



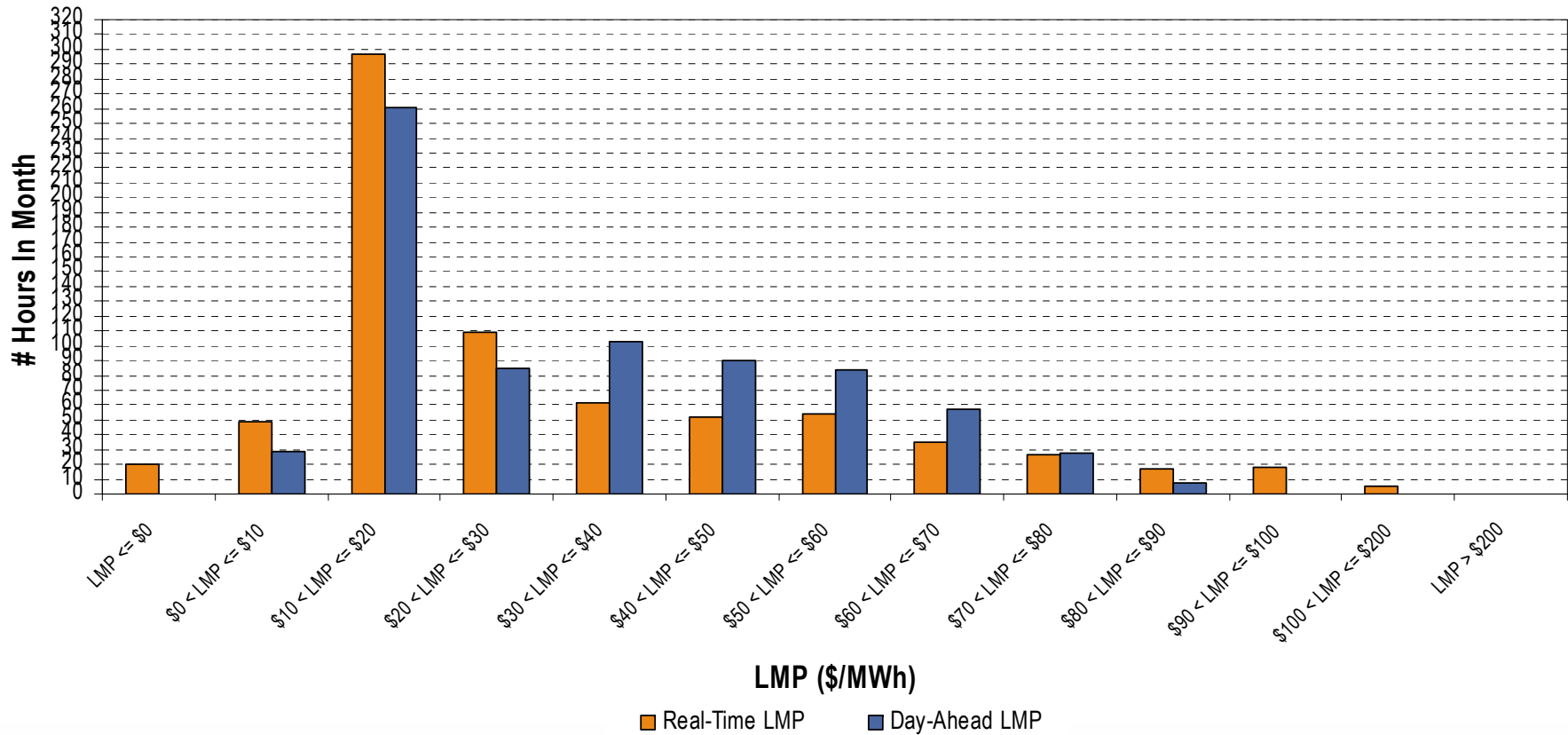
Northern Illinois Control Area Interim Market Monitoring Report for July 2004

Market Monitoring Unit
August 2004

- Overall, the integrated NICA markets functioned well and effectively.
- The NICA energy market results were reasonably competitive.
- Pathway flows have increased competition in the NICA and in the PJM CA.
- Interface pricing has been reasonably effective.
- FTRs in the NICA have provided an effective congestion hedge.
- Congestion has been limited.
- Financial offer and bid levels reflect an active use of PJM hedging instruments.

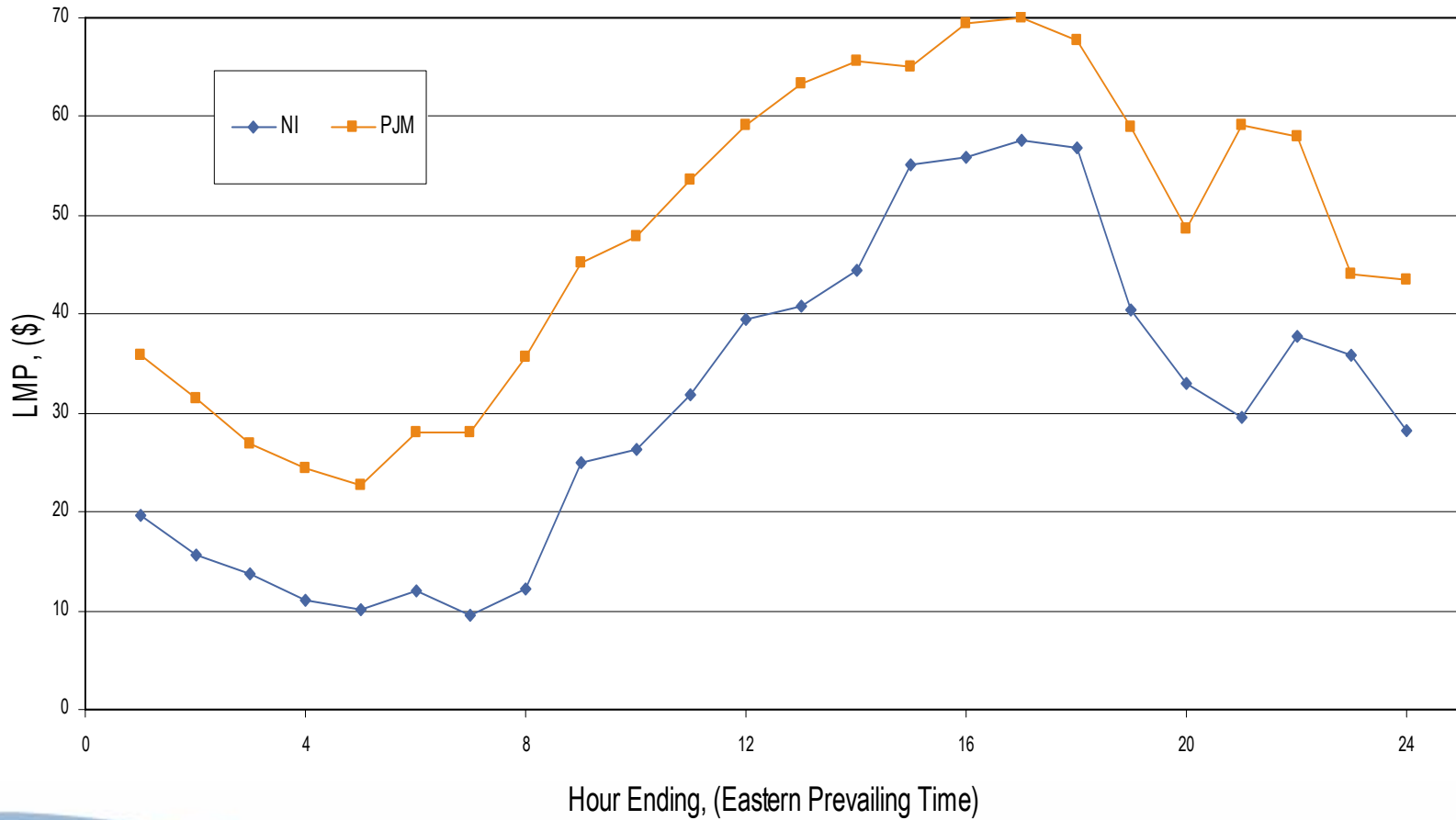
- The NICA real-time zonal LMP was \$30 or less per MWh for 64 percent of the hours.
- The NICA day-ahead zonal LMP was \$30 or less per MWh for 50 percent of the hours.
- The PJM CA real-time LMP was greater than NICA real-time LMP by an average of \$17.10 per MWh.
- The PJM CA day-ahead LMP was greater than NICA day-ahead LMP by an average of \$12.24 per MWh.

