



# RPM Auction Results 2012/2013 BRA

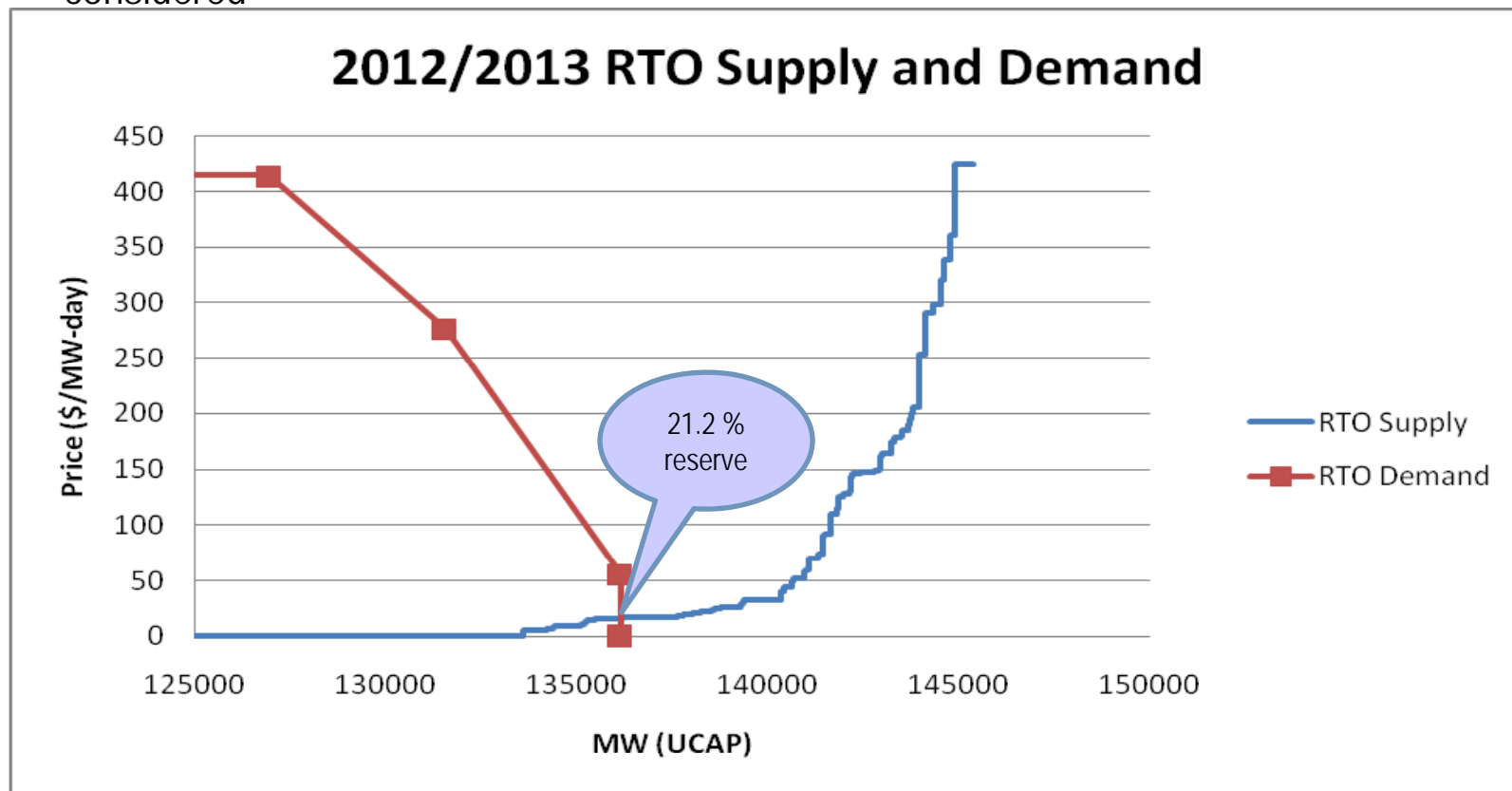
July 1, 2009

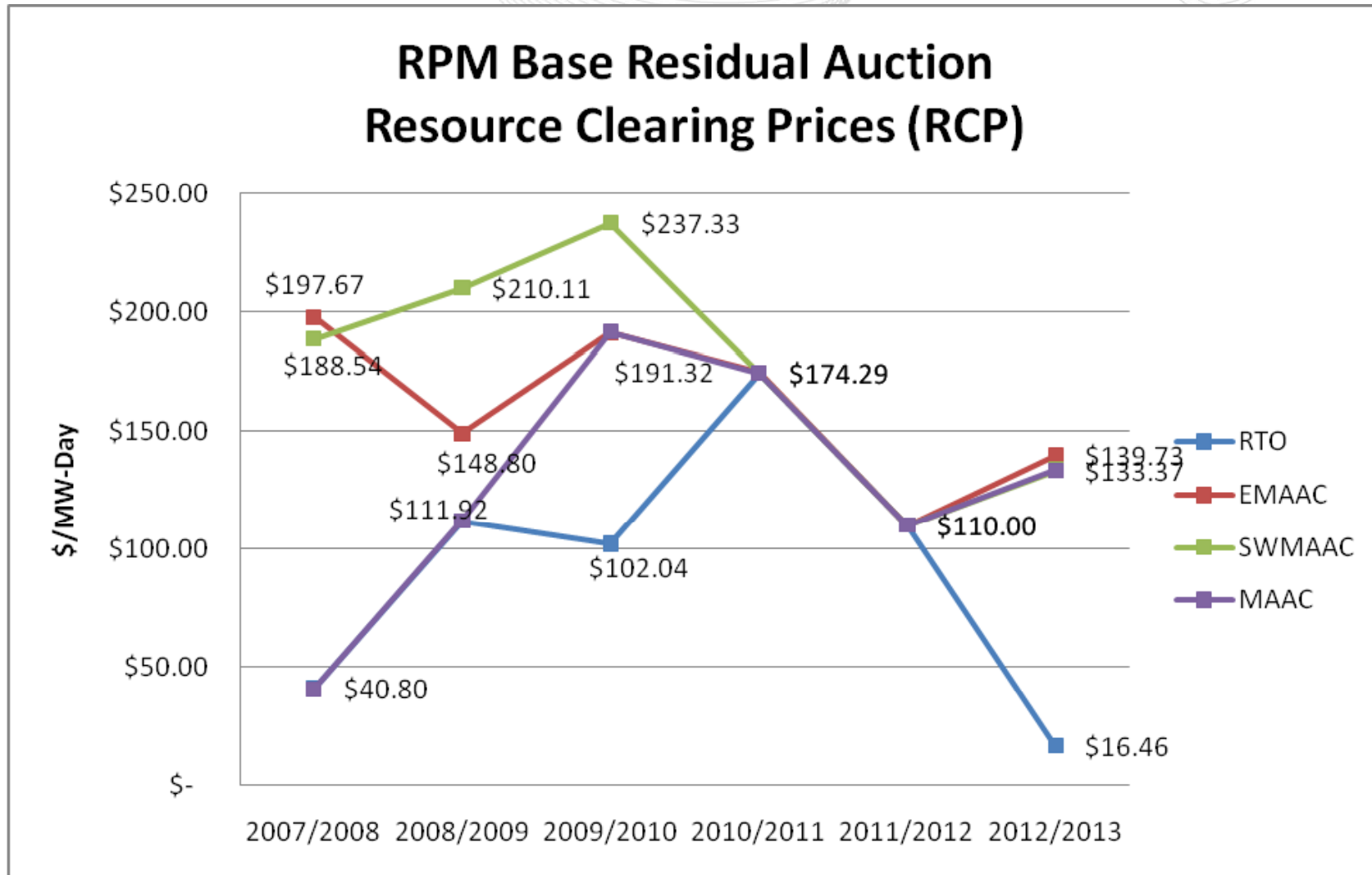
MADRI

Philadelphia, PA

- Changes that impacted the Demand Curve:
  - Load in the Duquesne Zone was included in the RTO Demand Curve
  - Cost of New Entry (CONE) updated per the March 26, 2009 FERC Order
  - ILR Forecast was replaced with Short Term Resource Procurement value (2.5% of RTO Reliability Requirement removed from Demand Curve, 3343 MW)
  - LDAs modeled: LDA with CETL < 115% CETO; LDA that was binding three immediately preceding BRAs; EMAAC, SWMAAC, and MAAC in all BRAs.
- Changes that impacted the Supply Curve:
  - ILR Program discontinued – several thousand MW of interruptible load offered into the auction as Demand Response resources.
  - Energy Efficiency and Planned External Generation were permitted to offer as Capacity Resources
  - Generation sell offer changes: removal of EFORD Risk Segment and change to the maximum sell offer EFORD that may be offered
  - Existing Generation Resources planning large capital expenditures could elected New Entry Pricing Adjustment Option
  - ACR default values (default offer caps) were adjusted to reflect 2012/2013 values.

