

**Configuration of 3rd IA for 2016/2017 Delivery Year**

1/29/2016

**PJM Buy Bids & Sell Offers**

These parameters do not reflect the release of new capacity procured in the 16/17 CP Transition Auction. A second set of parameters that do release this new capacity are also posted. The release of this capacity is pending FERC review with FERC determination expected by 2/15/16.

Location	Change in Reliability Requirement (MW)	Short-Term Resource Procurement Target Applicable Share (MW)	Uncleared PJM Buy Bids from Prior IA	Additional Buy Bids *	Excess Procured in Transitional Auction not Released **	PJM Buy Bid (MW) ***	Capacity Type	Price Points for PJM Buy Bids and PJM Sell Offers ****							
								Point 1 x-axis (MW)	Point 1 y-axis (\$/MW-Day)	Point 2 x-axis (MW)	Point 2 y-axis (\$/MW-Day)	Point 3 x-axis (MW)	Point 3 y-axis (\$/MW-Day)	Point 4 x-axis (MW)	Point 4 y-axis (\$/MW-Day)
RTO (Rest of)	-1,066.3	1,275.7	0.0	0.0	0.0	209.4	Limited	0.0	\$0.00	209.4	\$0.00	--	--	--	--
MAAC (Rest of)	-1,078.1	223.9	0.0	0.0	0.0	-854.2	Annual	0.0	\$0.00	804.2	\$0.00	804.2	\$55.51	854.2	\$60.33
EMAAC (Rest of)	-527.9	331.3	0.0	0.0	0.0	-196.5	Annual	0.0	\$0.00	196.5	\$0.00	--	--	--	--
SWMAAC (Rest of)	-42.9	119.2	0.0	0.0	0.0	76.3	Limited	0.0	\$125.49	76.3	\$94.82	--	--	--	--
PS (Rest of)	-174.9	89.3	-195.4	8.6	0.0	-272.4	Annual	0.0	\$0.00	7.9	\$0.00	7.9	\$66.14	272.4	\$232.60
PS NORTH	-44.5	84.1	0.0	3.2	0.0	42.8	Limited	0.0	\$262.03	42.8	\$210.37	--	--	--	--
DPL SOUTH	-71.5	39.9	-16.7	0.0	0.0	-48.4	Annual	0.0	\$0.00	33.8	\$0.00	33.8	\$66.14	48.4	\$103.50
PEPCO	-85.5	111.2	-41.9	0.0	0.0	-16.2	Annual	0.0	\$86.53	16.2	\$99.15	--	--	--	--
ATSI (Rest of)	38.5	142.8	0.0	0.0	0.0	181.3	Limited	0.0	\$88.81	29.9	\$72.70	29.9	\$0.00	181.3	\$0.00
ATSI-CLEVELAND	-239.9	74.6	0.0	0.0	0.0	-165.3	Annual	0.0	\$0.00	160.3	\$0.00	160.3	\$72.70	165.3	\$79.81
<b>TOTAL</b>	<b>-3,292.9</b>	<b>2,491.9</b>	<b>-254.0</b>	<b>11.8</b>	<b>0.0</b>	<b>-1,043.2</b>									

\* Additional Buy Bids to account for Non-Viable DR commitments related to DR Operational Resource Flexibility Transition Provision & DR Legacy Direct Load Control Transition Provision.

\*\* Excess new capacity procured in 2016/2017 CP Transition Auction is not released. Filed for FERC approval to release (Docket ER16-532-000). Order expected by 2/15/16.

\*\*\* A PJM Sell Offer is indicated by a negative PJM Buy Bid.

\*\*\*\* The price of a PJM buy bid is based on the Updated VRR Curve Increment which is the portion of the Updated VRR Curve remaining beyond the point representing all capacity already procured in prior auctions for the Delivery Year. The price of a PJM Sell Offer is based on the Updated VRR Curve Decrement which is the portion of the Updated VRR Curve to the left of the point representing all capacity already procured in prior auctions for the Delivery Year.



