1	98.0	94.0	95.7	97.2M	96.5	17
		A2	76.3	76.5	74.6	77.3	75.4	83.1	82.0	89.4	89.8	75.2	75.9	77.9	79.5	
		AVG	85.7	86.5	85.0	86.9	85.8	90.6	89.9	93.2	93.9	84.6	85.8	87.5	88.0	
Missouri Public Service Company	SPP	A1	100.0	68.8	91.0	89.6	66.0	91.0	92.4	64.6	86.1	86.1	84.7	74.3D	82.9	18
		A2	100.0	83.3	98.6	97.2	77.8	88.2	93.8	75.0	95.8	86.1	93.8	88.2	89.8	
		AVG	100.0	76.0	94.8	93.4	71.9	89.6	93.1	69.8	91.0	86.1	89.2	81.3	86.3	

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Control Area	Region		% Compliance												Accum	Rank
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97		
Empire District Electric Company	SPP	A1	84.0	86.1	89.6	84.0	75.0	75.7	68.1	60.4	83.3	79.9	90.3	85.4 D	80.2	19
		A2	97.9	93.1	88.9	82.6	80.6	86.8	77.1	77.1	77.1	82.6	94.4	87.5	85.5	
		AVG	91.0	89.6	89.2	83.3	77.8	81.3	72.6	68.8	80.2	81.3	92.4	86.5	82.8	
Oklahoma Gas & Electric Company	SPP	A1	95.8	93.8	97.2	99.3	75.7		88.2	68.1	80.6	89.6	84.0	88.9 D	87.4	20
		A2	81.3	86.1	85.4	86.8	54.2		77.8	54.2	65.3	79.9	68.1	79.2	74.4	
		AVG	88.5	89.9	91.3	93.1	64.9		83.0	61.1	72.9	84.7	76.0	84.0	80.9	
Salt River Project	WSCC-AZNM	A1	100.0	99.3	99.3	100.0	99.3	99.3	100.0	100.0	97.9	100.0	100.0	100.0 D	99.6	1
		A2	99.3	97.9	98.6	99.3	98.6	99.3	98.6	99.3	96.5	99.3	98.6	94.4	98.3	
		AVG	99.7	98.6	99.0	99.7	99.0	99.3	99.3	99.7	97.2	99.7	99.3	97.2	99.0	
Public Service of New Mexico	WSCC-AZNM	A1	98.6	94.4	96.5	100.0	95.3	97.9	99.3	99.3	95.1	94.4	99.3	95.8 D	97.2	2
		A2	97.2	91.0	93.8	96.5	90.7	96.5	96.5	97.2	94.4	94.4	98.6	93.1	95.0	
		AVG	97.9	92.7	95.1	98.3	93.0	97.2	97.9	98.3	94.8	94.4	99.0	94.4	96.1	
WAPA - Lower Colorado	WSCC-AZNM	A1	98.6	99.3	99.3	97.9	98.6		100.0	96.5	93.8	97.2	99.3	93.1 D	97.6	3
		A2	95.1	95.1	90.3	95.8	96.5		96.5	87.5	79.9	91.7	99.3	77.1	91.4	
		AVG	96.9	97.2	94.8	96.9	97.6		98.3	92.0	86.8	94.4	99.3	85.1	94.5	
Arizona Public Service Company	WSCC-AZNM	A1	92.4	98.6	100.0	100.0	94.4	97.2	94.4	99.3	81.9	90.3	91.7	95.1 D	94.6	4
		A2	84.0	95.1	95.8	99.3	92.4	94.4	92.4	97.2	77.8	86.1	86.8	92.4	91.1	
		AVG	88.2	96.9	97.9	99.7	93.4	95.8	93.4	98.3	79.9	88.2	89.2	93.8	92.9	
Tucson Electric Power Company	WSCC-AZNM	A1	93.1	91.0	87.5	91.0	93.1	95.8	94.4	93.1	91.0	93.8	90.3	86.8 D	91.7	5
		A2	91.0	89.6	86.1	89.6	91.0	94.4	93.1	93.8	90.3	92.4	88.2	83.3	90.2	
		AVG	92.0	90.3	86.8	90.3	92.0	95.1	93.8	93.4	90.6	93.1	89.2	85.1	91.0	
El Paso Electric Company	WSCC-AZNM	A1	95.8	77.1	96.5	89.6	99.3	94.4	100.0	86.8	94.4	96.5	91.0	97.9 D	93.3	6
		A2	95.1	69.4	93.8	77.1	94.4	93.1	100.0	75.0	92.4	88.9	91.0	92.4	88.5	
		AVG	95.5	73.3	95.1	83.3	96.9	93.8	100.0	80.9	93.4	92.7	91.0	95.1	90.9	
Imperial Irrigation District	WSCC-AZNM	A1	72.2	81.9	84.7	86.1	83.3	73.6	84.7	72.9	83.3	72.2	86.1	86.1 D	80.6	7
		A2	86.8	96.5	98.6	95.8	94.4	82.6	99.3	97.2	93.1	88.9	96.5	96.5	93.9	
		AVG	79.5	89.2	91.7	91.0	88.9	78.1	92.0	85.1	88.2	80.6	91.3	91.3	87.2	

