



# FERC Technical Conference

## October 20, 2015

Stu Bresler, PJM  
Craig Glazer, PJM

- For the 2014/15 Delivery Year, replacement capacity transactions averaged 5,821 MW per day across the year. MISO resources were utilized as replacement capacity for the capacity quantities and durations below:

Duration (Days)	Capacity (MW)
31	143.1
45	423.3

- For the 2015/16 Delivery Year, replacement capacity transactions averaged 3,867 MW per day across the year. MISO resources were utilized as replacement capacity for the quantities and durations below:

Duration (Days)	Capacity (MW)
366	5.1
92	26.3
30	7.1



# MISO-to-PJM, Firm Transfer Capability Delivery Year - 2014-2015 on 3/8/14

MISO Source Area	Transmission Value	DY' 2014 / 2015											
		Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15
Alliant Energy	TTC	0	1163	575	0	0	0	1850	0	0	1715	2688	1310
	ETC	0	1163	575	0	0	0	1850	0	0	1715	664	1229
	ATC	0	0	0	0	0	0	0	0	0	0	2024	81
Ameren - Illinois	TTC	902	902	902	902	902	1800	1800	1045	1190	1045	1368	1045
	ETC	902	902	902	902	902	902	902	1045	1045	1045	1045	1045
	ATC	0	0	0	0	0	898	898	0	145	0	323	0
Cinergy	TTC	1045	1953	1590	1382	2670	1832	2935	1307	1491	169	2028	616
	ETC	634	1953	1490	1341	1438	844	269	1307	1307	169	919	616
	ATC	411	0	100	41	1232	988	2666	0	184	0	1109	0
Indianapolis Power & Light	TTC	0	0	0	0	0	0	367	0	0	0	0	0
	ETC	0	0	0	0	0	0	0	0	0	0	0	0
	ATC	0	0	0	0	0	0	367	0	0	0	0	0
MidAmerican Energy Company	TTC	346	346	346	346	346	346	346	346	346	346	346	346
	ETC	346	346	346	346	346	346	346	346	346	346	346	346
	ATC	0	0	0	0	0	0	0	0	0	0	0	0
Michigan Electric Coordinated Systems	TTC	0	0	0	0	0	0	0	0	0	0	0	0
	ETC	0	0	0	0	0	0	0	0	0	0	0	0
	ATC	0	0	0	0	0	0	0	0	0	0	0	0
Northern Indiana Public Service Company	TTC	3000	0	1505	1725	2400	2389	2946	1632	1325	0	1800	1800
	ETC	2952	0	1344	1725	1975	2389	664	1632	1207	0	1200	1150
	ATC	48	0	161	0	425	0	2282	0	118	0	600	650
Wisconsin Energy	TTC	957	0	0	0	0	0	0	0	0	0	1500	108
	ETC	0	0	0	0	0	0	0	0	0	0	0	0
	ATC	957	0	0	0	0	0	0	0	0	0	1500	108



# MISO-to-PJM, Firm Transfer Capability Delivery Year - 2015-2016 on 3/7/15

MISO Source Area	Transmission Value	DY' 2015 / 2016											
		Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16
Alliant Energy	TTC	1685	156	156	1647	1370	3000	2260	3000	3000	2127	3000	3000
	ETC	156	156	156	857	1370	1590	1495	1937	1937	2127	2127	1850
	ATC	1529	0	0	790	0	1410	765	1063	1063	0	873	1150
Ameren - Illinois	TTC	2078	2078	2078	2078	2078	2078	2371	2078	2078	2078	2078	2922
	ETC	2078	2078	2078	2078	2078	2078	2371	2078	2078	2078	2078	2078
	ATC	0	0	0	0	0	0	0	0	0	0	0	844
Cinergy	TTC	469	469	469	469	469	469	2101	469	469	469	469	469
	ETC	469	469	469	469	469	469	469	469	469	469	469	469
	ATC	0	0	0	0	0	0	1632	0	0	0	0	0
Indianapolis Power & Light	TTC	0	0	0	0	0	0	505	0	0	0	0	0
	ETC	0	0	0	0	0	0	0	0	0	0	0	0
	ATC	0	0	0	0	0	0	505	0	0	0	0	0
MidAmerican Energy Company	TTC	346	346	246	246	246	246	246	246	246	246	100	100
	ETC	346	346	246	246	246	246	246	246	246	246	100	100
	ATC	0	0	0	0	0	0	0	0	0	0	0	0
Michigan Electric Coordinated Systems	TTC	2851	2887	2839	906	652	1899	2296	809	2584	80	80	0
	ETC	1267	543	1422	906	652	190	300	522	190	80	80	0
	ATC	1584	2344	1417	0	0	1709	1996	287	2394	0	0	0
Northern Indiana Public Service Company	TTC	2637	575	575	575	575	1007	2067	575	575	575	575	575
	ETC	655	575	575	575	575	1007	575	575	575	575	575	575
	ATC	1982	0	0	0	0	0	1492	0	0	0	0	0
Wisconsin Energy	TTC	1200	1500	1200	610	160	1340	1500	1500	1500	0	1500	1500
	ETC	160	1197	80	160	160	80	80	80	80	0	0	0
	ATC	1040	303	1120	450	0	1260	1420	1420	1420	0	1500	1500



# MISO-to-PJM, Firm Transfer Capability Delivery Year - 2016-2017 as of 10/19/15

MISO Source Area	Transmission Value	DY' 2016 / 2017											
		Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17
Alliant Energy	TTC	156	156	156	156	706	384	276	1448	156	156	1562	156
	ETC	156	156	156	156	706	156	156	1100	156	156	156	156
	ATC	0	0	0	0	0	228	120	348	0	0	1406	--
Ameren - Illinois	TTC	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573
	ETC	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573	2573
	ATC	0	0	0	0	0	0	0	0	0	0	0	--
Cinergy	TTC	864	864	864	864	864	864	864	864	864	864	864	864
	ETC	864	864	864	864	864	864	864	864	864	864	864	864
	ATC	0	0	0	0	0	0	0	0	0	0	0	--
Indianapolis Power & Light	TTC	237	237	237	237	237	237	237	237	237	237	237	237
	ETC	237	237	237	237	237	237	237	237	237	237	237	237
	ATC	0	0	0	0	0	0	0	0	0	0	0	--
MidAmerican Energy Company	TTC	380	380	380	380	380	380	380	280	280	280	280	280
	ETC	380	380	380	380	380	380	380	280	280	280	280	280
	ATC	0	0	0	0	0	0	0	0	0	0	0	--
Michigan Electric Coordinated Systems	TTC	264	264	264	1429	264	314	264	264	264	264	264	264
	ETC	264	264	264	1429	264	314	264	264	264	264	264	264
	ATC	0	0	0	0	0	0	0	0	0	0	0	--
Northern Indiana Public Service Company	TTC	575	575	575	575	575	575	655	575	575	575	575	575
	ETC	575	575	575	575	575	575	655	575	575	575	575	575
	ATC	0	0	0	0	0	0	0	0	0	0	0	--
Wisconsin Energy	TTC	1162	1162	1162	0	825	1046	954	257	1159	0	1096	0
	ETC	1162	1162	1162	0	717	894	863	0	944	0	0	0
	ATC	0	0	0	0	108	152	91	257	215	0	1096	--

- From the RPM Planning Parameters PJM posted as of September 10, 2015:
- Total Transfer Capability from MISO to PJM was: 8,103 MW
- Confirmed Network External Designated service was: 6,488 MW