NOVEMBER 10, 2026

Enabling Resources Program (ERP) Storage and Co-located Hybrid Integration Project

Phase 1, Batch 2 Market Design — Day-Ahead Market Make-Whole Payment Proposed Hourly and Assessment Period Evaluation

Independent Electricity System Operator

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Territory Acknowledgement

The IESO acknowledges the land from where we are delivering today's webinar is the traditional territory of many nations including the Mississaugas of the Credit, the Anishinaabeg, the Chippewa, the Haudenosaunee and the Wendat peoples, and is now home to many diverse First Nations, Inuit and Métis peoples. We also acknowledge that Toronto is covered by Treaty 13 with the Mississaugas of the Credit First Nation.

As we have attendees from across Ontario, the IESO would also like to acknowledge all the traditional territories across the province, which include those of the Algonquin, Anishinaabeg, Ojibwe, Cree, Oji-Cree, Huron-Wendat, Haudenosaunee, Métis, and Inuit peoples.

Engagement Principles

This engagement is conducted in accordance with the IESO's External Engagement Framework, which includes the following principles:

- **Purposeful** – Initiate meaningful conversations that move the sector forward
- **Inclusive** – Invite many voices and diverse perspectives to the table
- **Timely** – Seek input and insight when it can have the most impact
- **Accessible** – Ensure we meet people where they are on their energy journey
- **Traceable** – Allow everyone to follow the path that is being taken
- **Transparent** – Show how engagement helped shape the final outcome

Shared Commitment to Respectful Participation

To support a focused and constructive discussion:

- We will take questions one at a time; please use the raise-hand feature to enter the speaking queue
- We encourage concise and focused comments to allow time for multiple perspectives
- Participants are encouraged to raise relevant points during the discussion and provide more detailed feedback through the written submission process
- We ask that all participants maintain a respectful and professional tone throughout the session
- Facilitators will guide the discussion and manage participation to stay aligned with today's focus and agenda
- Where necessary, we may disable a participant's microphone to manage participation

Agenda

- Day-Ahead Market Make-Whole Payment (Recap)
- Rationale for Change
- Proposed DAM MWP: Hourly and Assessment Period Evaluation
- Examples of Proposed DAM MWP: Hourly and Assessment Periods
- Next Steps and Feedback
- Appendix: Data Tables for DAM MWP Examples

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Day-Ahead Market Make-Whole Payment (Recap)

- The DAM MWP is intended to encourage Single Model Storage Resources (SMSR) to follow IESO dispatch schedules without fearing a financial loss.
- This is accomplished by seeking to cover losses when the resource is scheduled uneconomically in the day-ahead market.
- Given that the DAM calculation engine optimizes over the entire day, the design in the May 11, 2026 Memo provides a DAM MWP only if there was a shortfall in payment over the entire trade day.

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Rationale for Change

- **Stakeholder Feedback**: Feedback following the May 22 and August 6, 2026, sessions highlighted concerns regarding the offsetting of shortfalls with operating profit earned and evaluated over the entire trade day.
- **IESO's Response**: Following feedback on the August 6, 2026 session, the IESO proposed an update to the SMSR settlement design to identify hours that are not linked and to exclude them from netting.
- **Energy Limited Resources:** Consistency in treatment with other energy-limited resources, and in considering state of charge for storage resources.

New Proposed DAM MWP: Hourly and Assessment Period Evaluation

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New Proposed DAM MWP Hourly and Assessment Period

Settlements Memo 1.0 (May 11, 2026): entire trade day

- DAM MWP is assessed as a group of hours that spans over the entire trade day.
- Shortfalls in hours scheduled beyond the DAM LC EOP are offset against the full operating profit at the DAM schedule in every hour of the trade day with positive operating profit.

New proposed approach: hourly, and assessment periods

- DAM MWP is assessed hourly for each settlement hour not within an assessment period, and as a set of hours for each assessment period, up to 24 hours.
- Within an assessment period, shortfalls are offset by OP at the DAM schedule net of OP at the DAM LC EOP.

- The start of an assessment period is defined by, and includes, the settlement hour in which at hour-end, the DAM SoC differs from the DAM LC EOP SoC. The assessment period ends with, and includes, the earlier of the settlement hour in which, at hour-end, the DAM SoC equals the DAM LC EOP SoC, or the last settlement hour of the trade day.

New Proposed DAM MWP Hourly and Assessment Period

- The revised DAM MWP equations for SMSRs:

$$DAM_MWP_{k,h}^{m} = Max\left(0,\ DAM_COMP1_{k,h}^{m} + DAM_COMP2_{k,\mathrm{h}}^{m}\right)$$

$$DAM_MWP_{k,a}^{m} = Max\left(0,\ DAM_COMP1_{k,a}^{m} + DAM_COMP2_{k,\mathrm{a}}^{m}\right)$$

Where:

'h' is a settlement hour within a trade day;

'a' is the set of hours that is within an assessment period in a trade day; and

DAM MWP applies to each settlement hour 'h' not within an assessment period, and to each assessment period 'a'.

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New Proposed DAM MWP: Hourly

When SMSR is dispatched to generate energy

a. For a settlement hour not within an assessment period:

$$DAM_COMP1_{k,h}^{m} = (-1) \times \left[OP\left(DAM_LMP_{h}^{m}, DAM_QSI_{k,h}^{m}, DAM_BES_{k,h}^{m}\right) - OP\left(DAM_LMP_{h}^{m}, DAM_EOP_{k,h}^{m}, DAM_BES_{k,h}^{m}\right)\right]$$

When SMSR is dispatched to withdraw energy

a. For a settlement hour not within an assessment period:

$$DAM_COMP1_{k,h}^{m} = (-1) \times \left[OP\left(DAM_LMP_{h}^{m}, DAM_QSW_{k,h}^{m}, DAM_BES_{k,h}^{m}\right) - OP\left(DAM_LMP_{h}^{m}, DAM_EOP_{k,h}^{m}, DAM_BES_{k,h}^{m}\right)\right]$$

'h' is a settlement hour within a trade day.

*DAM_QSW is represented as a negative value for withdrawal.

New Proposed DAM MWP: Hourly

When SMSR is scheduled to provide operating reserve

a. For a settlement hour not within an assessment period:

$$DAM_COMP2^{m}_{k,h} = (-1) \times \sum_{R} \left[OP\left(DAM_PROR^{m}_{r,h}, DAM_QSOR^{m}_{r,k,h}, DAM_BOR^{m}_{r,k,h}\right) - OP\left(DAM_PROR^{m}_{r,h}, DAM_\mathrm{OR}_EOP^{m}_{r,k,h}, DAM_BOR^{m}_{r,k,h}\right) \right]$$

'h' is a settlement hour within a trade day;

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New Proposed DAM MWP: Assessment Period

When SMSR is dispatched to generate energy

b. For an assessment period, 'a':

$$DAM_COMP1^{m}_{k,a} = (-1) \times \left\{ \left(\sum_{Hp_a} \left[OP\left(DAM_LMP^{m}_{h}, DAM_QSI^{m}_{k,h}, DAM_BES^{m}_{k,h}\right) - OP\left(DAM_LMP^{m}_{h}, DAM_EOP^{m}_{k,h}, DAM_BES^{m}_{k,h}\right) \right] \right) + \left(\sum_{Hn_a} \left[OP\left(DAM_LMP^{m}_{h}, DAM_QSI^{m}_{k,h}, DAM_BES^{m}_{k,h}\right) - OP\left(DAM_LMP^{m}_{h}, DAM_EOP^{m}_{k,h}, DAM_BES^{m}_{k,h}\right) \right] \right) \right\}$$

Hp_a is the set of hours in the assessment period 'a' where the operating profit at DAM_QSI is positive; and

Hn_a is the set of hours in the assessment period 'a' where the operating profit at DAM_QSI is negative and DAM_QSI is greater than DAM_EOP.

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New Proposed DAM MWP: Assessment Period

When SMSR is dispatched to withdraw energy

b. For an assessment period, 'a':

$$DAM_COMP1^{m}_{k,a} = (-1) \times \left\{ \left(\sum_{Hp_a} \left[OP\left(DAM_LMP^{m}_{h}, DAM_QSW^{m}_{k,h}, DAM_BES^{m}_{k,h}\right) - OP\left(DAM_LMP^{m}_{h}, DAM_EOP^{m}_{k,h}, DAM_BES^{m}_{k,h}\right) \right] \right) + \left(\sum_{Hn_a} \left[OP\left(DAM_LMP^{m}_{h}, DAM_QSW^{m}_{k,h}, DAM_BES^{m}_{k,h}\right) - OP\left(DAM_LMP^{m}_{h}, DAM_EOP^{m}_{k,h}, DAM_BES^{m}_{k,h}\right) \right] \right) \right\}$$

Hp_a is the set of hours in the assessment period 'a' where the operating profit at DAM_QSW is positive; and

Hn_a is the set of hours in the assessment period 'a' where the operating profit at DAM_QSW is negative and DAM_EOP is greater than DAM_QSW.

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New Proposed DAM MWP: Assessment Period

When SMSR is scheduled to provide operating reserve

b. For an assessment period, 'a':

$$DAM_COMP2^{m}_{k,a} = (-1) \times \left\{ \left(\sum_{Hp_a} \sum_{R} \left[OP\left(DAM_PROR^{m}_{r,h}, DAM_QSOR^{m}_{r,k,h}, DAM_BOR^{m}_{r,k,h}\right) - OP\left(DAM_PROR^{m}_{r,h}, DAM_OR_EOP^{m}_{r,k,h}, DAM_BOR^{m}_{r,k,h}\right) \right] \right) + \left(\sum_{Hn_a} \sum_{R} \left[OP\left(DAM_PROR^{m}_{r,h}, DAM_QSOR^{m}_{r,k,h}, DAM_BOR^{m}_{r,k,h}\right) - OP\left(DAM_PROR^{m}_{r,h}, DAM_\mathrm{OR}_EOP^{m}_{r,k,h}, DAM_BOR^{m}_{r,k,h}\right) \right] \right) \right\}$$

Hp_a is the set of hours in the assessment period 'a' where the operating profit at DAM_QSOR is positive; and

Hn_a is the set of hours in the assessment period 'a' where the operating profit at DAM_QSOR is negative and DAM_QSOR is greater than DAM_OR_EOP.