NICA Zonal LMP July 2004



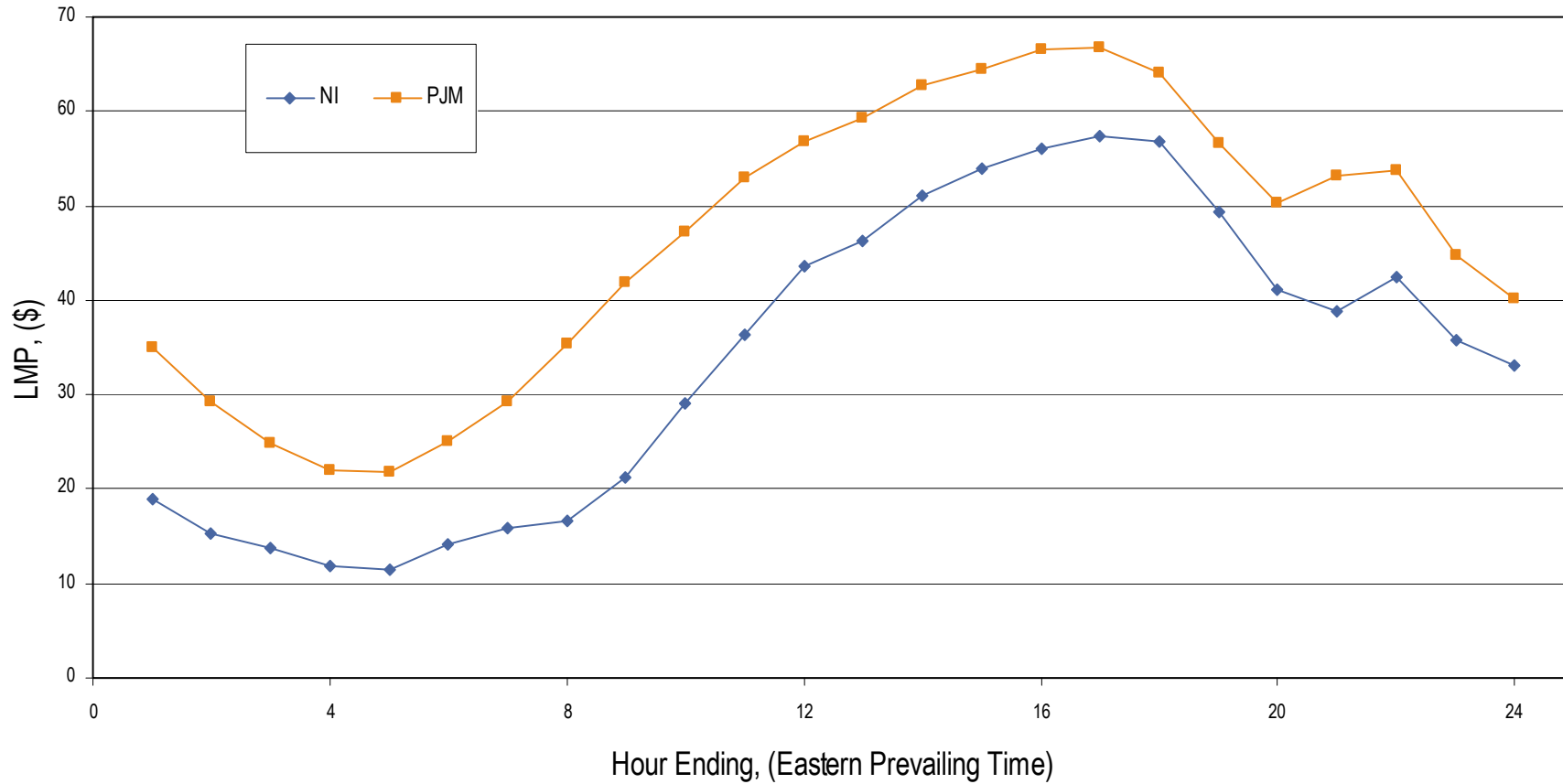
Average Hourly Real-Time LMP - July 2004

