



2024 Capital Markets Day

November 12, 2024

Forward Looking Statements (1/2)

CERTAIN STATEMENTS MADE IN THIS INVESTOR PRESENTATION ARE FORWARD-LOOKING STATEMENTS WITHIN THE MEANING OF THE PRIVATE SECURITIES LITIGATION REFORM ACT OF 1995. FORWARD-LOOKING STATEMENTS INCLUDE STATEMENTS CONCERNING CHART'S BUSINESS PLANS, INCLUDING STATEMENTS REGARDING OBJECTIVES, FUTURE ORDERS, REVENUES, MARGINS, EARNINGS, PERFORMANCE OR OUTLOOK, BUSINESS OR INDUSTRY TRENDS, REPAYMENT OR SETTLEMENT OF MATURING DEBT, IMPACT OF GOVERNMENT POLICIES ON MARKET OPPORTUNITIES, AND OTHER INFORMATION THAT IS NOT HISTORICAL IN NATURE. FORWARD-LOOKING STATEMENTS MAY BE IDENTIFIED BY TERMINOLOGY SUCH AS "MAY," "WILL," "SHOULD," "COULD," "EXPECTS," "ANTICIPATES," "BELIEVES," "PROJECTS," "FORECASTS," "INDICATORS", "OUTLOOK," "GUIDANCE," "CONTINUE," "TARGET," OR THE NEGATIVE OF SUCH TERMS OR COMPARABLE TERMINOLOGY.

FORWARD-LOOKING STATEMENTS CONTAINED IN THIS PRESENTATION OR IN OTHER STATEMENTS MADE BY CHART ARE MADE BASED ON MANAGEMENT'S EXPECTATIONS AND BELIEFS CONCERNING FUTURE EVENTS IMPACTING CHART AND ARE SUBJECT TO UNCERTAINTIES AND FACTORS RELATING TO CHART'S OPERATIONS AND BUSINESS ENVIRONMENT, ALL OF WHICH ARE DIFFICULT TO PREDICT AND MANY OF WHICH ARE BEYOND CHART'S CONTROL, THAT COULD CAUSE CHART'S ACTUAL RESULTS TO DIFFER MATERIALLY FROM THOSE MATTERS EXPRESSED OR IMPLIED BY FORWARD-LOOKING STATEMENTS. FACTORS THAT COULD CAUSE CHART'S ACTUAL RESULTS TO DIFFER MATERIALLY FROM THOSE DESCRIBED IN THE FORWARD-LOOKING STATEMENTS INCLUDE: CHART MAY BE UNABLE TO ACHIEVE THE ANTICIPATED BENEFITS OF RECENT ACQUISITIONS, INCLUDING THE ACQUISITION OF HOWDEN (THE "ACQUISITION") (INCLUDING WITH RESPECT TO ESTIMATED FUTURE COST AND COMMERCIAL SYNERGIES); REVENUES FOLLOWING THE ACQUISITION MAY BE LOWER THAN EXPECTED; OPERATING COSTS, CUSTOMER LOSSES, AND BUSINESS DISRUPTION (INCLUDING, WITHOUT LIMITATION, DIFFICULTIES IN MAINTAINING RELATIONSHIPS WITH EMPLOYEES, CUSTOMERS AND SUPPLIERS) RESULTING FROM THE ACQUISITION MAY BE GREATER THAN EXPECTED; SLOWER THAN ANTICIPATED GROWTH AND MARKET ACCEPTANCE OF NEW CLEAN ENERGY PRODUCT OFFERINGS; INABILITY TO ACHIEVE EXPECTED PRICING INCREASES OR CONTINUED SUPPLY CHAIN CHALLENGES INCLUDING VOLATILITY IN RAW MATERIALS AND SUPPLY; RISKS RELATING TO REGIONAL CONFLICTS AND UNREST, INCLUDING THE RECENT UNREST IN THE MIDDLE EAST AND THE CONFLICT BETWEEN RUSSIA AND UKRAINE, INCLUDING POTENTIAL ENERGY SHORTAGES IN EUROPE AND ELSEWHERE AND THE OTHER FACTORS DISCUSSED IN ITEM 1A (RISK FACTORS) IN CHART'S MOST RECENT ANNUAL REPORT ON FORM 10-K FILED WITH THE SEC, WHICH SHOULD BE REVIEWED CAREFULLY. CHART UNDERTAKES NO OBLIGATION TO UPDATE OR REVISE ANY FORWARD-LOOKING STATEMENT.

Forward Looking Statements (2/2)

THIS PRESENTATION CONTAINS NON-GAAP FINANCIAL INFORMATION INCLUDING ADJUSTED DILUTED EPS, FREE CASH FLOW, FREE CASH FLOW CONVERSION, EBITDA, AND ADJUSTED EBITDDA. THE PRESENTATION ALSO CONTAINS VARIOUS PRO FORMA MEASURES TO REFLECT THE FOLLOWING BUSINESSES THAT WERE DIVESTED IN 2023: ROOTS, AMERICAN FAN, COFIMCO, AND CRYO DIFFUSION. FOR ADDITIONAL INFORMATION REGARDING THE COMPANY'S USE OF NON-GAAP FINANCIAL INFORMATION, AS WELL AS RECONCILIATIONS OF NON-GAAP FINANCIAL MEASURES TO THE MOST DIRECTLY COMPARABLE FINANCIAL MEASURES CALCULATED AND PRESENTED IN ACCORDANCE WITH ACCOUNTING PRINCIPLES GENERALLY ACCEPTED IN THE UNITED STATES ("GAAP"), PLEASE SEE THE RECONCILIATION SLIDES TITLED "PRO FORMA SALES AND CAPITAL EXPENDITURES RECONCILIATION", AND "PRO FORMA ADJUSTED EBITDA 2023" INCLUDED IN, OR IN THE APPENDIX AT THE END OF, THIS PRESENTATION. WITH RESPECT TO THE COMPANY'S 2025 OUTLOOK, 2025 SALES BRIDGES, 2025 ADJUSTED EBITDA BRIDGE, 2025 ADJUSTED DILUTED EARNINGS PER SHARE BRIDGE, 2025 FREE CASH FLOW BRIDGE AND PROGRESS TOWARDS MEDIUM TERM (2026) TARGETS. THE COMPANY IS NOT ABLE TO PROVIDE A RECONCILIATION OF THE ADJUSTED EBITDA, FREE CASH FLOW OR ADJUSTED EPS OUTLOOKS BECAUSE CERTAIN ITEMS MAY HAVE NOT YET OCCURRED OR ARE OUT OF THE COMPANY'S CONTROL AND/OR CANNOT BE REASONABLY PREDICTED.

CHART INDUSTRIES, INC. IS A LEADING INDEPENDENT GLOBAL LEADER IN THE DESIGN, ENGINEERING, AND MANUFACTURING OF PROCESS TECHNOLOGIES AND EQUIPMENT FOR GAS AND LIQUID MOLECULE HANDLING FOR THE NEXUS OF CLEAN™ - CLEAN POWER, CLEAN WATER, CLEAN FOOD, AND CLEAN INDUSTRIALS, REGARDLESS OF MOLECULE. THE COMPANY'S UNIQUE PRODUCT AND SOLUTION PORTFOLIO ACROSS STATIONARY AND ROTATING EQUIPMENT IS USED IN EVERY PHASE OF THE LIQUID GAS SUPPLY CHAIN, INCLUDING ENGINEERING, SERVICE AND REPAIR FROM INSTALLATION TO PREVENTIVE MAINTENANCE AND DIGITAL MONITORING. CHART IS A LEADING PROVIDER OF TECHNOLOGY, EQUIPMENT AND SERVICES RELATED TO LIQUEFIED NATURAL GAS, HYDROGEN, BIOGAS AND CO2 CAPTURE AMONGST OTHER APPLICATIONS. CHART IS COMMITTED TO EXCELLENCE IN ENVIRONMENTAL, SOCIAL AND CORPORATE GOVERNANCE (ESG) ISSUES BOTH FOR ITS COMPANY AS WELL AS ITS CUSTOMERS. WITH OVER 48 GLOBAL MANUFACTURING LOCATIONS AND 41 SERVICE CENTERS FROM THE UNITED STATES TO ASIA, AUSTRALIA, INDIA, EUROPE AND SOUTH AMERICA, THE COMPANY MAINTAINS ACCOUNTABILITY AND TRANSPARENCY TO ITS TEAM MEMBERS, SUPPLIERS, CUSTOMERS AND COMMUNITIES. TO LEARN MORE, VISIT WWW.CHARTINDUSTRIES.COM.

Safety Moment – Work at Heights

UNSAFE

Unsafe conditions / equipment I am looking for?

- Any people / lift-baskets used on a Forklift truck
- Loose ladders that are not locked away
- Folding step ladders used where a mobile platform can be used
- Unprotected edges / holes at height
- Low level work at heights that may cause injury like stepping onto machinery
- Scaffolding or platform steps that are beyond their inspection date
- Chairs that are used as a ladder
- Harness not in use / not hooked on / unsafe hook up
- Falling objects / tooling risk uncontrolled – particularly from scaffolds



What do Safe Equipment / Conditions look like?