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Examples of New Proposed DAM MWP: Hourly and Assessment Periods

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Example 1: Scheduled in DAM at DAM LC EOP

PMAX (MW)	PMIN (MW)	MaxSoC (MWh)	MinSoC (MWh)	ISoC (MWh)	Cycle efficiency	CycleDEL (MWh)
200	-200	900	100	100	0.85	800

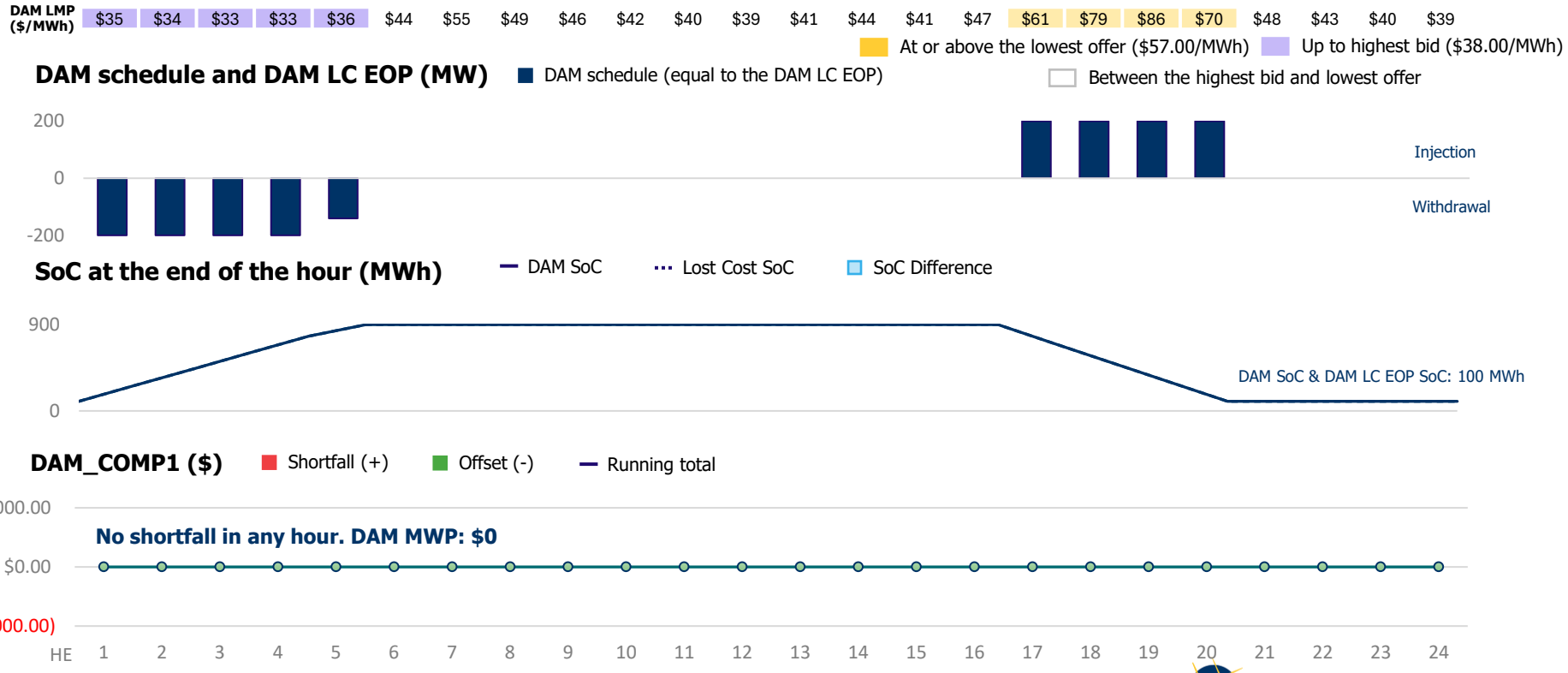
P/Q pair	1	2	3	4	5	6	7	8	9
Price ($/MWh)	$36.50	$37.00	$37.50	$38.00	$57.00	$57.00	$58.00	$59.00	$60.00
Quantity (MW)	-200	-150	-100	-50	0	50	100	150	200

Hour ending	HE1	HE2	HE3	HE4	HE5	HE6	HE7	HE8	HE9	HE10	HE11	HE12
DAM LMP ($/MWh)	$35	$34	$33	$33	$36	$44	$55	$49	$46	$42	$40	$39
DAM schedule (MW)	-200	-200	-200	-200	-141.176	0	0	0	0	0	0	0
DAM LC EOP (MW)	-200	-200	-200	-200	-141.176	0	0	0	0	0	0	0

Hour ending	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20	HE21	HE22	HE23	HE24
DAM LMP ($/MWh)	$41	$44	$41	$47	$61	$79	$86	$70	$48	$43	$40	$39
DAM schedule (MW)	0	0	0	0	200	200	200	200	0	0	0	0
DAM LC EOP (MW)	0	0	0	0	200	200	200	200	0	0	0	0

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Example 1: Scheduled in DAM at DAM LC EOP



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Example 2: Scheduled Uneconomically for Withdrawal

PMAX (MW)	PMIN (MW)	MaxSoC (MWh)	MinSoC (MWh)	ISoC (MWh)	Cycle efficiency	CycleDEL (MWh)
200	-200	900	100	100	0.85	800

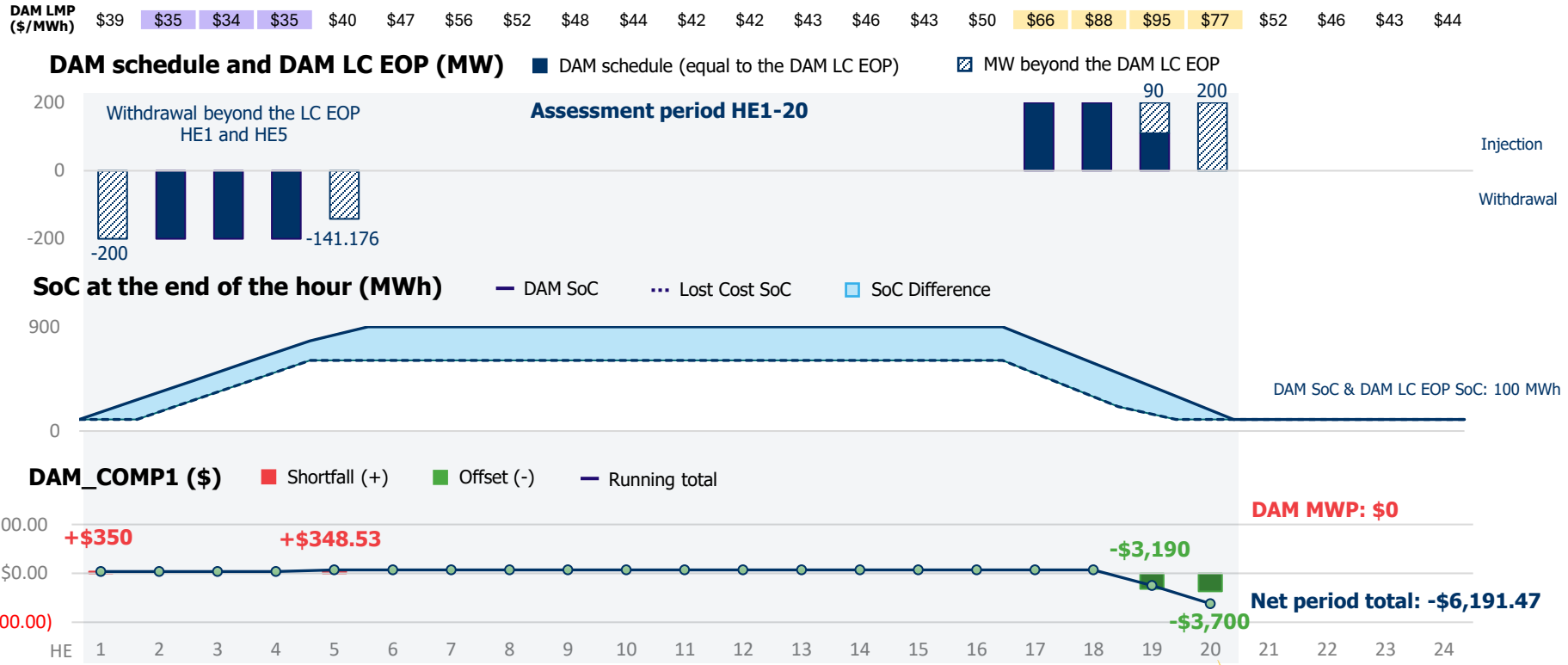
P/Q pair	1	2	3	4	5	6	7	8	9
Price ($/MWh)	$36.50	$37.00	$37.50	$38.00	$57.00	$57.00	$58.00	$59.00	$60.00
Quantity (MW)	-200	-150	-100	-50	0	50	100	150	200