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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	
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97			
San Diego Gas & Electric Company	WSCC-CANV	A1	100.0	99.3	97.2	100.0	100.0	100.0	100.0	98.6	98.6	99.3	99.3	97.2 D	99.1	1	
		A2	100.0	100.0	97.9	99.3	100.0	100.0	99.3	100.0	100.0	99.3	100.0	99.3	99.6		
		AVG	100.0	99.7	97.6	99.7	100.0	100.0	99.7	99.3	99.3	99.3	99.3	99.7	98.3		99.4
Southern California Edison Company	WSCC-CANV	A1	98.6	100.0	97.2	98.6	99.3	100.0	98.6	99.3	100.0	100.0	96.5	99.3	100.0 D	99.0	2
		A2	96.5	100.0	97.2	96.5	99.3	100.0	99.3	100.0	100.0	100.0	93.8	100.0	100.0	98.6	
		AVG	97.6	100.0	97.2	97.6	99.3	100.0	99.0	99.7	100.0	100.0	95.1	99.7	100.0	98.8	
Nevada Power Company	WSCC-CANV	A1	97.9	98.6	99.3	97.2	100.0	100.0	100.0	100.0	99.3	97.2	97.2	100.0 D	98.9	3	
		A2	97.9	96.5	96.5	96.5	100.0	100.0	100.0	100.0	98.6	93.8	97.9	100.0	98.1		
		AVG	97.9	97.6	97.9	96.9	100.0	100.0	100.0	100.0	99.0	95.5	97.6	100.0	98.5		
Pacific Gas & Electric Company	WSCC-CANV	A1	97.9	100.0	99.3	91.0	94.4	96.5	98.6	98.6	97.2	98.6	100.0	98.6 D	97.6	4	
		A2	97.2	100.0	99.3	91.0	93.1	92.4	100.0	100.0	98.6	96.5	99.3	99.3	97.2		
		AVG	97.6	100.0	99.3	91.0	93.8	94.4	99.3	99.3	97.9	97.6	99.7	99.0	97.4		
City of Pasadena	WSCC-CANV	A1	87.5	84.0	79.2	95.1		95.8	90.9	85.3	93.1	90.3	95.1	95.1 D	90.1	5	
		A2	98.6	100.0	100.0	100.0		100.0	100.0	100.0	100.0	99.3	100.0	100.0	99.8		
		AVG	93.1	92.0	89.6	97.6		97.9	95.5	92.7	96.5	94.8	97.6	97.6	95.0		
L.A. Dept of Water & Power	WSCC-CANV	A1	96.0	96.6	95.4	95.4	94.6	95.0	94.9	94.1	92.5	92.9	94.2	93.4 D	94.6	6	
		A2	93.7	94.5	91.8	93.2	92.1	91.5	91.6	91.5	88.6	89.3	90.4	88.5	91.4		
		AVG	94.9	95.6	93.6	94.3	93.4	93.2	93.2	92.8	90.5	91.1	92.3	91.0	93.0		
Comision Federal de Electricidad	WSCC-CANV	A1	88.9	89.6	90.3	80.5	87.8	83.4	82.8	86.1	82.8	76.8	79.2	80.3 D	84.0	7	
		A2	45.1	64.6	65.3	58.3	89.0	85.0	84.9	88.4	87.3	83.3	84.7	85.7	76.8		
		AVG	67.0	77.1	77.8	69.4	88.4	84.2	83.8	87.3	85.1	80.0	82.0	83.0	80.4		