- Scissor lifts or Mobile Elevated Work Platforms by trained persons
- Any loose ladders kept under lock and key; risk assessment done when used
- Mobile steps with 2 handrails and platform that is at the right height for the task
- Edge protection where possible
- Clear edge markings where there is a change in level
- Clear indications of last inspection of equipment of scaffold / platform steps.
- Small lightweight step platform stored near to point of use
- Tool restraint lanyards and / or close boarded scaffold

SAFE



Agenda

Taking Advantage of Secular Growth Themes

Presenter: Jill Evanko, CEO and President

Driving Profitable Growth

Presenter: Joe Brinkman, CFO

Looking Ahead to Sustainable Growth

Presenter: Jill Evanko, CEO and President



Powering the Nexus of Clean™

“Chart’s vision is to be the **global independent leader in design, engineering and manufacturing of process technologies and equipment for gas and liquid molecule handling for the Nexus of Clean™** – clean power, clean water, clean food, and clean industrials - regardless of molecule”

Jill Evanko

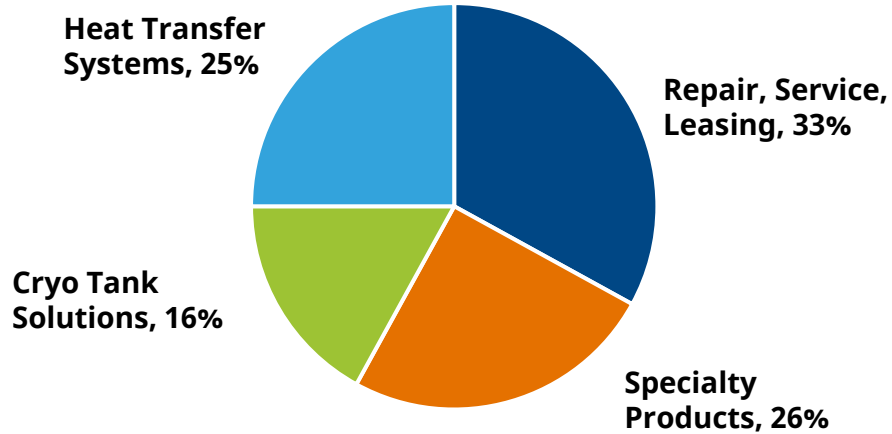
CEO and President



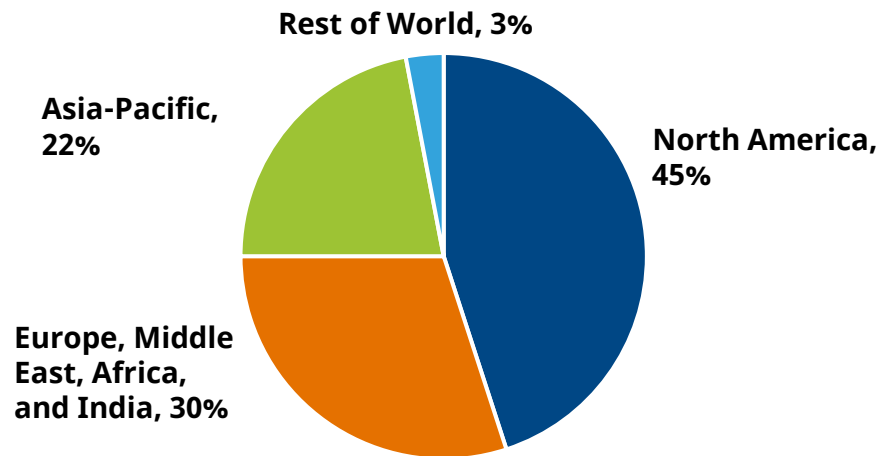
Cooler By Design.™

Chart Industries Overview

Sales by Segment:



Sales by Geography:



50

The number of countries we operate in



64

The number of manufacturing sites globally



50+

The number of repair and service sites globally



1,500+

Engineers on our team



1,300+

Trademarks and patents held



450,000

Global installed base of equipment

Chart's Evolution

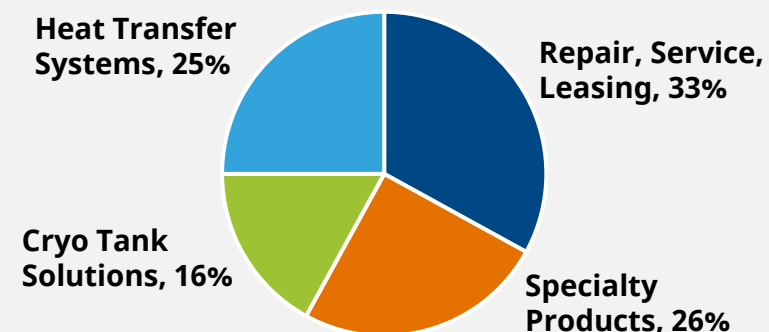
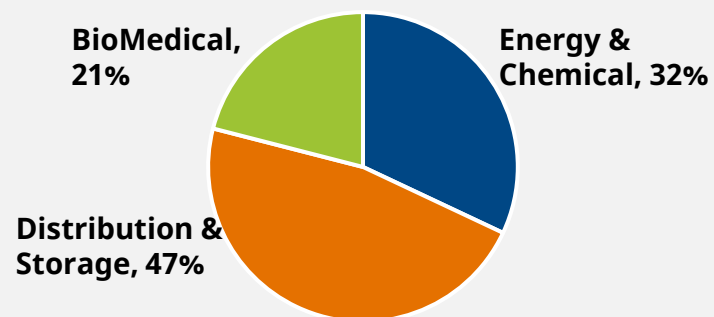
	2015	2023 PF ²	2025E
	<i>As reported</i>	<i>(PF Howden ex. Roots, Cofimco, American Fans, CD)</i>	<i>Guidance mid-point</i>
Revenue (\$M)	\$1,040	\$3,559	~\$4,750
Adjusted EBITDA (\$M) ¹	136	749	~1,200
Adjusted EBITDA margin (%)	13.1%	21.0%	25.3%
Capex (\$M)	47	140	~105
Capex % of revenue	4.5%	3.9%	2.2%

Cyclicality

Aftermarket 0%

Aftermarket 33%

Segments ⁽³⁾



1. Adjusted EBITDA is not measures of financial performance under U.S. GAAP and should not be considered as an alternative to net income (in the case of Adjusted EBITDA)
 2. Pro forma "PF" includes Howden, excluding Roots™, and excludes results of American Fan, Cofimco, and Cryo Diffusion. The pro forma results are included in the appendix.
 3. Segment data for Chart uses the 2015 10K and year-to-date 2024 revenue from the September 2024 10-Q

Broad Macro Tailwinds Positively Impacting Chart



Global Energy Transition and Access

Increasing focus on energy security, energy access, and energy/grid stability in addition to demand and government support for decarbonization

How Chart Plays:

- Equipment and process technology for production, distribution & storage and end use of a molecule
- Global service network to support installed base
- Efficient equipment and services enabling emissions reduction across multiple industrial processes



Clean Water Scarcity

Clean water scarcity driven by stringent regulatory environment, water scarcity, and investment in treatment plants and desalination

- Full solution water treatment including arsenic, PFAS
- Systems for environment remediation and water remineralization
- Compression



Increased Demand for Energy

The electrification of everything and growth of Artificial Intelligence/ global computing power leads to increased demand for energy, globally

- Efficient, safe solutions for mining of critical minerals and electrification
- Heat rejection/transfer and ventilation
- Backup power for data center
- Full solution carbon capture offering from high to low capture purity



Population Growth and Aging Infrastructure

Rising middle class, global regulatory environment, and modernization requires molecule economy

- Decarbonization of mobility
- Supply and demand side equipment and technology for the molecule economy

Chart's Competitive Advantage



Solutions and Equipment

Engineered solutions across stationary and rotating equipment for different applications



Domain Expertise / Our People

Over 35% of our team members have an engineering background



New Products / R&D

In addition to R&D dollars, Chart is funding technology through SG&A and Capex



Flexible Manufacturing

Multiple locations can produce equipment, ensuring supply chain continuity



Chart Business System

A unified operating system exists across each vertical and manufacturing location



Proximity to Customer

Geographic proximity for both new build and aftermarket, service & repair



Certifications & Regulations

Significant involvement with trade and global government organizations



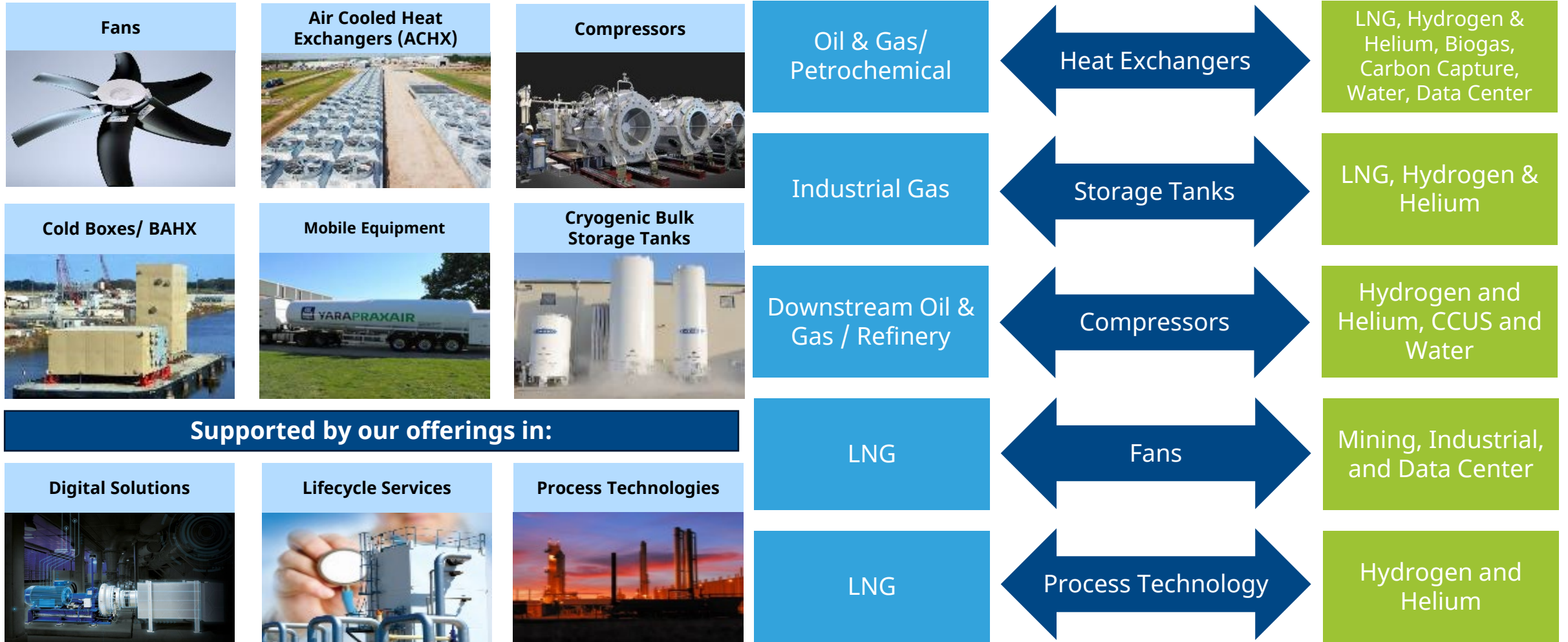
Molecule Agnostic

Chart does not have to change its manufacturing capabilities to service multiple molecules

Portfolio Serves Multiple Applications and Markets

Mission Critical Equipment, Process Technology, and Service

< ----- Across Traditional Energy to Energy Transition to Specialty Markets ----- >



Manufacturing in Action – La Crosse, Wisconsin (USA)



Site Information

- Produces Brazed Aluminum Heat Exchanger (“BAHX”)
- Original production line dates to the 1950s
- Multiple brazing furnaces including the 1st and 2nd largest in the world

Brazed Aluminum Core



BAHX Serve

LNG
 Hydrogen &
 Helium
 Carbon Capture
 Industrial gas
 Biogas
 Petrochemical
 Oil & Gas

Chart Business Excellence (CBE) in action

- Tulsa, Oklahoma (USA) also has BAHX capabilities and is utilizing CBE tools
- Lean six sigma training globally
- Tools including kaizen events have yielded multiple automation and operational improvements to increase output... with more to go!