**2016-2017 3rd IA Configuration**

	LDA									
	RTO	MAAC	EMAAC	SWMAAC	PS	PS NORTH	DPL SOUTH	PEPCO	ATSI	ATSI-C
2nd IA Reliability Requirement	158,494.4	68,994.3	38,033.8	16,204.8	12,453.8	6,422.4	3,081.1	8,374.5	15,902.8	6,190.2
3rd IA Reliability Requirement with EE Addbacks	155,201.5	66,969.0	37,215.0	16,076.4	12,234.4	6,377.9	3,009.6	8,289.0	15,701.4	5,950.3
Change in Reliability Requirement *	-3,292.9	-2,025.3	-818.8	-128.4	-219.4	-44.5	-71.5	-85.5	-201.4	-239.9
Short-Term Resource Procurement Target Applicable Share	2,491.9	998.8	544.5	230.4	173.3	84.1	39.9	111.2	217.4	74.6
Change in CETL	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capacity Import Limit Margin after 2nd IA *	NA	0.0	582.1	3,409.5	0.0	0.0	453.0	3,635.9	0.0	1,447.7

\* Capacity Import Limit Margin indicates the capacity import capability remaining into the LDA.





**2016-2017 RPM 1st IA Planning Parameters**

	<b>RTO</b>	<b>Notes:</b>									
Installed Reserve Margin (IRM)	15.7%	1. Load data: from 2014 Load Report.									
Pool-Wide Average EFORd	5.64%	2. Adjustments were made in the Zonal Peak Load Forecast of AEP, DEOK, and EKPC to account for EKPC integration.									
Forecast Pool Requirement (FPR)	1.0917										
Demand Resource (DR) Factor	0.953										
Preliminary Forecast Peak Load	162,749.7										
Short-Term Resource Procurement Target	0.8*BRA STRPT										
		<b>LOCATIONAL DELIVERABILITY AREA (LDA)</b>									
	<b>RTO</b>	<b>MAAC</b>	<b>EMAAC</b>	<b>SWMAAC</b>	<b>PS</b>	<b>PS NORTH</b>	<b>DPL SOUTH</b>	<b>PEPCO</b>	<b>ATSI</b>	<b>ATSI-Cleveland</b>	
CETO	NA	6,840.0	8,260.0	5,250.0	6,180.0	2,450.0	1,430.0	3,270.0	5,850.0	3,360.0	
CETL	NA	6,495.0	8,916.0	8,786.0	6,581.0	2,936.0	1,901.0	6,846.0	7,881.0	5,245.0	
Reliability Requirement	177,673.8	70,854.0	39,070.0	16,785.0	12,709.0	6,438.0	3,196.0	8,732.0	16,019.0	6,265.0	
Total Peak Load of FRR Entities	12,841.4	0	0	0	0	0	0	0	0	0	
Preliminary FRR Obligation	14,019.0	0	0	0	0	0	0	0	0	0	
<b>Reliability Requirement adjusted for FRR</b>	<b>163,654.8</b>	<b>70,854.0</b>	<b>39,070.0</b>	<b>16,785.0</b>	<b>12,709.0</b>	<b>6,438.0</b>	<b>3,196.0</b>	<b>8,732.0</b>	<b>16,019.0</b>	<b>6,265.0</b>	
Short-Term Resource Procurement Target	3,322.6	1,331.8	726.1	307.2	231.1	112.1	53.2	148.3	289.9	99.5	
<b>Net CONE, \$/MW-Day (UCAP Price)</b>	<b>\$330.35</b>	<b>\$276.75</b>	<b>\$329.77</b>	<b>\$276.75</b>	<b>\$329.77</b>	<b>\$329.77</b>	<b>\$329.77</b>	<b>\$276.75</b>	<b>\$362.45</b>	<b>\$362.45</b>	
<b>Variable Resource Requirement Curve:</b>											
Point (a) UCAP Price, \$/MW-Day	\$495.53	\$415.13	\$494.65	\$415.13	\$494.65	\$494.65	\$494.65	\$415.13	\$543.67	\$543.67	
Point (b) UCAP Price, \$/MW-Day	\$330.35	\$276.75	\$329.77	\$276.75	\$329.77	\$329.77	\$329.77	\$276.75	\$362.45	\$362.45	
Point (c) UCAP Price, \$/MW-Day	\$66.07	\$55.35	\$65.95	\$55.35	\$65.95	\$65.95	\$65.95	\$55.35	\$72.49	\$72.49	
Point (a) UCAP Level, MW	156,088.8	67,685.0	37,330.9	16,042.6	12,148.3	6,159.0	3,060.0	8,357.3	15,313.8	6,003.1	
Point (b) UCAP Level, MW	161,746.7	70,134.6	38,681.6	16,622.9	12,587.7	6,381.5	3,170.4	8,659.2	15,867.6	6,219.7	
Point (c) UCAP Level, MW	167,404.6	72,584.2	40,032.4	17,203.2	13,027.1	6,604.1	3,280.9	8,961.1	16,421.4	6,436.3	
Customer-Funded ICTRs Awarded	NA	159.0	NA	444.0	NA	NA	37.0	191.0	NA	NA	
Min Ext Summer Resource Req'ment, MW	156,324.5	61,796.6	28,005.1	6,975.5	5,369.4	3,134.1	1,147.8	1,432.6	7,434.0	778.4	
Min Annual Resource Req'ment, MW	146,654.8	57,046.8	24,048.3	5,721.3	3,863.1	2,545.4	960.7	421.1	5,768.7	0.0	
<b>FRR Load Requirements:</b>											
Min % Internal Resource Req'ment	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Min % Ext Summer Resource Req'ment	95.5%	94.2%	78.2%	46.1%	47.2%	56.8%	43.9%	19.6%	52.3%	16.0%	
Min % Annual Resource Req'ment	89.6%	87.0%	67.2%	37.8%	34.0%	46.2%	36.7%	5.8%	40.6%	0.0%	