Hour ending	HE1	HE2	HE3	HE4	HE5	HE6	HE7	HE8	HE9	HE10	HE11	HE12
DAM LMP ($/MWh)	$39	$35	$34	$35	$40	$47	$56	$52	$48	$44	$42	$42
DAM schedule (MW)	-200	-200	-200	-200	-141.176	0	0	0	0	0	0	0
DAM LC EOP (MW)	0	-200	-200	-200	0	0	0	0	0	0	0	0

Hour ending	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20	HE21	HE22	HE23	HE24
DAM LMP ($/MWh)	$43	$46	$43	$50	$66	$88	$95	$77	$52	$46	$43	$44
DAM schedule (MW)	0	0	0	0	200	200	200	200	0	0	0	0
DAM LC EOP (MW)	0	0	0	0	200	200	110	0	0	0	0	0

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Example 2: Scheduled Uneconomically for Withdrawal



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Example 3: Two Assessment Periods in a Single Day

PMAX (MW)	PMIN (MW)	MaxSoC (MWh)	MinSoC (MWh)	ISoC (MWh)	Cycle efficiency	CycleDEL (MWh)
200	-200	900	100	100	0.85	800

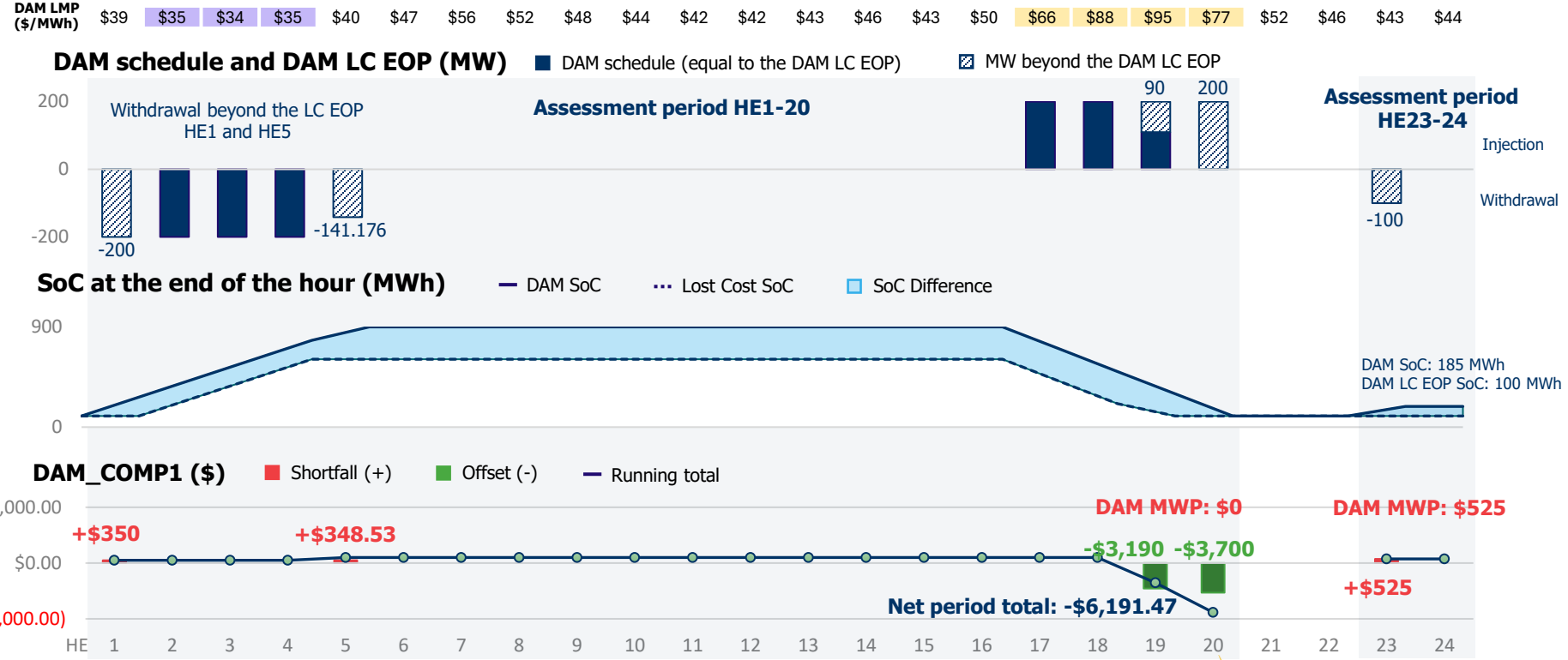
P/Q pair	1	2	3	4	5	6	7	8	9
Price ($/MWh)	$36.50	$37.00	$37.50	$38.00	$57.00	$57.00	$58.00	$59.00	$60.00
Quantity (MW)	-200	-150	-100	-50	0	50	100	150	200

Hour ending	HE1	HE2	HE3	HE4	HE5	HE6	HE7	HE8	HE9	HE10	HE11	HE12
DAM LMP ($/MWh)	$39	$35	$34	$35	$40	$47	$56	$52	$48	$44	$42	$42
DAM schedule (MW)	-200	-200	-200	-200	-141.176	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DAM LC EOP (MW)	0	-200	-200	-200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Hour ending	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20	HE21	HE22	HE23	HE24
DAM LMP ($/MWh)	$43	$46	$43	$50	$66	$88	$95	$77	$52	$46	$43	$44
DAM schedule (MW)	0.00	0.00	0.00	0.00	200.00	200.00	200.00	200.00	0.00	0.00	-100.00	0.00
DAM LC EOP (MW)	0.00	0.00	0.00	0.00	200.00	200.00	110.00	0.00	0.00	0.00	0.00	0.00

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Example 3: Two Assessment Periods in a Single Day



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Example 4: August 6, 2026 Session (Example 1)

PMAX (MW)	PMIN (MW)	MaxSoC (MWh)	MinSoC (MWh)	ISoC (MWh)	Cycle efficiency	CycleDEL (MWh)
200	-200	900	100	100	0.95	800

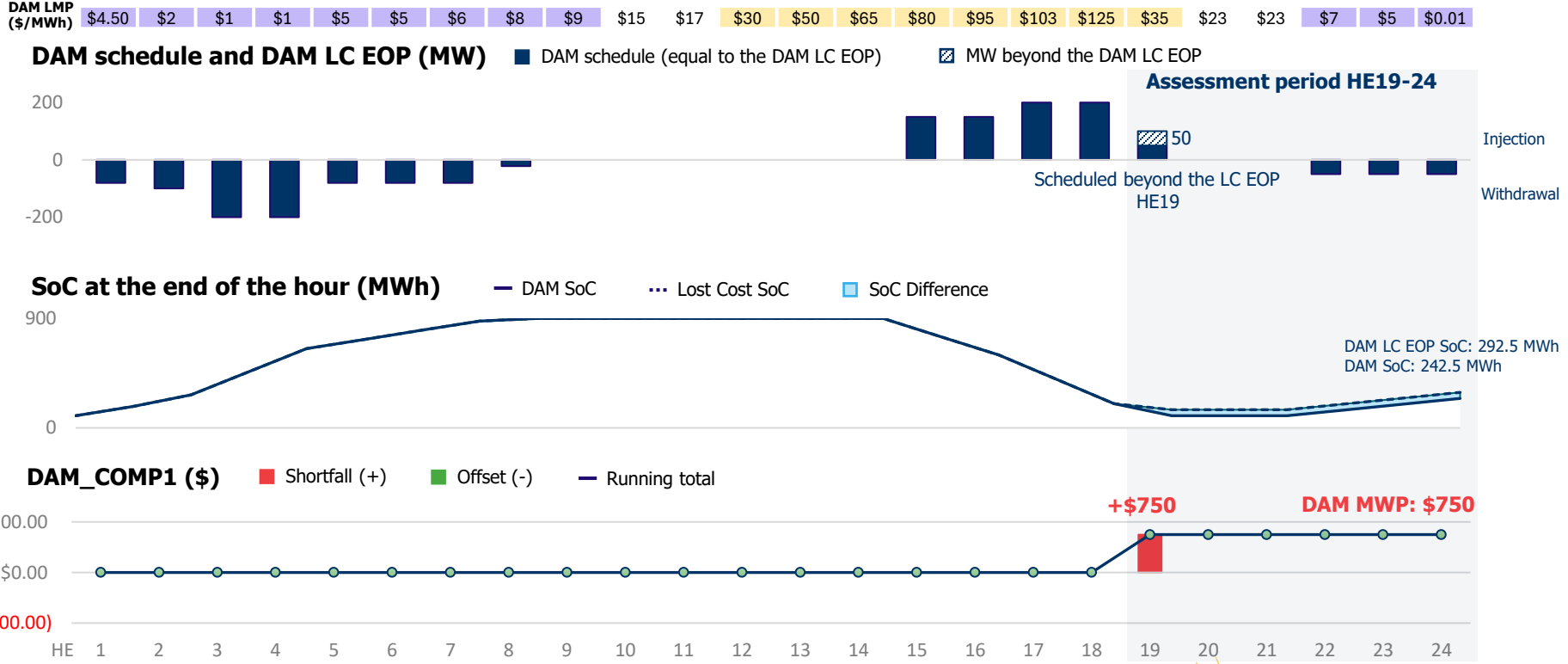
P/Q pair	1	2	3	4	5	6	7	8	9
Price ($/MWh)	$1.00	$2.50	$6.00	$10.00	$25.00	$25.00	$50.00	$75.00	$100.00
Quantity (MW)	-200	-100	-80	-50	0.00	50	100	150	200

Hour ending	HE1	HE2	HE3	HE4	HE5	HE6	HE7	HE8	HE9	HE10	HE11	HE12
DAM LMP ($/MWh)	$4.50	$2	$1	$1	$5	$5	$6	$8	$9	$15	$17	$30
DAM schedule (MW)	-80	-100	-200	-200	-80	-80	-80	-22.10	0	0	0	0
DAM LC EOP (MW)	-80	-100	-200	-200	-80	-80	-80	-22.10	0	0	0	0

