Advanced Energy (AEIS)
Q2 2026 Financial Results

AUGUST 3, 2026

Advanced Energy

Safe Harbor

Forward-Looking Statements: This presentation contains, in addition to historical information, forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Statements in this presentation that are not historical information are forward-looking statements. For example, statements relating to our beliefs, expectations, and plans are forward-looking statements, as are statements that certain actions, conditions, or circumstances will continue. The inclusion of words such as "anticipate," "expect," "estimate," "can," "may," "might," "continue," "enables," "plan," "intend," "should," "could," "would," "likely," "potential," or "believe," and similar expressions and the negative versions thereof indicate forward-looking statements; however, not all forward-looking statements may contain such words or expressions. These forward-looking statements are based upon information available as of the date of this presentation and management's current estimates, forecasts, and assumptions. Although we believe that our expectations reflected in or suggested by these forward-looking statements are reasonable, we may not achieve the results, performance, plans, or objectives expressed or implied by such forward-looking statements. Forward-looking statements involve risks and uncertainties, which are difficult to predict and many of which are beyond our control.

Risks and uncertainties to which our forward-looking statements are subject include, but are not limited to: volatility and business fluctuations in the industries in which we compete; our ability to achieve design wins with new and existing customers; our ability to accurately forecast and meet customer demand; risks related to global economic conditions, such as the impact of tariffs and export regulations, escalating global conflicts on macroeconomic conditions, economic uncertainty, market volatility, rising interest rates, inflation, lack of growth in our markets or recession; customer price sensitivity; the U.S. Dollar's change in value against its major peers; concentration of our customer base; risks associated with potential breach of our information security measures, either external breach or internal data theft; difficulties with the implementation of our enterprise resource planning and other enterprise-wide information technology system applications; our loss of or inability to attract and retain key personnel; risks associated with our manufacturing footprint optimization and movement of manufacturing locations for certain products; disruptions to our manufacturing operations or those of our customers or suppliers; our ability to successfully identify, close, integrate and realize anticipated benefits from our acquisitions; quality issues or unanticipated costs in fulfilling our warranty obligations (including our discontinued solar inverter product line), and adequacy of our warranty reserves; risks inherent in our international operations, including the effect of export controls, the impact of tariffs on our supply chain or products we sell, political and geographical risks, and fluctuations in currency exchange rates; our ability to enforce, protect, and maintain our proprietary technology and intellectual property rights; regulatory risk related to our supply chain; legal matters, claims, investigations, and proceedings; changes to tax laws and regulations or our tax rates; changes in federal, state, local and foreign regulations, including with respect to trade compliance, privacy and data protection, supply chain, and environmental regulation; the effect of our debt obligations and restrictive covenants on our ability to operate our business; risks related to our unfunded pension obligations; our estimates of the fair value of intangible assets; the potential impact of dilution related to our convertible debt, hedge, and warrant transactions; and the risks and uncertainties described in Part I, Item 1A, of our Annual Report on Form 10-K for the year ended December 31, 2025.

These risks and uncertainties could cause actual results to differ materially and adversely from those expressed in any forward-looking statements, and readers are cautioned not to place undue reliance on forward-looking statements. Forward-looking statements are made and based on information available to us on the date of this presentation. Aspirational goals and targets in the presentation materials should not be interpreted in any respect as guidance. We assume no obligation to update the information in this presentation or provide the reasons why our actual results may differ.

Non-GAAP Financial Measures: We refer to non-GAAP earnings per share and other non-GAAP financial measures that our management believes are useful tools to evaluate our business from the perspective of management. Detailed reconciliations of GAAP to non-GAAP financials can be found on the subsequent slides.