Average LMP Difference for June: \$17.10



Average Hourly Day-Ahead LMP - July 2004

Average LMP Difference for June: \$12.24

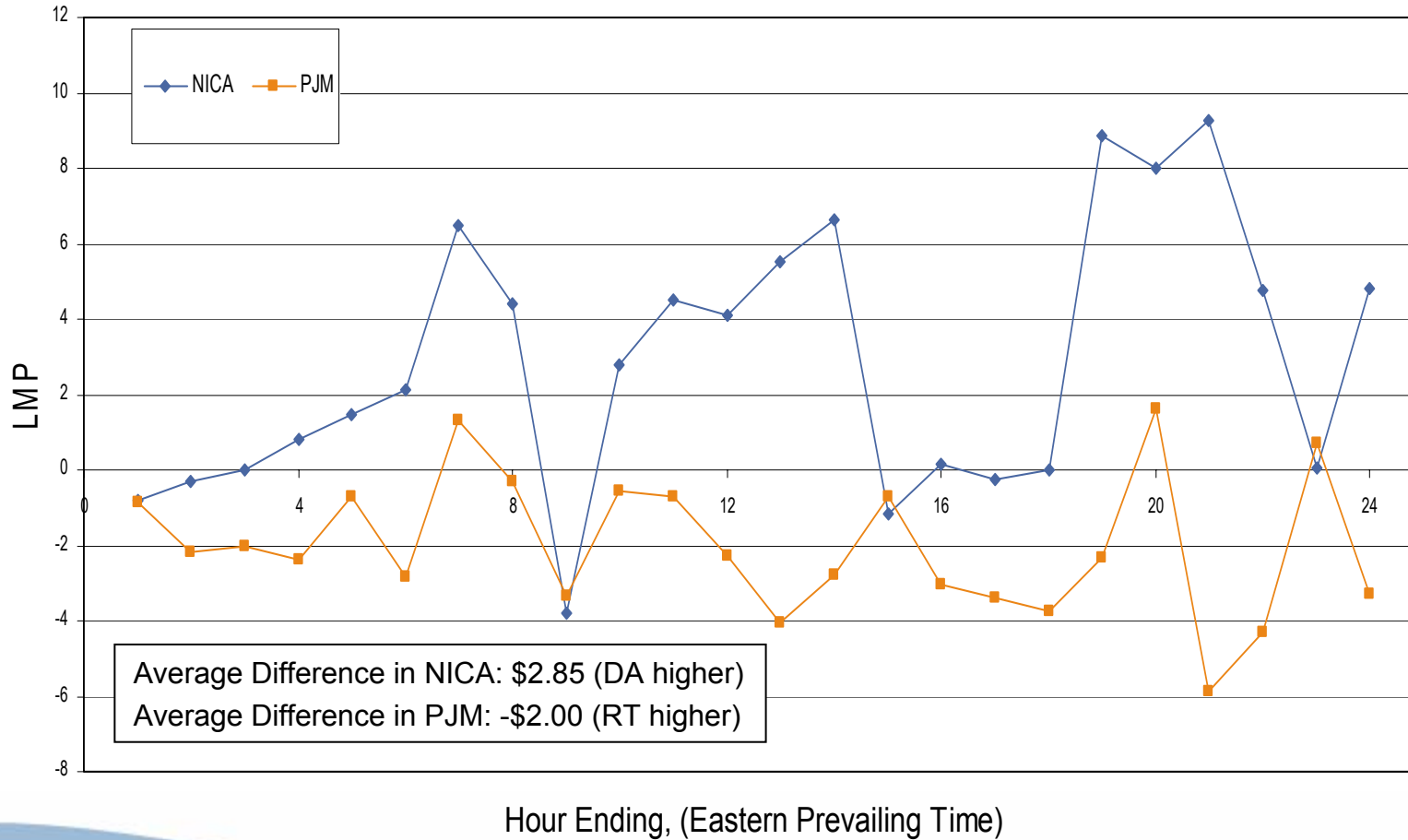




Energy market price differentials – July 2004

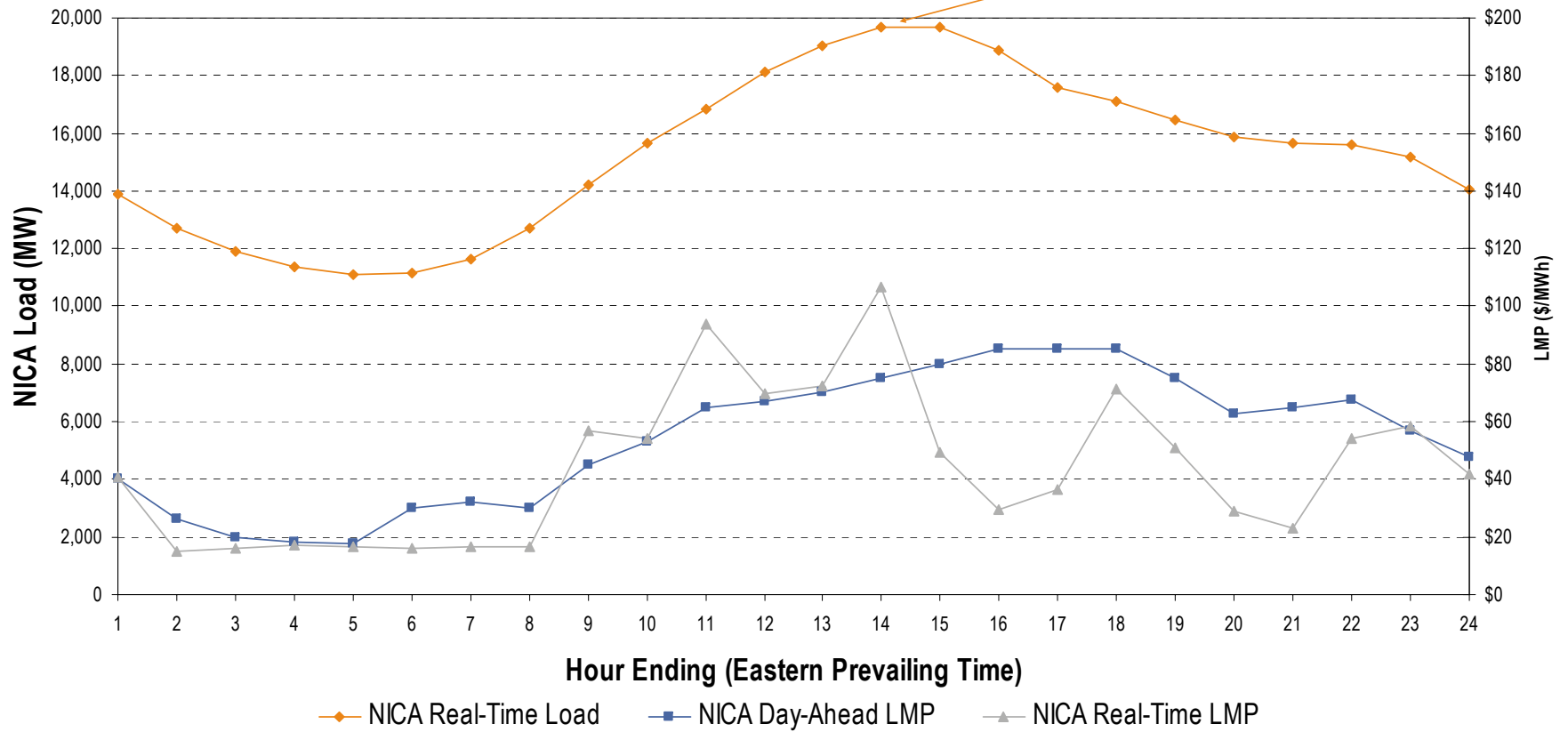
- The NICA day-ahead zonal LMP was greater than the NICA real-time zonal LMP in July. The average hourly difference was \$2.85 per MWh.
- The PJM CA day-ahead zonal LMP was less than the PJM CA real-time zonal LMP in July. The average hourly difference was \$2.00 per MWh.