- 136143.5 MW of cleared capacity in the RTO
- RTO Resource Clearing Price = \$16.46
- Reserve Margin = 21.2% at intersection of supply/demand curves, or 20.9% if FRR load is considered







## LDA-Level Results

- LDAs modeled: MAAC, EMAAC, SWMAAC, PS, PS-North, DPL-South
- MAAC, EMAAC, PS-North, and DPL-South were binding LDAs

Auction Results	RTO	MAAC	EMAAC	SWMAAC	PSEG	PS-NORTH	DPL-SOUTH
Offered MW (UCAP)	145,373.3	68,282.5	32,982.5	12,395.8	7,431.4	3,745.3	1,498.9
Cleared MW (UCAP)	136,143.5	65,452.3	31,080.2	11,594.5	7,194.0	3,521.9	1,241.5
Resource Clearing Price	\$ 16.46	\$ 133.37	\$ 139.73	\$ 133.37	\$ 139.73	\$ 185.00	\$ 222.30
Locational Price Adder*	\$ -	\$ 116.91	\$ 6.36	\$ -	\$ -	\$ 45.27	\$ 82.57

\*Locational Price adder is with respect to the immediate parent LDA

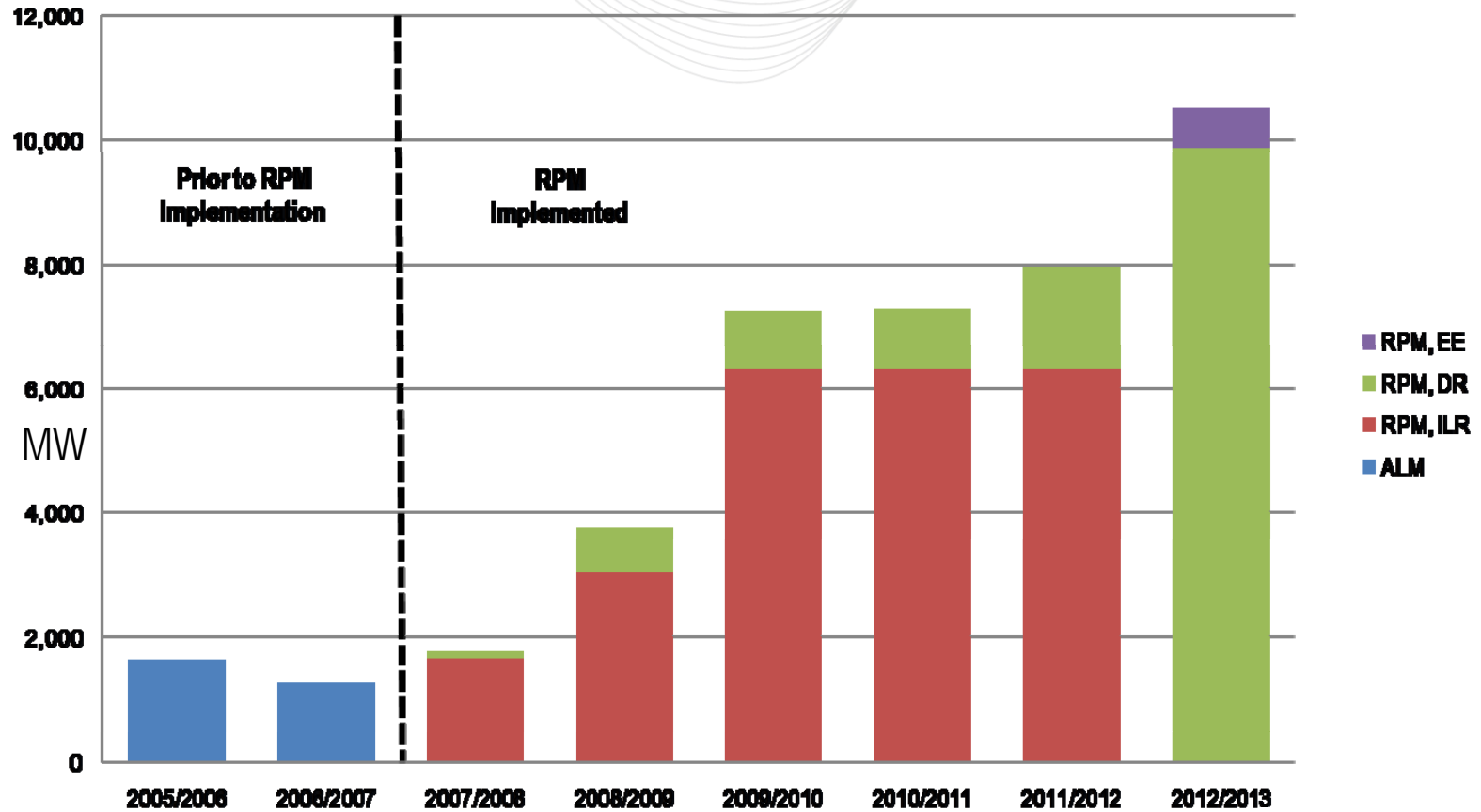


# Demand Side Response Participation

- DR participation in the auction increased by >8000 MW over the 2011/2012 participation level
- Elimination of the ILR option was the major contributing factor to this increase
- ILR registered for 2009/2010 that was offered into the auction was subject to a \$0 offer cap
- 652.7 MW of Energy Efficiency was offered, with 568.9 MW clearing in the auction.

Zone	Offered MW*			Cleared MW*		
	Demand	EE	Total	Demand	EE	Total
AECO	78.9	1.9	80.8	75.1	1.2	76.3
AEP	1352.7	2.6	1355.3	710.8	0	710.8
APS	582.4	0	582.4	272.9	0	272.9
BGE	1370.6	105.8	1476.4	1312.9	103.2	1416.1
COMED	1049	386.4	1435.4	658	386.4	1044.4
DAY	405.6	0	405.6	112.3	0	112.3
DOM	1237.9	76.6	1314.5	494.7	2.4	497.1