Q2 2026 Financial Highlights

REVENUE

$574 million

Up 30% YoY

NON-GAAP GROSS MARGIN(1)

41.9%

Up 380 bps YoY

OPERATING CASH FLOW(2)

$86 million

Record level

NON-GAAP EPS

$2.74

Up 83% YoY

NON-GAAP OP MARGIN(1)

21.9%

Up 730 bps YoY

TOTAL CASH

$1.40 billion

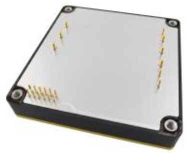
Net Cash[3] of $132 million

(1) Detailed explanations of non-GAAP financials and reconciliations of GAAP to non-GAAP financials can be found at the end of this presentation
(2) Cash flow from operating activities from continuing operations
(3) Net cash = Total cash less total debt, which excludes operating lease liabilities

Q2 2026 Summary – Record Results

ADH series

NDQ series



HSC module

800 VDC solutions

The ADH series, NDQ series, and Hot Swap Control (HSC) modules combine to enable customized 800 VDC power solutions

Q2 2026 revenue and non-GAAP EPS(1) above the high end of guidance on solid execution

- Record results with revenue of $574 million, up 30% YoY, and non-GAAP EPS(1) of $2.74, up 83% YoY
- Non-GAAP (1) operating margin increased *730 bps* YoY to 21.9%; record operating income of $125 million

Demand continues to strengthen; executing to capture revenue upside

- Raising 2026 revenue growth outlook to the low-to-mid-30% range; expect record revenue in both Q3 and Q4 2026
- Semiconductor revenue in second half 2026 expected to grow nearly 50% YoY
- Expect Data Center revenue to increase more than 50% in 2026, after more than doubling in 2025
- Industrial & Medical revenue expected to grow sequentially on higher demand and higher factory output

Continue to make progress on improving gross margin

- Q2 gross margin exceeded our guidance range, after excluding the 120 bps benefit from IEEPA tariff refunds
- Expect favorable mix of new products and higher volume to drive gross margin to the 42% range by Q4 2026

Making investments in capacity and inventory to keep pace with strong customer demand

- Raising 2026 CAPEX to $180-$195 million; now targeting ~$5 billion in revenue-generating capacity by the end of 2028
- Accelerating Thailand customer qualifications; initial production in Q4 2026

A leading player in the large and fast-growing Semiconductor and AI Data Center markets

- Well positioned to deliver strong revenue growth in 2027 and beyond
- Increasing investment in R&D to accelerate new product introductions and expand design-win pipeline
- Driving share gains through best-in-class power technologies, global engineering teams, production capacity, and scale

(1) Detailed explanations of non-GAAP financials and reconciliations of GAAP to non-GAAP financials can be found at the end of this presentation

Q2 2026 Revenue Detail by Market

Semiconductor Equipment

Up 27% QoQ & 33% YoY

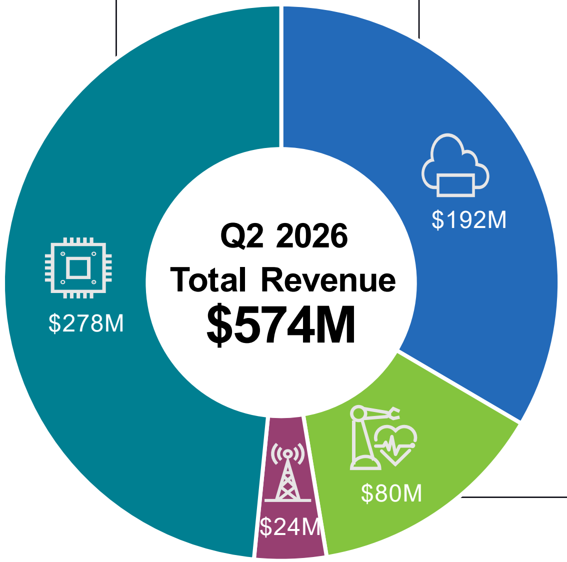
- Executing well to meet increased demand in leading-edge logic and memory
- Customers validated meaningful yield and throughput performance of eVerest™ and eVoS™
- Secured System power design wins in Semi Test, ALD and thermal sensing
- Several Plasma and System power programs beginning production ramp, with additional design wins in the pipeline