Average Hourly Difference of Day-Ahead and Real-Time LMPs - July 2004



NICA Peak Demand for 2004 Peak Day - July 22, 2004

7/22/04 - 1400 EPT NICA 19,685 MW



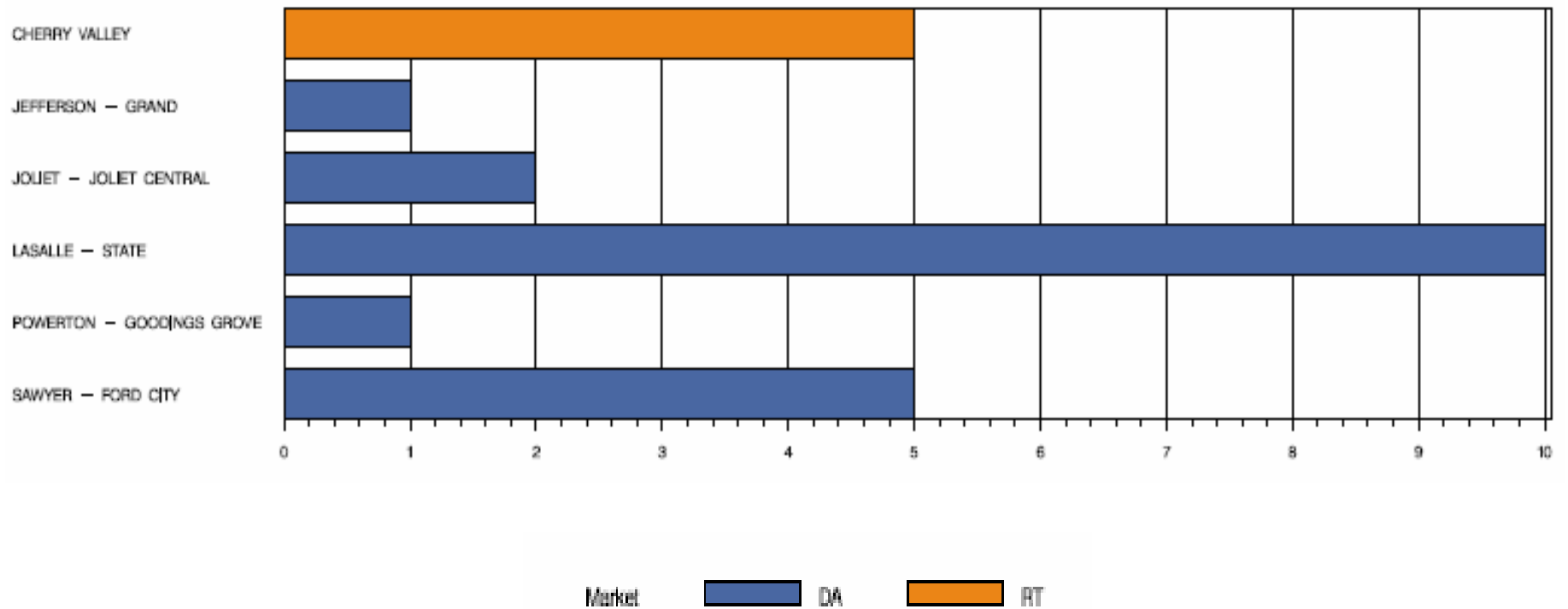


Fuel type of the NICA marginal units

- Marginal units set price at five minute intervals.
- In July, a NICA unit was on the margin for 5,098 out of 8,928 possible intervals (57 percent).
- Coal units accounted for 83 percent of those intervals.
- Natural gas units accounted for 17 percent of those intervals.

- Congestion was very limited in the NICA in July.
- Day-Ahead Market congestion: 19 event hours
- Real-Time Market congestion: five event hours
- No NICA units were offer-capped in the Real-Time Markets in July 2004.
- No NICA units were offer-capped in the Day-Ahead Markets in July 2004.

