Appendix – Errata

Section 1: Introduction

Change: On page 2, update Table 1-1 as shown below:

Table 1-1 PJM Market Summary Statistics

	Period
Energy	**Jan - Mar 2013**
Load	197,288 GWh
Generation	202,674 GWh
Imports (+) / Exports (-)	1,098 ~~967~~ GWh
~~Losses~~	~~6,353 GWh~~
~~Losses~~	~~3.2%~~
Peak	**Jan 22, 2013 19:00**
Peak Load	126,632 MW
Load Factor	0.721
Installed Capacity	**As of 3/31/2013**
Installed Capacity	181,896 MW
Ancillary Services	**Jan - Mar 2013**
Regulation Requirement *	828 MW
RTO Primary Reserve Requirement	2,063 MW
Total Billing	**Jan - Mar 2013**
Total Billing	$7.762 Billion

* Daily average

Section 1, Introduction

Change: On page 25, "Loop Flows" paragraph, update the values as shown below:

For the first three months of 2013, net scheduled interchange was ~~1,134~~ 1,076 GWh and net actual interchange was ~~967~~ 1,098 GWh, a difference of ~~167~~ 22 GWh.

Section 2, Energy Market

Change: On pages 75 - 76, update values as shown below:

In the first three months of 2013, average up-to congestion submitted MW increased ~~2.3~~ 47.5 percent and cleared MW ~~decreased~~ increased ~~7.4~~ 26.8 percent, compared to the first three months of 2012.

Change: On page 76, update Table 2-46 as shown below:

Table 2-46 Hourly average of cleared and submitted up-to congestion bids by month: January 2012 through March 2013

Year		Average Cleared MW	Up-to Congestion Average Submitted MW	Average Cleared Volume	Average Submitted Volume
2012	Jan	37,469	102,762	805	1,950
2012	Feb	37,132	106,741	830	2,115
2012	Mar	35,921	105,222	865	2,224
2012	Apr	43,777	120,955	1,013	2,519
2012	May	43,468	119,374	1,052	2,541
2012	Jun	35,052	101,065	915	2,193
2012	Jul	35,179	118,294	981	2,710
2012	Aug	35,515	122,458	986	2,787
2012	Sep	35,199	112,731	946	2,801
2012	Oct	35,365	106,819	990	2,692
2012	Nov	40,499	143,853	1,329	3,934
2012	Dec	45,536	176,660	1,681	5,145
2012	Annual	38,343	119,744	1,033	2,801
2013	Jan	44,844 ~~30,788~~	157,229 ~~103,411~~	883 ~~884~~	4,205 ~~2,844~~
2013	Feb	46,351 ~~34,689~~	144,066 ~~100,086~~	893 ~~996~~	3,862 ~~2,676~~
2013	Mar	48,937 ~~36,881~~	162,958 ~~118,426~~	853 ~~1,040~~	3,740 ~~2,633~~
2013	Annual	46,711 ~~34,119~~	154,751 ~~107,308~~	876 ~~973~~	3,936 ~~2,718~~

Section 5, Demand Response

Change: On page 145, update Table 5-9 as shown below:

Table 5-9 Zonal monthly capacity credits: January through March 2013

Zone	January	February	March	Total
AECO	$411,097	$371,313	$411,097	$1,193,507
AEP	$425,101	$383,962	$425,101	$1,234,163
AP	$185,478	$167,528	$185,478	$538,484
ATSI	$19,859	$17,937	$19,859	$57,654
BGE	$5,430,108	$4,904,613	$5,430,108	$15,764,828
ComEd	$405,926	$366,643	$405,926	$1,178,494
DAY	$63,670	$57,508	$63,670	$184,848
DEOK	$8,185	$7,393	$8,185	$23,762
DLCO	$49,718 ~~$306,929~~	$44,907 ~~$277,226~~	$49,718 ~~$306,929~~	$144,343 ~~$891,084~~
Dominion	$306,929 ~~$1,547,049~~	$277,226 ~~$1,397,335~~	$306,929 ~~$1,547,049~~	$891,084 ~~$4,491,434~~
DPL	$1,547,049 ~~$49,718~~	$1,397,335 ~~$44,907~~	$1,547,049 ~~$49,718~~	$4,491,434 ~~$144,343~~
JCPL	$1,495,628	$1,350,890	$1,495,628	$4,342,145
Met-Ed	$1,044,281	$943,222	$1,044,281	$3,031,784
PECO	$2,660,069	$2,402,643	$2,660,069	$7,722,780
PENELEC	$1,144,857	$1,034,064	$1,144,857	$3,323,777
Pepco	$1,906,591	$1,722,082	$1,906,591	$5,535,263
PPL	$3,247,272	$2,933,020	$3,247,272	$9,427,564
PSEG	$2,354,400	$2,126,555	$2,354,400	$6,835,356
RECO	$14,896	$13,454	$14,896	$43,245
Total	$22,721,111	$20,522,294	$22,721,111	$65,964,516

Section 8, Interchange Transactions

Change: On page 170, "Loop Flows" paragraph, update the values as shown below:

For the first three months of 2013, net scheduled interchange was ~~1,134~~ 1,076 GWh and net actual interchange was ~~967~~ 1,098 GWh, a difference of ~~167~~ 22 GWh.