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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	
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 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	99.3	100.0	100.0	100.0	99.3	100.0	100.0	100.0	100.0	100.0	99.3	100.0	100.0	99.8	2
		A2	99.3	99.3	98.6	99.3	97.9	98.6	100.0	97.9	99.3	97.9	97.9	100.0	98.8		
		AVG	99.3	99.7	99.3	99.7	98.6	99.3	100.0	99.0	99.7	98.6	99.0	100.0	99.3		
Portland General Electric Company	WSCC-NWPP	A1	100.0	95.1	100.0	100.0	97.2	100.0	99.3	100.0	99.3	100.0	97.9	99.3	99.0	3	
		A2	100.0	92.4	99.3	99.3	94.4	99.3	97.9	97.9	98.6	99.3	98.6	97.2	97.9		
		AVG	100.0	93.8	99.7	99.7	95.8	99.7	98.6	99.0	99.0	99.7	98.3	98.3	98.4		
Puget Sound Energy	WSCC-NWPP	A1	96.5	97.9	99.3	92.4	97.2	94.4	97.9	100.0	100.0	95.8	99.3	100.0	97.6	4	
		A2	98.6	97.9	100.0	96.5	99.3	95.8	97.2	100.0	100.0	97.2	100.0	100.0	98.6		
		AVG	97.6	97.9	99.7	94.4	98.3	95.1	97.6	100.0	100.0	96.5	99.7	100.0	98.1		
Tacoma City Light	WSCC-NWPP	A1	92.4	97.9	97.2	97.2	99.3	99.3	89.6	97.2	97.2	100.0	99.3	100.0	97.2	5	
		A2	95.8	98.6	97.2	97.9	98.6	99.3	93.1	98.6	97.9	100.0	97.9	100.0	97.9		
		AVG	94.1	98.3	97.2	97.6	99.0	99.3	91.3	97.9	97.6	100.0	98.6	100.0	97.6		
Washington Water Power Company	WSCC-NWPP	A1	99.3	98.6	100.0	100.0	100.0	98.6	100.0	99.3	92.4	93.1	100.0	99.3	98.4	6	
		A2	98.6	97.2	99.3	98.6	97.2	95.1	97.9	96.5	91.0	88.9	100.0	97.9	96.5		
		AVG	99.0	97.9	99.7	99.3	98.6	96.9	99.0	97.9	91.7	91.0	100.0	98.6	97.5		
Idaho Power Company	WSCC-NWPP	A1	100.0	99.3	100.0	99.3	100.0	98.6	98.6	98.4	100.0	98.6	98.6	100.0	99.3	7	
		A2	97.9	95.1	91.0	98.6	100.0	92.4	92.4	93.7	91.7	95.8	96.5	99.3	95.4		
		AVG	99.0	97.2	95.5	99.0	100.0	95.5	95.5	96.0	95.8	97.2	97.6	99.7	97.3		
Douglas County PUD #1	WSCC-NWPP	A1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.2	95.8	100.0	100.0	99.4	8	
		A2	100.0	100.0	100.0	99.3	100.0	100.0	99.3	79.9	91.0	87.5	90.3	92.4	95.0		
		AVG	100.0	100.0	100.0	99.7	100.0	100.0	99.7	89.9	94.1	91.7	95.1	96.2	97.2		
Seattle City Light	WSCC-NWPP	A1	98.6	95.1	98.6	98.6	97.9	99.3	98.6	97.9	95.1	93.1	99.3	98.6	97.6	9	
		A2	98.6	95.1	99.3	98.6	100.0	99.3	98.6	98.6	95.8	90.3	92.4	95.1	96.8		
		AVG	98.6	95.1	99.0	98.6	99.0	99.3	98.6	98.3	95.5	91.7	95.8	96.9	97.2		