NICA Congestion Event Hours by Facility July 2004





Real-time pathway statistics for July 2004

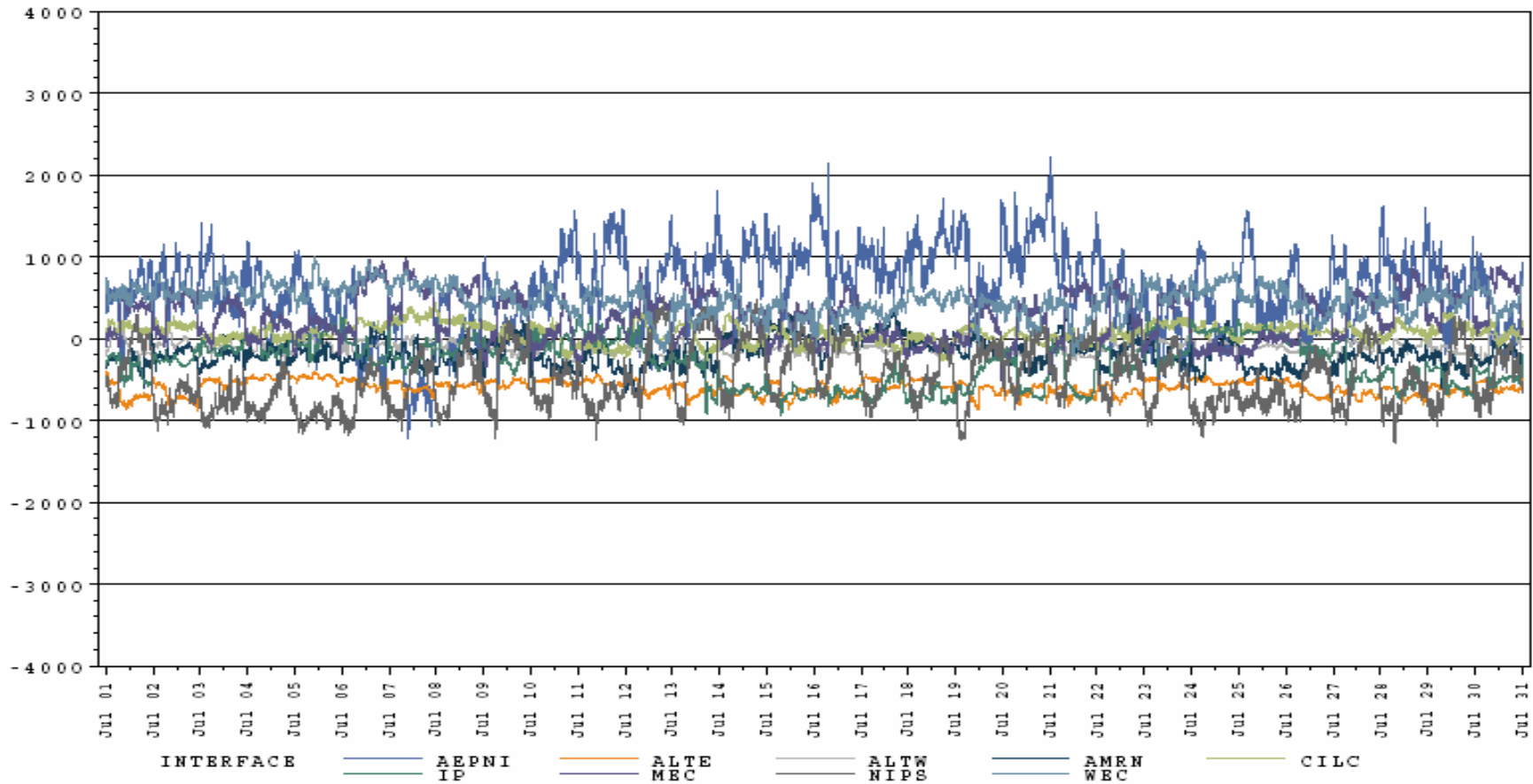
- Pathway constrained from NICA to PJM 386 hours, or 52 percent.
- Pathway constrained from PJM to NICA 64 hours, or nine percent.
- Pathway not constrained for 294 hours, or 39 percent.
- Pathway flowed from NICA to PJM for 538 hours, or 72 percent.
- Pathway flowed from PJM to NICA for 206 hours, or 28 percent.



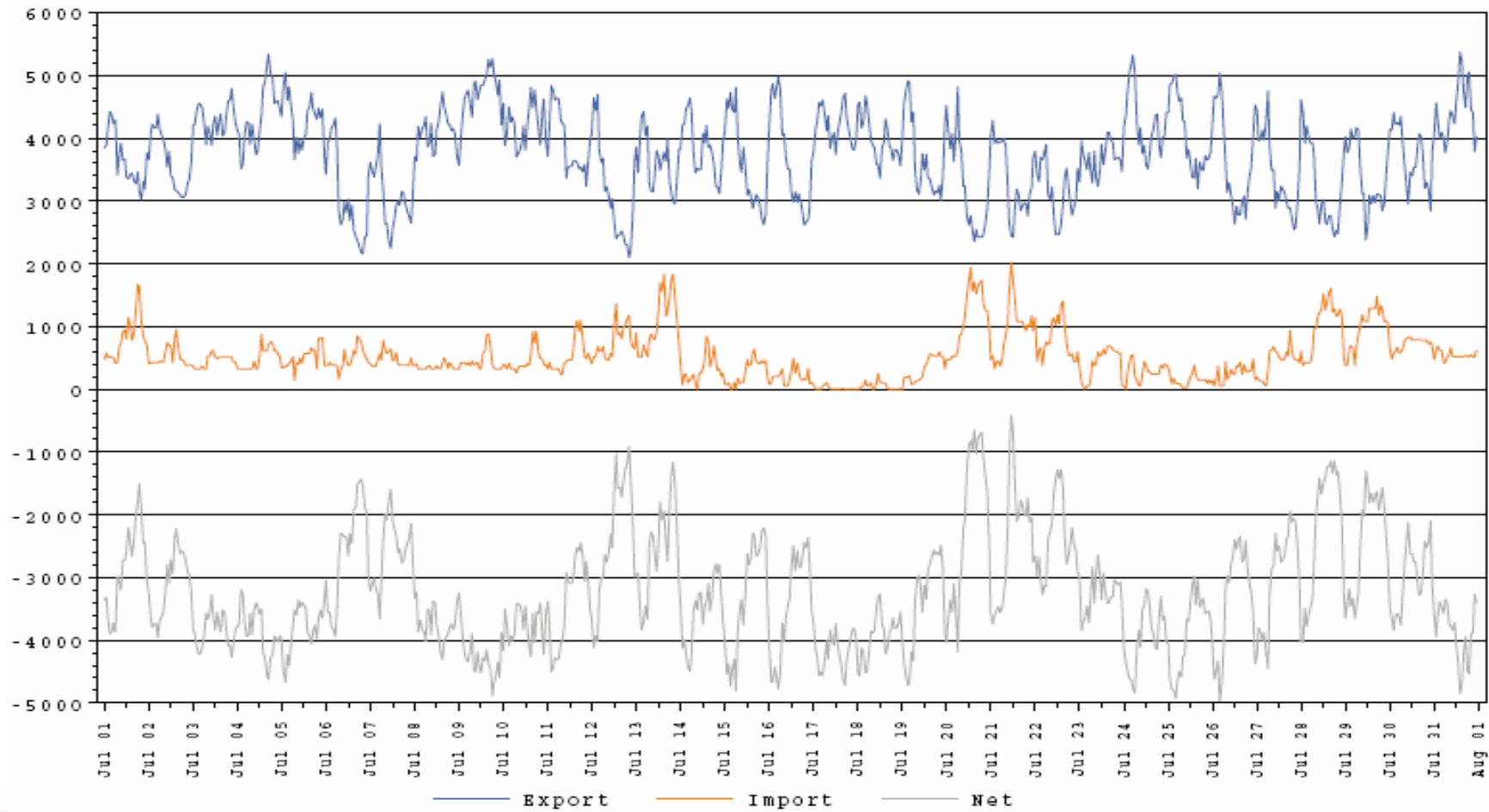
Day-ahead pathway statistics for July 2004

- Pathway constrained from NICA to PJM 430 hours, or 58 percent.
- Pathway constrained from PJM to NICA 136 hours, or 18 percent.
- Pathway not constrained for 178 hours, or 24 percent.
- Pathway flowed from NICA to PJM for 543 hours, or 73 percent.
- Pathway flowed from PJM to NICA for 201 hours, or 27 percent.