2016-2017 RPM Base Residual Auction Planning Parameters				4/30/2013	734653-v6					
Updated on 4/30/2013										
	<b>RTO</b>	Notes:								
Installed Reserve Margin (IRM)	15.6%	1. Load data: from 2013 Load Report.								
Pool-Wide Average EFORd	5.69%	2. Adjustments were made in the Zonal Peak Load Forecast of AEP, DEOK, and EKPC to account for EKPC integration.								
Forecast Pool Requirement (FPR)	1.0902	3. See "Net CONE" worksheet for Net CONE calculations.								
Demand Resource (DR) Factor	0.955	Planning Parameters were updated on 4/16/2013 to reflect: (1) FRR Elections for which FRR Obligations were satisfied by the 4/13/2013 deadline; (2) increased CETL for SWMAAC, PEPSCO and DPL SOUTH LDAs associated with customer-funded upgrades for which ICTR certifications were made by the 3/29/2013 deadline; and (3) 13 MW decrease in EKPC forecast load due to correction of historical load data used in original EKPC load forecast.								
Preliminary Forecast Peak Load	165,412.0									
Short-Term Resource Procurement Target	2.5%									
Pre-Clearing BRA Credit Rate, \$/MW	\$36,193.04	Limited DR Reliability Targets revised based on FERC approved alternate methodology (Filing 20121130-er13-486-000).								
<b>LOCATIONAL DELIVERABILITY AREA (LDA)</b>										
	<b>RTO</b>	<b>MAAC</b>	<b>EMAAC</b>	<b>SWMAAC</b>	<b>PS</b>	<b>PS NORTH</b>	<b>DPL SOUTH</b>	<b>PEPCO</b>	<b>ATSI</b>	<b>ATSI-Cleveland</b>
CETO	NA	5,220.0	6,140.0	5,840.0	6,450.0	2,450.0	1,580.0	2,730.0	5,390.0	3,800.0
CETL	NA	6,495.0	8,916.0	8,786.0	6,581.0	2,936.0	1,901.0	6,846.0	7,881.0	5,245.0
Reliability Requirement	180,332.2	72,299.0	39,694.0	17,316.0	12,870.0	6,440.0	3,160.0	9,012.0	16,255.0	6,164.0
Total Peak Load of FRR Entities	13,029.4	0	0	0	0	0	0	0	0	0
Preliminary FRR Obligation	14,204.7	0	0	0	0	0	0	0	0	0
<b>Reliability Requirement adjusted for FRR</b>	<b>166,127.5</b>	<b>72,299.0</b>	<b>39,694.0</b>	<b>17,316.0</b>	<b>12,870.0</b>	<b>6,440.0</b>	<b>3,160.0</b>	<b>9,012.0</b>	<b>16,255.0</b>	<b>6,164.0</b>
Short-Term Resource Procurement Target	4,153.2	1,664.7	907.6	384.0	288.9	140.1	66.5	185.3	362.4	124.3
<b>Net CONE, \$/MW-Day (UCAP Price)</b>	<b>\$330.53</b>	<b>\$276.90</b>	<b>\$329.94</b>	<b>\$276.90</b>	<b>\$329.94</b>	<b>\$329.94</b>	<b>\$329.94</b>	<b>\$276.90</b>	<b>\$362.64</b>	<b>\$362.64</b>
