

GTLS New Prague, MN Site Visit

NOVEMBER 9, 2021



Forward-Looking Statements

CERTAIN STATEMENTS MADE IN THIS PRESENTATION ARE FORWARD-LOOKING STATEMENTS WITHIN THE MEANING OF THE PRIVATE SECURITIES LITIGATION REFORM ACT OF 1995. FORWARD-LOOKING STATEMENTS INCLUDE STATEMENTS CONCERNING THE COMPANY'S BUSINESS PLANS, INCLUDING STATEMENTS REGARDING COMPLETED DIVESTITURES, ACQUISITIONS AND INVESTMENTS, COST SYNERGIES AND EFFICIENCY SAVINGS, OBJECTIVES, FUTURE ORDERS, REVENUES, MARGINS, EARNINGS OR PERFORMANCE, LIQUIDITY AND CASH FLOW, CAPITAL EXPENDITURES, BUSINESS TRENDS, CLEAN ENERGY MARKET OPPORTUNITIES, GOVERNMENTAL INITIATIVES, INCLUDING EXECUTIVE ORDERS 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," "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 THE COMPANY ARE MADE BASED ON MANAGEMENT'S EXPECTATIONS AND BELIEFS CONCERNING FUTURE EVENTS IMPACTING THE COMPANY AND ARE SUBJECT TO UNCERTAINTIES AND FACTORS RELATING TO THE COMPANY'S OPERATIONS AND BUSINESS ENVIRONMENT, ALL OF WHICH ARE DIFFICULT TO PREDICT AND MANY OF WHICH ARE BEYOND THE COMPANY'S CONTROL, THAT COULD CAUSE THE COMPANY'S ACTUAL RESULTS TO DIFFER MATERIALLY FROM THOSE MATTERS EXPRESSED OR IMPLIED BY FORWARD-LOOKING STATEMENTS. FACTORS THAT COULD CAUSE THE COMPANY'S ACTUAL RESULTS TO DIFFER MATERIALLY FROM THOSE DESCRIBED IN THE FORWARD-LOOKING STATEMENTS INCLUDE: THE COMPANY'S ABILITY TO SUCCESSFULLY INTEGRATE RECENT ACQUISITIONS AND ACHIEVE THE ANTICIPATED REVENUE, EARNINGS, ACCRETION AND OTHER BENEFITS FROM THESE ACQUISITIONS; SLOWER THAN ANTICIPATED GROWTH AND MARKET ACCEPTANCE OF NEW CLEAN ENERGY PRODUCT OFFERINGS; RISKS RELATING TO THE RECENT OUTBREAK AND CONTINUED UNCERTAINTY ASSOCIATED WITH THE CORONAVIRUS (COVID-19) AND THE OTHER FACTORS DISCUSSED IN ITEM 1A (RISK FACTORS) IN THE COMPANY'S MOST RECENT ANNUAL REPORT ON FORM 10-K AND QUARTERLY REPORTS ON FORM 10-Q FILED WITH THE SEC, WHICH SHOULD BE REVIEWED CAREFULLY. THE COMPANY UNDERTAKES NO OBLIGATION TO UPDATE OR REVISE ANY FORWARD-LOOKING STATEMENT.