NICA Actual Minus Scheduled Tie Flows
July 2004

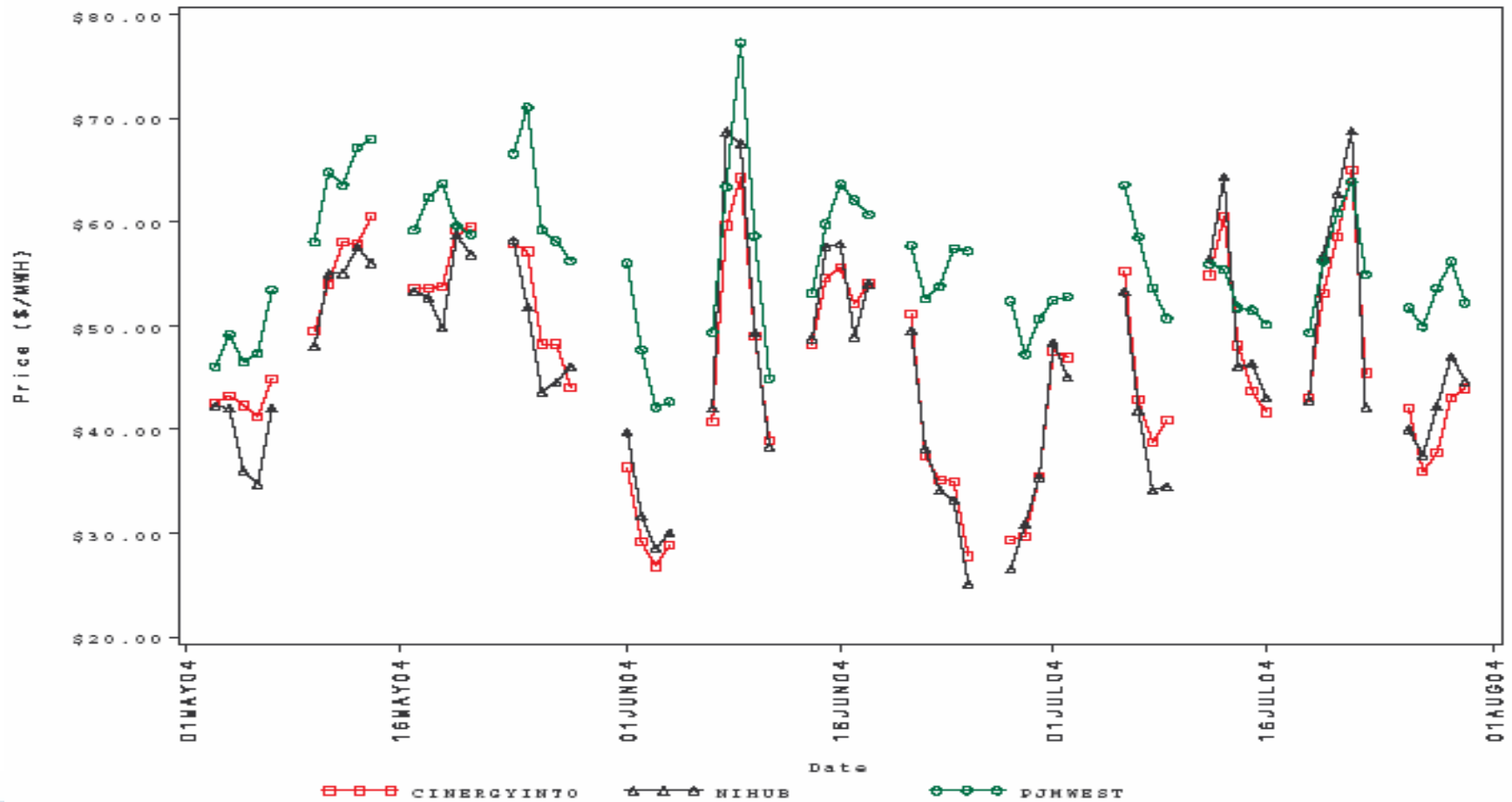


NICA Imports, Exports and Net July 2004



- Daily forward prices for NIHub and CINergy tracked closely in July.
 - The maximum daily NIHub–CINergy spread was \$4.47 per MWh during July.
 - The minimum daily NIHub–CINergy spread was -\$6.40 per MWh during July.
 - The average daily NIHub–CINergy spread was \$0.42 per MWh during July.
 - The NIHub–CINergy spread was \$0.67 per MWh on the final trading day of July.

Cinergy, NIHub and PJM Dailies
Platts Data



- Forward prices for the August contract showed varying spreads during July.
 - Spreads reflect traders' expectations about future prices.
 - The maximum NIHub–CINergy spread was \$2.35 per MWh during July.
 - The minimum NIHub–CINergy spread was -\$0.60 per MWh during July.
 - The average NIHub–CINergy spread was \$0.65 per MWh during July.
 - The NIHub–CINergy spread was \$0.05 per MWh on the final trading day for the August contract.

