

Capacity Market Settlement Data

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Intermediate ICAP Course
May 14-15, 2025
Remote Learning

Topics of Discussion

- The ICAP Auction Award Settlement
- Two NYISO applications where ICAP billing information can be found
 - The Settlement information found in the Consolidated billing menu of the ICAP Automated Market System (AMS)
 - The Settlement information in the Customer Settlements Interface (CSI)

Capacity Settlements

- **ICAP Auction Award settlement = Auction Award MW Amount x Auction Clearing Price**
 - An “award” is a sale/purchase that clears in an auction
 - The NYCA and each Locality has a separate Market Clearing Price for each auction
 - Awards are in MWs, and Auction Clearing Prices are in \$/kW-month
 - As a result, a unit conversion occurs
 - Auction Award settlements appear in the obligation procurement period’s invoices
 - Bilateral Transactions are settled financially between parties outside of NYISO systems

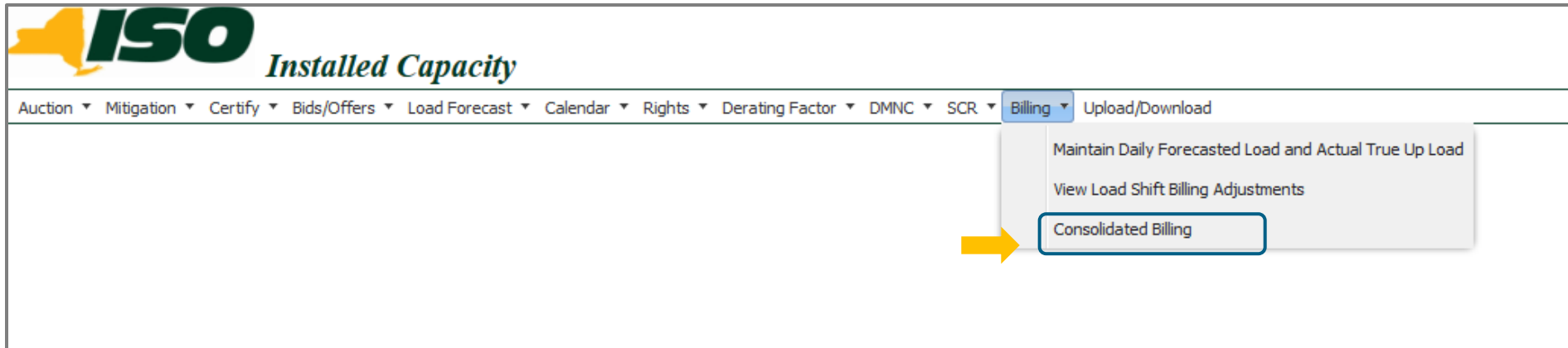
ICAP Billing Information

- **ICAP Automated Market System (AMS) Billing Information**
 - Consolidated Billing
 - Summary
 - Detail
 - Report
- **Customer Settlements Interface (CSI)**
 - Consolidated Invoice
 - ICAP Detail Report
 - Invoice Summary Report

Topic:

ICAP Automated Market System

ICAP AMS Billing Information



ISO *Installed Capacity*

Auction ▾ Mitigation ▾ Certify ▾ Bids/Offers ▾ Load Forecast ▾ Calendar ▾ Rights ▾ Derating Factor ▾ DMNC ▾ SCR ▾ Billing ▾ Upload/Download

Maintain Daily Forecasted Load and Actual True Up Load

View Load Shift Billing Adjustments

Consolidated Billing

Consolidated Billing Menu

- Summary
- Detail
- Report

ICAP AMS -Consolidated Billing Summary

NYISO

NEW YORK
INDEPENDENT
SYSTEM OPERATOR

Consolidated Billing Summary

Consolidated Billing Summary

1

| Delivery Month | Billing Organization ID | Billing Organization | Market Participant | Strip Auction | Monthly Auction | Spot Auction | Supplemental Auction | Auction Total | Load Shift Adjustments | Load True Up Adjustments | Adjustments Total | Total Billed | Action |
|----------------|-------------------------|----------------------|--------------------|---------------|-----------------|--------------|----------------------|---------------|------------------------|--------------------------|-------------------|--------------|-----------------------------------|
| Mar/2018 | <div>Search</div> | <div>Search</div> | <div>Search</div> | | | | | | | | | | |
| Mar/2018 | | | | 23,920.00 | 74,440.00 | 37,480.00 | 0.00 | 135,840.00 | 25,632.50 | 2,385.10 | 28,017.60 | 163,857.60 | <div><div></div><div></div></div> |