CHART INDUSTRIES, INC. IS A LEADING INDEPENDENT GLOBAL MANUFACTURER OF HIGHLY ENGINEERED EQUIPMENT SERVICING MULTIPLE APPLICATIONS IN THE ENERGY AND INDUSTRIAL GAS MARKETS. OUR UNIQUE PRODUCT PORTFOLIO IS USED IN EVERY PHASE OF THE LIQUID GAS SUPPLY CHAIN, INCLUDING UPFRONT ENGINEERING, SERVICE AND REPAIR. BEING AT THE FOREFRONT OF THE CLEAN ENERGY TRANSITION, CHART IS A LEADING PROVIDER OF TECHNOLOGY, EQUIPMENT AND SERVICES RELATED TO LIQUEFIED NATURAL GAS, HYDROGEN, BIOGAS AND CO2 CAPTURE AMONGST OTHER APPLICATIONS. WE ARE COMMITTED TO EXCELLENCE IN ENVIRONMENTAL, SOCIAL AND CORPORATE GOVERNANCE (ESG) ISSUES BOTH FOR OUR COMPANY AS WELL AS OUR CUSTOMERS. WITH OVER 25 GLOBAL LOCATIONS FROM THE UNITED STATES TO ASIA, AUSTRALIA, INDIA, EUROPE AND SOUTH AMERICA, WE MAINTAIN ACCOUNTABILITY AND TRANSPARENCY TO OUR TEAM MEMBERS, SUPPLIERS, CUSTOMERS AND COMMUNITIES. TO LEARN MORE, VISIT WWW.CHARTINDUSTRIES.COM.



GTLS Overview

Full Solutions Platforms Across the Nexus of Clean

Clean End Market	Solution	GTLS Process Technologies (Owned in Full)	GTLS Process Technologies Through Minority Ownership	GTLS Equipment
Clean Power	<ul style="list-style-type: none"> Hydrogen Helium LNG Biogas 	 	 	<ul style="list-style-type: none"> BAHX ACHX Bulk & Microbulk Fans Transports Valves / Vaporizers Expanders Liquefiers Cold Boxes
Clean Water	<ul style="list-style-type: none"> Water & Wastewater Treatment Desalination 	 		<ul style="list-style-type: none"> Bulk tanks Dissolution equipment Vaporizers Cryo-lease
Clean Food, Beverages & Agriculture	<ul style="list-style-type: none"> Small-Scale Carbon Capture Clean Beverages 			<ul style="list-style-type: none"> Microbulk tanks Dosers Vaporizers Transports
Clean Industrials	<ul style="list-style-type: none"> Post Combustion Carbon Capture Hydrogen/He 		 	<ul style="list-style-type: none"> Heat exchangers Storage tanks Vaporizers VIP/VJP Transports Liquefiers Cold Boxes Expanders