Manufacturing in Action – Theodore, Alabama (USA)



Portion of inner storage vessel



**28 Foot
Diameter**

Site Information for “Teddy 2”

- Produces jumbo cryogenic tanks
- Launched operations in 2024
- Ability to produce the world’s largest shop-built cryogenic tanks up to 1,700 cubic meters
- Direct water access
- Railroad spur onsite
- Serves LNG, space exploration, industrial gas, and marine end markets
- Enables flexible manufacturing with New Prague, MN (USA), Decin, Czech Republic, and Ball Ground, GA (USA)

End Market Outlook – Industry CAGRs Through 2030

Segment	End Market	Approximate Growth ¹
Cyro Tank Solutions	Industrial gas	Low-to-mid single digits
Heat Transfer	Natural gas/ LNG	Approximately 50%
Heat Transfer	Traditional energy	Low-to-mid single digits
Heat Transfer	Data Centers	Approximately 10%
Specialty Products	Hydrogen	7% to 10%
Specialty Products	Nuclear	Mid-to-high single digits
Specialty Products	Metals & mining	Approximately 10%
Specialty Products	Space	Mid-teens
Specialty Products	Carbon capture & storage (CCUS)	Approximately 20%
Specialty Products	Water treatment	High-single digits
Specialty Products	Food & beverage	Mid-single digits
Repair, Service & Leasing	Aftermarket	High-single digits to 10%

Our commercial pipeline is greater than \$24 billion

Data Center / AI-Related

Chart's Products For Data Center Applications

Fans



Air Cooled Heat Exchangers (ACHX)



Compressors



Cold Boxes



Brazed Aluminum Heat Exchangers (BAHX)



Carbon Capture



Digital Solutions



Lifecycle Services



Cryogenic Bulk Storage Tanks



\$500+ million opportunity next 3-years

2024 Wins Year-to-Date

- ~\$40 million data center air cooled heat exchanger (ACHX) in Q2 2024
- ~\$40 million data center air cooled heat exchanger order which will be in our Heat Transfer System segment backlog for Q4 2024

Chart Solutions for DC + AI + Increased Energy Demand

- Cooling and ventilation
- Heat and energy recovery
- Carbon Capture, Utilization and Storage (CCUS)
- Onsite and back-up power
- Software solutions

LNG Opportunity

The rising demand for energy requires a hybrid of solutions inclusive of LNG, hydrogen, renewables, and energy storage

Big LNG



ssLNG/FLNG



Infrastructure



Retrofit & Service



Equipment/Solution

- IPSMR® Liquefaction process technology
- Brazed Aluminum Heat Exchanger (BAHX)
- Cold Boxes
- Fans

Equipment/Solution

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Equipment/Solution

- ISO Containers
- LNG Fueling Stations
- Vehicle Tanks
- Gas by Rail
- Regas Facilities

Equipment/Solution

- Nitrogen Rejection Units (NRU)/Heavy Hydrocarbon Removal Systems
- Services
- Boil off gas liquefaction

Select List of LNG Projects

Below is a select list of LNG projects that use Chart equipment or Chart's IPSMR® patented process technology.

A (1) denotes that the project utilizes Chart's IPSMR® technology

Announced and Underway Projects

- Cheniere Sabine Pass Trains 1-6
- Cheniere Corpus Christi Trains 1-3
- Cheniere Corpus Christi Stage 3¹
- Cedar LNG
- Elba Island
- FortisBC Tilbury LNG¹
- Golar Gimi and Hilli FLNG
- Ksi Lsmis LNG
- Magnolia
- New Fortress Energy Fast LNG at Altamira, Mexico¹
- Sempra Port Arthur
- Venture Global Calcasieu Pass
- Venture Global Plaquemines
- Venture Global Calcasieu Pass 2
- Wison ssLNG and FLNG¹ (multiple projects)

Anticipated Projects

- Argent Port Fourchon¹
- ExxonMobil Rovuma LNG¹
- Pointe LNG¹
- Venture Global Delta & other expansions
- Woodside Louisiana LNG¹
- Dozens of additional projects which cannot be named at this time due to non-disclosure agreements

IPSMR[®] is Winning in the Marketplace

Integrated Pre-Cooled Single Mixed Refrigerant or IPSMR[®] is Chart's patented process technology for modular liquefaction solutions and can be paired with our multiple heat exchanger technologies

Industry Shift to Modular

- Less upfront capital spending versus stick or baseload projects
- Easier to manage construction timeline:
 - Mission critical equipment is built within a factory and assembled at customer's site
 - Fewer onsite construction personnel needed through project completion
- Initial production trains are used to fund future production trains
- Easier to service individual modular trains vs. single large trains

IPSMR[®] Benefits

- Chart is the only supplier with both process technology and brazed aluminum heat exchangers for LNG
- Typically, ~10% more efficient than other SMR technologies
- BAHX allow for lower cold box height and more efficient plant shutdowns
- Train sizes are easily matched to customer's configuration allowing for standardization
- Ability to integrate heavy hydrocarbon removal and nitrogen rejection technology

Hydrogen

- **Diverse Hydrogen (H2) Solutions** which serve both gas & liquid H2 across the entire H2 value chain
- **Wide Range of H2 Applications Served** including production, mobility, storage, eFuels, and industrial
- **Global Reach** with equipment and solutions deployed in 22 countries
- **Independence** as Chart does not produce or own the molecule
- **Significant Installed Based, Ability to Scale, and Aftermarket Capabilities**

Applications

Hydrogen Liquefaction

Hydrogen Storage

Green Fuels (eFuels)

Green Steel

Green Ammonia

Blue Hydrogen

Refueling Stations

Power to X

Hydrogen Pipelines

Hydrogen Bottle Filling

Nuclear/ Small Modular Reactor (SMR)

Chart's Products for Nuclear Applications

Fans & Blowers



Cryogenic Equipment



Diaphragm Compressors



Primary Circulators



Water Treatment



Steam Turbine



Reactor Vessels



Heat Exchangers



Screw Compressors



~\$300 million opportunity next 3-years

Market Demand

- On-grid coal-fired power replacement
- Industrial hydrogen, steam, power, and heat
- Diesel / gas replacement for off-grid metals and mining
- District heating fossil-fuel replacement
- Data centers fossil-fuel replacement

Chart Solutions for Traditional and SMR Nuclear Demand

- Air conditioning, cooling, ventilation, and filtration
- Heat and energy recovery
- Compression
- Helium circulation and helium refrigeration
- Steam and power generation
- Water treatment

Carbon Capture Utilization & Storage (“CCUS”)

Diverse CCUS Solutions from our Sustainable Energy Solutions (“SES”) and Earthly Labs capture technology including cryogenic carbon capture (“CCC”) to direct air capture components (“DAC”) and solid sorbents (Svante minority interest) in addition to infrastructure including a large global installed base of CO2 compressors and distribution equipment

Scaling Up Technology



CiCi® Oak

- Launched 2018
- Production breweries
- *5K - 25K BBL



CiCi® Elm

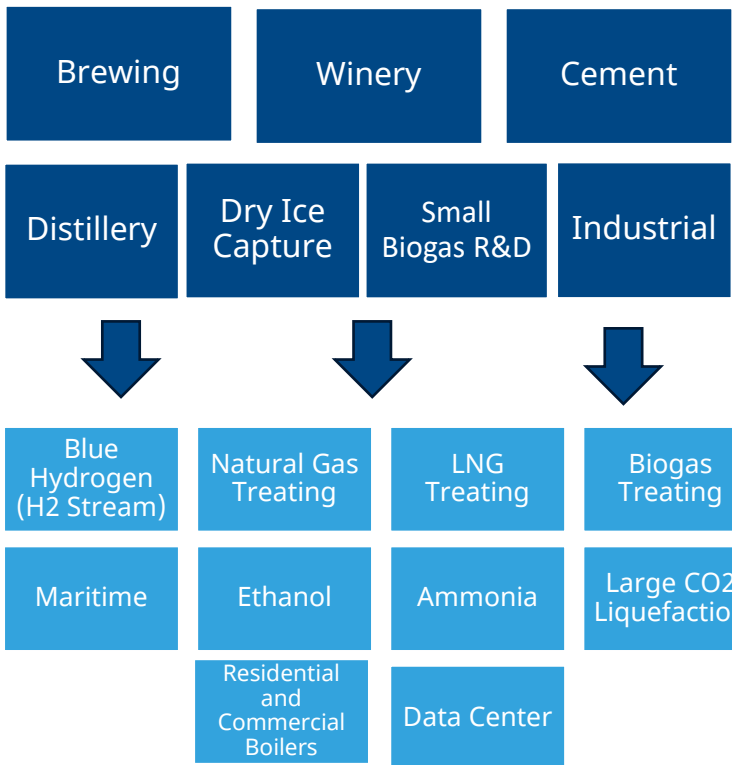
- Install 2023
- Large craft breweries
- 25K – 200K + BBL



SES Cryogenic Solution

- Post combustion
- Cement and Industrial
- Handles impurities
- High-purity liquid CO2