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New York Independent System Operator

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* Sign convention followed:
 Positive: Charge to the MP
 (Negative): Credit to the MP

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ICAP AMS - Consolidated Billing Detail

NEW YORK INDEPENDENT SYSTEM OPERATOR

Consolidated Billing Summary

Consolidated Billing Summary

<<1>>


| Delivery Month | Billing Organization ID | Billing Organization | Market Participant | Strip Auction | Monthly Auction | Spot Auction | Supplemental Auction | Auction Total | Load Shift Adjustments | Load True Up Adjustments | Adjustments Total | Total Billed | Action |
|----------------|-------------------------|----------------------|--------------------|---------------|-----------------|--------------|----------------------|---------------|------------------------|--------------------------|-------------------|--------------|-----------------------------------|
| Mar/2018 | Search | Search | Search | | | | | | | | | | |
| Mar/2018 | | | | 23,920.00 | 74,440.00 | 37,480.00 | 0.00 | 135,840.00 | 25,632.50 | 2,385.10 | 28,017.60 | 163,857.60 | <div><div></div><div></div></div> |

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ICAP AMS – Consolidated Billing Detail

|  NEW YORK INDEPENDENT SYSTEM OPERATOR | | UCAP Consolidated Invoice | | | | |
|---|--------------------|---------------------------|----------|-----------|-------------|------------|
| MP Name: | | | | | | |
| Delivery Month: | | | | | | |
| Date Generated: | | | | | | |
| | | GHI | LI | NYC | ROS | Total |
| Strip Auction | Purchased | 0.00 | 0.00 | 32,970.00 | 0.00 | |
| | Sold | 0.00 | 0.00 | 0.00 | (9,050.00) | |
| | Total | 0.00 | 0.00 | 32,970.00 | (9,050.00) | 23,290.00 |
| Monthly Auction | Purchased | 2,520.00 | 0.00 | 27,875.00 | 51,705.00 | |
| | Sold | 0.00 | 0.00 | 0.00 | (7,660.00) | 74,440.00 |
| | Total | 2,520.00 | 0.00 | 27,875.00 | 44,045.00 | |
| Spot Auction | Purchased | 24,336.00 | 1,054.00 | 38,471.00 | 37,417.00 | |
| | Sold | (29,016.00) | 0.00 | 0.00 | (34,782.00) | |
| | Total | (4,680.00) | 1,054.00 | 38,471.00 | 2,635.00 | 37,480.00 |
| Load Shift | MW | 0.5 | -0.05 | 1.2 | 1.2 | |
| | Clearing \$/kW | 9.36 | 5.27 | 12.41 | 5.27 | |
| | Total | 4,680.00 | (263.50) | 14,892.00 | 6,324.00 | 25,632.50 |
| Load Shift True Up | TU MW | 0.5 | -0.005 | 1.25 | 0.25 | |
| | Orig MW | 0.35 | -0.005 | 0.63 | 1.42 | |
| | Shift MW | 0.15 | 0 | 0.62 | -1.17 | |
| | Clearing \$/kW | 3.15 | 1.53 | 5.84 | 1.46 | |
| | Total | 472.50 | 0 | 3,620.80 | (1,708.00) | 2,385.10 |
| Special Adjustments | Manual Adjustments | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Total | 0.00 | 0.00 | 0.00 | 0.00 | |
| Grand Total | | | | | | 163,857.60 |


AUCTION
TOTAL


TOTAL
BILLED

* Sign convention followed:
Positive: Charge to the MP
(Negative): Credit to the MP



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ICAP AMS- Consolidated Billing Report