Cinergy, NIHub and PJM West Forward Prices

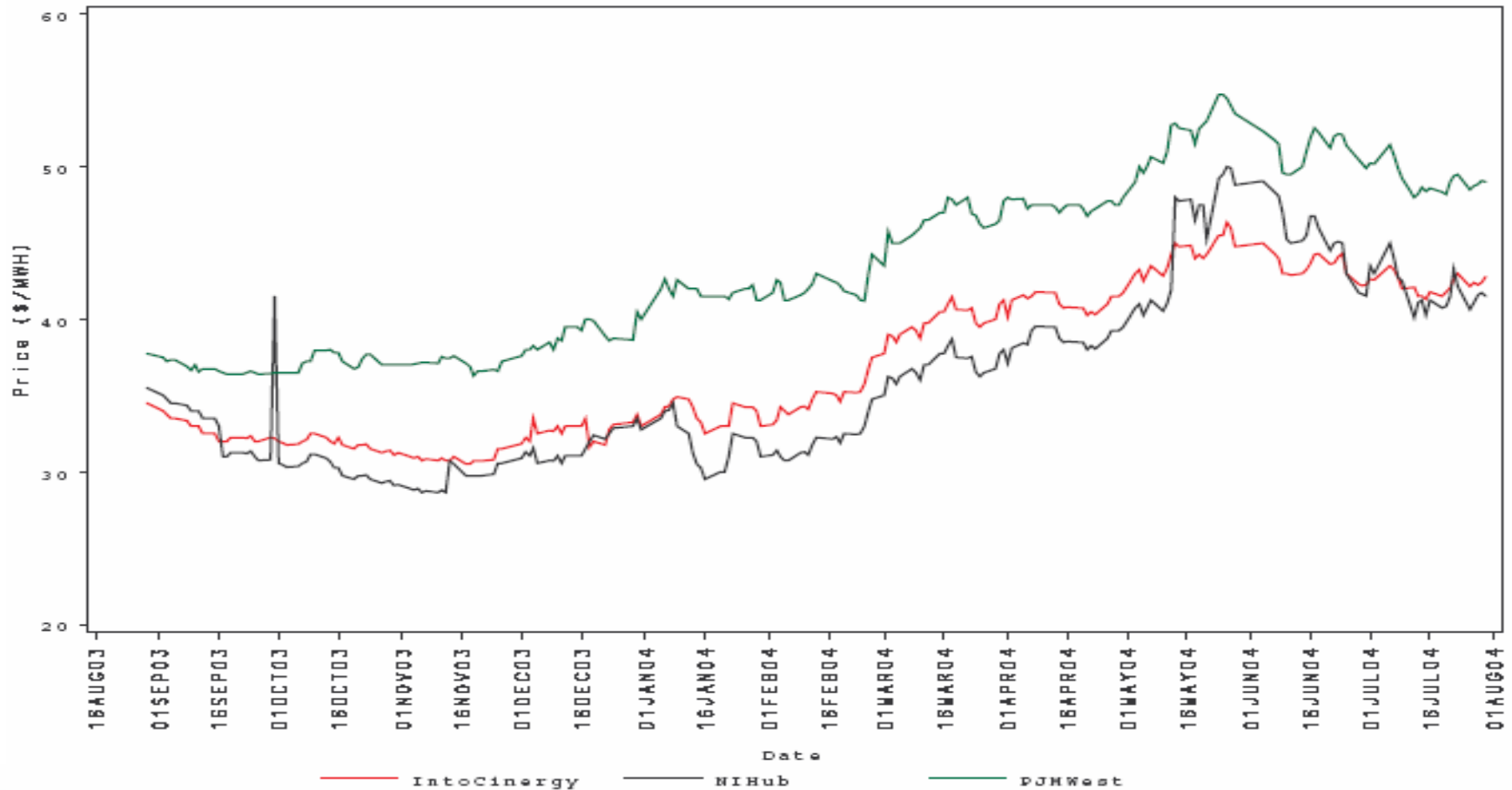
Platts Data
contract=Aug2004



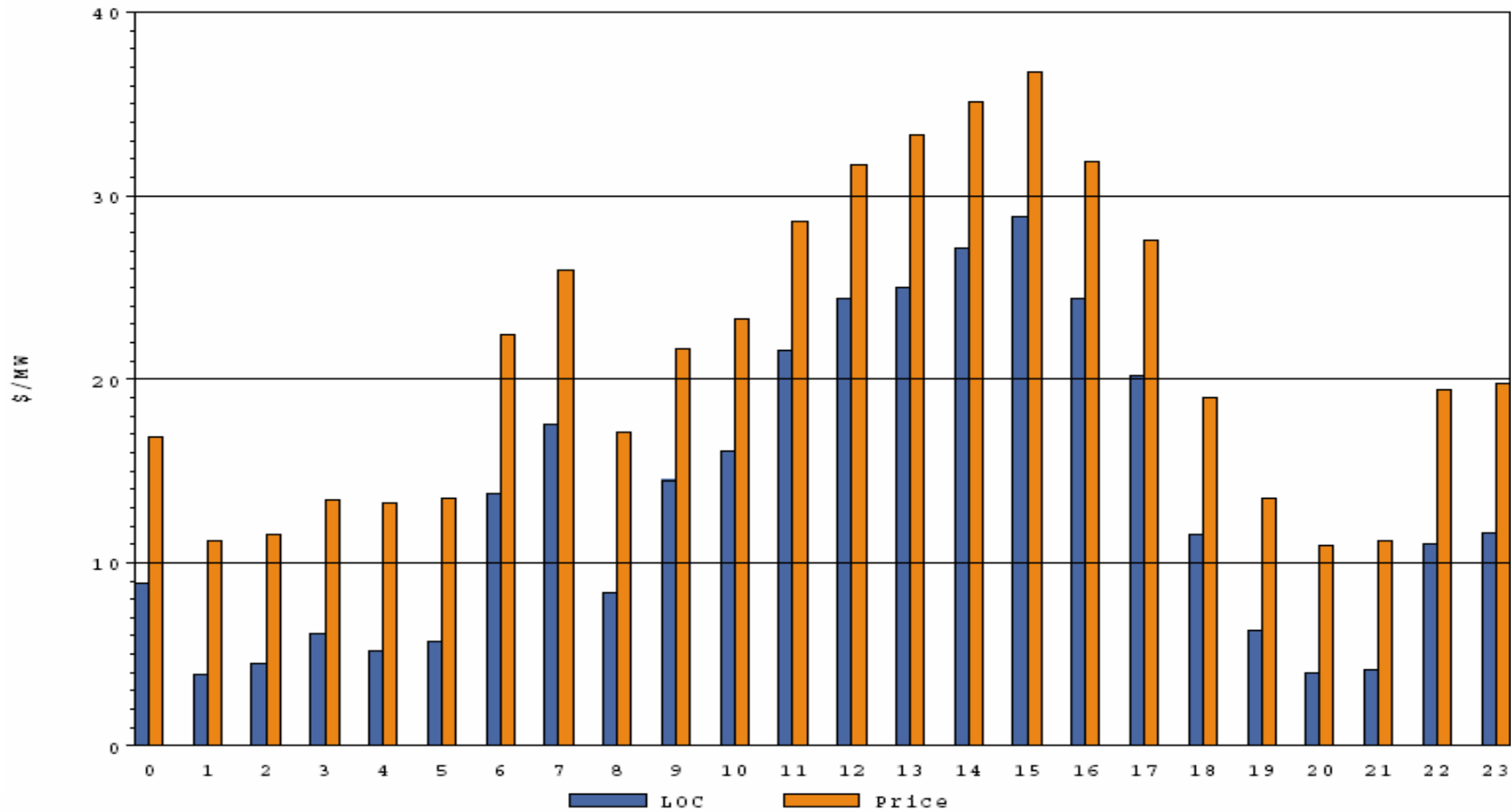
- Forward prices for the September contract showed varying spreads during July.
 - Spreads reflect traders' expectations about future prices.
 - The maximum NIHub–CINergy spread was \$1.50 per MWh during July.
 - The minimum NIHub–CINergy spread was -\$2.00 per MWh during July.
 - The average NIHub–CINergy spread was \$0.39 per MWh during July.
 - The NIHub–CINergy spread for the September contract was -\$1.30 per MWh on the final trading day of July.