Entering New Markets



Digital Connection

At-a-Glance Monitoring

- Real-time Oxygen Levels
- Pressures & Temperature
- Dewar Full Levels
- CO₂ Capture Volume
- Alarms & Alerts

Mobile Dashboard

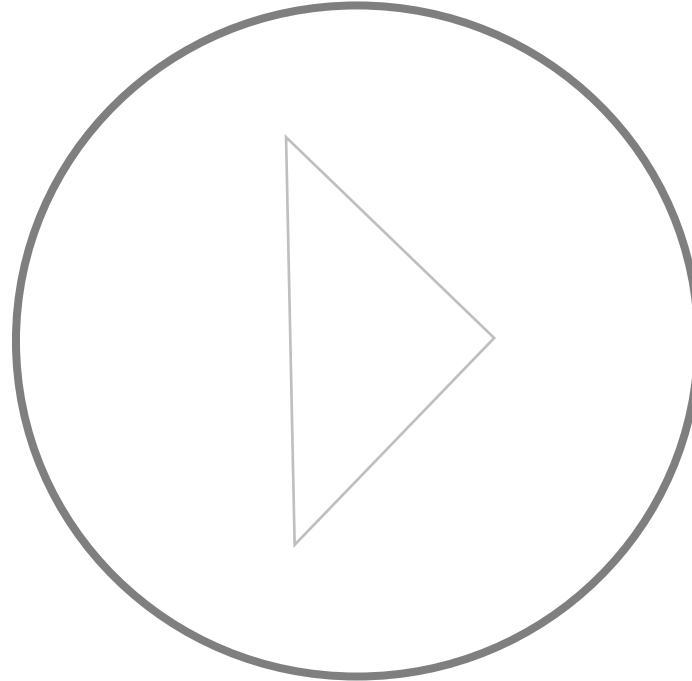
- Check Status from mobile device
- Alerts & team notices

Remote Dashboard

- Trends
- Maintenance
- Troubleshooting

Customer Focus

Opus One Winery, Customer Use Case for Carbon Capture



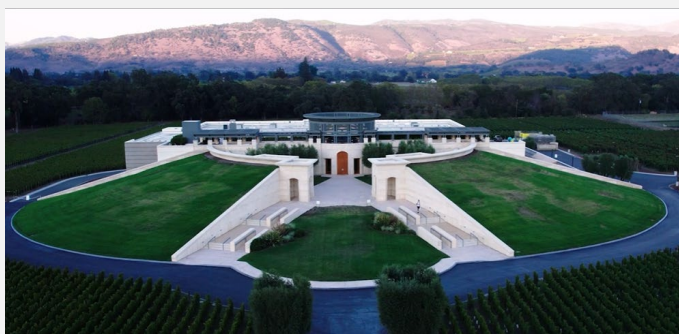
Aftermarket Case Studies

Field Network



In Europe, Chart signed a 24/7 lifecycle service contract with an LNG refueling station operator and was able to increase their asset availability to 99.8% while at the same time the operator saw a 400% increase in customer interactions. Due to our short response times and value provided, this operator has awarded us additional stations

Digital Solutions



Pioneer in ultra-premium winemaking, Opus One Winery has implemented Chart's Earthly Labs' CiCi (Oak) solution to capture CO2. Opus One Winery is using our digital Uptime real-time monitoring software to track CO2 captured. Additionally, Opus One will pilot the upgraded visualization dashboard using Chart's digital Uptime platform

Retrofit Capabilities/ 3rd Party

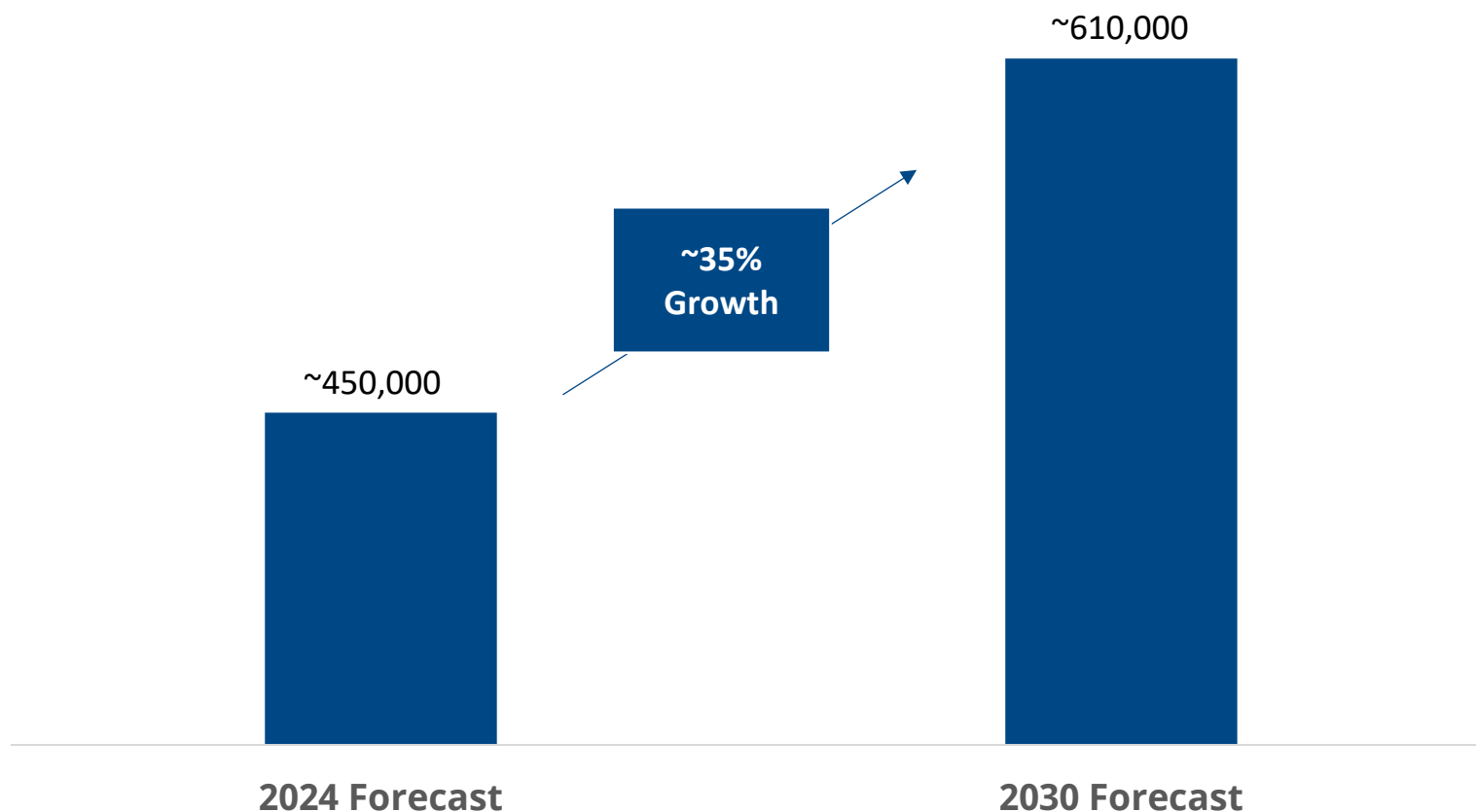


Cheniere Energy asked Chart to build their TufLite IV fans in a short period of time, but they also needed them tested before approval. The only way we could do that was in a wind tunnel given their external conditions. Thanks to Howden's wind tunnel, we were able to exceed their timeline and win the TufLite IV fan retrofit

Combined Chart Installed Base Growth

Installed Base Growth

Number of units



Anticipated to increase installed by ~50,000 units in 2024

Increasing non-OEM (i.e., 3rd party) service offering

Expanding coverage and services to support full range of products

Implementing digital and data processes to drive customer productivity and digitize Chart's installed base

Utilizing global network with ~40% of installed base under aftermarket coverage

Still early in our aftermarket and service implementation journey

Executing on Our Targets While Doing Good for the Planet and Community

Continuous Improvement and Excellence in our ESG Ratings

Achieving Corporate Sustainability

Committed to Safety and Sustainability

S&P Global

Score of **32**

1st quartile compared to peers in the industry. Average industry score is 23.



Chart's Q3 Total Recordable Incident Rate (TRIR) is **0.43**, our lowest quarter end result, and is

82% Better

than the industry average



2021 Rating: 36.7
2022 Rating: 33
2023 Rating: 30.2
2024 Rating: **28.3**

Partnering with organizations globally to support the communities where we live and serve including:



Progress Towards 2030 Goals

Chart reduced its GHG intensity by 27% relative to 2022, achieving our target of reducing GHG emissions intensity 50% by 2030 (relative to a 2020 baseline) seven years ahead of target. We are currently rebaselining and executing a double materiality assessment. We plan to commit to updated targets in our 2024 Sustainability Report which will be released in April of 2025.



A
ESG Score in Industrial Machinery



2021 Rating: D
2022 Rating: D+
2023 Rating: C-
2024 Rating: **C**

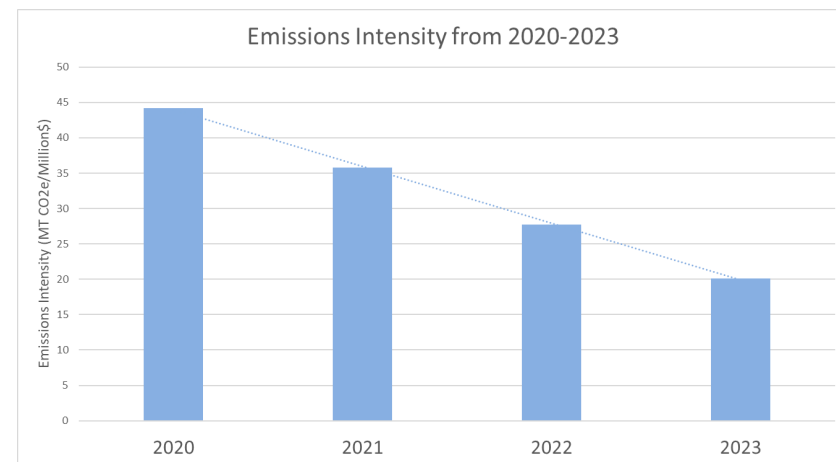


Chart Industries 2025 Outlook

Guidance Metrics as of November 1, 2024

	Full Year Guidance
Revenue	\$4.65 to \$4.85 Billion
Adjusted EBITDA ¹	\$1.175 to \$1.225 Billion
Adjusted Diluted Earnings per share ¹	\$12.00 to \$13.00
Free Cash Flow ¹	\$550 to \$600 Million
Tax Rate	Approximately 22%

1. Adjusted EBITDA, Adjusted Diluted Earnings per share, and Free Cash Flow are not measures of financial performance under U.S. GAAP and should not be considered as an alternative to net income in accordance with U.S. GAAP (as is the case with adjusted EBITDA) and cashflows from operations in accordance with U.S. GAAP (as is the case with free cash flow). Management believes that Adjusted EBITDA, Adjusted Diluted Earnings Per Share, and Free Cash Flow facilitate useful period-to-period comparisons of financial results and the information is used by us in evaluating our internal performance.