NEW YORK INDEPENDENT SYSTEM OPERATOR



Consolidated Billing Summary

| Consolidated Billing Summary | | | | | | | | | | | | | |
|------------------------------|-------------------------|----------------------|--------------------|---------------|-----------------|--------------|----------------------|---------------|------------------------|--------------------------|-------------------|--------------|---|
| < < 1 > > | | | | | | | | | | | | | |
| Delivery Month | Billing Organization ID | Billing Organization | Market Participant | Strip Auction | Monthly Auction | Spot Auction | Supplemental Auction | Auction Total | Load Shift Adjustments | Load True Up Adjustments | Adjustments Total | Total Billed | Action |
| Mar/2018 | Search | Search | Search | | | | | | | | | | |
| Mar/2018 | | | | 23,920.00 | 74,440.00 | 37,480.00 | 0.00 | 135,840.00 | 25,632.50 | 2,385.10 | 28,017.60 | 163,857.60 |   |
| < < 1 > > | | | | | | | | | | | | | |

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Report - Strip Auction, Example Month

| | | |
|-----|-------------------------------|--------------|
| GHI | Purchase MW | 0 |
| | Purchase Clearing Price | \$8.25 |
| | Purchase Extended Award Value | \$0.00 |
| | Sold MW | 0 |
| | Sold Clearing Price | \$8.25 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$0.00 |
| LI | Purchase MW | 0 |
| | Purchase Clearing Price | \$4.15 |
| | Purchase Extended Award Value | \$0.00 |
| | Sold MW | 0 |
| | Sold Clearing Price | \$4.15 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$0.00 |
| NYC | Purchase MW | 3 |
| | Purchase Clearing Price | \$10.99 |
| | Purchase Extended Award Value | \$32,970.00 |
| | Sold MW | 0 |
| | Sold Clearing Price | \$10.99 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$32,970.00 |
| ROS | Purchase MW | 0 |
| | Purchase Clearing Price | \$0.00 |
| | Purchase Extended Award Value | \$0.00 |
| | Sold MW | 2.5 |
| | Sold Clearing Price | \$3.62 |
| | Sold Extended Award Value | (\$9,050.00) |
| | Total | (\$9,050.00) |



| | | |
|------|---------------------------|--------|
| HQ | Sold MW | 0 |
| | Sold Clearing Price | \$3.62 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$0.00 |
| IESO | Sold MW | 0 |
| | Sold Clearing Price | \$0.00 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$0.00 |
| NE | Sold MW | 0 |
| | Sold Clearing Price | \$0.00 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$0.00 |
| PJM | Sold MW | 0 |
| | Sold Clearing Price | \$0.00 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$0.00 |

Total (Strip Auction) = \$23,920.00

Report – Monthly Auction, Example Month

| | | |
|-----|-------------------------------|--------------|
| GHI | Purchase MW | 0.3 |
| | Purchase Clearing Price | \$8.40 |
| | Purchase Extended Award Value | \$2,520.00 |
| | Sold MW | 0 |
| | Sold Clearing Price | \$8.40 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$2,520.00 |
| | | |
| LI | Purchase MW | 0 |
| | Purchase Clearing Price | \$4.00 |
| | Purchase Extended Award Value | \$0.00 |
| | Sold MW | 0 |
| | Sold Clearing Price | \$4.00 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$0.00 |
| | | |
| NYC | Purchase MW | 2.5 |
| | Purchase Clearing Price | \$11.15 |
| | Purchase Extended Award Value | \$27,875.00 |
| | Sold MW | 0 |
| | Sold Clearing Price | \$11.15 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$27,875.00 |
| | | |
| ROS | Purchase MW | 13.5 |
| | Purchase Clearing Price | \$3.83 |
| | Purchase Extended Award Value | \$51,705.00 |
| | Sold MW | 2 |
| | Sold Clearing Price | \$3.83 |
| | Sold Extended Award Value | (\$7,660.00) |
| | Total | \$44,045.00 |
| | | |



| | | |
|------|---------------------------|--------|
| HQ | Sold MW | 0 |
| | Sold Clearing Price | \$3.83 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$0.00 |
| | | |
| IESO | Sold MW | 0 |
| | Sold Clearing Price | \$0.00 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$0.00 |
| | | |
| NE | Sold MW | 0 |
| | Sold Clearing Price | \$3.83 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$0.00 |
| | | |
| PJM | Sold MW | 0 |
| | Sold Clearing Price | \$0.00 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$0.00 |
| | | |