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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	
			Sep 96	Oct 96	Nov 96	Dec 96	Jan 97	Feb 97	Mar 97	Apr 97	May 97	Jun 97	Jul 97	Aug 97			
Bonneville Power Administration	WSCC-NWPP	A1	100.0	100.0	99.3	100.0	99.3	100.0	99.3	99.3	100.0	97.9	100.0	100.0	D	99.6	10
		A2	98.6	94.4	93.1	94.4	86.8	94.4	97.2	93.1	96.5	89.6	100.0	95.1		94.4	
		AVG	99.3	97.2	96.2	97.2	93.1	97.2	98.3	96.2	98.3	93.8	100.0	97.6		97.0	
TransAlta Utilities Corporation	WSCC-NWPP	A1	100.0	98.6	99.3	100.0	100.0	97.9	98.6	97.9	97.9	96.5	99.3	97.2	D	98.6	11
		A2	99.3	93.1	95.1	95.1	97.2	90.3	95.1	93.1	91.7	90.3	97.2	91.0		94.0	
		AVG	99.7	95.8	97.2	97.6	98.6	94.1	96.9	95.5	94.8	93.4	98.3	94.1		96.3	
Montana Power Company	WSCC-NWPP	A1	100.0	100.0	100.0	99.3	97.2	96.5	100.0	95.8	87.5	94.4	97.9	99.3	D	97.3	12
		A2	99.3	99.3	99.3	97.2	95.8	94.4	100.0	91.0	86.8	89.6	93.8	92.4		94.9	
		AVG	99.7	99.7	99.7	98.3	96.5	95.5	100.0	93.4	87.2	92.0	95.8	95.8		96.1	
Chelan County PUD #1	WSCC-NWPP	A1	100.0	99.3	96.5	94.4	100.0	97.2	91.7	93.1	93.1	89.4	98.6	100.0	D	96.1	13
		A2	100.0	97.2	96.5	92.4	100.0	93.8	89.6	91.0	91.0	83.3	100.0	100.0		94.6	
		AVG	100.0	98.3	96.5	93.4	100.0	95.5	90.6	92.0	92.0	86.4	99.3	100.0		95.3	
PacifiCorp-West	WSCC-NWPP	A1	99.3	98.6	99.3	98.6	100.0	95.1	95.1	93.7	94.4	94.3	97.2	97.2	D	96.9	14
		A2	95.1	93.8	96.5	91.7	90.3	82.6	88.0	86.0	76.4	75.2	84.7	90.8		87.6	
		AVG	97.2	96.2	97.9	95.1	95.1	88.9	91.5	89.9	85.4	84.8	91.0	94.0		92.3	
PacifiCorp-East	WSCC-NWPP	A1	97.2	95.1	100.0	97.9	97.9	97.2	94.4	93.7	100.0	89.8	99.3	82.6	D	95.4	15
		A2	91.7	90.3	90.3	88.2	93.8	87.5	89.6	84.6	95.8	79.7	98.6	72.2		88.5	
		AVG	94.4	92.7	95.1	93.1	95.8	92.4	92.0	89.2	97.9	84.7	99.0	77.4		92.0	
Sierra Pacific Power Company	WSCC-NWPP	A1	95.0	91.6	93.8	89.9	88.9	92.0	94.2	93.9	93.4	93.5	94.7	96.5	D	93.1	16
		A2	91.9	86.8	90.8	87.9	84.0	88.5	90.7	90.3	90.5	88.6	91.1	95.8		89.7	
		AVG	93.4	89.2	92.3	88.9	86.4	90.3	92.4	92.1	91.9	91.0	92.9	96.2		91.4	
WAPA - Colorado Missouri	WSCC-RMPP	A1		100.0	100.0	100.0	95.7		96.4	100.0	98.6	98.6	97.9	100.0	D	98.7	1
		A2		99.3	97.9	98.6	91.4		95.0	98.6	98.6	97.3	98.6	98.6		97.4	
		AVG		99.7	99.0	99.3	93.6		95.7	99.3	98.6	97.9	98.3	99.3		98.1	
Pub Serv Co of Colorado	WSCC-RMPP	A1	95.1	96.1	95.4	92.6	94.9		96.3	95.8	95.1	94.0	91.1	94.5	M	94.6	2
		A2	90.7	92.7	92.0	88.3	88.7		91.3	90.6	90.8	88.4	85.6	88.0		89.7	
		AVG	92.9	94.4	93.7	90.5	91.8		93.8	93.2	93.0	91.2	88.3	91.2		92.2	