Broad Cryogenic Product and Solution Offering

Brazed Aluminum Heat Exchangers



Cold Boxes



Gas Pre-Treatment and Nitrogen Rejection Units



Specialty Pressure & Heat Transfer Equipment



Air Cooled Heat Exchangers



Axial Flow Fans



Integrated Energy Systems



Lifecycle Services



Cryogenic Bulk Storage Tanks



Vaporizers



Cryogenic Storage & Regasification Systems



Packaged Gas Systems



Cryogenic Launch Umbilicals & Storage



Nitrogen Dosing & Food Preservation



Fueling Stations



HLNG and HLH2 Vehicle Tanks



Cryogenic Transport Trailers



Virtual Pipeline Solutions



Rail Tender and Transport



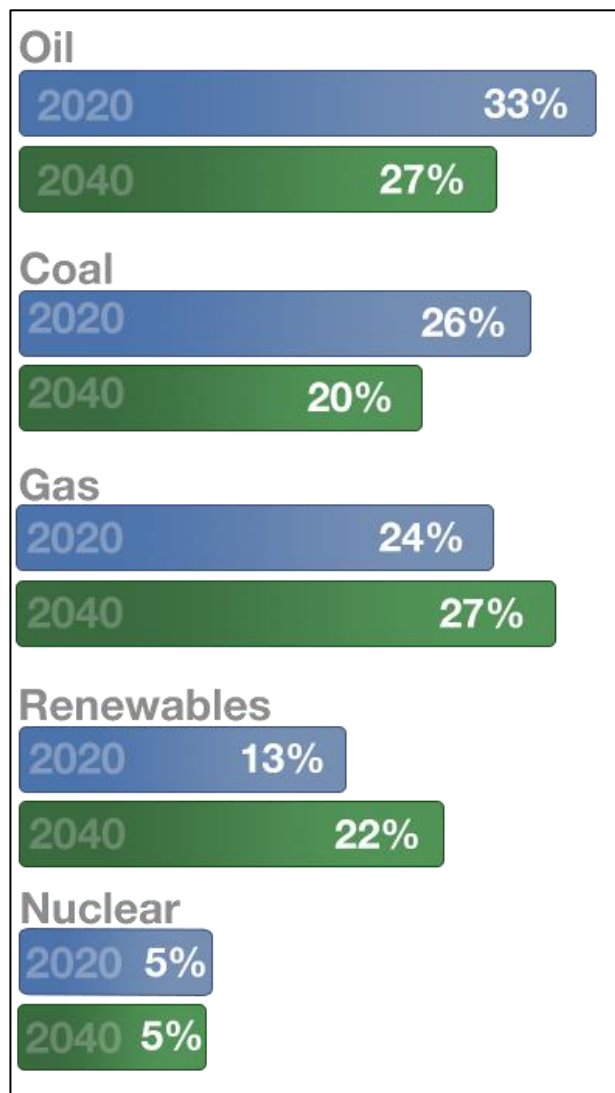
FEMA Valve Portfolio



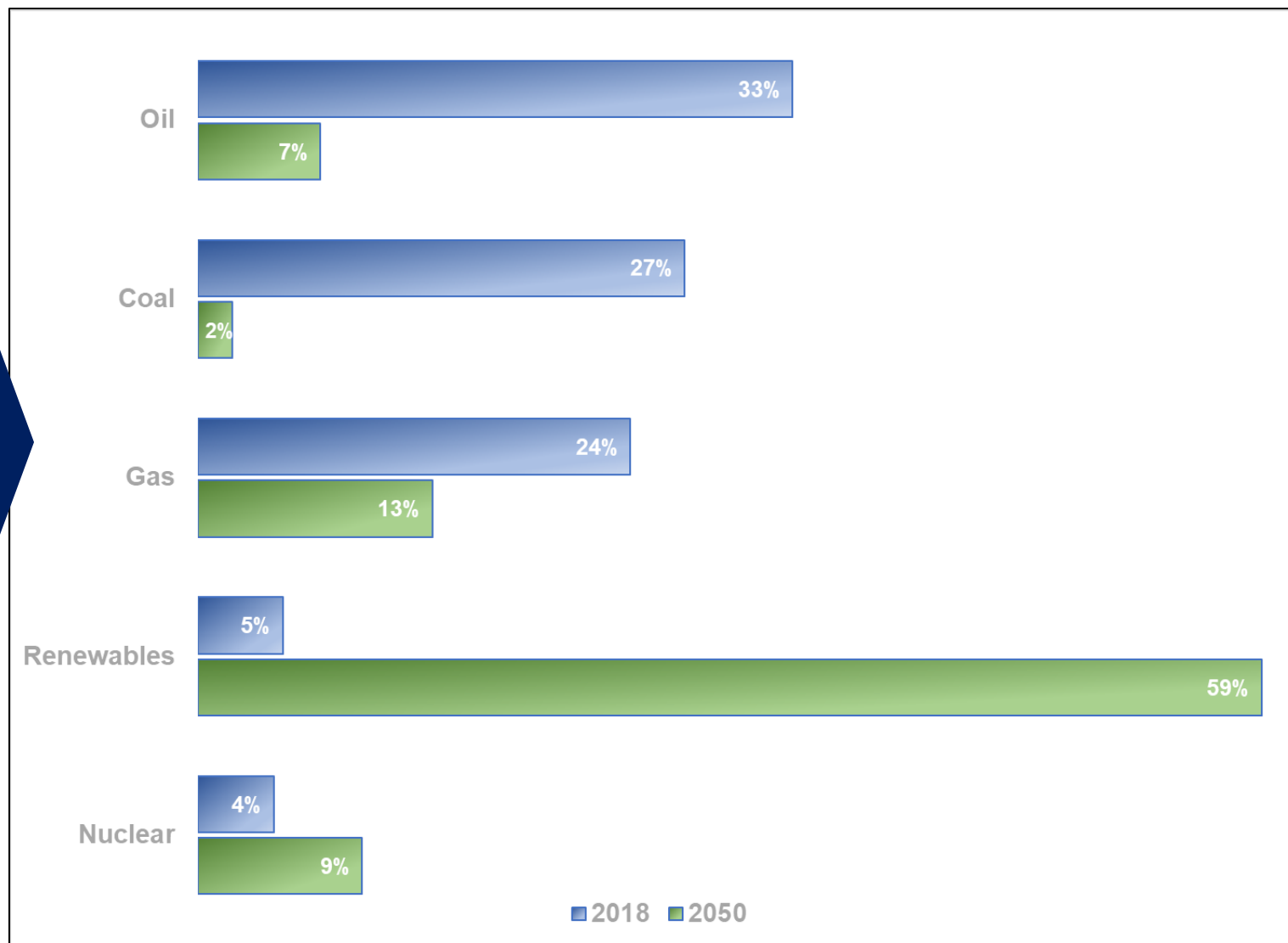
Servicing & Repairs



One Year Changed the 2050 Outlook...Still a Hybrid



Source: BP Energy Outlook 2019



Source: BP Energy Outlook 2020

Recent Trends Further Support Growth in Our “Nexus of Clean”

India’s Net Zero Carbon Emission Target Announced by 2070 (November 1, 2021)






New U.S. Methane Rules (November 1, 2021)

COP26: 450 firms representing \$130 trillion of assets committed to using science-based guidelines to reach net zero carbon emissions by mid-century (November 3, 2021)

Partnerships Gaining Traction... TECO 2030, DOE Award (Eagle)

Received approval on standard 10% tariff exemption for imports from EU into US for our main AL suppliers

The Sustainability Trend in FOAKs

<i>Carbon Capture</i>	<i>Space</i>	<i>Healthcare</i>	<i>Water Treatment</i>	<p>First-of-a-Kind (FOAK) order activity continues to increase with customers looking for innovative solutions to achieve their ESG goals across the nexus of clean – clean power, clean water, clean food and clean industrials</p>
<p>CCUS FEED Study for large, industrial manufacturer in U.S. heavy construction industry</p>	 <p>Liquid Hydrogen Run Tanks for Space Application</p>	 <p>Oxygen tanks for hospitals in Zambia</p>	<p>SDOX Water Treatment system for odor control In breweries</p>	
 <p>Nitrogen doser for liquid vitamin pouches</p>	<p>SAULSBURY</p> <p>30 ton per day H2 liquefaction plant engineering work</p>	 <p>First PermaMax used in portable/off grid cannabis growhouses</p>	 <p>Liquid nitrous oxide dosing for coffee</p>	
<i>Food</i>	<i>Hydrogen</i>	<i>Cannabis</i>	<i>Beverage</i>	