Telecom & Networking

Down 4% QoQ & Up 12% YoY

- Results in-line with expectations
- Customers evaluating AI rack power solutions as part of 2nd wave opportunities

($ in millions)



Data Center Computing

Down 1% QoQ & Up 35% YoY

- Demand progressively improved in the quarter as customers resolved downstream constraints
- Continue to win new programs at hyperscalers
- Engaging with multiple 2nd wave customers, setting us up for a strong 2027
- Developing multiple 800 VDC products based on our low-profile modular design
- Positive customer feedback on 800 VDC early units, and on-track to full production in 2028

Industrial & Medical

Up 11% QoQ & Up 17% YoY

- Executed to improve output to meet healthy market demand
- Distribution sell-in, resales & inventory improved
- Strong momentum in electrosurgery with our medical pulsed power
- Captured multiple design wins in aero/defense
- Website leads that converted into design wins increased 40% YoY in the first half of 2026

Q2 2026 Revenue by Market

($ in millions)	Q2 2026	Q1 2026	Q2 2025	QoQ	YoY
Semiconductor Equipment	$278.3	$219.4	$209.5	26.8%	32.8%
Data Center Computing	$191.5	$194.2	$141.6	-1.4%	35.2%
Industrial & Medical	$80.0	$72.0	$68.6	11.1%	16.6%
Telecom & Networking	$24.3	$25.4	$21.8	-4.3%	11.5%
Total Revenue	**$574.1**	**$511.0**	**$441.5**	**12.3%**	**30.0%**

Advanced Energy

Q2 2026 Income Statement

($ in millions)	Q2 2026	Q1 2026	Q2 2025	QoQ	YoY
Revenue	$574.1	$511.0	$441.5	12.3%	30.0%
GAAP gross margin	41.1%	39.3%	37.0%	-	-
GAAP operating expenses	$141.0	$132.6	$131.8	6.3%	7.0%
GAAP operating margin from continuing ops	16.6%	13.4%	7.2%	-	-
GAAP EPS from continuing ops	$1.29	$1.59	$0.67	-18.9%	92.5%
Non-GAAP gross margin	41.9%	40.1%	38.1%	-	-
Non-GAAP operating expenses	$114.8	$107.0	$103.6	7.3%	10.8%
Non-GAAP operating margin	21.9%	19.1%	14.6%	-	-
Non-GAAP EPS	$2.74	$2.09	$1.50	31.1%	82.7%

(1) Detailed explanations of non-GAAP financials and reconciliations of GAAP to non-GAAP financials can be found at the end of this presentation

Balance Sheet & Cash Flow

($ in millions)	Q2 2026	Q1 2026	Q2 2025
Cash	$1,396.5	$699.5	$713.5
Inventories	$538.1	$458.7	$397.9
Accounts Receivable	$403.6	$376.7	$304.0
Total Assets	$3,426.8	$2,592.9	$2,379.6
Accounts Payable	$316.3	$272.1	$191.6
Total Debt	$1,264.2	$568.2	$566.1
Total Liabilities	$1,949.7	$1,190.3	$1,117.0
Shareholders' Equity	$1,456.1	$1,384.4	$1,257.3

Total Cash increased $697 million QoQ to $1.40 billion

- Including net proceeds of the convertible note offering in May
- Net cash(1) at $132 million

Inventory Turns down slightly QoQ at 2.5x

- Days inventory increased by 10 days QoQ to 145 days for customer ramps and upside opportunities

DSO decreased QoQ to 63 days

DPO increased QoQ to 85 days

Record operating cash flow from continuing operations of $85.6 million

CAPEX was $49.5 million

(1) Net cash = Total cash less Total debt, which excludes operating lease liabilities

Q3 2026 Guidance

Revenue

$640 million ± $20 million

GAAP EPS from continuing operations

$2.38 ± $0.25

Non-GAAP[1] EPS

$3.00 ± $0.25

(1) Detailed explanations of non-GAAP financials and reconciliations of GAAP to non-GAAP financials can be found at the end of this presentation