Total (Monthly Auction) = \$74,440.00

Report – Spot Market Auction, Example Month New York ISO

| | | |
|-----|-------------------------------|---------------------|
| GHI | Purchase Deficiency MW | 0 |
| | Purchase Excess MW | 2.6 |
| | Purchase Clearing Price | \$9.36 |
| | Purchase Extended Award Value | \$24,336.00 |
| | Sold Offered MW | 0 |
| | Sold Excess MW | 3.1 |
| | Sold Clearing Price | \$9.36 |
| | Sold Extended Award Value | (\$29,016.00) |
| | Total | (\$4,680.00) |
| | | ← |
| LI | Purchase Deficiency MW | 0 |
| | Purchase Excess MW | 0.2 |
| | Purchase Clearing Price | \$5.27 |
| | Purchase Extended Award Value | \$1,054.00 |
| | Sold Offered MW | 0 |
| | Sold Excess MW | 0 |
| | Sold Clearing Price | \$5.27 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$1,054.00 |
| | | ← |
| NYC | Purchase Deficiency MW | 0 |
| | Purchase Excess MW | 3.1 |
| | Purchase Clearing Price | \$12.41 |
| | Purchase Extended Award Value | \$38,471.00 |
| | Sold Offered MW | 0 |
| | Sold Excess MW | 0 |
| | Sold Clearing Price | \$12.41 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$38,471.00 |
| | | ← |

| | | |
|------|-------------------------------|-------------------|
| ROS | Purchase Deficiency MW | 0 |
| | Purchase Excess MW | 7.1 |
| | Purchase Clearing Price | \$5.27 |
| | Purchase Extended Award Value | \$37,417.00 |
| | Sold Offered MW | 3.9 |
| | Sold Excess MW | 2.7 |
| | Sold Clearing Price | \$5.27 |
| | Sold Extended Award Value | (\$34,782.00) |
| | Total | \$2,635.00 |
| | | ← |
| HQ | Sold Offered MW | 0 |
| | Sold Clearing Price | \$5.27 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$0.00 |
| IESO | Sold Offered MW | 0 |
| | Sold Clearing Price | \$0.00 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$0.00 |
| NE | Sold Offered MW | 0 |
| | Sold Clearing Price | \$0.00 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$0.00 |
| PJM | Sold Offered MW | 0 |
| | Sold Clearing Price | \$5.27 |
| | Sold Extended Award Value | \$0.00 |
| | Total | \$0.00 |

Total (Spot Market Auction) = \$37,480.00

Report – Load Adjustments, Example Month

| <u>Load Shift</u> | | |
|-------------------|----------------|--------------------|
| GHI | MW's | 0.5 |
| | Clearing \$/kW | \$9.36 |
| | <u>Total</u> | <u>\$4,680.00</u> |
| LI | MW's | -0.05 |
| | Clearing \$/kW | \$5.27 |
| | <u>Total</u> | <u>(\$263.50)</u> |
| NYC | MW's | 1.2 |
| | Clearing \$/kW | \$12.41 |
| | <u>Total</u> | <u>\$14,892.00</u> |
| ROS | MW's | 1.2 |
| | Clearing \$/kW | \$5.27 |
| | <u>Total</u> | <u>\$6,324.00</u> |

| <u>Load Shift True Up</u> | | |
|---------------------------|----------------|---------------------|
| GHI | Clearing \$/kW | \$3.15 |
| | TU MW's | 0.5 |
| | Orig MW's | 0.35 |
| | Shift | 0.15 |
| | <u>Total</u> | <u>\$472.50</u> |
| LI | Clearing \$/kW | \$1.53 |
| | TU MW's | -0.005 |
| | Orig MW's | -0.005 |
| | Shift | 0 |
| | <u>Total</u> | <u>\$0.00</u> |
| NYC | Clearing \$/kW | \$5.84 |
| | TU MW's | 1.25 |
| | Orig MW's | 0.63 |
| | Shift | 0.62 |
| | <u>Total</u> | <u>\$3,620.80</u> |
| ROS | Clearing \$/kW | \$1.46 |
| | TU MW's | 0.25 |
| | Orig MW's | 1.42 |
| | Shift | -1.17 |
| | <u>Total</u> | <u>(\$1,708.20)</u> |

