

California ISO Readiness Notes

Title: Improving the data quality broadcast in the current PIWS

Expected Production Date: October 31, 2023

Link to associated training documents (if applicable):

Contact: CustomerReadiness@caiso.com or submit a CIDI ticket

TCR(s) or Project Associated: PI Web Services (PIWS) Redesign 1a

Details: The following changes is effective as of Tuesday, October 31, 2023:

The California ISO implemented changes as part of the Plant Information Web Services (PIWS) Redesign project to improve the data quality displayed in the Automated Load Forecast System (ALFS) and Open Access Same Time Information System (OASIS) applications. This effort addresses the data quality broadcast in the current PIWS that is causing data discrepancies in the respective systems.

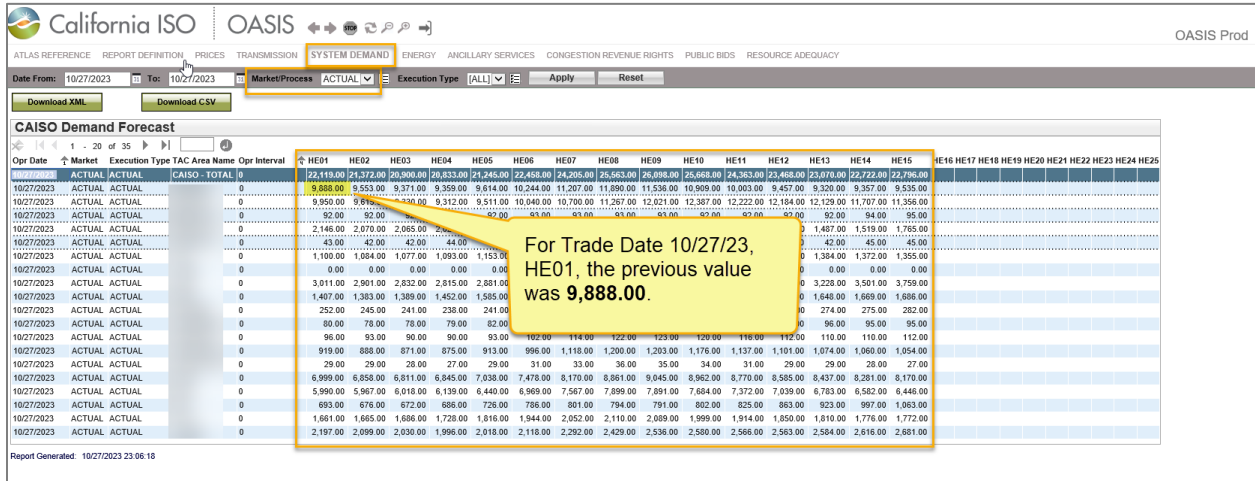
Effective Date:

This improvement will be applied to trade date (TD) 10/31/2023 going forward.

Example:

Market Participants can expect to see some slight value changes after the data quality improvement. Below is an example the values displayed in OASIS > SYSTEM DEMAND tab > CAISO Demand Forecast Report. For the Market/Process drop down, select 'ACTUAL' and click Apply.

Data before



California ISO OASIS SYSTEM DEMAND ENERGY ANCILLARY SERVICES CONGESTION REVENUE RIGHTS PUBLIC BIDS RESOURCE ADEQUACY

Date From: 10/27/2023 To: 10/27/2023 Market/Process: ACTUAL Execution Type: [ALL] Apply Reset

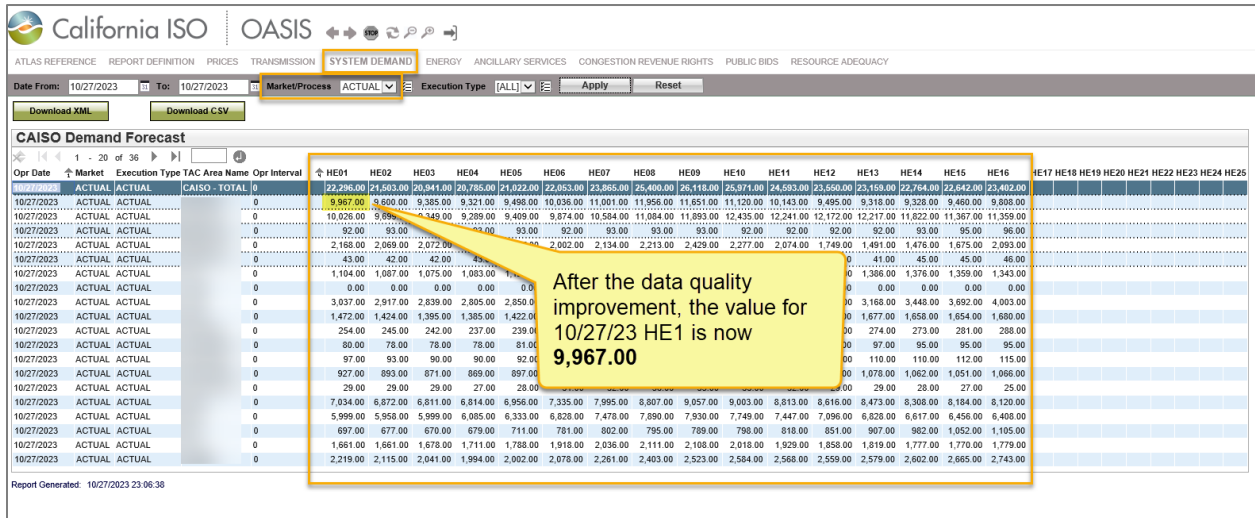
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CAISO Demand Forecast