<b>Variable Resource Requirement Curve:</b>										
Point (a) UCAP Price, \$/MW-Day	\$495.80	\$415.35	\$494.91	\$415.35	\$494.91	\$494.91	\$494.91	\$415.35	\$543.96	\$543.96
Point (b) UCAP Price, \$/MW-Day	\$330.53	\$276.90	\$329.94	\$276.90	\$329.94	\$329.94	\$329.94	\$276.90	\$362.64	\$362.64
Point (c) UCAP Price, \$/MW-Day	\$66.11	\$55.38	\$65.99	\$55.38	\$65.99	\$65.99	\$65.99	\$55.38	\$72.53	\$72.53
Point (a) UCAP Level, MW	157,663.0	68,758.0	37,756.3	16,482.7	12,247.1	6,132.8	3,011.5	8,592.8	15,470.8	5,879.7
Point (b) UCAP Level, MW	163,411.4	71,259.7	39,129.8	17,081.8	12,692.4	6,355.6	3,120.9	8,904.6	16,033.3	6,093.0
Point (c) UCAP Level, MW	169,159.7	73,761.4	40,503.3	17,681.0	13,137.8	6,578.4	3,230.2	9,216.5	16,595.7	6,306.3
Customer-Funded ICTRs Awarded	NA	159.0	NA	444.0	NA	NA	37.0	191.0	NA	NA
Min Ext Summer Resource Req'ment, MW	158,512.2	62,179.2	28,559.2	7,503.3	5,483.4	3,113.3	1,114.3	1,712.9	7,668.1	676.8
Min Annual Resource Req'ment, MW	149,469.1	58,109.3	24,606.9	6,183.2	4,214.2	2,503.1	903.5	750.0	6,200.8	0.0
<b>FRR Load Requirements:</b>										
Min % Internal Resource Req'ment	NA	98.8%	84.8%	55.5%	54.4%	62.5%	47.4%	29.2%	57.8%	18.5%
Min % Ext Summer Resource Req'ment	95.0%	86.0%	71.9%	43.3%	42.6%	48.3%	35.3%	19.0%	47.2%	11.0%
Min % Annual Resource Req'ment	89.1%	80.4%	62.0%	35.7%	32.7%	38.9%	28.6%	8.3%	38.1%	0.0%
<b>LDA CETO/CETL Data; Zonal Peak Loads, Base Zonal FRR Scaling Factors, and Zonal Short-Term Resource Procurement Target.</b>										
* (Asterisk) - LDA has adequate internal resources to meet the reliability criterion.										
ATSI, DPL and PS Zonal peak loads and Short-Term Resource Procurement Targets include the corresponding sub-zonal values.										
<b>LDA/Zone</b>	<b>CETO</b>	<b>CETL (Changes shown in red)</b>	<b>CETL to CETO Ratio</b>	<b>2012 Zonal W/N Coincident Peak Loads</b>	<b>Preliminary Zonal Peak Load Forecast</b>	<b>Base Zonal FRR Scaling Factor</b>	<b>Short-Term Resource Procurement Target</b>	<b>FRR Portion of the Preliminary Peak Load Forecast</b>	<b>Zonal Peak Load Forecast less FRR load**</b>	
RTO	NA	NA	NA	154,501.8	165,412.0	NA	4,153.2	13,029.4	152,382.6	
AE	1,030	> 1185	> 115%	2,600.0	2,782.0	1.07000	75.8	0	2,782.0	
