



American Electric Power  
Co., Inc.  
SEC Admin. Proceeding  
File No. 3-11616  
AEP Exhibit No. 10

# Point of Concern

**We are 12 years into open wholesale competition and our institutions, operating policies and processes are not keeping up with market activity.**

**The bulk electric network is being used in a manner significantly different than that for which it was planned and constructed.**



# Eastern Interconnection Flows

February 2004

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
					8:00 NW > SW 22 MW	
					11:00 NW > SW 352 MW	
				12:00 SW > NW 830 MW	13:00 NW > SW 423 MW	
			15:00 SW > NW 78 MW	16:00 SW > NW 707 MW		
<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>
	00:00 NW > SW 1375 MW	04:00 NW > SW 1458 MW		01:00 NW > SW 2165 MW		
		19:00 SW > NW 241 MW				



# Tag Display - ERCO\_CRGL1ANY02160\_NYIS

## Tag Information

<b>GCA</b>	<b>PSE</b>	<b>Tag Code</b>	<b>LSA</b>
ERCO	CRGL1A	NY02160	NYIS

## Contact Information

<b>PSE Code</b>	CRGL1A
<b>PSE Contact</b>	Ryan_Foyl
<b>PSE Phone</b>	(952)984-3865
<b>PSE Fax</b>	(952)984-3763
<b>Gen Contact</b>	Transaction Scheduler
<b>Gen Phone</b>	(952)984-3864
<b>Gen Fax</b>	(982)984-3763
<b>Load Contact</b>	Edward Gulbrandsen
<b>Load Phone</b>	(518)356-6246
<b>Load Fax</b>	(518)356-6119
<b>Comment</b>	

Start Date: **02/16/2004 16:00**

Stop Date: **02/16/2004 17:00**

**One Hour  
Time Period**

Time Zone: **CS**

Transaction Type: **Normal**

## Requests

	<b>Req</b>	<b>Type</b>	<b>Time</b>	<b>Status</b>
>>		<b>Current Tag</b>		
	0	Creation	02/16/2004 15:16	PENDING



# Tag Display - ERCO\_CRGL1ANY02160\_NYIS *(cont'd)*

Market Path			
PSE	Product	Contract	Misc(Token/Value)
CRGL1A	G-NF		
CRGL1A			
NYIS	L	5351518	

Physical Path							
CA	TP	PSE	POR	POD	Sched Entities	Contract	Misc(Token/Value)
ERCO		CRGL1A(1)	DCE-CARG				
	ERCO	CRGL1A(1)	ERCOT	ERCOT-E	ERCO		
	SWPP	CRGL1A(2)	ERCOTE	AMRN	SWPP,CSW S,SWPP		
	AMRN	CRGL1A(2)	SWPP	AEP	AMRN		
	AEP	CRGL1A(2)	AMRN	PJM	AEP		
	PJM	CRGL1A(2)	AEP	NYIS	PJM		RAMPRES   WPJM2355
	NYIS	CRGL1A(2)	NYIS	NYIS	NYIS		
NYIS		NYIS	NYIS			5351518	