Total (Load Shift) = \$25,632.50

Total (Load Shift True Up) = \$2,385.10

Consolidated Billing Report, ICAP Settlements – Example Month

| | | | |
|-----------------------|-------------|---|------------|
| Strip Auction | \$23,920.00 | } | 135,840.00 |
| Monthly Auction | \$74,440.00 | | |
| Spot Market Auction | \$37,480.00 | | |
| Supplementary Auction | \$0.00 | | |
| Load Shift | \$25,632.50 | | |
| Load Shift True Up | \$2,385.10 | | |

* Sign convention followed:
Positive: Charge to the MP
(Negative): Credit to the MP


| | |
|-----------------------------|---------------------|
| Total billed (Month) | \$163,857.60 |
|-----------------------------|---------------------|

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Topic:

Customer Settlements Interface (CSI)

Customer Settlements Interface – Weekly Invoices


Customer Settlements Interface
 Invoice Reports

Consolidated Invoice | Daily Reconciliation | Global Rates | TSC/NATC Rates | Working Capital | Metering Reconciliation

MP: Month: 05/

☒ Billing Period Schedule
☐ Invoice Schedule

| Billing Period Start Date | Billing Period End Date | Version |
|---------------------------|-------------------------|---------|
| Invoice Date: 02/07/ | | |
| 05/01 | 05/31 | 3 |
| 09/01 | 09/30 | 2 |
| 01/01 | 01/31 | 1 |
| Invoice Date: 05/11/ | | |
| 05/01 | 05/06 | 0.5 |
| Invoice Date: 05/18/ | | |
| 05/07 | 05/13 | 0.5 |
| Invoice Date: 05/25/ | | |
| 05/14 | 05/20 | 0.5 |
| Invoice Date: 06/01/ | | |
| 05/21 | 05/27 | 0.5 |
| Invoice Date: 06/07/ | | |
| 06/01 | 06/30 | 3 |
| 01/01 | 01/31 | 2 |
| 05/01 | 05/31 | 1 |
| Invoice Date: 10/07/ | | |
| 01/01 | 01/31 | 3 |
| 05/01 | 05/31 | 2 |
| 09/01 | 09/30 | 1 |

Weekly Invoices

Customer Settlements Interface – ICAP

Detail Report


| NYISO Market Participant ICAP Details - Invoice Dated May 11,20XX | | | | | | |
|---|-------------------|-------------------------|----------------------|---|---------------|--|
| Market Participant Name: | | | | Invoice Number: | | |
| ICAP Detail - Invoice with Flexible Billing Period | | | | | | |
| Flexible Billing Period of 05/01/20XX - 05/06/20XX | | | | | | |
| ICAP Auction Totals (\$) | <i>Divided by</i> | Number of Days in Month | <i>Multiplied by</i> | Number of Days in Flexible Billing Period | <i>Equals</i> | ICAP Transactions/Payment to Market Participant (\$) |
| (\$135,840.00) | / | 31 | x | 6 | = | (\$26,291.61) |

| NYISO Market Participant ICAP Details - Invoice Dated May 18, 20XX | | | | | | |
|--|-------------------|-------------------------|----------------------|---|---------------|--|
| Market Participant Name: | | | | Invoice Number: | | |
| ICAP Detail - Invoice with Flexible Billing Period | | | | | | |
| Flexible Billing Period of 05/07/20XX - 05/13/20XX | | | | | | |
| ICAP Auction Totals (\$) | <i>Divided by</i> | Number of Days in Month | <i>Multiplied by</i> | Number of Days in Flexible Billing Period | <i>Equals</i> | ICAP Transactions/Payment to Market Participant (\$) |
| (\$135,840.00) | / | 31 | x | 7 | = | (\$30,673.55) |

Note: Sign convention used
Positive: Credit to the MP
(Negative): Charge to the MP