Hour ending	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20	HE21	HE22	HE23	HE24
DAM LMP ($/MWh)	$50	$65	$80	$95	$103	$125	$35	$23	$23	$7	$5	$0.01
DAM schedule (MW)	0	0	150	150	200	200	100	0	0	-50	-50	-50
DAM LC EOP (MW)	0	0	150	150	200	200	50	0	0	-50	-50	-50

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Example 4: August 6, 2026 Session (Example 1)



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Example 5: DAM MWP Assessment (Energy and OR 10S)

Energy offers and bids as in Example 1

PMAX (MW)	PMIN (MW)	MaxSoC (MWh)	MinSoC (MWh)	ISoC (MWh)	Cycle efficiency	CycleDEL (MWh)
200	-200	900	100	100	0.85	800

10S quantity (MW)	0 to 40	40 to 120	120 to 160	160 to 200
10S price ($/MW)	0.05	0.50	1.50	3.00

40 MW 120 MW 160 MW 200 MW

10S MW scheduled: offered at $3.00/MW, priced at $2.00/MW

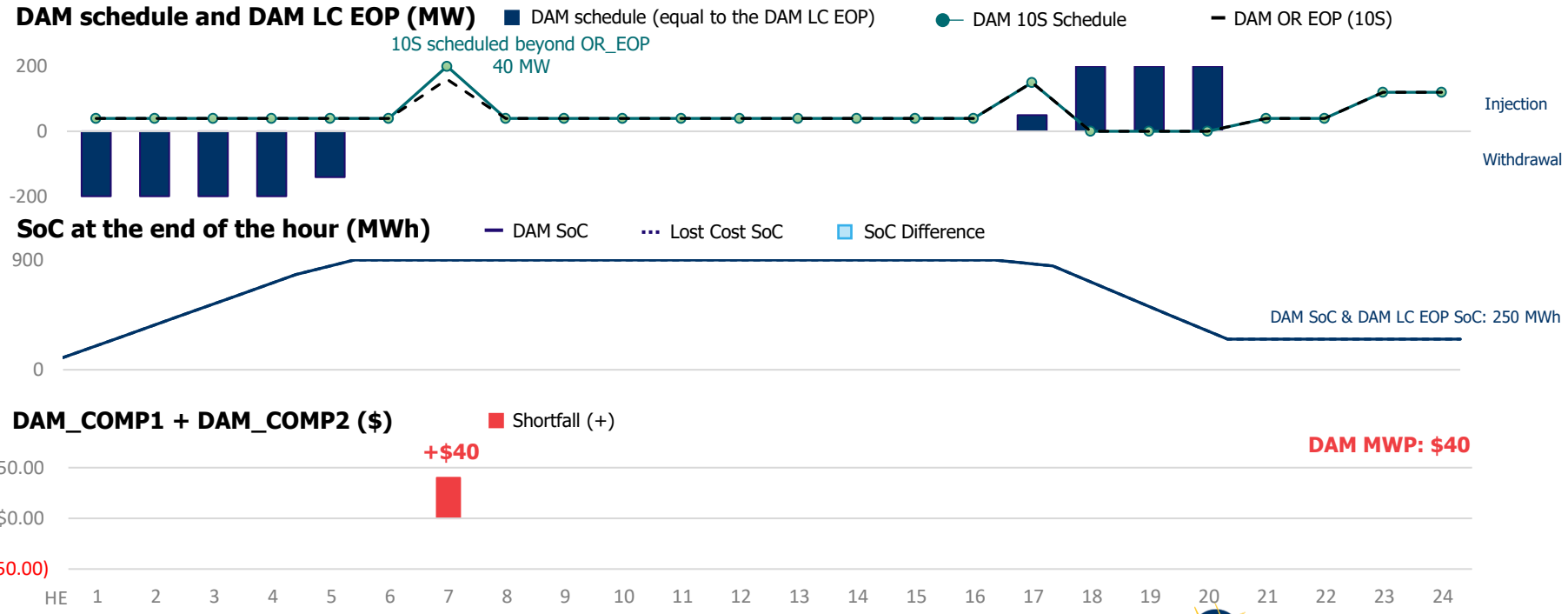
Hour ending	HE1	HE2	HE3	HE4	HE5	HE6	HE7	HE8	HE9	HE10	HE11	HE12
DAM LMP ($/MWh)	$35.00	$34.00	$33.00	$33.00	$36.00	$44.00	$55.00	$49.00	$46.00	$42.00	$40.00	$39.00
DAM OR 10S LMP ($/MWh)	$0.20	$0.20	$0.20	$0.10	$0.10	$0.10	$2.00	$0.10	$0.10	$0.09	$0.09	$0.09
DAM schedule (MW)	-200.00	-200.00	-200.00	-200.00	-141.176	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DAM LC EOP (MW)	-200.00	-200.00	-200.00	-200.00	-141.176	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DAM 10S schedule (MW)	40.00	40.00	40.00	40.00	40.00	40.00	200.00	40.00	40.00	40.00	40.00	40.00
DAM OR EOP (MW)	40.00	40.00	40.00	40.00	40.00	40.00	160.00	40.00	40.00	40.00	40.00	40.00

Hour ending	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20	HE21	HE22	HE23	HE24
DAM LMP ($/MWh)	$41.00	$44.00	$41.00	$47.00	$61.00	$79.00	$86.00	$70.00	$48.00	$43.00	$40.00	$39.00
DAM OR 10S LMP ($/MWh)	$0.10	$0.10	$0.10	$0.15	$4.99	$5.00	$10.99	$4.99	$0.10	$0.17	$0.60	$0.84
DAM schedule (MW)	0.00	0.00	0.00	0.00	50.00	200.00	200.00	200.00	0.00	0.00	0.00	0.00
DAM LC EOP (MW)	0.00	0.00	0.00	0.00	50.00	200.00	200.00	200.00	0.00	0.00	0.00	0.00
DAM 10S schedule (MW)	40.00	40.00	40.00	40.00	150.00	0.00	0.00	0.00	40.00	40.00	120.00	120.00
DAM OR EOP (MW)	40.00	40.00	40.00	40.00	150.00	0.00	0.00	0.00	40.00	40.00	120.00	120.00

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Example 5: DAM MWP Assessment (Energy and OR 10S)

	HE 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DAM LMP ($/MWh)	$35	$34	$33	$33	$36	$44	$55	$49	$46	$42	$40	$39	$41	$44	$41	$47	$61	$79	$86	$70	$48	$43	$40	$39
DAM OR 10S LMP ($/MWh)	$0.20	$0.20	$0.20	$0.10	$0.10	$0.10	$2.00	$0.10	$0.10	$0.09	$0.09	$0.09	$0.10	$0.10	$0.10	$0.15	$4.99	$5.00	$10.99	$4.99	$0.10	$0.17	$0.60	$0.84



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Example 6: Two Assessment Periods in a Single Day

PMAX (MW)	PMIN (MW)	MaxSoC (MWh)	MinSoC (MWh)	ISoC (MWh)	Cycle efficiency	CycleDEL (MWh)
200	-200	900	100	100	0.85	800

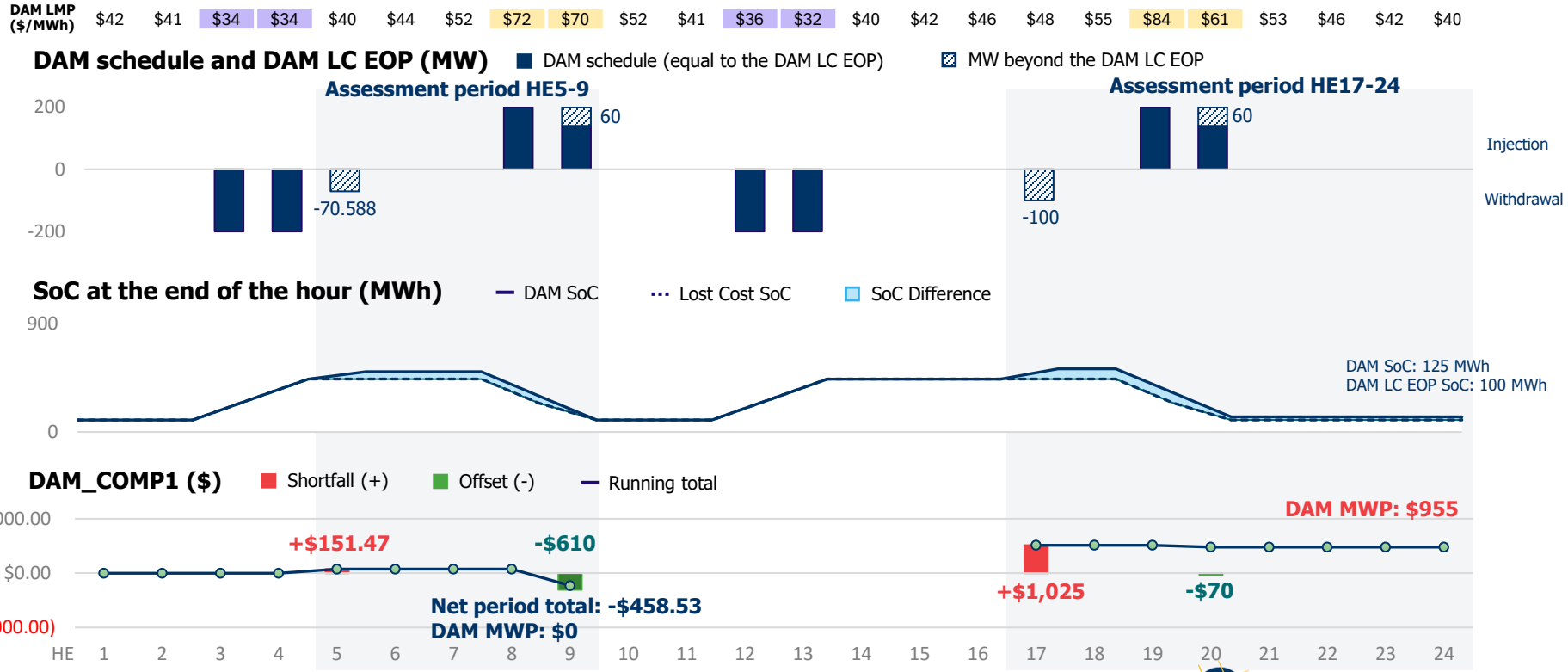
P/Q pair	1	2	3	4	5	6	7	8	9
Price ($/MWh)	$36.50	$37.00	$37.50	$38.00	$57.00	$57.00	$58.00	$59.00	$60.00
Quantity (MW)	-200	-150	-100	-50	0	50	100	150	200