**Path for One Tag:  
From ERCOT to  
New York ISO**



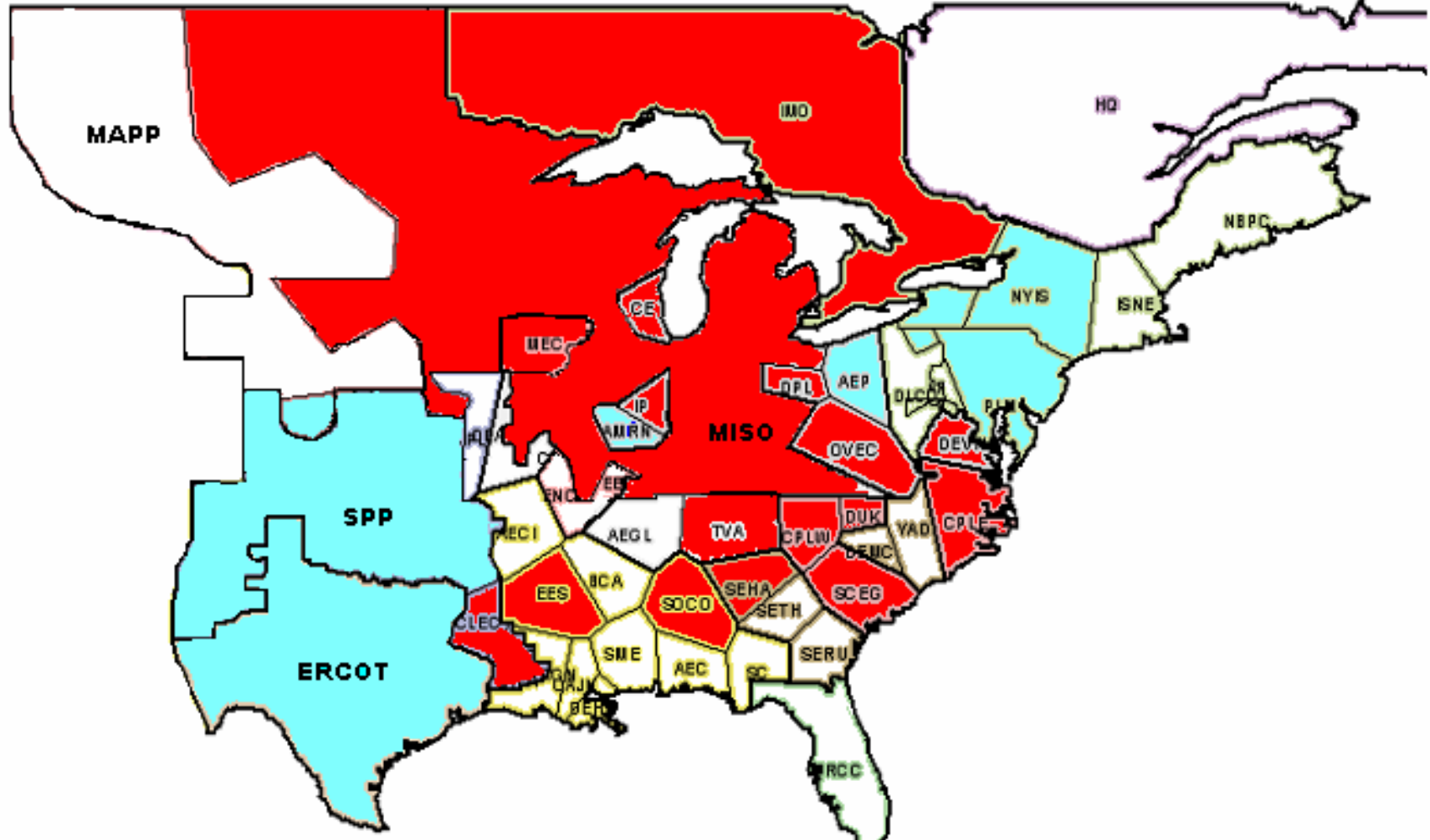
# Tag Display - ERCO\_CRGL1ANY02160\_NYIS (cont'd)

**Multiple Transmission Providers & Fees**

Energy and Transmission Profiles									
MW (out of)									
Date	Start	Stop	Gen	ERCO			SWPP		
			MW	Trans	NA	MW	Trans	647399	MW
02/16/2004	16:00	17:00	150	150	150	150	150	150	145
<b>Display MWH Total:</b>			150	150	150	150	150	150	145
<b>Original Tag MWH Total:</b>			150						

Energy and Transmission Profiles											
MW (out of)											
Date	Start	Stop	AMRN			AEP			PJM		
			Trans	1309287	MW	Trans	367428	MW	Trans	226400	MW
02/16/2004	16:00	17:00	145	145	145	145	145	145	145	145	145
<b>Display MWH Total:</b>			145	145	145	145	145	145	145	145	145

# Impact on Other Transmission Providers



Service Provided

Schedule Impacted Critical Facilities

# Impact on Flowgates NERC Interchange Distribution Calculator

- ❖ **Affected 649 flowgates (critical facilities)**
  - ◆ **Impacted 37 transmission providers**
  - ◆ **336 flowgates experienced increased flows**