DPL	289.6	12.7	302.3	283	12.2	295.2
DUQ	190.8	0.2	191	74.8	0.2	75
JCPL	362.7	2.8	365.5	321.9	1.8	323.7
METED	267.2	0	267.2	252	0	252
PECO	581.2	2.9	584.1	496.4	1.9	498.3
PENELEC	286.1	0.2	286.3	276.3	0.2	276.5
PEPCO	485.1	56.5	541.6	460.8	56.5	517.3
PPL	832.9	0	832.9	783.3	0	783.3
PSEG	472.9	4.1	477	460.1	2.9	463
RECO	2	0	2	2	0	2
<b>Total</b>	<b>9847.6</b>	<b>652.7</b>	<b>10500.3</b>	<b>7047.3</b>	<b>568.9</b>	<b>7616.2</b>

\*All MW Values are in UCAP Terms



ILR certified in 2009/2010 assumed to be the same for 2010/2011 and 2011/2012.

- All suppliers in EMAAC but not in the PS-North or DPL-South LDAs passed the Market Structure Test and their existing resources in these locations were not subject to offer mitigation
- All other suppliers failed the Market Structure Test resulting in mitigation of existing resources to unit-specific or default Avoidable Cost Rate values





## Zonal Results

- Preliminary Net Load Price equals Preliminary Zonal Capacity Price less CTR Credits (in \$/MW-Day)
- Prices will be adjusted after each Incremental Auction held for this Delivery Year

Zone	Preliminary Zonal Capacity Price [\$/MW-day]	Preliminary Net Load Price [\$/MW-Day]
AE	\$139.82	\$135.18
AEP	\$16.46	\$16.46
APS	\$16.46	\$16.46
BGE	\$133.46	\$129.63
COMED	\$16.46	\$16.46
DAYTON	\$16.46	\$16.46
DOM	\$16.46	\$16.46
DPL	\$169.63	\$162.99
DLCO	\$16.46	\$16.46
JCPL	\$139.82	\$135.18
METED	\$133.46	\$129.63
PECO	\$139.82	\$135.18
PENLC	\$133.46	\$129.63
PEPCO	\$133.46	\$129.63
PL	\$133.46	\$129.63
PS	\$162.87	\$149.65
RECO	\$139.82	\$135.18