Hour ending	HE1	HE2	HE3	HE4	HE5	HE6	HE7	HE8	HE9	HE10	HE11	HE12
DAM LMP ($/MWh)	$42	$41	$34	$34	$40	$44	$52	$72	$70	$52	$41	$36
DAM schedule (MW)	0.00	0.00	-200.00	-200.00	-70.59	0.00	0.00	200.00	200.00	0.00	0.00	-200.00
DAM LC EOP (MW)	0.00	0.00	-200.00	-200.00	0.00	0.00	0.00	200.00	140.00	0.00	0.00	-200.00

Hour ending	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20	HE21	HE22	HE23	HE24
DAM LMP ($/MWh)	$32	$40	$42	$46	$48	$55	$84	$61	$53	$46	$42	$40
DAM schedule (MW)	-200.00	0.00	0.00	0.00	-100.00	0.00	200.00	200.00	0.00	0.00	0.00	0.00
DAM LC EOP (MW)	-200.00	0.00	0.00	0.00	0.00	0.00	200.00	140.00	0.00	0.00	0.00	0.00

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Example 6: Two Assessment Periods in a Single Day



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Next Steps

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Next Steps

- The IESO is requesting feedback on the proposed approach to assessing DAM MWP for SMSRs, as set out in the Settlements Memo 1.1 (posted on October 28, 2026).
- The drafting and engagement on IESO Market Rules and Market Manuals will commence in Q1/Q2 2027.
- For any feedback on today's session, please submit using the feedback form on the ERP Storage Project webpage, to IESO Engagement at engagement@ieso.ca by **November 26, 2026.**

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Appendix: Data Tables for DAM MWP Examples

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Data Tables: Example 1

Hour Ending	HE1	HE2	HE3	HE4	HE5	HE6	HE7	HE8	HE9	HE10	HE11	HE12
DAM LMP ($/MWh)	$35	$34	$33	$33	$36	$44	$55	$49	$46	$42	$40	$39
DAM schedule (MW)	-200.00	-200.00	-200.00	-200.00	-141.176	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DAM LC EOP (MW)	-200.00	-200.00	-200.00	-200.00	-141.176	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DAM SoC, beginning of hour (MWh)	100.00	270.00	440.00	610.00	780.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00
Lost Cost SoC, beginning of hour (MWh)	100.00	270.00	440.00	610.00	780.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00
DAM SoC, end of hour (MWh)	270.00	440.00	610.00	780.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00
Lost Cost SoC, end of hour (MWh)	270.00	440.00	610.00	780.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00
SoC Divergence, end of hour (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N
Revenue, DAM schedule ($)	($7,000.00)	($6,800.00)	($6,600.00)	($6,600.00)	($5,082.34)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM schedule ($)	($7,450.00)	($7,450.00)	($7,450.00)	($7,450.00)	($5,298.51)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
OP, DAM schedule ($)	$450.00	$650.00	$850.00	$850.00	$216.18	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Revenue, DAM LC EOP ($)	($7,000.00)	($6,800.00)	($6,600.00)	($6,600.00)	($5,082.34)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM LC EOP ($)	($7,450.00)	($7,450.00)	($7,450.00)	($7,450.00)	($5,298.51)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
OP, DAM LC EOP ($)	$450.00	$650.00	$850.00	$850.00	$216.18	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
-1 x (OP(DAM Schedule) - OP(DAM LC EOP)) ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Hour Type (assessment period)	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period
DAM_COMP1, net offset ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Net: period running total ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

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Data Tables: Example 1

Hour Ending	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20	HE21	HE22	HE23	HE24
DAM LMP ($/MWh)	$41	$44	$41	$47	$61	$79	$86	$70	$48	$43	$40	$39
DAM schedule (MW)	0.00	0.00	0.00	0.00	200.00	200.00	200.00	200.00	0.00	0.00	0.00	0.00
DAM LC EOP (MW)	0.00	0.00	0.00	0.00	200.00	200.00	200.00	200.00	0.00	0.00	0.00	0.00
DAM SoC, beginning of hour (MWh)	900.00	900.00	900.00	900.00	900.00	700.00	500.00	300.00	100.00	100.00	100.00	100.00
Lost Cost SoC, beginning of hour (MWh)	900.00	900.00	900.00	900.00	900.00	700.00	500.00	300.00	100.00	100.00	100.00	100.00
DAM SoC, end of hour (MWh)	900.00	900.00	900.00	900.00	700.00	500.00	300.00	100.00	100.00	100.00	100.00	100.00
Lost Cost SoC, end of hour (MWh)	900.00	900.00	900.00	900.00	700.00	500.00	300.00	100.00	100.00	100.00	100.00	100.00
SoC Divergence, end of hour (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N
Revenue, DAM schedule ($)	$0.00	$0.00	$0.00	$0.00	$12,200.00	$15,800.00	$17,200.00	$14,000.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM schedule ($)	$0.00	$0.00	$0.00	$0.00	$11,700.00	$11,700.00	$11,700.00	$11,700.00	$0.00	$0.00	$0.00	$0.00
OP, DAM schedule ($)	$0.00	$0.00	$0.00	$0.00	$500.00	$4,100.00	$5,500.00	$2,300.00	$0.00	$0.00	$0.00	$0.00
Revenue, DAM LC EOP ($)	$0.00	$0.00	$0.00	$0.00	$12,200.00	$15,800.00	$17,200.00	$14,000.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM LC EOP ($)	$0.00	$0.00	$0.00	$0.00	$11,700.00	$11,700.00	$11,700.00	$11,700.00	$0.00	$0.00	$0.00	$0.00
OP, DAM LC EOP ($)	$0.00	$0.00	$0.00	$0.00	$500.00	$4,100.00	$5,500.00	$2,300.00	$0.00	$0.00	$0.00	$0.00
-1 x (OP(DAM Schedule) - OP(DAM LC EOP)) ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Hour Type (assessment period)	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period
DAM_COMP1, net offset ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Net: period running total ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

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Data Tables: Example 2

Hour Ending	HE1	HE2	HE3	HE4	HE5	HE6	HE7	HE8	HE9	HE10	HE11	HE12
DAM LMP ($/MWh)	$39	$35	$34	$35	$40	$47	$56	$52	$48	$44	$42	$42
DAM schedule (MW)	-200.00	-200.00	-200.00	-200.00	-141.176	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DAM LC EOP (MW)	0.00	-200.00	-200.00	-200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DAM SoC, beginning of hour (MWh)	100.00	270.00	440.00	610.00	780.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00
Lost Cost SoC, beginning of hour (MWh)	100.00	100.00	270.00	440.00	610.00	610.00	610.00	610.00	610.00	610.00	610.00	610.00
DAM SoC, end of hour (MWh)	270.00	440.00	610.00	780.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00
Lost Cost SoC, end of hour (MWh)	100.00	270.00	440.00	610.00	610.00	610.00	610.00	610.00	610.00	610.00	610.00	610.00
SoC Divergence, end of hour (Y/N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Revenue, DAM schedule ($)	($7,800.00)	($7,000.00)	($6,800.00)	($7,000.00)	($5,647.04)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM schedule ($)	($7,450.00)	($7,450.00)	($7,450.00)	($7,450.00)	($5,298.51)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
OP, DAM schedule ($)	($350.00)	$450.00	$650.00	$450.00	($348.53)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Revenue, DAM LC EOP ($)	$0.00	($7,000.00)	($6,800.00)	($7,000.00)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM LC EOP ($)	$0.00	($7,450.00)	($7,450.00)	($7,450.00)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
OP, DAM LC EOP ($)	$0.00	$450.00	$650.00	$450.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
-1 x (OP(DAM Schedule) - OP(DAM LC EOP)) ($)	$350.00	$0.00	$0.00	$0.00	$348.53	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Hour Type (assessment period)	Hn	Hp	Hp	Hp	Hn	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0
DAM_COMP1, net offset ($)	$350.00	$0.00	$0.00	$0.00	$348.53	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Net: period running total ($)	$350.00	$350.00	$350.00	$350.00	$698.53	$698.53	$698.53	$698.53	$698.53	$698.53	$698.53	$698.53