Driving Profitable Growth

“As we head into 2025, we are driving continued operational performance with a focus on Chart Business Excellence and our cash culture”

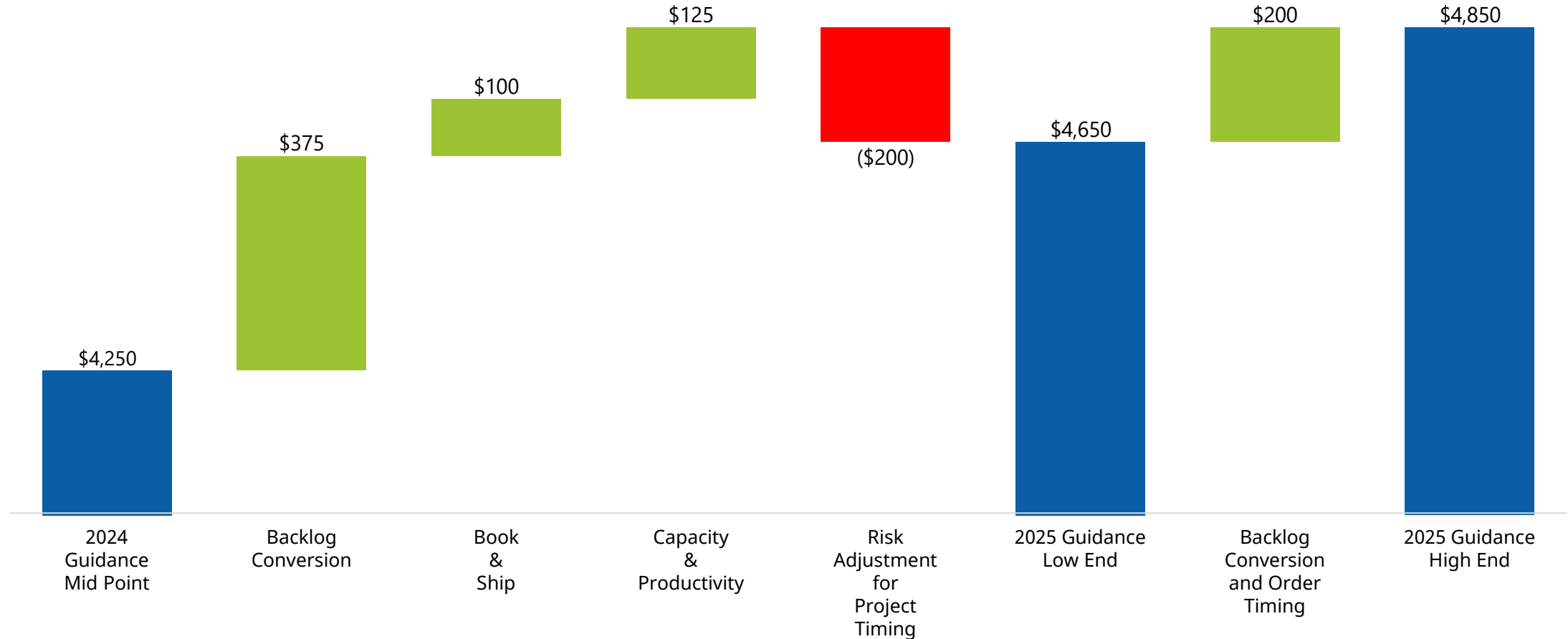
Joseph Brinkman
Chief Financial Officer



Cooler By Design.™

2025 Sales Bridge

\$ millions



Approximately 60% of year end backlog is anticipated to ship in 2025

Segment Sales Outlook

Forecasted Growth 2025

Commentary

Cryo Tank Solutions

Low Single Digits

- Typical activity anticipated in industrial gas markets in North America, Europe, and Asia Pacific
- Anticipating flat industrial gas in China to 2024

Heat Transfer Systems

Double Digits

- Continued LNG growth driven by backlog and orders
- Year-over-year growth in traditional energy markets
- Data Center backlog conversion in 2025

Specialty Products

Double Digits

- Continued global hydrogen, CCUS, water, space exploration, food & beverage sales growth driven by backlog conversion and new orders
- For year, anticipate book to bill 1.0 or greater

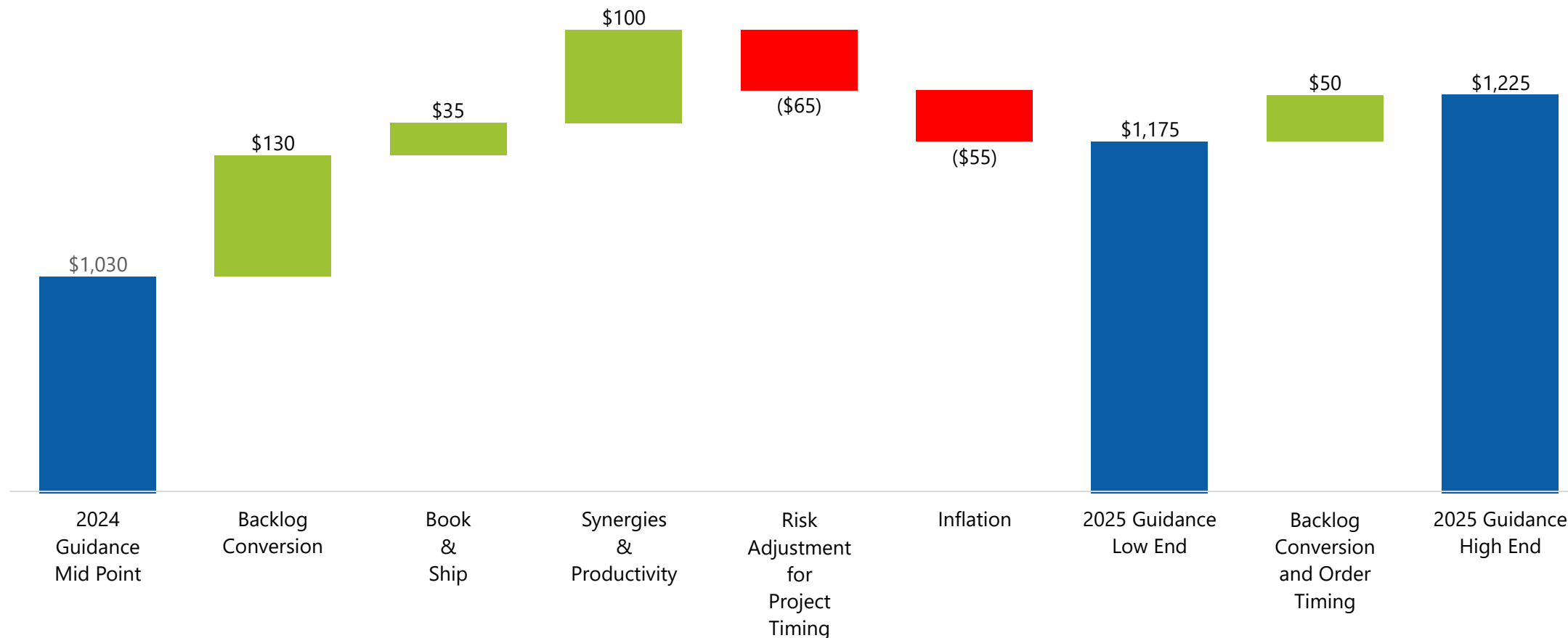
**Repair, Service, Leasing
(Aftermarket)**

**High Single Digit
to 10%**

- Tailwinds related to field network, digital, and retrofit opportunities as well as additional synergies
- Normal seasonality of service work on plant outages