AEP	2,110	> 2427	> 115%	22,663.9	24,007.6	1.05929	324.5	12,102.3	11,905.3	
APS	1,970	> 2266	> 115%	8,210.0	8,786.0	1.07016	239.5	0	8,786.0	
ATSI	5,390	7,881	146%	12,660.0	13,295.0	1.05016	362.4	0	13,295.0	
ATSI-CLEVELAND	3,800	5,245	138%	NA	4,562.3	NA	124.3	0	4,562.3	
BGE	5,130	> 5900	> 115%	6,870.0	7,288.0	1.06084	198.6	0	7,288.0	
COMED	1,330	> 1530	> 115%	21,650.0	23,504.0	1.08564	640.6	0	23,504.0	
DAYTON	960	> 1104	> 115%	3,230.0	3,556.0	1.10093	96.9	0	3,556.0	
DEOK	3,800	> 4370	> 115%	5,246.5	5,572.2	1.06208	127.5	894.4	4,677.8	
DLCO	1,350	> 1553	> 115%	2,800.0	2,996.0	1.07000	81.7	0	2,996.0	
DOM	-70	*	*	18,570.0	20,415.0	1.09935	556.4	0	20,415.0	
DPL	1,000	> 1150	> 115%	3,950.0	4,212.0	1.06633	114.8	0	4,212.0	
DPL SOUTH	1,580	1,901	120%	NA	2,438.7	NA	66.5	0	2,438.7	
EKPC	580	> 667	> 115%	2,096.4	2,200.2	1.04951	59.1	32.7	2,167.5	
JCPL	3,300	> 3795	> 115%	5,960.0	6,381.0	1.07064	173.9	0	6,381.0	
METED	1,170	> 1346	> 115%	2,820.0	3,068.0	1.08794	83.6	0	3,068.0	
PECO	2,860	> 3289	> 115%	8,320.0	8,908.0	1.07067	242.8	0	8,908.0	
PENLC	1,300	> 1495	> 115%	2,740.0	3,044.0	1.11095	83.0	0	3,044.0	
PEPCO	2,730	6,846	251%	6,540.0	6,800.0	1.03976	185.3	0	6,800.0	
PL (incl. UGI)	1,360	> 1564	> 115%	7,075.0	7,581.0	1.07152	206.6	0	7,581.0	
PS	6,450	6,581	102%	10,100.0	10,600.0	1.04950	288.9	0	10,600.0	
PS NORTH	2,450	2,936	120%	NA	5,141.0	NA	140.1	0	5,141.0	
RECO	NA	NA	NA	400.0	416.0	1.04000	11.3	0	416.0	
EMAAC	6,140	8,916	145%	NA	33,299.0	NA	907.6	0		
SWMAAC	5,840	8,786	150%	NA	14,088.0	NA	384.0	0		
Western MAAC	-3,840	*	*	NA	13,693.0	NA	373.2	0		
MAAC	5,220	6,495	124%	NA	61,080.0	NA	1,664.7	0		
Western PJM	5,940	> 6831	> 115%	NA	83,917.0	NA	1,932.0	13,029.4		
<b>Limiting conditions at the CETL for modeled LDAs:</b>										
<b>LDA</b>	<b>Violation/Limiting Facility</b>									
MAAC	Thermal/Sandy Springs-High Ridge 230 kV									
EMAAC	Voltage/Loss of Keeney - Rock Springs 500 kV									
SWMAAC	Thermal/Graceton - Bagley 230 kV									
PS	Thermal/Roseland - Cedar Grove 230 kV F									
PSNORTH	Thermal/Cedar Grove F - Clifton K 230 kV line									
DPLSOUTH	Thermal/Easton - Trappe Tap 69 kV									
PEPCO	Thermal/Conastone - Northwest 230 kV									
ATSI	Thermal/Ashtabula 345/138 kV transformer									
ATSI-CLEVELAND	Thermal/Ashtabula 345/138 kV transformer									