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Data Tables: Example 2

Hour Ending	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20	HE21	HE22	HE23	HE24
DAM LMP ($/MWh)	$43	$46	$43	$50	$66	$88	$95	$77	$52	$46	$43	$44
DAM schedule (MW)	0.00	0.00	0.00	0.00	200.00	200.00	200.00	200.00	0.00	0.00	0.00	0.00
DAM LC EOP (MW)	0.00	0.00	0.00	0.00	200.00	200.00	110.00	0.00	0.00	0.00	0.00	0.00
DAM SoC, beginning of hour (MWh)	900.00	900.00	900.00	900.00	900.00	700.00	500.00	300.00	100.00	100.00	100.00	100.00
Lost Cost SoC, beginning of hour (MWh)	610.00	610.00	610.00	610.00	610.00	410.00	210.00	100.00	100.00	100.00	100.00	100.00
DAM SoC, end of hour (MWh)	900.00	900.00	900.00	900.00	700.00	500.00	300.00	100.00	100.00	100.00	100.00	100.00
Lost Cost SoC, end of hour (MWh)	610.00	610.00	610.00	610.00	410.00	210.00	100.00	100.00	100.00	100.00	100.00	100.00
SoC Divergence, end of hour (Y/N)	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N
Revenue, DAM schedule ($)	$0.00	$0.00	$0.00	$0.00	$13,200.00	$17,600.00	$19,000.00	$15,400.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM schedule ($)	$0.00	$0.00	$0.00	$0.00	$11,700.00	$11,700.00	$11,700.00	$11,700.00	$0.00	$0.00	$0.00	$0.00
OP, DAM schedule ($)	$0.00	$0.00	$0.00	$0.00	$1,500.00	$5,900.00	$7,300.00	$3,700.00	$0.00	$0.00	$0.00	$0.00
Revenue, DAM LC EOP ($)	$0.00	$0.00	$0.00	$0.00	$13,200.00	$17,600.00	$10,450.00	$0.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM LC EOP ($)	$0.00	$0.00	$0.00	$0.00	$11,700.00	$11,700.00	$6,340.00	$0.00	$0.00	$0.00	$0.00	$0.00
OP, DAM LC EOP ($)	$0.00	$0.00	$0.00	$0.00	$1,500.00	$5,900.00	$4,110.00	$0.00	$0.00	$0.00	$0.00	$0.00
-1 x (OP(DAM Schedule) - OP(DAM LC EOP)) ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	($3,190.00)	($3,700.00)	$0.00	$0.00	$0.00	$0.00
Hour Type (assessment period)	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0	Hp	Hp	Hp	Hp	Not within a period	Not within a period	Not within a period	Not within a period
DAM_COMP1, net offset ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	($3,190.00)	($3,700.00)	$0.00	$0.00	$0.00	$0.00
Net: period running total ($)	$698.53	$698.53	$698.53	$698.53	$698.53	$698.53	($2,491.47)	($6,191.47)	$0.00	$0.00	$0.00	$0.00

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Data Tables: Example 3

Hour Ending	HE1	HE2	HE3	HE4	HE5	HE6	HE7	HE8	HE9	HE10	HE11	HE12
DAM LMP ($/MWh)	$39	$35	$34	$35	$40	$47	$56	$52	$48	$44	$42	$42
DAM schedule (MW)	-200	-200	-200	-200	-141.176	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DAM LC EOP (MW)	0	-200	-200	-200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DAM SoC, beginning of hour (MWh)	100.00	270.00	440.00	610.00	780.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00
Lost Cost SoC, beginning of hour (MWh)	100.00	100.00	270.00	440.00	610.00	610.00	610.00	610.00	610.00	610.00	610.00	610.00
DAM SoC, end of hour (MWh)	270.00	440.00	610.00	780.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00
Lost Cost SoC, end of hour (MWh)	100.00	270.00	440.00	610.00	610.00	610.00	610.00	610.00	610.00	610.00	610.00	610.00
SoC Divergence, end of hour (Y/N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Revenue, DAM schedule ($)	($7,800.00)	($7,000.00)	($6,800.00)	($7,000.00)	($5,647.04)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM schedule ($)	($7,450.00)	($7,450.00)	($7,450.00)	($7,450.00)	($5,298.51)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
OP, DAM schedule ($)	($350.00)	$450.00	$650.00	$450.00	($348.53)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Revenue, DAM LC EOP ($)	$0.00	($7,000.00)	($6,800.00)	($7,000.00)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM LC EOP ($)	$0.00	($7,450.00)	($7,450.00)	($7,450.00)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
OP, DAM LC EOP ($)	$0.00	$450.00	$650.00	$450.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
-1 x (OP(DAM Schedule) - OP(DAM LC EOP)) ($)	$350.00	$0.00	$0.00	$0.00	$348.53	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Hour Type (assessment period)	Hn	Hp	Hp	Hp	Hn	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0
DAM_COMP1, net offset ($)	$350.00	$0.00	$0.00	$0.00	$348.53	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Net: period running total ($)	$350.00	$350.00	$350.00	$350.00	$698.53	$698.53	$698.53	$698.53	$698.53	$698.53	$698.53	$698.53

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Data Tables: Example 3

Hour Ending	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20	HE21	HE22	HE23	HE24
DAM LMP ($/MWh)	$43	$46	$43	$50	$66	$88	$95	$77	$52	$46	$43	$44
DAM schedule (MW)	0.00	0.00	0.00	0.00	200.00	200.00	200.00	200.00	0.00	0.00	-100.00	0.00
DAM LC EOP (MW)	0.00	0.00	0.00	0.00	200.00	200.00	110.00	0.00	0.00	0.00	0.00	0.00
DAM SoC, beginning of hour (MWh)	900.00	900.00	900.00	900.00	900.00	700.00	500.00	300.00	100.00	100.00	100.00	185.00
Lost Cost SoC, beginning of hour (MWh)	610.00	610.00	610.00	610.00	610.00	410.00	210.00	100.00	100.00	100.00	100.00	100.00
DAM SoC, end of hour (MWh)	900.00	900.00	900.00	900.00	700.00	500.00	300.00	100.00	100.00	100.00	185.00	185.00
Lost Cost SoC, end of hour (MWh)	610.00	610.00	610.00	610.00	410.00	210.00	100.00	100.00	100.00	100.00	100.00	100.00
SoC Divergence, end of hour (Y/N)	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y
Revenue, DAM schedule ($)	$0.00	$0.00	$0.00	$0.00	$13,200.00	$17,600.00	$19,000.00	$15,400.00	$0.00	$0.00	($4,300.00)	$0.00
Cost, DAM schedule ($)	$0.00	$0.00	$0.00	$0.00	$11,700.00	$11,700.00	$11,700.00	$11,700.00	$0.00	$0.00	($3,775.00)	$0.00
OP, DAM schedule ($)	$0.00	$0.00	$0.00	$0.00	$1,500.00	$5,900.00	$7,300.00	$3,700.00	$0.00	$0.00	($525.00)	$0.00
Revenue, DAM LC EOP ($)	$0.00	$0.00	$0.00	$0.00	$13,200.00	$17,600.00	$10,450.00	$0.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM LC EOP ($)	$0.00	$0.00	$0.00	$0.00	$11,700.00	$11,700.00	$6,340.00	$0.00	$0.00	$0.00	$0.00	$0.00
OP, DAM LC EOP ($)	$0.00	$0.00	$0.00	$0.00	$1,500.00	$5,900.00	$4,110.00	$0.00	$0.00	$0.00	$0.00	$0.00
-1 x (OP(DAM Schedule) - OP(DAM LC EOP)) ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	($3,190.00)	($3,700.00)	$0.00	$0.00	$525.00	$0.00
Hour Type (assessment period)	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0	Hp	Hp	Hp	Hp	Not within a period	Not within a period	Hn	OP at DAM Schedule = $0
DAM_COMP1, net offset ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	($3,190.00)	($3,700.00)	$0.00	$0.00	$525.00	$0.00
Net: period running total ($)	$698.53	$698.53	$698.53	$698.53	$698.53	$698.53	($2,491.47)	($6,191.47)	$0.00	$0.00	$525.00	$525.00

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Data Tables: Example 4

Hour Ending	HE1	HE2	HE3	HE4	HE5	HE6	HE7	HE8	HE9	HE10	HE11	HE12
DAM LMP ($/MWh)	$4.50	$2.00	$1.00	$1.00	$5.00	$5.00	$6.00	$8.00	$9.00	$15.00	$17.00	$30.00
DAM schedule (MW)	-80.00	-100.00	-200.00	-200.00	-80.00	-80.00	-80.00	-22.10	0.00	0.00	0.00	0.00
DAM LC EOP (MW)	-80.00	-100.00	-200.00	-200.00	-80.00	-80.00	-80.00	-22.10	0.00	0.00	0.00	0.00
DAM SoC, beginning of hour (MWh)	100.00	176.00	271.00	461.00	651.00	727.00	803.00	879.00	900.00	900.00	900.00	900.00
Lost Cost SoC, beginning of hour (MWh)	100.00	176.00	271.00	461.00	651.00	727.00	803.00	879.00	900.00	900.00	900.00	900.00
DAM SoC, end of hour (MWh)	176.00	271.00	461.00	651.00	727.00	803.00	879.00	900.00	900.00	900.00	900.00	900.00
Lost Cost SoC, end of hour (MWh)	176.00	271.00	461.00	651.00	727.00	803.00	879.00	900.00	900.00	900.00	900.00	900.00
SoC Divergence, end of hour (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N
Revenue, DAM schedule ($)	($360.00)	($200.00)	($200.00)	($200.00)	($400.00)	($400.00)	($480.00)	($176.80)	$0.00	$0.00	$0.00	$0.00
Cost, DAM schedule ($)	($680.00)	($730.00)	($830.00)	($830.00)	($680.00)	($680.00)	($680.00)	($221.00)	$0.00	$0.00	$0.00	$0.00
OP, DAM schedule ($)	$320.00	$530.00	$630.00	$630.00	$280.00	$280.00	$200.00	$44.20	$0.00	$0.00	$0.00	$0.00
Revenue, DAM LC EOP ($)	($360.00)	($200.00)	($200.00)	($200.00)	($400.00)	($400.00)	($480.00)	($176.80)	$0.00	$0.00	$0.00	$0.00
Cost, DAM LC EOP ($)	($680.00)	($730.00)	($830.00)	($830.00)	($680.00)	($680.00)	($680.00)	($221.00)	$0.00	$0.00	$0.00	$0.00
OP, DAM LC EOP ($)	$320.00	$530.00	$630.00	$630.00	$280.00	$280.00	$200.00	$44.20	$0.00	$0.00	$0.00	$0.00
-1 x (OP(DAM Schedule) - OP(DAM LC EOP)) ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Hour Type (assessment period)	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period
DAM_COMP1, net offset ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Net: period running total ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