Change: On page 185, update the values as shown below:

For the first three months of 2013, net scheduled interchange was ~~1,134~~ 1,076 GWh and net actual interchange was ~~967~~ 1,098 GWh, a difference of ~~167~~ 22 GWh.

Change: On page 185, replace the entire Table 8-18 as shown below:

Table 8-18 Net scheduled and actual PJM flows by interface (GWh): January through March, 2013

	Actual	Net Scheduled	Difference (GWh)
CPLE	2,067	(159)	2,226
CPLW	(375)	-	(375)
DUK	229	446	(217)
EKPC	649	(368)	1,017
LGEE	365	856	(491)
MEC	(231)	(1,032)	801
MISO	(3,602)	1,303	(4,906)
ALTE	(1,589)	(723)	(866)
ALTW	(600)	(16)	(583)
AMIL	3,350	517	2,833
CIN	(1,557)	860	(2,417)
CWLP	(92)	0	(92)
IPL	(33)	26	(59)
MECS	(2,757)	944	(3,701)
NIPS	(1,727)	(57)	(1,669)
WEC	1,403	(246)	1,650
NYISO	(3,209)	(3,225)	15
LIND	(407)	(407)	0
NEPT	(756)	(756)	0
NYIS	(2,047)	(2,062)	15
OVEC	3,506	2,097	1,410
TVA	1,700	1,158	542
Total	1,098	1,076	22

Change: On page 186, update the values as shown below:

To accurately calculate the loop flows at the southern region, the net actual flows from the southern region (~~3,738~~ 3,985 GWh of imports at the SouthIMP Interface Pricing Point) are compared with the net scheduled flows at the aggregate southern region (the sum of the net scheduled flows at the SouthIMP and SouthEXP Interface Pricing Points, or ~~3,000~~ 2,946 GWh).

Change: On page 186, replace the entire Table 8-19 as shown below:

Table 8-19 Net scheduled and actual PJM flows by interface pricing point (GWh): January through March, 2013

	Actual	Net Scheduled	Difference (GWh)
IMO	0	1,544	(1,544)
LINDENVFT	(407)	(407)	0
MISO	(2,953)	(2,397)	(556)
NEPTUNE	(756)	(756)	0
NORTHWEST	(231)	(11)	(220)
NYIS	(2,047)	(1,940)	(106)
OVEC	3,506	2,097	1,410
SOUTHIMP	3,985	3,790	196
CPLEIMP	0	0	0
DUKIMP	0	296	(296)
NCMPAIMP	0	119	(119)
SOUTHWEST	0	0	0
SOUTHIMP	3,985	3,374	612
SOUTHEXP	0	(844)	844
CPLEEXP	0	(112)	112
DUKEXP	0	(73)	73
NCMPAEXP	0	(0)	0
SOUTHWEST	0	(13)	13
SOUTHEXP	0	(645)	645
Total	1,098	1,076	22

Change: On page 187, replace the entire Table 8-20 as shown below:

Table 8-20 Net scheduled and actual PJM flows by interface pricing point (GWh) (Adjusted for IMO Scheduled Interfaces): January through March, 2013

	Actual	Net Scheduled	Difference (GWh)
LINDENVFT	(407)	(407)	0
MISO	(2,953)	(837)	(2,116)
NEPTUNE	(756)	(756)	0
NORTHWEST	(231)	(11)	(220)
NYIS	(2,047)	(1,956)	(90)
OVEC	3,506	2,097	1,410
SOUTHIMP	3,985	3,790	196
CPLEIMP	0	0	0
DUKIMP	0	296	(296)
NCMPAIMP	0	119	(119)
SOUTHWEST	0	0	0
SOUTHIMP	3,985	3,374	612
SOUTHEXP	0	(844)	844
CPLEEXP	0	(112)	112
DUKEXP	0	(73)	73
NCMPAEXP	0	(0)	0
SOUTHWEST	0	(13)	13
SOUTHEXP	0	(645)	645
Total	1,098	1,076	22

Change: On page 187, update the value as shown below:

Conversely, the majority of exports from the PJM Energy Market for which a market participant specified Cinergy as the interface with PJM based on the scheduled transmission path had a load control area for which the actual flows would leave the PJM Energy Market at the MISO interface, and thus were assigned the MISO Interface Pricing point (~~258~~ 261 GWh).