Customer Settlements Interface – Monthly

Invoices

**Customer Settlements Interface**
Invoice Reports

Consolidated Invoice | Daily Reconciliation | Global Rates | TSC/NTAC Rates | Working Capital | Metering Reconciliation | Logout

MPs: 1 Month: 05/ 3 ☒ Billing Period Schedule ☐ Invoice Schedule [View](#)

[Invoice Summary Report](#) [Invoice Detail Report](#) [Adjustment Detail Report](#) [PrePayment Detail Report](#) [ICAP Detail Report](#) [Bad Debt Loss Detail Report](#)

| Billing Period Start Date | Billing Period End Date | Version |
|---------------------------|-------------------------|---------|
| Invoice Date: 02/07/ | | |
| 05/01 | 05/31 | 3 |
| 09/01 | 09/30 | 2 |
| 01/01 | 01/31 | 1 |
| Invoice Date: 05/11/ | | |
| 05/01 | 05/06 | 0.5 |
| Invoice Date: 05/18/ | | |
| 05/07 | 05/13 | 0.5 |
| Invoice Date: 05/25/ | | |
| 05/14 | 05/20 | 0.5 |
| Invoice Date: 06/01/ | | |
| 05/21 | 05/27 | 0.5 |
| Invoice Date: 06/07/ | | |
| 09/01 | 09/30 | 3 |
| 01/01 | 01/31 | 2 |
| 05/01 | 05/31 | 1 |
| Invoice Date: 10/07/ | | |
| 01/01 | 01/31 | 3 |
| 05/01 | 05/31 | 2 |
| 09/01 | 09/30 | 1 |

Monthly Invoice

2



Customer Settlements Interface – ICAP Detail Report

 New York ISO

| NYISO Market Participant ICAP Details - Invoice Dated June 07, 20XX | | | | |
|---|---------------------------|-------------------------|--|--|
| Market Participant Name: | | | Invoice Number: | |
| ICAP Detail - Invoice with Initial Month Billing Period | | | | |
| Flexible Invoice Date | Billing Period Start Date | Billing Period End Date | ICAP Transactions/Payment to Market Participant (\$) from Previous Invoices | |
| 5/11/20XX | 5/1/20XX | 5/6/20XX | (\$26,291.61) | |
| 5/18/20XX | 5/7/20XX | 5/13/20XX | (\$30,673.55) | |
| 5/25/20XX | 5/14/20XX | 5/20/20XX | (\$30,673.55) | |
| 6/1/20XX | 5/21/20XX | 5/27/20XX | (\$30,673.55) | |
| | | Flexible Total | (\$118,312.26) | |
| | | | | |
| ICAP Auction Totals with Load Shift and True-Up (\$) | <i>minus</i> | Flexible Total | <i>Equals</i> | ICAP Transactions/Payment to Market Participant (\$) |
| (\$163,857.60) | - | (\$118,312.26) | = | (\$45,545.34) |

Note: Sign convention used
Positive: Credit to the MP
(Negative): Charge to the MP

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Customer Settlements Interface- Invoice Summary Report

1

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ISO NEW YORK INDEPENDENT SYSTEM OPERATOR
Building The Energy Markets Of Tomorrow...Today

Customer Settlements Interface
Invoice Reports

Consolidated Invoice | Daily Reconciliation | Global Rates | TSC/NTAC Rates | Working Capital | Metering Reconciliation ▾ | Logout