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Data Tables: Example 4

Hour Ending	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20	HE21	HE22	HE23	HE24
DAM LMP ($/MWh)	$50.00	$65.00	$80.00	$95.00	$103.00	$125.00	$35.00	$23.00	$23.00	$7.00	$5.00	$0.01
DAM schedule (MW)	0.00	0.00	150.00	150.00	200.00	200.00	100.00	0.00	0.00	-50.00	-50.00	-50.00
DAM LC EOP (MW)	0.00	0.00	150.00	150.00	200.00	200.00	50.00	0.00	0.00	-50.00	-50.00	-50.00
DAM SoC, beginning of hour (MWh)	900.00	900.00	900.00	750.00	600.00	400.00	200.00	100.00	100.00	100.00	147.50	195.00
Lost Cost SoC, beginning of hour (MWh)	900.00	900.00	900.00	750.00	600.00	400.00	200.00	150.00	150.00	150.00	197.50	245.00
DAM SoC, end of hour (MWh)	900.00	900.00	750.00	600.00	400.00	200.00	100.00	100.00	100.00	147.50	195.00	242.50
Lost Cost SoC, end of hour (MWh)	900.00	900.00	750.00	600.00	400.00	200.00	150.00	150.00	150.00	197.50	245.00	292.50
SoC Divergence, end of hour (Y/N)	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y
Revenue, DAM schedule ($)	$0.00	$0.00	$12,000.00	$14,250.00	$20,600.00	$25,000.00	$3,500.00	$0.00	$0.00	($350.00)	($250.00)	($0.50)
Cost, DAM schedule ($)	$0.00	$0.00	$7,500.00	$7,500.00	$12,500.00	$12,500.00	$3,750.00	$0.00	$0.00	($500.00)	($500.00)	($500.00)
OP, DAM schedule ($)	$0.00	$0.00	$4,500.00	$6,750.00	$8,100.00	$12,500.00	($250.00)	$0.00	$0.00	$150.00	$250.00	$499.50
Revenue, DAM LC EOP ($)	$0.00	$0.00	$12,000.00	$14,250.00	$20,600.00	$25,000.00	$1,750.00	$0.00	$0.00	($350.00)	($250.00)	($0.50)
Cost, DAM LC EOP ($)	$0.00	$0.00	$7,500.00	$7,500.00	$12,500.00	$12,500.00	$1,250.00	$0.00	$0.00	($500.00)	($500.00)	($500.00)
OP, DAM LC EOP ($)	$0.00	$0.00	$4,500.00	$6,750.00	$8,100.00	$12,500.00	$500.00	$0.00	$0.00	$150.00	$250.00	$499.50
-1 x (OP(DAM Schedule) - OP(DAM LC EOP)) ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$750.00	$0.00	$0.00	$0.00	$0.00	$0.00
Hour Type (assessment period)	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Hn	OP at DAM Schedule = $0	OP at DAM Schedule = $0	Hp	Hp	Hp
DAM_COMP1, net offset ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$750.00	$0.00	$0.00	$0.00	$0.00	$0.00
Net: period running total ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$750.00	$750.00	$750.00	$750.00	$750.00	$750.00

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Data Tables: Example 5 (Energy)

Hour Ending	HE1	HE2	HE3	HE4	HE5	HE6	HE7	HE8	HE9	HE10	HE11	HE12
DAM LMP ($/MWh)	$35.00	$34.00	$33.00	$33.00	$36.00	$44.00	$55.00	$49.00	$46.00	$42.00	$40.00	$39.00
DAM schedule (MW)	-200.00	-200.00	-200.00	-200.00	-141.176	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DAM LC EOP (MW)	-200.00	-200.00	-200.00	-200.00	-141.176	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DAM SoC, beginning of hour (MWh)	100.00	270.00	440.00	610.00	780.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00
Lost Cost SoC, beginning of hour (MWh)	100.00	270.00	440.00	610.00	780.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00
DAM SoC, end of hour (MWh)	270.00	440.00	610.00	780.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00
Lost Cost SoC, end of hour (MWh)	270.00	440.00	610.00	780.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00
SoC Divergence, end of hour (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N
Revenue, DAM schedule ($)	($7,000.00)	($6,800.00)	($6,600.00)	($6,600.00)	($5,082.34)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM schedule ($)	($7,450.00)	($7,450.00)	($7,450.00)	($7,450.00)	($5,298.51)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
OP, DAM schedule ($)	$450.00	$650.00	$850.00	$850.00	$216.18	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Revenue, DAM LC EOP ($)	($7,000.00)	($6,800.00)	($6,600.00)	($6,600.00)	($5,082.34)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM LC EOP ($)	($7,450.00)	($7,450.00)	($7,450.00)	($7,450.00)	($5,298.51)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
OP, DAM LC EOP ($)	$450.00	$650.00	$850.00	$850.00	$216.18	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
-1 x (OP(DAM Schedule) - OP(DAM LC EOP)) ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Hour Type (assessment period)	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period
DAM_COMP1, net offset ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

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Data Tables: Example 5 (OR & Total)

Hour Ending	HE1	HE2	HE3	HE4	HE5	HE6	HE7	HE8	HE9	HE10	HE11	HE12
10S DAM OR LMP ($/MWh)	$0.20	$0.20	$0.20	$0.10	$0.10	$0.10	$2.00	$0.10	$0.10	$0.09	$0.09	$0.09
DAM 10S Schedule (MW)	40.00	40.00	40.00	40.00	40.00	40.00	200.00	40.00	40.00	40.00	40.00	40.00
DAM OR EOP, 10S (MW)	40.00	40.00	40.00	40.00	40.00	40.00	160.00	40.00	40.00	40.00	40.00	40.00
Revenue: DAM 10S Schedule ($)	$8.00	$8.00	$8.00	$4.00	$4.00	$4.00	$400.00	$4.00	$4.00	$3.60	$3.60	$3.60
Cost: DAM 10S Schedule ($)	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$222.00	$2.00	$2.00	$2.00	$2.00	$2.00
OP: DAM 10S Schedule ($)	$6.00	$6.00	$6.00	$2.00	$2.00	$2.00	$178.00	$2.00	$2.00	$1.60	$1.60	$1.60
Revenue: DAM OR EOP ($)	$8.00	$8.00	$8.00	$4.00	$4.00	$4.00	$320.00	$4.00	$4.00	$3.60	$3.60	$3.60
Cost: DAM 10S OR EOP ($)	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$102.00	$2.00	$2.00	$2.00	$2.00	$2.00
OP: DAM OR EOP ($)	$6.00	$6.00	$6.00	$2.00	$2.00	$2.00	$218.00	$2.00	$2.00	$1.60	$1.60	$1.60
-1 x (OP(DAM 10S Schedule) - OP(DAM OR EOP)) ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$40.00	$0.00	$0.00	$0.00	$0.00	$0.00
10S hour type (assessment period)	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period
DAM_COMP2 ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$40.00	$0.00	$0.00	$0.00	$0.00	$0.00
DAM_COMP1 + DAM_COMP2 ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$40.00	$0.00	$0.00	$0.00	$0.00	$0.00
Energy and 10S running total: period running total ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

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Data Tables: Example 5 (Energy)

Hour Ending	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20	HE21	HE22	HE23	HE24
DAM LMP ($/MWh)	$41.00	$44.00	$41.00	$47.00	$61.00	$79.00	$86.00	$70.00	$48.00	$43.00	$40.00	$39.00
DAM schedule (MW)	0.00	0.00	0.00	0.00	50.00	200.00	200.00	200.00	0.00	0.00	0.00	0.00
DAM LC EOP (MW)	0.00	0.00	0.00	0.00	50.00	200.00	200.00	200.00	0.00	0.00	0.00	0.00
DAM SoC, beginning of hour (MWh)	900.00	900.00	900.00	900.00	900.00	850.00	650.00	450.00	250.00	250.00	250.00	250.00
Lost Cost SoC, beginning of hour (MWh)	900.00	900.00	900.00	900.00	900.00	850.00	650.00	450.00	250.00	250.00	250.00	250.00
DAM SoC, end of hour (MWh)	900.00	900.00	900.00	900.00	850.00	650.00	450.00	250.00	250.00	250.00	250.00	250.00
Lost Cost SoC, end of hour (MWh)	900.00	900.00	900.00	900.00	850.00	650.00	450.00	250.00	250.00	250.00	250.00	250.00
SoC Divergence, end of hour (Y/N)	N	N	N	N	N	N	N	N	N	N	N	N
Revenue, DAM schedule ($)	$0.00	$0.00	$0.00	$0.00	$3,050.00	$15,800.00	$17,200.00	$14,000.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM schedule ($)	$0.00	$0.00	$0.00	$0.00	$2,850.00	$11,700.00	$11,700.00	$11,700.00	$0.00	$0.00	$0.00	$0.00
OP, DAM schedule ($)	$0.00	$0.00	$0.00	$0.00	$200.00	$4,100.00	$5,500.00	$2,300.00	$0.00	$0.00	$0.00	$0.00
Revenue, DAM LC EOP ($)	$0.00	$0.00	$0.00	$0.00	$3,050.00	$15,800.00	$17,200.00	$14,000.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM LC EOP ($)	$0.00	$0.00	$0.00	$0.00	$2,850.00	$11,700.00	$11,700.00	$11,700.00	$0.00	$0.00	$0.00	$0.00
OP, DAM LC EOP ($)	$0.00	$0.00	$0.00	$0.00	$200.00	$4,100.00	$5,500.00	$2,300.00	$0.00	$0.00	$0.00	$0.00
-1 x (OP(DAM Schedule) - OP(DAM LC EOP)) ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Hour Type (assessment period)	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period
DAM_COMP1, net offset ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