Opr Date	Market	Execution Type	TAC Area Name	Opr Interval	HE01	HE02	HE03	HE04	HE05	HE06	HE07	HE08	HE09	HE10	HE11	HE12	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20	HE21	HE22	HE23	HE24	HE25			
10/27/2023	ACTUAL	ACTUAL	CAISO - TOTAL	0	22,418.00	21,272.00	20,900.00	20,823.00	21,245.00	22,456.00	24,206.00	25,573.00	26,098.00	26,653.00	24,262.00	25,468.00	23,070.00	22,722.00	22,690.00													
10/27/2023	ACTUAL	ACTUAL		0	9,888.00	5,553.00	8,371.00	9,359.00	9,814.00	10,244.00	11,207.00	11,590.00	11,526.00	10,969.00	10,903.00	8,457.00	5,300.00	9,357.00	9,535.00													
10/27/2023	ACTUAL	ACTUAL		0	92.00	92.00	92.00	92.00	92.00	93.00	93.00	93.00	93.00	92.00	92.00	92.00	92.00	94.00	95.00													
10/27/2023	ACTUAL	ACTUAL		0	2,148.00	2,070.00	2,085.00	2,085.00	2,085.00	2,085.00	2,085.00	2,085.00	2,085.00	2,085.00	2,085.00	2,085.00	2,085.00	2,085.00	2,085.00	1,487.00	1,519.00	1,765.00										
10/27/2023	ACTUAL	ACTUAL		0	43.00	42.00	42.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	42.00	45.00	45.00										
10/27/2023	ACTUAL	ACTUAL		0	1,100.00	1,064.00	1,077.00	1,093.00	1,153.00	1,153.00	1,153.00	1,153.00	1,153.00	1,153.00	1,153.00	1,153.00	1,153.00	1,153.00	1,153.00	1,304.00	1,372.00	1,355.00										
10/27/2023	ACTUAL	ACTUAL		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										
10/27/2023	ACTUAL	ACTUAL		0	3,011.00	2,901.00	2,832.00	2,815.00	2,861.00	2,861.00	2,861.00	2,861.00	2,861.00	2,861.00	2,861.00	2,861.00	2,861.00	2,861.00	2,861.00	3,228.00	3,561.00	3,759.00										
10/27/2023	ACTUAL	ACTUAL		0	1,407.00	1,383.00	1,389.00	1,452.00	1,585.00	1,585.00	1,585.00	1,585.00	1,585.00	1,585.00	1,585.00	1,585.00	1,585.00	1,585.00	1,585.00	1,648.00	1,669.00	1,686.00										
10/27/2023	ACTUAL	ACTUAL		0	252.00	245.00	241.00	236.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	241.00	274.00	275.00	282.00										
10/27/2023	ACTUAL	ACTUAL		0	80.00	78.00	78.00	79.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	96.00	95.00	95.00										
10/27/2023	ACTUAL	ACTUAL		0	96.00	93.00	90.00	90.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	110.00	110.00	112.00										
10/27/2023	ACTUAL	ACTUAL		0	919.00	888.00	871.00	875.00	913.00	913.00	913.00	913.00	913.00	913.00	913.00	913.00	913.00	913.00	913.00	1,074.00	1,060.00	1,054.00										
10/27/2023	ACTUAL	ACTUAL		0	29.00	29.00	28.00	27.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	28.00	27.00									
10/27/2023	ACTUAL	ACTUAL		0	6,999.00	6,856.00	6,811.00	6,845.00	7,038.00	7,478.00	8,170.00	8,861.00	9,045.00	8,962.00	8,770.00	8,585.00	8,437.00	8,281.00	8,170.00													
10/27/2023	ACTUAL	ACTUAL		0	5,990.00	5,967.00	6,018.00	6,139.00	6,440.00	6,969.00	7,567.00	7,899.00	7,891.00	7,684.00	7,372.00	7,039.00	6,783.00	6,582.00	6,446.00													
10/27/2023	ACTUAL	ACTUAL		0	693.00	676.00	672.00	686.00	726.00	786.00	801.00	794.00	791.00	802.00	825.00	863.00	923.00	997.00	1,063.00													
10/27/2023	ACTUAL	ACTUAL		0	1,661.00	1,665.00	1,686.00	1,728.00	1,816.00	1,944.00	2,052.00	2,110.00	2,069.00	1,999.00	1,914.00	1,850.00	1,810.00	1,776.00	1,772.00													
10/27/2023	ACTUAL	ACTUAL		0	2,197.00	2,099.00	2,030.00	1,996.00	2,018.00	2,118.00	2,292.00	2,429.00	2,536.00	2,580.00	2,566.00	2,563.00	2,584.00	2,616.00	2,681.00													