<b>2016/2017 Updated 3rd IA Minimum Resource Requirements</b>										
Forecast Pool Requirement	1.0952									
Demand Resource Factor	0.951									
<b>Quantities are in Unforced Capacity Megawatts</b>	<b>PJM Region</b>	<b>MAAC</b>	<b>EMAAC</b>	<b>SWMAAC</b>	<b>PS</b>	<b>PS NORTH</b>	<b>DPL SOUTH</b>	<b>PEPCO</b>	<b>ATSI</b>	<b>ATSI-Cleveland</b>
Reliability Requirement adjusted for FRR	155,201.5	66,969.0	37,215.0	16,076.4	12,234.4	6,377.9	3,009.6	8,289.0	15,701.4	5,950.3
CETL	NA	6,495.0	8,916.0	8,786.0	6,581.0	2,936.0	1,901.0	6,846.0	7,881.0	5,245.0
Updated Peak Load Forecast	152,356.6	56,009.0	30,384.0	12,951.0	9,719.0	4,846.9	2,234.1	6,288.0	12,396.0	4,147.7
FRR Peak Load	12,511.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peak Load Forecast adjusted for FRR	139,845.0	56,009.0	30,384.0	12,951.0	9,719.0	4,846.9	2,234.1	6,288.0	12,396.0	4,147.7
<b>Limited Demand Resource Reliability Target</b>										
Percent of Preliminary Forecast Peak Load	<b>4.3%</b>	<b>5.9%</b>	<b>6.1%</b>	<b>7.2%</b>	<b>6.9%</b>	<b>6.9%</b>	<b>5.5%</b>	<b>6.9%</b>	<b>4.9%</b>	<b>4.9%</b>
Unforced Capacity, MW	6,263.1	3,441.8	1,930.4	971.2	698.5	348.3	128.0	451.9	632.6	211.7
<b>Extended Summer Demand Resource Reliability Target</b>										
Percent of Preliminary Forecast Peak Load	<b>8.7%</b>	<b>11.4%</b>	<b>19.1%</b>	<b>11.1%</b>	<b>18.7%</b>	<b>19.2%</b>	<b>9.1%</b>	<b>26.5%</b>	<b>13.6%</b>	<b>34.9%</b>
Unforced Capacity, MW	12,671.9	6,650.2	6,044.4	1,497.3	1,892.9	969.3	211.7	1,735.5	1,755.9	1,507.7
<b>Minimum Resource Requirements for RPM, MW</b>										
Minimum Extended Summer Resource Requirement	<b>148,938.4</b>	<b>57,032.3</b>	<b>26,368.6</b>	<b>6,319.2</b>	<b>4,954.9</b>	<b>3,093.6</b>	<b>980.6</b>	<b>991.1</b>	<b>7,187.8</b>	<b>493.6</b>
Minimum Annual Resource Requirement	<b>142,529.6</b>	<b>53,823.8</b>	<b>22,254.6</b>	<b>5,793.2</b>	<b>3,760.5</b>	<b>2,472.7</b>	<b>896.8</b>	<b>0.0</b>	<b>6,064.5</b>	<b>0.0</b>
<b>Minimum Resource Requirements for FRR (% Obligation)</b>										
Minimum Extended Summer Resource Requirement	<b>95.9%</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Minimum Annual Resource Requirement	<b>91.7%</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>Total Previously Committed Capacity (Cleared in BRA, 1st IA, 2nd IA - Non-Viable DR)</b>	<b>PJM Region</b>	<b>MAAC</b>	<b>EMAAC</b>	<b>SWMAAC</b>	<b>PS</b>	<b>PS NORTH</b>	<b>DPL SOUTH</b>	<b>PEPCO</b>	<b>ATSI</b>	<b>ATSI-Cleveland</b>
Limited Resources	8,652.3	3,299.1	1,055.4	1,060.2	338.9	168.2	87.4	223.0	925.5	268.9
Extended Summer Resources	1,319.4	713.0	307.5	337.3	52.9	14.8	0.0	341.2	312.1	24.5
Annual Resources (Including CP Resources)	153,463.5	60,142.8	29,438.3	9,818.9	5,795.0	3,370.6	1,637.2	4,831.0	7,227.4	2,275.5
Extended Summer Resources + Annual Resources	154,782.9	60,855.8	29,745.8	10,156.2	5,847.9	3,385.4	1,637.2	5,172.2	7,539.5	2,300.0
Total Resources	163,435.2	64,154.9	30,801.2	11,216.4	6,186.8	3,553.6	1,724.6	5,395.2	8,465.0	2,568.9