2025 Adjusted EBITDA¹ Bridge

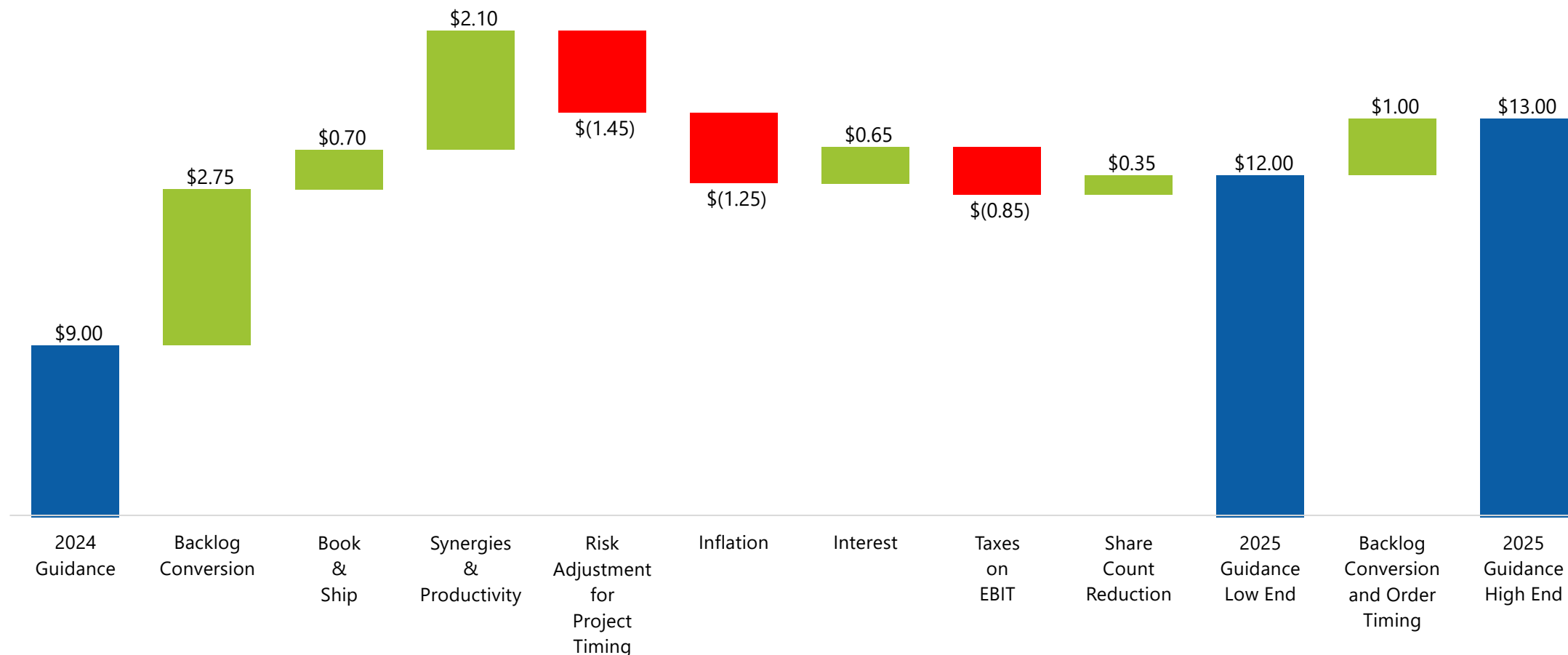
\$ millions



Margin in backlog is accretive to 2025 performance

1. Adjusted EBITDA is not a measure of financial performance under U.S. GAAP and should not be considered as an alternative to net income

2025 Adjusted Diluted Earnings Per Share¹ Bridge



EPS growth driven by operating performance and favorable interest expense

1. Adjusted diluted EPS is not a measure of financial performance under U.S. GAAP and should not be considered as an alternative to diluted EPS

Cash Culture

Cash Culture

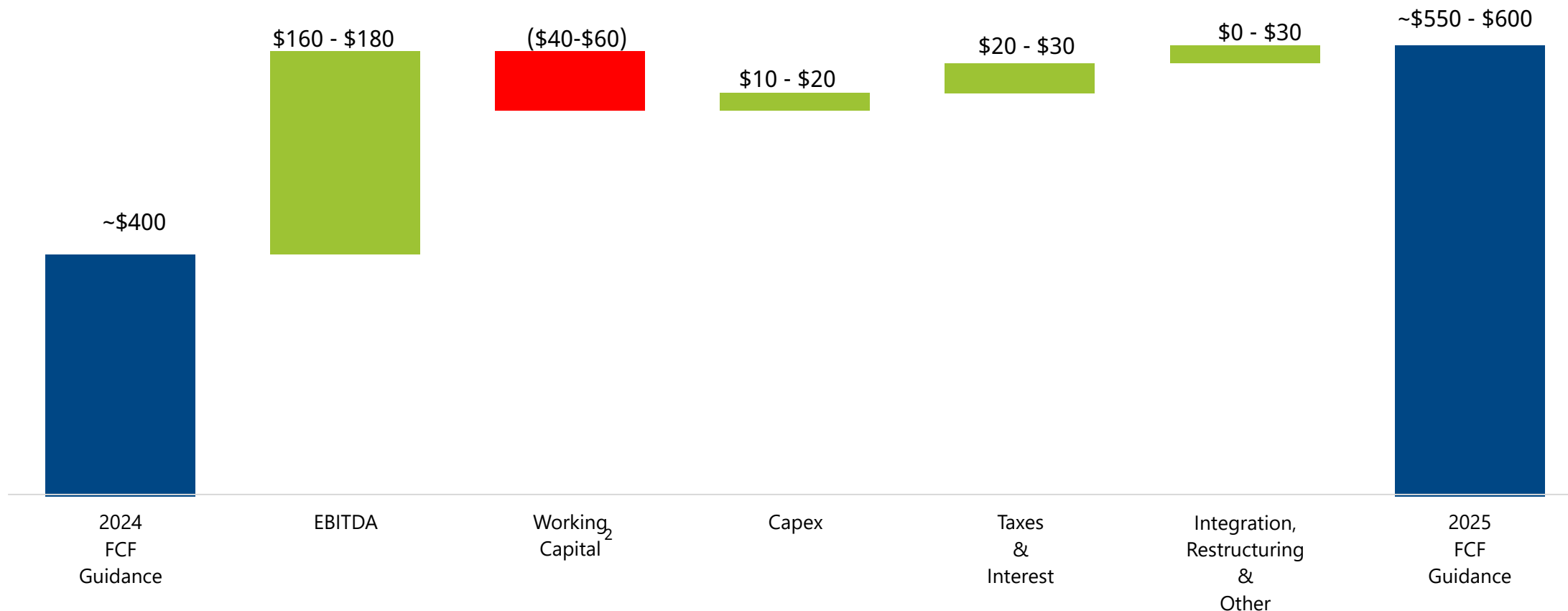
- Short-term incentive (“STI”) aligned with debt paydown
- Ongoing and frequent global One Chart training on working capital management
- Disciplined approach to capital expenditures, targeting 2.0-2.5% of revenue
- Balance sheet optimization activities

Organization

- Global project management team, commercial team, and operations team work together on cash milestones and collections
- Fostering cash-centric mindset across the organization with global team engagement (e.g., cash calls with executive leadership, newsletters)

2025 Free Cash Flow¹ Bridge

\$ millions



Free cash flow conversion accelerates in 2025

1. Free Cash Flow is not a measure of financial performance under U.S. GAAP and should not be considered as an alternative to cash flow from operations
 2. Working capital defined as accounts receivable plus inventory plus unbilled contract revenue less accounts payable and less customer advances and billing in excess of contract

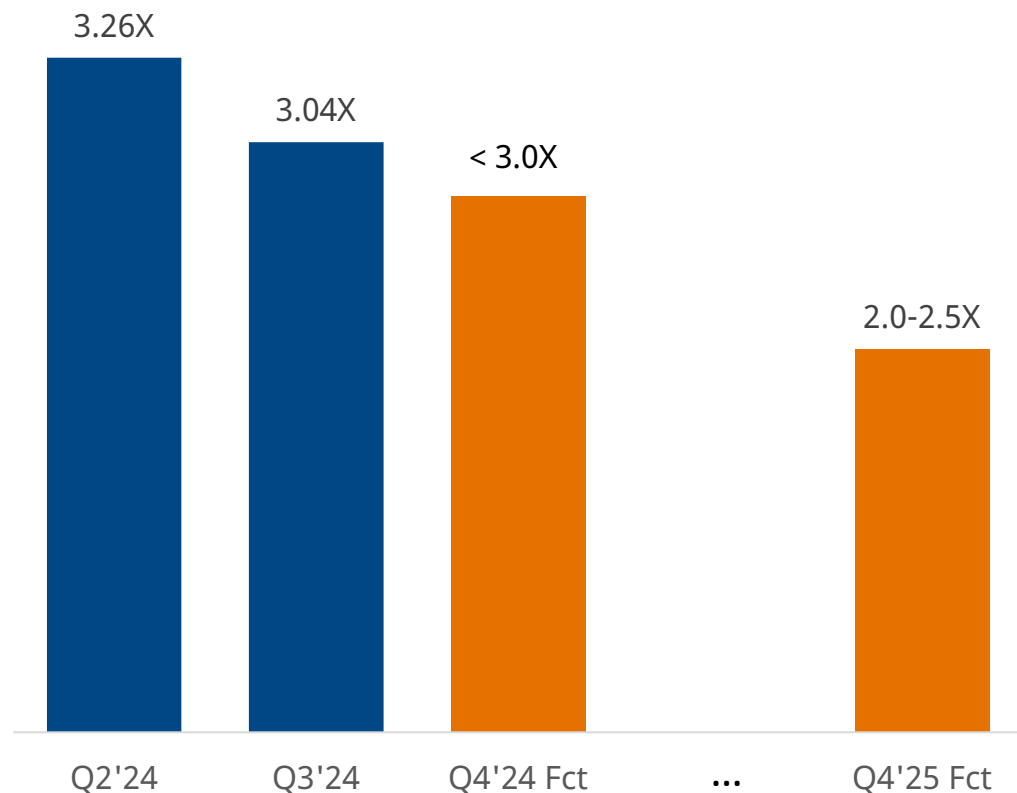
Debt Reduction Bridge



Anticipate to reach net leverage target exiting 2025

Strong and Flexible Capital Structure

Debt Covenant²: Net Debt / LTM Bank EBITDA¹



- Long-dated debt maturity profile with majority of debt due after 2029
- Reiterate our financial policy that until we are within our target net leverage ratio range of 2.0-2.5X, we will not do any additional material cash acquisitions or share repurchases
- 1% Convertible Note will settle at maturity in November 2024 with cash payment for principal and delivery of share for the premium (already contemplated in guidance)
- The Mandatory Convertible Preferred Stock is expected to automatically convert into shares of Chart common stock in December 2025. Therefore, Chart will no longer pay the associated dividend in 2026.

1. EBITDA is a non-GAAP measure and should not be consulted as an alternative to net income in accordance with U.S. GAAP.
 2. Debt covenant leverage ceiling steps down from 6.0x to 5.0x starting April 1, 2024; steps down from 5.0x to 4.5x on April 1, 2025.



Looking Ahead to Sustainable Growth

“We see sustainable double-digit revenue growth through our medium-term outlook. Further, we anticipate reaching our targeted net leverage as we exit 2025, providing additional capital allocation optionality.”