Quarterly Non-GAAP Financials[1]

Quarterly Trend

(figures in $ millions, except percentage and EPS)

All figures from Continuing Operations

	2023 Q1	2023 Q2	2023 Q3	2023 Q4	2024 Q1	2024 Q2	2024 Q3	2024 Q4	2025 Q1	2025 Q2	2025 Q3	2025 Q4	2026 Q1	2026 Q2
Revenue	**425.0**	**415.5**	**410.0**	**405.3**	**327.5**	**364.9**	**374.2**	**415.4**	**404.6**	**441.5**	**463.3**	**489.4**	**511.0**	**574.1**
Gross Profit	156.5	147.8	148.2	144.5	115.0	128.9	136.0	157.9	153.4	168.1	181.2	194.3	204.8	240.3
Gross Margin	**36.8%**	**35.6%**	**36.1%**	**35.7%**	**35.1%**	**35.3%**	**36.3%**	**38.0%**	**37.9%**	**38.1%**	**39.1%**	**39.7%**	**40.1%**	**41.9%**
Total OPEX	**99.7**	**98.5**	**97.3**	**94.9**	**93.6**	**95.1**	**96.8**	**101.8**	**98.6**	**103.6**	**103.4**	**107.4**	**107.0**	**114.8**
OPEX %	23.5%	23.7%	23.7%	23.4%	28.6%	26.1%	25.9%	24.5%	24.4%	23.5%	22.3%	21.9%	20.9%	20.0%
Operating Income	**56.8**	**49.3**	**50.9**	**49.7**	**21.4**	**33.8**	**39.2**	**56.1**	**54.8**	**64.5**	**77.8**	**86.9**	**97.8**	**125.5**
Operating Income %	13.4%	11.9%	12.4%	12.3%	6.5%	9.3%	10.5%	13.5%	13.5%	14.6%	16.8%	17.8%	19.1%	21.9%
Depreciation[2]	9.5	9.4	9.7	9.7	10.0	10.2	11.1	11.1	10.6	10.0	9.5	9.8	10.5	11.3
Adj. EBITDA[2]	**66.3**	**58.7**	**60.7**	**59.4**	**31.4**	**44.0**	**50.3**	**67.2**	**65.4**	**74.5**	**87.3**	**96.7**	**108.3**	**136.8**
Adj. EBITDA %	15.6%	14.1%	14.8%	14.6%	9.6%	12.0%	13.5%	16.2%	16.2%	16.9%	18.8%	19.8%	21.2%	23.8%
Other Income/(Expense)	0.5	0.2	1.3	5.2	5.2	4.2	4.2	1.6	0.9	2.3	1.7	1.1	(0.2)	5.0
Income Before Taxes	**57.3**	**49.5**	**52.3**	**54.8**	**26.6**	**38.0**	**43.4**	**57.7**	**55.7**	**66.8**	**79.6**	**88.0**	**97.6**	**130.4**
Tax Provision/(Benefit)	10.4	7.6	3.8	8.1	4.6	6.0	6.3	8.4	8.8	10.2	13.2	12.9	14.2	18.2
Tax Rate	18.1%	15.3%	7.2%	14.8%	17.3%	15.8%	14.5%	14.6%	15.8%	15.3%	16.6%	14.7%	14.5%	14.0%
Non-GAAP Net Income	**47.0**	**41.9**	**48.5**	**46.7**	**22.0**	**32.0**	**37.1**	**49.3**	**46.9**	**56.6**	**66.4**	**75.1**	**83.4**	**112.2**
Net Income %	11.1%	10.1%	11.8%	11.5%	6.7%	8.8%	9.9%	11.9%	11.6%	12.8%	14.3%	15.3%	16.3%	19.5%
Non-GAAP EPS	**$1.24**	**$1.11**	**$1.28**	**$1.24**	**$0.58**	**$0.85**	**$0.98**	**$1.30**	**$1.23**	**$1.50**	**$1.74**	**$1.94**	**$2.09**	**$2.74**
Average Shares Outstanding	37.8	37.8	37.9	37.6	37.7	37.8	37.9	38.0	38.1	37.8	38.1	38.8	40.0	41.0