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

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 %	
August 1997				
PJM Interconnection	MAAC	158.39	84.4	CPS
ComEd	MAIN	176.8	92.3	CPS
Minnesota Power Company	MAPP	194.33	98.51	CPS
Interstate Power Company	MAPP	168.06	98.77	CPS
Dairyland Power Cooperative	MAPP	233.3	99.17	CPS
Omaha Public Power District	MAPP	182.18	99.17	CPS
WAPA - Upper Great Plains East	MAPP	197.2	99.98	CPS
MidAmerican Energy Company	MAPP	170.54	98.57	CPS
New York Power Pool	NPCC	179.8	84	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	81.7	CPS
ComEd	MAIN	150.9	93.2	CPS
MidAmerican Energy Company	MAPP	160.8	97.9	CPS
Minnesota Power Company	MAPP	187.4	98.4	CPS
WAPA - Upper Great Plains East	MAPP	196.84	99.93	CPS
Dairyland Power Cooperative	MAPP	238.86	98.02	CPS
New York Power Pool	NPCC	170.6	92.4	CPS
Louisiana Energy & Power Authority	SPP	218.7	98.7	CPS
WAPA - Upper Great Plains West	WSCC-RMPP	175.27	99.8	CPS
June 1997				
PJM Interconnection	MAAC	160.47	85.2	CPS
ComEd	MAIN	141.5	94.3	CPS
Minnesota Power Company	MAPP	185.78	98.82	CPS
MidAmerican Energy Company	MAPP	169.69	98.63	CPS
Dairyland Power Cooperative	MAPP	246.22	96.66	CPS
WAPA - Upper Great Plains East	MAPP	196.31	100	CPS
WAPA - Upper Great Plains West	WSCC-RMPP	187.02	96.8	CPS
May 1997				
PJM Interconnection	MAAC	159.8	90	CPS
ComEd	MAIN	129.9	94.6	CPS

NERC Control Performance Summary - Control Areas Reporting CPS

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Control Area	Region	% Compliance		Method
		CPS1 %	CPS2 %	
MidAmerican Energy Company	MAPP	176.62	98.39	CPS
WAPA - Upper Great Plains East	MAPP	196.58	100	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	91.3	CPS
ComEd	MAIN			CPS
MidAmerican Energy Company	MAPP	182.69	99.27	CPS
March 1997				
PJM Interconnection	MAAC	158.6	92.7	CPS
ComEd	MAIN	63.5	75.0	CPS
February 1997				
PJM Interconnection	MAAC	157.96	90.3	CPS
ComEd	MAIN	99.6	84.1	CPS
January 1997				
PJM Interconnection	MAAC	157.94	90	CPS
ComEd	MAIN	95.00	94.80	CPS
December 1996				
PJM Interconnection	MAAC	157.27	88.2	CPS
ComEd	MAIN	72.10	76.10	CPS
November 1996				
PJM Interconnection	MAAC	157.65	88.6	CPS
October 1996				
PJM Interconnection	MAAC	157.41	88.3	CPS

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