Jill Evanko

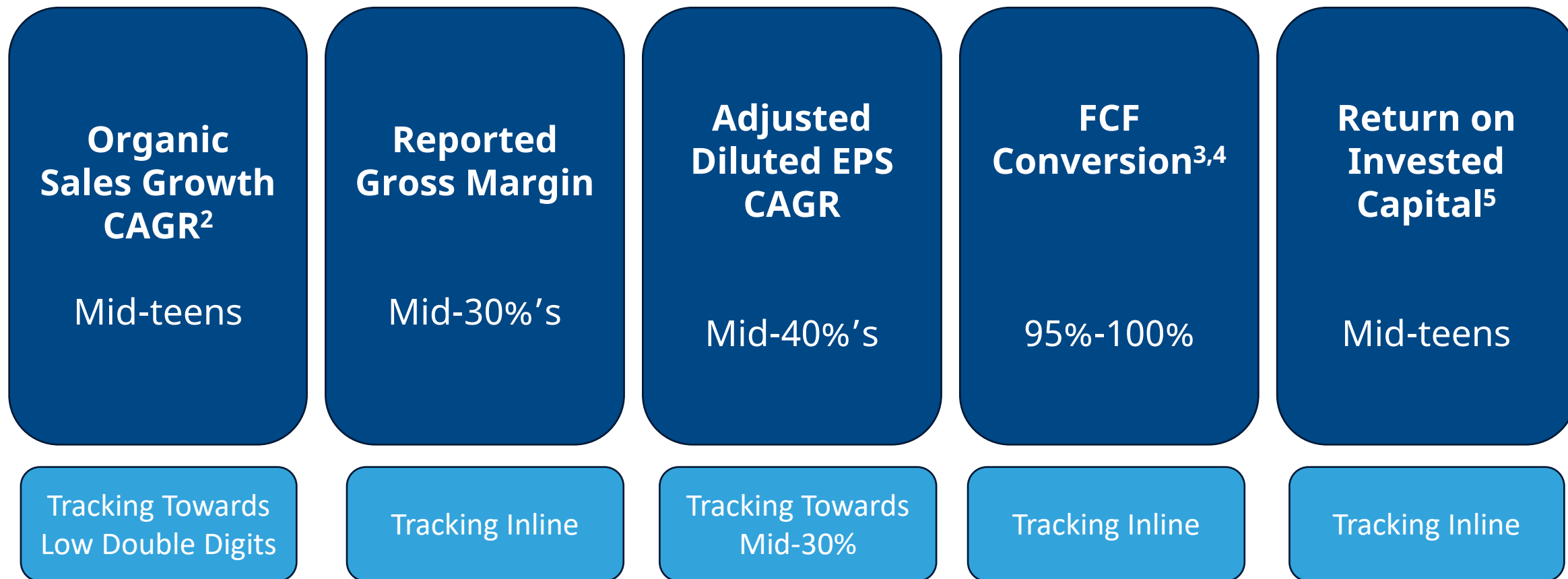
CEO and President



Cooler By Design.™

Progress Towards Medium-Term (2026) Targets

Compared to original November 2023 pro forma base¹



¹Organic revenue CAGR is based on pro forma 2023 revenue of \$3.66 billion; adjusted diluted earnings per share CAGR is based off actual 2023 adjusted EPS of \$6.09. The definition of pro forma for the purposes of the calculation includes Howden, excluding Roots™, but includes results of American Fan, Cofimco, and Cryo Diffusion

² Adjusted diluted EPS is a non-GAAP measure and should not be considered as an alternative to diluted EPS in accordance with U.S. GAAP

³ Free Cash Flow is not a measure of financial performance under U.S. GAAP and should not be considered as an alternative to cashflows from operations in accordance with U.S. GAAP. Management believes that Free Cash Flow facilitates useful period-to-period comparisons of financial results and the information is used by us in evaluating our internal performance.

⁴ FCF conversion is calculated as FCF/adjusted net income;

⁵ ROIC is calculated adjusted after tax operating profit / (total debt + total equity)

Capital Allocation Strategy

- We reiterate our financial policy of no material cash acquisitions or share repurchases until we are below 2.5X net leverage
- We are nearing the 3.0X net leverage mark; the company intends to seek board authorization for a buyback program in the fourth quarter 2024, with clear intent not to use it until we hit our target range per our financial policy (or there is a meaningful event that would necessitate us using it)
- Once we reach net leverage target of below 2.5X, priorities are anticipated to be:
 - Funding high ROI organic capital expenditures
 - Pursuing high ROI inorganic bolt-on acquisitions and share repurchases based on anticipated shareholder returns
 - Other shareholder returns

Committed to sustaining a strong and simplified balance sheet

Question & Answer

Appendix



Chart Industries 2024 Outlook

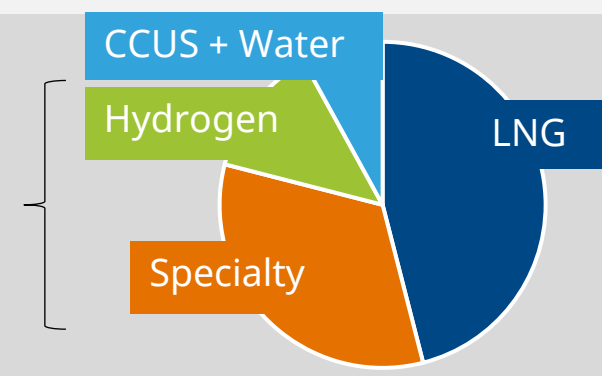
Guidance Metrics as of November 1, 2024

	Updated Full Year Guidance	Comments
Revenue	\$4.2 to \$4.3 Billion	<ul style="list-style-type: none"> • Backlog conversion • Book & ship led by Repair, Service & Leasing • High-end achieved by specific project releases in November and December 2024
Adjusted EBITDA ⁽¹⁾	\$1.015 to \$1.045 Billion	<ul style="list-style-type: none"> • Strong margin performance anticipate to continue from volume leverage, cost synergies and higher full solutions mix
Free Cash Flow ⁽¹⁾	Approximately \$400 Million	<ul style="list-style-type: none"> • Working capital management • Cash milestone payment timing
Adjusted Diluted Earnings per Share ⁽²⁾	Approximately \$9.00	<ul style="list-style-type: none"> • Excludes the full year impact of Howden depreciation & amortization related to acquired intangibles and PPE step-up • Interest and deferred financing expense ~\$325 million • Effective tax rate of approximately ~22% • Full Year Diluted share count of ~46.5 million

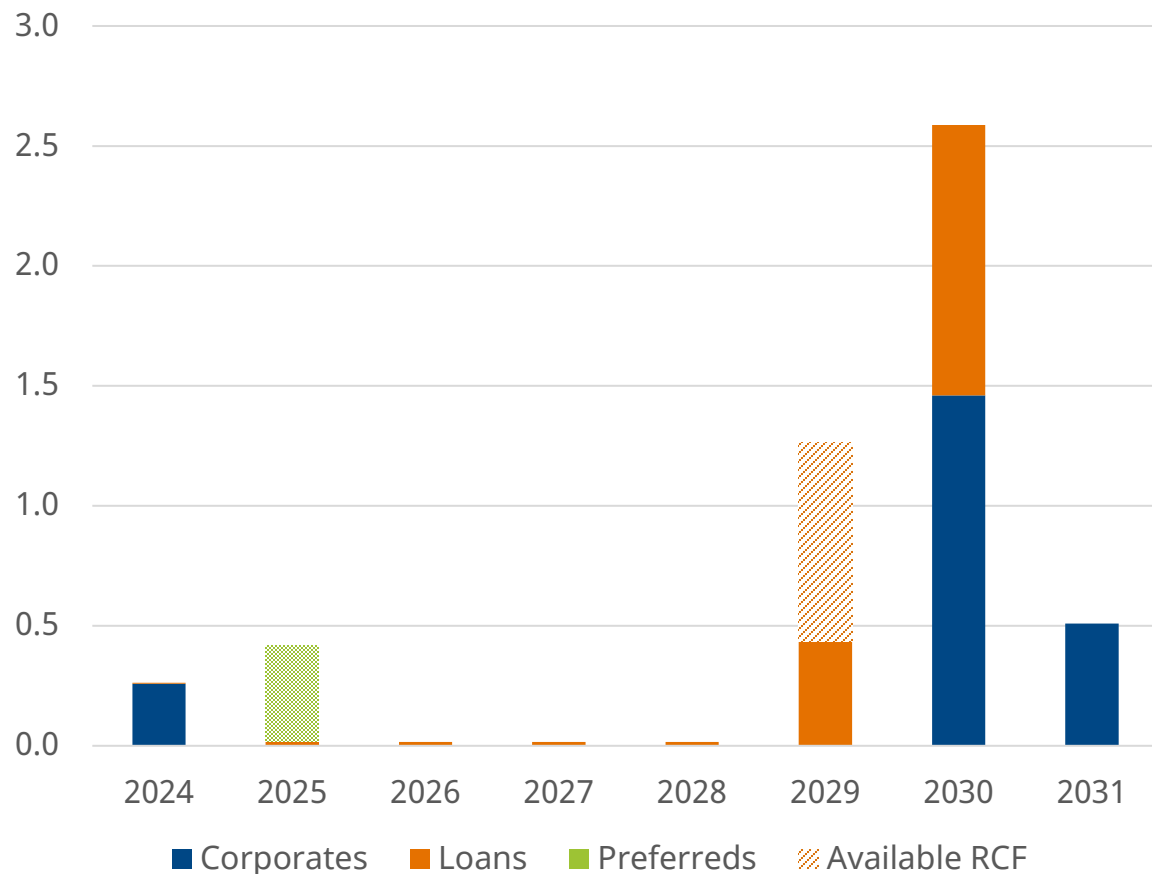
1. Adjusted EBITDA and Free Cash Flow are not measures of financial performance under U.S. GAAP and should not be considered as an alternative to net income in accordance with U.S. GAAP (as is the case with adjusted EBITDA) and cashflows from operations in accordance with U.S. GAAP (as is the case with free cash flow). Management believes that Adjusted EBITDA and Free Cash Flow facilitate useful period-to-period comparisons of financial results and the information is used by us in evaluating our internal performance.
2. Adjusted diluted EPS is a non-GAAP measure and should not be considered as an alternative to diluted EPS in accordance with U.S. GAAP.