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Data Tables: Example 5 (OR & Total)

Hour Ending	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20	HE21	HE22	HE23	HE24
10S DAM OR LMP ($/MWh)	$0.10	$0.10	$0.10	$0.15	$4.99	$5.00	$10.99	$4.99	$0.10	$0.17	$0.60	$0.84
DAM 10S Schedule (MW)	40.00	40.00	40.00	40.00	150.00	0.00	0.00	0.00	40.00	40.00	120.00	120.00
DAM OR EOP, 10S (MW)	40.00	40.00	40.00	40.00	150.00	0.00	0.00	0.00	40.00	40.00	120.00	120.00
Revenue: DAM 10S Schedule ($)	$4.00	$4.00	$4.00	$6.00	$748.50	$0.00	$0.00	$0.00	$4.00	$6.80	$72.00	$100.80
Cost: DAM 10S Schedule ($)	$2.00	$2.00	$2.00	$2.00	$87.00	$0.00	$0.00	$0.00	$2.00	$2.00	$42.00	$42.00
OP: DAM 10S Schedule ($)	$2.00	$2.00	$2.00	$4.00	$661.50	$0.00	$0.00	$0.00	$2.00	$4.80	$30.00	$58.80
Revenue: DAM OR EOP ($)	$4.00	$4.00	$4.00	$6.00	$748.50	$0.00	$0.00	$0.00	$4.00	$6.80	$72.00	$100.80
Cost: DAM 10S OR EOP ($)	$2.00	$2.00	$2.00	$2.00	$87.00	$0.00	$0.00	$0.00	$2.00	$2.00	$42.00	$42.00
OP: DAM OR EOP ($)	$2.00	$2.00	$2.00	$4.00	$661.50	$0.00	$0.00	$0.00	$2.00	$4.80	$30.00	$58.80
-1 x (OP(DAM 10S Schedule) - OP(DAM OR EOP)) ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
10S hour type (assessment period)	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period	Not within a period
DAM_COMP2 ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
DAM_COMP1 + DAM_COMP2 ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Energy and 10S running total: period running total ($)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

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Data Tables: Example 6

Hour Ending	HE1	HE2	HE3	HE4	HE5	HE6	HE7	HE8	HE9	HE10	HE11	HE12
DAM LMP ($/MWh)	$42	$41	$34	$34	$40	$44	$52	$72	$70	$52	$41	$36
DAM schedule (MW)	0.00	0.00	-200.00	-200.00	-70.59	0.00	0.00	200.00	200.00	0.00	0.00	-200.00
DAM LC EOP (MW)	0.00	0.00	-200.00	-200.00	0.00	0.00	0.00	200.00	140.00	0.00	0.00	-200.00
DAM SoC, beginning of hour (MWh)	100.00	100.00	100.00	270.00	440.00	500.00	500.00	500.00	300.00	100.00	100.00	100.00
Lost Cost SoC, beginning of hour (MWh)	100.00	100.00	100.00	270.00	440.00	440.00	440.00	440.00	240.00	100.00	100.00	100.00
DAM SoC, end of hour (MWh)	100.00	100.00	270.00	440.00	500.00	500.00	500.00	300.00	100.00	100.00	100.00	270.00
Lost Cost SoC, end of hour (MWh)	100.00	100.00	270.00	440.00	440.00	440.00	440.00	240.00	100.00	100.00	100.00	270.00
SoC Divergence, end of hour (Y/N)	N	N	N	N	Y	Y	Y	Y	N	N	N	N
Revenue, DAM schedule ($)	$0.00	$0.00	($6,800.00)	($6,800.00)	($2,823.52)	$0.00	$0.00	$14,400.00	$14,000.00	$0.00	$0.00	($7,200.00)
Cost, DAM schedule ($)	$0.00	$0.00	($7,450.00)	($7,450.00)	($2,672.05)	$0.00	$0.00	$11,700.00	$11,700.00	$0.00	$0.00	($7,450.00)
OP, DAM schedule ($)	$0.00	$0.00	$650.00	$650.00	($151.47)	$0.00	$0.00	$2,700.00	$2,300.00	$0.00	$0.00	$250.00
Revenue, DAM LC EOP ($)	$0.00	$0.00	($6,800.00)	($6,800.00)	$0.00	$0.00	$0.00	$14,400.00	$9,800.00	$0.00	$0.00	($7,200.00)
Cost, DAM LC EOP ($)	$0.00	$0.00	($7,450.00)	($7,450.00)	$0.00	$0.00	$0.00	$11,700.00	$8,110.00	$0.00	$0.00	($7,450.00)
OP, DAM LC EOP ($)	$0.00	$0.00	$650.00	$650.00	$0.00	$0.00	$0.00	$2,700.00	$1,690.00	$0.00	$0.00	$250.00
-1 x (OP(DAM Schedule) - OP(DAM LC EOP)) ($)	$0.00	$0.00	$0.00	$0.00	$151.47	$0.00	$0.00	$0.00	($610.00)	$0.00	$0.00	$0.00
Hour Type (assessment period)	Not within a period	Not within a period	Not within a period	Not within a period	Hn	OP at DAM Schedule = $0	OP at DAM Schedule = $0	Hp	Hp	Not within a period	Not within a period	Not within a period
DAM_COMP1, net offset ($)	$0.00	$0.00	$0.00	$0.00	$151.47	$0.00	$0.00	$0.00	($610.00)	$0.00	$0.00	$0.00
Net: period running total ($)	$0.00	$0.00	$0.00	$0.00	$151.47	$151.47	$151.47	$151.47	($458.53)	$0.00	$0.00	$0.00

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Data Tables: Example 6

Hour Ending	HE13	HE14	HE15	HE16	HE17	HE18	HE19	HE20	HE21	HE22	HE23	HE24
DAM LMP ($/MWh)	$32	$40	$42	$46	$48	$55	$84	$61	$53	$46	$42	$40
DAM schedule (MW)	-200.00	0.00	0.00	0.00	-100.00	0.00	200.00	200.00	0.00	0.00	0.00	0.00
DAM LC EOP (MW)	-200.00	0.00	0.00	0.00	0.00	0.00	200.00	140.00	0.00	0.00	0.00	0.00
DAM SoC, beginning of hour (MWh)	270.00	440.00	440.00	440.00	440.00	525.00	525.00	325.00	125.00	125.00	125.00	125.00
Lost Cost SoC, beginning of hour (MWh)	270.00	440.00	440.00	440.00	440.00	440.00	440.00	240.00	100.00	100.00	100.00	100.00
DAM SoC, end of hour (MWh)	440.00	440.00	440.00	440.00	525.00	525.00	325.00	125.00	125.00	125.00	125.00	125.00
Lost Cost SoC, end of hour (MWh)	440.00	440.00	440.00	440.00	440.00	440.00	240.00	100.00	100.00	100.00	100.00	100.00
SoC Divergence, end of hour (Y/N)	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y
Revenue, DAM schedule ($)	($6,400.00)	$0.00	$0.00	$0.00	($4,800.00)	$0.00	$16,800.00	$12,200.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM schedule ($)	($7,450.00)	$0.00	$0.00	$0.00	($3,775.00)	$0.00	$11,700.00	$11,700.00	$0.00	$0.00	$0.00	$0.00
OP, DAM schedule ($)	$1,050.00	$0.00	$0.00	$0.00	($1,025.00)	$0.00	$5,100.00	$500.00	$0.00	$0.00	$0.00	$0.00
Revenue, DAM LC EOP ($)	($6,400.00)	$0.00	$0.00	$0.00	$0.00	$0.00	$16,800.00	$8,540.00	$0.00	$0.00	$0.00	$0.00
Cost, DAM LC EOP ($)	($7,450.00)	$0.00	$0.00	$0.00	$0.00	$0.00	$11,700.00	$8,110.00	$0.00	$0.00	$0.00	$0.00
OP, DAM LC EOP ($)	$1,050.00	$0.00	$0.00	$0.00	$0.00	$0.00	$5,100.00	$430.00	$0.00	$0.00	$0.00	$0.00
-1 x (OP(DAM Schedule) - OP(DAM LC EOP)) ($)	$0.00	$0.00	$0.00	$0.00	$1,025.00	$0.00	$0.00	($70.00)	$0.00	$0.00	$0.00	$0.00
Hour Type (assessment period)	Not within a period	Not within a period	Not within a period	Not within a period	Hn	OP at DAM Schedule = $0	Hp	Hp	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0	OP at DAM Schedule = $0
DAM_COMP1, net offset ($)	$0.00	$0.00	$0.00	$0.00	$1,025.00	$0.00	$0.00	($70.00)	$0.00	$0.00	$0.00	$0.00
Net: period running total ($)	$0.00	$0.00	$0.00	$0.00	$1,025.00	$1,025.00	$1,025.00	$955.00	$955.00	$955.00	$955.00	$955.00

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