Change: On page 188, replace the entire Table 8-21 as shown below:

Table 8-21 Net scheduled and actual PJM flows by interface and interface pricing point (GWh): January through March, 2013

Interface	Interface Pricing Point	Actual	Net Scheduled	Difference (GWh)	Interface	Interface Pricing Point	Actual	Net Scheduled	Difference (GWh)
ALTE		(1,589)	(723)	(866)	IPL		(33)	26	(59)
	MISO	(1,589)	(723)	(867)		IMO	0	232	(232)
	NORTHWEST	0	(1)	1		MISO	(33)	(244)	211
	SOUTHIMP	0	1	(1)		SOUTHIMP	0	39	(39)
ALTW		(600)	(16)	(583)	LGEE		365	856	(491)
	MISO	(600)	(16)	(583)		SOUTHEXP	0	(18)	18
AMIL		3,350	517	2,833		SOUTHIMP	365	874	(509)
	MISO	3,350	521	2,829	LIND		(407)	(407)	0
	SOUTHIMP	0	9	(9)		LINDENVFT	(407)	(407)	0
	SOUTHWEST	0	(13)	13	MEC		(231)	(1,032)	801
CIN		(1,557)	860	(2,417)		MISO	0	(1,379)	1,379
	IMO	0	607	(607)		NORTHWEST	(231)	2	(233)
	MISO	(1,557)	(261)	(1,296)		SOUTHIMP	0	345	(345)
	NORTHWEST	0	(11)	11	MECS		(2,757)	944	(3,701)
	NYIS	0	106	(106)		IMO	0	720	(720)
	SOUTHIMP	0	420	(420)		MISO	(2,757)	(65)	(2,692)
CPLE		2,067	(159)	2,226		SOUTHIMP	0	288	(288)
	CPLEEXP	0	(112)	112	NEPT		(756)	(756)	0
	SOUTHEXP	0	(8)	8		NEPTUNE	(756)	(756)	0
	SOUTHIMP	2,067	(39)	2,106	NIPS		(1,727)	(57)	(1,669)
CPLW		(375)	0	(375)		MISO	(1,727)	(58)	(1,669)
	SOUTHIMP	(375)	0	(375)	NYIS		(2,047)	(2,062)	15
CWLP		(92)	0	(92)		IMO	0	(16)	16
	MISO	(92)	0	(92)		NYIS	(2,047)	(2,046)	(1)
DUK		229	446	(217)	OVEC		3,506	2,097	1,410
	DUKEXP	0	(73)	73		OVEC	3,506	2,097	1,410
	DUKIMP	0	296	(296)	TVA		1,700	1,158	542
	NCMPAIMP	0	119	(119)		NORTHWEST	0	0	0
	SOUTHEXP	0	(53)	53		SOUTHEXP	0	(92)	92
	SOUTHIMP	229	157	72		SOUTHIMP	1,700	1,249	451
EKPC		649	(368)	1,017	WEC		1,403	(246)	1,650
	MISO	649	75	575		MISO	1,403	(246)	1,650
	SOUTHEXP	0	(474)	474	Total		1,098	1,076	22
	SOUTHIMP	0	31	(31)					

Change: On page 189, replace the entire Table 8-22 as shown below:

Table 8-22 Net scheduled and actual PJM flows by interface pricing point and interface (GWh): January through March, 2013

Interface Pricing Point	Interface	Actual	Net Scheduled	Difference (GWh)	Interface Pricing Point	Interface	Actual	Net Scheduled	Difference (GWh)
CPLEEXP		0	(112)	112	NORTHWEST		(231)	(11)	(220)
	CPLE	0	(112)	112		ALTE	0	(1)	1
DUKEXP		0	(73)	73		CIN	0	(11)	11
	DUK	0	(73)	73		MEC	(231)	2	(233)
DUKIMP		0	296	(296)	NYIS		(2,047)	(1,940)	(106)
	DUK	0	296	(296)		CIN	0	106	(106)
IMO		0	1,544	(1,544)		NYIS	(2,047)	(2,046)	(1)
	CIN	0	607	(607)	OVEC		3,506	2,097	1,410
	IPL	0	232	(232)		OVEC	3,506	2,097	1,410
	MECS	0	720	(720)	SOUTHEXP		0	(645)	645
	NYIS	0	(16)	16		CPLE	0	(8)	8
LINDENVFT		(407)	(407)	0		DUK	0	(53)	53
	LIND	(407)	(407)	0		EKPC	0	(474)	474
MISO		(2,953)	(2,397)	(556)		LGEE	0	(18)	18
	ALTE	(1,589)	(723)	(867)		TVA	0	(92)	92
	ALTW	(600)	(16)	(583)	SOUTHIMP		3,985	3,374	612
	AMIL	3,350	521	2,829		ALTE	0	1	(1)
	CIN	(1,557)	(261)	(1,296)		AMIL	0	9	(9)
	CWLP	(92)	0	(92)		CIN	0	420	(420)
	EKPC	649	75	575		CPLE	2,067	(39)	2,106
	IPL	(33)	(244)	211		CPLW	(375)	0	(375)
	MEC	0	(1,379)	1,379		DUK	229	157	72
	MECS	(2,757)	(65)	(2,692)		EKPC	0	31	(31)
	NIPS	(1,727)	(58)	(1,669)		IPL	0	39	(39)
	WEC	1,403	(246)	1,650		LGEE	365	874	(509)
NCMPAIMP		0	119	(119)		MEC	0	345	(345)
	DUK	0	119	(119)		MECS	0	288	(288)
NEPTUNE		(756)	(756)	0		TVA	1,700	1,249	451
	NEPT	(756)	(756)	0	SOUTHWEST		0	(13)	13
						AMIL	0	(13)	13
					Total		1,098	1,076	22