Cinergy, NIHub and PJM West Forward Prices

Platts Data
contract=Sep2004



NICA Regulation Price and Opportunity Cost July 2004



- NICA Capacity Market structural tests indicate significant potential market power.
- Results of NICA Capacity Market auctions were generally less than the proposed offer cap.



Capacity Market prices through July auctions

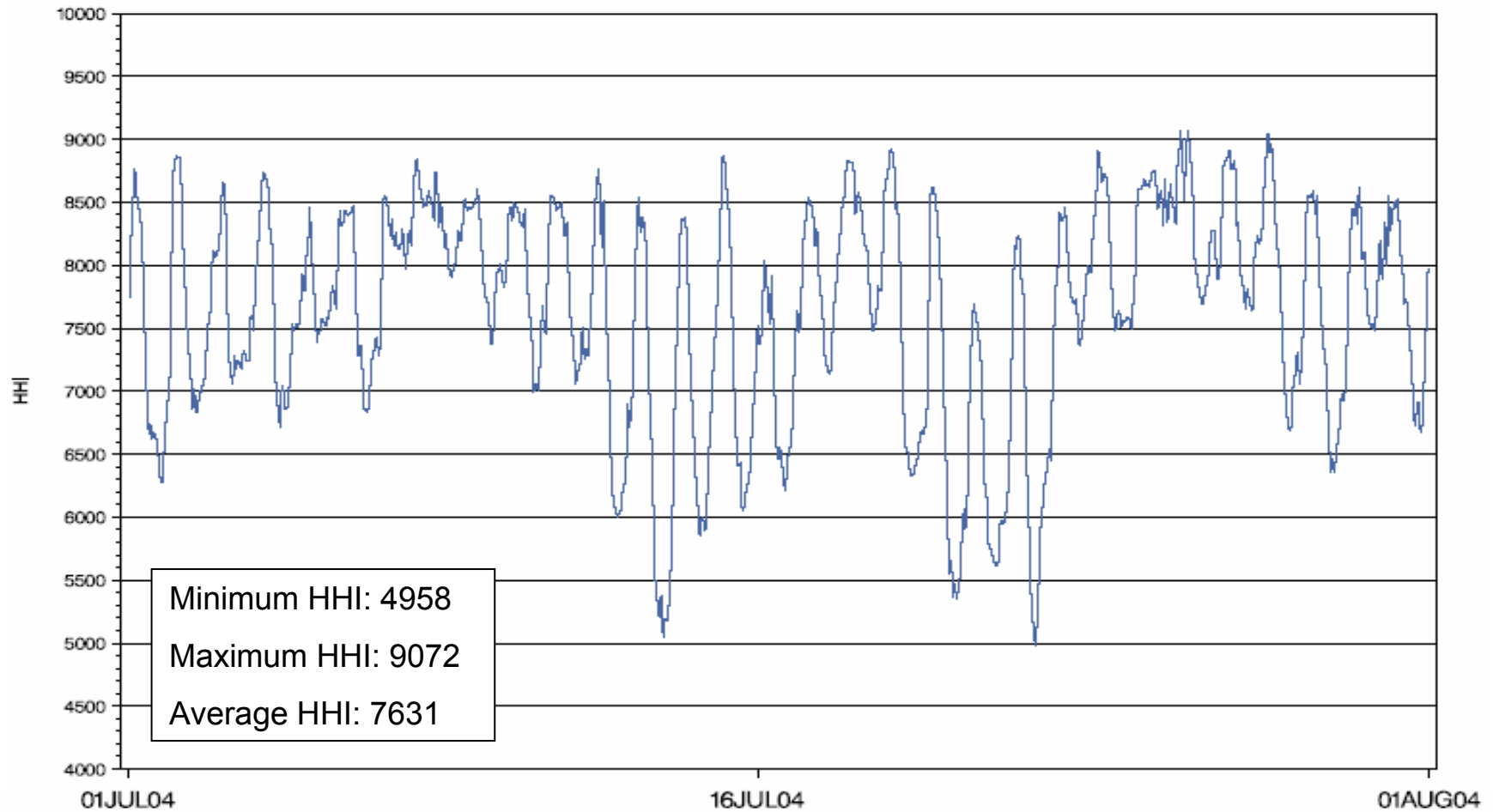
- Average capacity price per MW for the summer 2004 period was \$29.81.
- Average capacity price per MW for the fall 2004 period was \$25.88.
- Average capacity price per MW for the winter 2004/2005 period was \$25.66.
- Average capacity price per MW for the full planning period was \$27.76.

- The NICA energy market had high HHIs (Herfindahl-Hirschman Index) during July.
 - High HHIs reflect highly concentrated ownership of the units supplying energy on an hourly basis.
- The NICA energy market had low RSIs (Residual Supply Index) during July.
 - RSIs less than 1.0 indicate that a single supplier is pivotal during the hour.
- The pathway flows served to provide competitive pressures in the NICA energy market, offsetting the stand-alone structural market power concerns.



Market Herfindahl-Hirschman Index (HHI)

NICA Hourly Energy Market HHI
July 2004



Note: Includes net imports



NICA Residual Supply Index – July 2004

Number of Hours RSI < 1.10	Number of Hours RSI < 1.00	Percent of Hours RSI < 1.10	Percent of Hours RSI < 1.00	Overall Average RSI	Overall Minimum RSI
621	534	83%	72%	0.84	0.54