Sales by End Market

Market	What is in this category	Approx Revenue Mix In 2022	Approx Revenue Mix In 2024
Aftermarket, repair, and service	<ul style="list-style-type: none"> • Field service • Remote monitoring • Spare parts • Retrofit & Refurbishment 	31%	33%
Energy transition & renewables (new build)	<ul style="list-style-type: none"> • Hydrogen & Helium • Biofuels & Synfuels • CCUS Nuclear • LNG Electrification • Water treatment • Infrastructure • Food & beverage • Data Center Space 	41%	39%
Industrials (new build)	<ul style="list-style-type: none"> • Industrial gas • Cement • Marine • Metals 	19%	20%
Traditional Energy (new build)	<ul style="list-style-type: none"> • Oilfield applications • Petrochemical 	9%	8%



Simplifying our Capital Structure



Mandatory preferred equity is expected to automatically convert into shares of Chart common stock in December 2025; 2029 RCF includes drawn letters of credit

2024: Anticipate 1% Convertible Note will run to maturity with cash payment for principal and delivery of shares for premium, already contemplated in guidance

2025: Mandatory 6 ¾ Preferred Equity will convert into common equity in December 2025. Our 2024 and 2025 guidance includes the dividend associated with this instrument through 2025. In 2026 this instrument will increase our diluted share count, but Chart will no longer pay a dividend

2026: Our Senior Secured 7.5% Note and Senior Unsecured 9.5% Note become callable

2029: Revolving Credit Facility (RCF) due with expectations to roll into a new RCF prior

Pro Forma¹ Sales and Capital Expenditures Reconciliation

\$ in thousands	2023	
	Sales	Capital Expenditures
Chart Industries, continuing operations	3,352.5	135.6
Add: Howden standalone (excluding Roots)	305.2	5.4
Less: Businesses divested in the fourth quarter 2023	(99.0)	(0.9)
Chart Industries Pro Forma	3,558.7	140.1

1. Pro forma "PF" includes Howden, excluding Roots™, and excludes results of American Fan, Cofimco, and Cryo Diffusion. The pro forma results are included in the appendix.

Pro Forma¹ Adjusted EBITDA 2023

	2023
Net income (loss) from continuing operations	57.5
Income tax expense (benefit)	3.0
Interest expense, net	289.1
Acquisition related finance fees	26.1
Loss on extinguishment of debt	7.8
Depreciation and amortization	231.1
EBITDA (non-GAAP)	614.6
Non-Recurring costs:	
<i>Deal related & integration costs</i>	44.0
<i>Restructuring & related costs</i>	13.5
<i>Amortization of step-up value of inventory</i>	24.6
<i>Other one-time items</i> ⁽²⁾	5.4
Employee share-based compensation expense	12.6
Unrealized loss (gain) on investments in equity securities and loss from strategic equity method investments	14.3
Howden FX Hedge	2.8
Adjusted EBITDA (non-GAAP)	731.8
Plus: EBITDA from Howden (excluding Roots)	38.7
Less: EBITDA from businesses divested in fourth quarter 2023	(21.3)
Pro forma Adjusted EBITDA	749.2

1. Pro forma "PF" includes Howden, excluding Roots™, and excludes results of American Fan, Cofimco, and Cryo Diffusion. The pro forma results are included in the appendix.

2. EBITDA and Adjusted EBITDA are not measures of financial performance under U.S. GAAP and should not be considered as an alternative to net income.

Adjusted EBITDA 2015

	2015
Net (loss) income	(204.5)
Income tax expense (benefit)	2.7
Interest expense, net	17.3
Depreciation and amortization	45.4
EBITDA (non-GAAP)	(139.1)
Non-Recurring costs:	
<i>Restructuring & related costs</i>	8.6
Employee share-based compensation expense	11.3
Asset Impairment & Other	255.1
Adjusted EBITDA (non-GAAP)	135.9

1. EBITDA and Adjusted EBITDA are not measures of financial performance under U.S. GAAP and should not be considered as an alternative to net income.

Executives in Attendance at CMD 2024



Jill Evanko

President, Chief Executive Officer and Director

Jill is President and Chief Executive Officer of Chart Industries, Inc. (NYSE: GTLS), serving in this capacity since June of 2018. Ms. Evanko joined Chart in February of 2017 as Chief Financial Officer. Prior to joining Chart, Jill was the Chief Financial Officer of Truck-Lite Co., LLC as well as having held multiple operational and financial executive positions at Dover Corporation (NYSE: DOV) and its subsidiaries. Prior to joining Dover in 2004, Ms. Evanko held financial and operational roles at Arthur Andersen, LLP, Honeywell Corporation, and Sony Corporation. In addition to serving on Chart's Board of Directors, Ms. Evanko also serves as an independent director of the Board of Greif Inc (NYSE: GEF). Jill received a Master of Business Administration (MBA) from The University of Notre Dame and a Bachelor of Science in Business Administration from La Salle University. She is the winner of the 2020 ExxonMobil Power Play Rainmaker award, the 2020 S&P Global Platts Energy Award for Chief Trailblazer, and the World LNG Executive of the Year 2020. She serves on the non-profit Board of Directors of the National Association of Manufacturers (NAM) and the US-India Strategic Partnership Forum (USISPF).



Joe Brinkman

Chief Financial Officer

Joe is Vice President and Chief Financial Officer of Chart, serving in this capacity since October of 2021. Joe is responsible for Corporate Finance, Accounting, Treasury, Tax, IT and Global Sourcing. Additionally, Joe is responsible for Chart's global capacity expansion and execution, laying the groundwork for Chart's continued growth and global expansion. He began his career at Chart in 1993 and has held numerous positions, including: Engineer, Operations Manager, Director of Global Sourcing, GM of Bulk Gas Products and most recently VP and GM of Distribution and Storage Products, Americas. In those roles, Joe developed deep experiences across the execution spectrum from designing equipment to running Chart's largest business. He holds a BS in Mechanical Engineering from the University of Minnesota and an MBA from the Carlson School of Management at the University of Minnesota.



Joe Belling

Chief Technology Officer

Joe is currently the Chief Technology Officer, responsible for Global Engineering, including Project Management tied to the Engineering Execution of the Commercial Order pipeline. Prior to this role he was the Chief Commercial Officer, responsible for strategically and profitably growing both our industrial gas and traditional energy markets as well as expanding our customer touchpoints in new specialty and clean energy markets and applications. Previously, Joe was the President of the Energy & Chemicals (E & C) segment, and held the roles of President of E & C Cryogenics and VP/GM of Chart's Brazed Aluminum Heat Exchangers (BAHX) business. Joe began his career as a Sales/Applications Engineer with ALTEC International in 1993. As ALTEC transitioned into Chart Energy & Chemicals, Mr. Belling took on several roles related to commercialization, design and application of BAHX, Cold Boxes, and Core-in-Kettles® in key markets of Industrial Gas, Hydrocarbon and Petrochemical Processing, and LNG. He also has related experience with Trane, a multi-national corporation specializing in the HVAC industry, where he held roles of increasing responsibility as Product Planning and New Product Introduction Leader for Trane's Global Parts Division. Joe has a Bachelor of Science degree in Mechanical Engineering from the University of Wisconsin-Platteville.

Executives in Attendance at CMD 2024



Jesper Osterlund

SVP, Revenue
Operations

Jesper is the Senior Vice President of Revenue Operations at Chart Industries, Inc., where he leads the development and execution of strategies and processes to drive revenue growth across the company's global commercial operations. He also oversees Chart's commercial digital transformation, including the development of data-driven solutions and the optimization of the company's CRM and e-commerce platforms to enhance customer engagement and operational efficiency. Jesper joined Chart through the March 2023 acquisition of Howden, where he had been since 2014 leading commercial activities in Europe and North America. Prior to joining Howden, he held several leadership roles at Bosch Packaging Technology. Jesper holds a Bachelor of Science in Mechanical Engineering from the Copenhagen University College of Engineering and an Executive MBA from Copenhagen Business School.



Kristin Schenck

SVP, Finance Analytics
& Strategy

Kristin is Senior Vice President, Finance Analytics & Strategy, she joined Chart Industries, Inc. (NYSE: GTLS) in September 2023. Kristin brings over 25 years of experience in multiple finance, accounting, and strategy roles, spanning various industries with a strong manufacturing background. Over her career, Kristin has demonstrated success in integration and change management through multiple M&A transactions and building strong business minded finance teams. Prior to joining Chart, Kristin served as the Vice President of Financial Planning & Analysis at Vibrantz Technologies a specialty chemical and materials manufacturer, formed out of a transaction from Prince International Corporation where she served as Vice President of FP&A and Controller from 2019 until the forming of Vibrantz. Prior to Vibrantz, Kristin served as the director of strategy and business development at Wayne Fueling Systems where she spent six years. Prior to Wayne Fueling Systems, Kristin served in various financial roles at Wayne, GE (NYSE: GE), Dresser, Inc, and Sappi. Kristin earned her bachelor's degree in accounting from Southern Methodist University.



Curtis Stubbings

SVP, Operational
Excellence & Integration

Curtis is Senior Vice President, Operational Excellence & Integration. Curtis is currently responsible for driving operational improvements across Chart and overseeing efforts for integrating Howden into Chart to achieve the expected commercial and cost synergies. Curtis started with Chart in April 2020 as the Vice President of Specialty Markets for Chart where he had commercial responsibility for Chart's equipment sales in new and emerging markets. Prior to his time at Chart, Curtis held various operational, commercial, and business management roles with Praxair (now Linde) over his 17 years there. He also previously held engineering and operational roles with BP Amoco Chemical and Scott Specialty Gases. Curtis has a B.S. in Chemical Engineering from the University of Kansas and an MBA from the University of Houston-Clear Lake.



John Walsh

SVP, Investor &
Government
Relations

John is Senior Vice President of Investor and Government Relations of Chart Industries, Inc., joining in 2022. He is responsible for managing Chart Industries' relationships with various stakeholders including shareholders, government and trade organizations, and credit holders. Chart Industries is a leading systems and solutions provider for industrial gas, energy transition, and hydrogen markets. Prior to joining the Company, John spent 15 years covering the Multi-Industry and Electrical Equipment sector as a sell-side analyst. During this time, John received Institutional Investor's "Rising Star" distinction. Most recently, John was a Director at Credit Suisse. He previously worked at Vertical Research Partners and Barclays Capital. John has a passion for sustainability and holds a Leadership in Energy and Environmental (LEED) accreditation. John holds a Bachelor's degree in Finance and Philosophy from Boston College and sits on the Board of Directors on Avina, Clean Hydrogen Inc.