(1) For detailed explanations of non-GAAP financials and reconciliations of GAAP to non-GAAP financials, please refer to our 10-K and 10-Q filings with the SEC

(2) Adjusted EBITDA is defined as non-GAAP operating income + non-GAAP depreciation, which excludes $461K in accelerated depreciation for manufacturing consolidation in Q3 2024

Advanced Energy

Non-GAAP Measures

Detailed reconciliations of GAAP to non-GAAP financials can be found on the subsequent slides.

These slides include measures, such as non-GAAP net income, non-GAAP operating income, and non-GAAP earnings per share ("EPS") that are not prepared in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP"). Management uses non-GAAP net income and non-GAAP EPS to evaluate business performance without the impacts of certain non-cash charges and other charges which are not part of our usual operations. We use these non-GAAP measures to assess performance against business objectives and make business decisions, including developing budgets and forecasting future periods. In addition, management's incentive plans include certain of these non-GAAP measures as criteria for achievements. These non-GAAP measures are not prepared in accordance with U.S. GAAP and may differ from non-GAAP methods of accounting and reporting used by other companies. However, we believe these non-GAAP measures provide additional information that enables readers to evaluate our business from the perspective of management. The presentation of this additional information should not be considered a substitute for results prepared in accordance with U.S. GAAP.

The non-GAAP results presented below exclude the impact of non-cash related charges, such as stock-based compensation, amortization of intangible assets, and long-term unrealized foreign exchange gains and losses. In addition, we exclude discontinued operations and other items such as acquisition-related costs, facility, infrastructure, and other transition costs, and restructuring expenses, as they are not indicative of future performance. The tax effect of our non-GAAP adjustments represents the anticipated annual tax rate applied to each non-GAAP adjustment after consideration of their respective book and tax treatments. Non-GAAP results also exclude non-recurring discrete tax expenses or benefits. Finally, non-GAAP diluted weighted-average common shares are adjusted to reflect the dilutive impact of our convertible note based on the higher note hedge strike price instead of the initial conversion price.

Non-GAAP Reconciliation

($ in millions, except percentage and $ per share)

Reconciliation of non-GAAP measures Non-GAAP gross profit, gross margin, operating expenses, operating income, and operating margin	Three Months Ended			Six Months Ended	
	June 30,		March 31,	June 30,	
	2026	2025	2026	2026	2025
Gross profit from continuing operations, as reported	$ 236.1	$ 163.4	$ 200.9	$ 437.0	$ 313.9
Adjustments to gross profit:					
Stock-based compensation	2.2	1.2	1.5	3.7	2.3
Facility, infrastructure, and other transition costs	2.0	3.5	2.4	4.4	5.3
Non-GAAP gross profit	240.3	168.1	204.8	445.1	321.5
GAAP gross margin	41.1 %	37.0 %	39.3 %	40.3 %	37.1 %
Non-GAAP gross margin	41.9 %	38.1 %	40.1 %	41.0 %	38.0 %
Operating expenses from continuing operations, as reported	141.0	131.8	132.6	273.6	251.7
Adjustments:					
Amortization of intangible assets	(5.2)	(5.6)	(5.3)	(10.5)	(11.1)
Stock-based compensation	(19.2)	(12.4)	(16.6)	(35.8)	(24.3)
Acquisition-related costs	0.1	(1.8)	(0.2)	(0.1)	(2.8)
Facility, infrastructure, and other transition costs	(0.5)	(1.4)	(0.9)	(1.4)	(3.1)
Restructuring, asset impairments, and other charges	(1.4)	(7.0)	(2.6)	(4.0)	(8.2)
Non-GAAP operating expenses	114.8	103.6	107.0	221.8	202.2
Non-GAAP operating income	$ 125.5	$ 64.5	$ 97.8	$ 223.3	$ 119.3
GAAP operating income	$ 95.1	$ 31.6	$ 68.3	$ 163.4	$ 62.2
Adjustments to gross profit	4.2	4.7	3.9	8.1	7.6
Adjustments to operating expenses	26.2	28.2	25.6	51.8	49.5
Non-GAAP operating income	$ 125.5	$ 64.5	$ 97.8	$ 223.3	$ 119.3
GAAP income from continuing operations	$ 54.5	$ 25.5	$ 67.3	$ 121.8	$ 50.4
GAAP operating margin	16.6 %	7.2 %	13.4 %	15.1 %	7.4 %
Non-GAAP operating margin	21.9 %	14.6 %	19.1 %	20.6 %	14.1 %