Report Generated: 10/27/2023 23:06:18

Data after



California ISO OASIS SYSTEM DEMAND ENERGY ANCILLARY SERVICES CONGESTION REVENUE RIGHTS PUBLIC BIDS RESOURCE ADEQUACY

Date From: 10/27/2023 To: 10/27/2023 Market/Process: ACTUAL Execution Type: [ALL] Apply Reset

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CAISO Demand Forecast

Opr Date	Market	Execution Type	TAC Area Name	Opr Interval	HE01	HE02	HE03	HE04	HE05	HE06	HE07	HE08	HE09	HE10	HE11	HE12	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20	HE21	HE22	HE23	HE24	HE25		
10/27/2023	ACTUAL	ACTUAL	CAISO - TOTAL	0	22,296.00	21,503.00	20,941.00	20,785.00	21,622.00	22,053.00	23,865.00	25,400.00	26,118.00	25,971.00	24,693.00	23,660.00	23,159.00	22,764.00	22,642.00	23,402.00											
10/27/2023	ACTUAL	ACTUAL		0	9,967.00	5,600.00	9,385.00	9,321.00	9,486.00	10,036.00	11,001.00	11,956.00	11,651.00	11,120.00	10,143.00	9,495.00	9,318.00	9,328.00	9,460.00	9,808.00											
10/27/2023	ACTUAL	ACTUAL		0	10,026.00	9,886.00	9,349.00	9,209.00	9,409.00	9,874.00	10,584.00	11,064.00	11,093.00	12,435.00	12,241.00	12,172.00	12,217.00	11,822.00	11,307.00	11,359.00											
10/27/2023	ACTUAL	ACTUAL		0	92.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	95.00	96.00								
10/27/2023	ACTUAL	ACTUAL		0	2,168.00	2,069.00	2,072.00	2,072.00	2,072.00	2,072.00	2,072.00	2,072.00	2,072.00	2,072.00	2,072.00	2,072.00	2,072.00	2,072.00	2,072.00	1,481.00	1,476.00	1,675.00	2,093.00								
10/27/2023	ACTUAL	ACTUAL		0	1,104.00	1,087.00	1,075.00	1,083.00	1,111.00	1,111.00	1,111.00	1,111.00	1,111.00	1,111.00	1,111.00	1,111.00	1,111.00	1,111.00	1,111.00	1,386.00	1,376.00	1,359.00	1,343.00								
10/27/2023	ACTUAL	ACTUAL		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
10/27/2023	ACTUAL	ACTUAL		0	3,037.00	2,917.00	2,839.00	2,805.00	2,850.00	2,850.00	2,850.00	2,850.00	2,850.00	2,850.00	2,850.00	2,850.00	2,850.00	2,850.00	2,850.00	3,168.00	3,448.00	3,692.00	4,003.00								
10/27/2023	ACTUAL	ACTUAL		0	1,472.00	1,424.00	1,395.00	1,385.00	1,422.00	1,422.00	1,422.00	1,422.00	1,422.00	1,422.00	1,422.00	1,422.00	1,422.00	1,422.00	1,422.00	1,677.00	1,658.00	1,654.00	1,680.00								
10/27/2023	ACTUAL	ACTUAL		0	254.00	245.00	242.00	237.00	239.00	239.00	239.00	239.00	239.00	239.00	239.00	239.00	239.00	239.00	239.00	274.00	273.00	281.00	288.00								
10/27/2023	ACTUAL	ACTUAL		0	80.00	78.00	78.00	78.00	81.00	81.00	81.00	81.00	81.00	81.00	81.00	81.00	81.00	81.00	81.00	97.00	95.00	95.00	95.00								
10/27/2023	ACTUAL	ACTUAL		0	97.00	93.00	90.00	90.00	92.00	92.00	92.00	92.00	92.00	92.00	92.00	92.00	92.00	92.00	92.00	110.00	110.00	112.00	115.00								
10/27/2023	ACTUAL	ACTUAL		0	927.00	893.00	871.00	869.00	897.00	897.00	897.00	897.00	897.00	897.00	897.00	897.00	897.00	897.00	897.00	1,078.00	1,062.00	1,051.00	1,056.00								
10/27/2023	ACTUAL	ACTUAL		0	29.00	29.00	29.00	27.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	29.00	28.00	27.00	25.00								
10/27/2023	ACTUAL	ACTUAL		0	7,034.00	6,872.00	6,811.00	6,814.00	6,956.00	7,335.00	7,995.00	8,807.00	9,057.00	9,003.00	8,813.00	8,616.00	8,473.00	8,308.00	8,184.00	8,120.00											
10/27/2023	ACTUAL	ACTUAL		0	5,999.00	5,950.00	5,999.00	6,085.00	6,333.00	6,828.00	7,478.00	7,890.00	7,930.00	7,749.00	7,4																