MPs: Month: 05/ ☒ Billing Period Schedule ☐ Invoice Schedule

3

Invoice Summary Report

Invoice Detail Report

Adjustment Detail Report

PrePayment Detail Report

ICAP Detail Report

Bad Debt Loss Detail Report

| Billing Period Start Date | Billing Period End Date | Version |
|---|---|---------|
| Invoice Date: 02/07/ <input type="text"/> | | |
| <input type="text"/> 05/01 <input type="text"/> | <input type="text"/> 05/31 <input type="text"/> | 3 |
| <input type="text"/> 09/01 <input type="text"/> | <input type="text"/> 09/30 <input type="text"/> | 2 |
| <input type="text"/> 01/01 <input type="text"/> | <input type="text"/> 01/31 <input type="text"/> | 1 |
| Invoice Date: 05/11/ <input type="text"/> | | |
| <input type="text"/> 05/01 <input type="text"/> | <input type="text"/> 05/06 <input type="text"/> | 0.5 |
| Invoice Date: 05/18/ <input type="text"/> | | |
| <input type="text"/> 05/07 <input type="text"/> | <input type="text"/> 05/13 <input type="text"/> | 0.5 |
| Invoice Date: 05/25/ <input type="text"/> | | |
| <input type="text"/> 05/14 <input type="text"/> | <input type="text"/> 05/20 <input type="text"/> | 0.5 |
| Invoice Date: 06/01/ <input type="text"/> | | |
| <input type="text"/> 05/21 <input type="text"/> | <input type="text"/> 05/27 <input type="text"/> | 0.5 |
| Invoice Date: 06/07/ <input type="text"/> | | |
| <input type="text"/> 09/01 <input type="text"/> | <input type="text"/> 09/30 <input type="text"/> | 3 |
| <input type="text"/> 01/01 <input type="text"/> | <input type="text"/> 01/31 <input type="text"/> | 2 |
| <input type="text"/> 05/01 <input type="text"/> | <input type="text"/> 05/31 <input type="text"/> | 1 |
| Invoice Date: 10/07/ <input type="text"/> | | |
| <input type="text"/> 01/01 <input type="text"/> | <input type="text"/> 01/31 <input type="text"/> | 3 |
| <input type="text"/> 05/01 <input type="text"/> | <input type="text"/> 05/31 <input type="text"/> | 2 |
| <input type="text"/> 09/01 <input type="text"/> | <input type="text"/> 09/30 <input type="text"/> | 1 |

2

→

Monthly Invoice

Customer Settlements Interface – Invoice Summary Report

NYISO Market Participant Invoice Dated June 07, 20XX

Market Participant Name:

Invoice Number:

FBC Posting Date: 5/6/20XX

Invoice Issued: 6/7/20XX

Payment Due to the NYISO: 6/9/20XX

Total Charge to Market Participant:

| | May-20XX Initial Settlement Version 1 | Jan-20XX 4 Month Settlement Version 2 | Sep-20X(X-1) Final Bill Close- out Version 3 | Total |
|--|--|--|---|---------------|
| <u>Monthly Payments / (Charges)</u> | | | | |
| Power Supplier | | | | |
| Transmission Customer | | | | |
| Transmission Congestion Contract Holder | | | | |
| Transmission Owner | | | | |
| Demand Response Customer | | | | |
| Virtual Bidding Customer | | | | |
| Settlement Subtotal | | | | |
| Previous Version Settlement Subtotal | | | | |
| Total Current Settlement Subtotal | | | | |
| Adjustments | | | | |
| Interest Payment to (Charge to) Market Participant | | | | |
| Current Invoice Payment (Charge to) Market Participant | | | | |
| Prepayments | | | | |
| Net Payment to (Charge to) Market Participant | | | | |
| Working Capital Cash Transactions | | | | |
| <u>ICAP Transaction to Market Participant</u> | | | | |
| Bad Debt Loss | | | | |
| | | | | (\$45,545.34) |
| | | | | Invoice Total |

*** Sign convention used:**
Positive: Credit to the MP
(Negative): Charge to the MP

Learner's Activity

For the May Monthly auction, a supplier is awarded 100 MW of UCAP in NYC at a clearing price of \$3.1/kW – Month

There are 4 days in the flexible invoice period

What is the settlement for this supplier for the 'weekly' invoice?

\$70,000

\$40,000

\$10,000

\$31,000

Summary: Topics of Discussion

- The ICAP Auction Award Settlement
- Two NYISO applications where ICAP billing information can be found
 - The Settlement information found in the Consolidated billing menu of the ICAP Automated Market System (AMS)
 - The Settlement information in the Customer Settlements Interface (CSI)

Additional Resources

- **Tariffs: OATT and MST**
- **Installed Capacity Manual**
- **ICAP Automated Market System User's Guide**
- **Settlement Data Applications User's Guide (CSI User Guide)**