Reconciliation of non-GAAP measures Non-GAAP income, net of income tax	Three Months Ended			Six Months Ended	
	June 30,		March 31,	June 30,	
	2026	2025	2026	2026	2025
Income from continuing operations, net of income tax	$ 54.5	$ 25.5	$ 67.3	$ 121.8	$ 50.4
Adjustments:					
Amortization of intangible assets	5.2	5.6	5.3	10.5	11.1
Acquisition-related costs	(0.1)	1.8	0.2	0.1	2.8
Facility, infrastructure, and other transition costs	2.5	4.9	3.3	5.8	8.4
Restructuring, asset impairments, and other charges	1.4	7.0	2.6	4.0	8.2
Loss on induced conversion of debt	31.8	—	—	31.8	—
Unrealized foreign currency loss (gain)	(1.0)	4.4	(1.9)	(2.9)	6.0
Other costs included in other income (expense), net	2.6	0.2	—	2.6	0.2
Stock-based compensation	21.4	13.6	18.1	39.5	26.6
Tax effect of non-GAAP adjustments, including certain discrete tax benefits	(6.1)	(6.4)	(11.5)	(17.6)	(10.2)
Non-GAAP income, net of income tax	$ 112.2	$ 56.6	$ 83.4	$ 195.6	$ 103.5

Reconciliation of non-GAAP measures Non-GAAP diluted weighted-average common shares	Three Months Ended			Six Months Ended	
	June 30,		March 31,	June 30,	
	2026	2025	2026	2026	2025
Diluted weighted-average common shares outstanding	42.3	37.8	42.2	42.3	38.0
Hedge effect of convertible notes	(1.3)	—	(2.2)	(1.5)	—
Non-GAAP diluted weighted-average common shares outstanding	41.0	37.8	40.0	40.8	38.0

Reconciliation of non-GAAP measures Non-GAAP earnings per share	Three Months Ended			Six Months Ended	
	June 30,		March 31,	June 30,	
	2026	2025	2026	2026	2025
Diluted earnings per share from continuing operations, as reported	$ 1.29	$ 0.67	$ 1.59	$ 2.88	$ 1.33
Add back:					
Per share impact of non-GAAP adjustments, net of tax	1.45	0.83	0.50	1.91	1.39
Non-GAAP earnings per share	$ 2.74	$ 1.50	$ 2.09	$ 4.79	$ 2.72

Advanced Energy

Q3 2026 Reconciliation of GAAP to Non-GAAP Guidance

Reconciliation of Q3 2026 Guidance

	Low End	High End
Revenue	**$620 million**	**$660 million**
Reconciliation of non-GAAP earnings per share		
GAAP earnings per share	$ 2.13	$ 2.63
Stock-based compensation	0.43	0.43
Amortization of intangible assets	0.12	0.12
Restructuring expenses and other costs	0.11	0.11
Tax effects of excluded items	(0.13)	(0.13)
Convertible note dilution	0.09	0.09
Non-GAAP earnings per share	**$ 2.75**	**$ 3.25**