First of a Kinds (FOAKs) YTD: 57

Specialty Near-Term & 2030 Addressable Markets

#	Specialty Area	Near-Term TAM (\$M)	2030 TAM (\$M)	Source of GTLS TAM in 2030
1	Hydrogen & Helium	\$3,100	\$24,000	<ul style="list-style-type: none"> Per new Hydrogen Council report on increasing investment rate and our current market share applied
2	Carbon Capture	850	5,600	<ul style="list-style-type: none"> Assumes 30 small commercial 200tpd systems, 30 large industrial systems 2000tpd, 10 large utility systems, small-scale CICI® and utilization/DAC
3	Over-the-Road Trucking	750	2,000	<ul style="list-style-type: none"> Based on HLNG adoption for OTR trucking at 10% in India and Europe, 1% Japan and 0.1% in U.S. + associated fueling stations This TAM equates to 46,100 LNG trucks
4	Water	1,000	5,000	<ul style="list-style-type: none"> Penetration in and growth in odor control (10%), disinfection (12%), pH adjustment (25%) and aeration (15%), PFAS/PFOS (++)
5	Food & Beverage	500	1,000	<ul style="list-style-type: none"> European adoption, replacement systems due to age, increased conversion to microbulk CO2 + market growth = 11% CAGR
6	Cannabis	250	550	<ul style="list-style-type: none"> Federal legalization & FDA approvals for CBD in F&B Assumes a 15.8% CAGR in this period in growhouses, extraction and packaging
7	Space	200	400	<ul style="list-style-type: none"> Increased space exploration (both government and private sector) Ease of access to broader population for space exploration
8	Lasers	200	400	<ul style="list-style-type: none"> Increased industrial applications globally
9	Molecules By Rail	200	250	<ul style="list-style-type: none"> Limited expansion of the molecules by rail market with the exception of hydrogen expectations which would be included in the H2/He
10	CHART TOTAL	\$7,050	\$39,200	

Bullish on 1H 2022 LNG FIDs & NTPs

#	Big or ssLNG?	Project	Operator	Size	Potential Chart Content \$M	Expected Timing of possible orders
1	ssLNG	NEC	Liberty	250k gpd	\$20+	Q4 2021
2	ssLNG	Jacksonville, FL	Eagle LNG	500 gpd	30+	1H 2022
3	Big LNG	Plaquemines Phase 1	Venture Global	Phase 1 10 MTPA	135	1H 2022
4	Big LNG	Driftwood Phase 1	Tellurian	Phase 1 11 MTPA	350	1H 2022
5	Big LNG	Corpus Christi Stage Three	Cheniere	10.4 MTPA	375	2022
6	ssLNG	Confidential EMEA	Confidential	1 MTPA	30	Q1 2022
7	ssLNG	Confidential Africa	<ul style="list-style-type: none"> ssLNG Northeast USA project received Council approval 10/21/2021 TELL announced Q1 2022 intent to move to Notice to Proceed (NTP) In October 2021, GTLS awarded 2 FLNG FEED projects, 2 ssLNG pre-FEEDs and a mid-scale US Gulf Coast study Typical Q4 HLNG vehicle tank slowdown (2021 will be a record full year) 	27	Q1 2022	
8	ssLNG	S. Africa		35	Q1 2022	
9	ssLNG	S. Africa Regas		125	Q1 2022	
10	ssLNG	Biogas Liquefiers EMEA		14	Q2 2022	
11	ssLNG	Replacement LNG		9	Q2 2022	
12	ssLNG	Fast2	NFE	1 MTPA	30+	1H 2022
TOTAL 1H 2022					~1,200	



About New Prague, MN (USA)

Industrial Gas Mode Change Overview

Number of Stations Supplied @

10L/min*

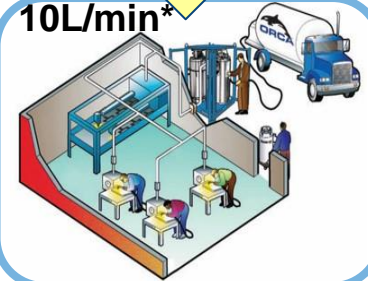
19 - H Size HP Cylinders



1 - Dura-Cyl®
180L
HP Liquid Cylinder



2X



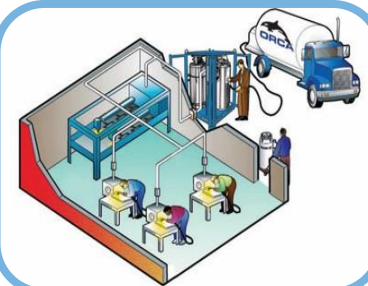
105 - H Size HP Cylinders



1 - Perma-Cyl®
1000L
Stationary Tank



12X



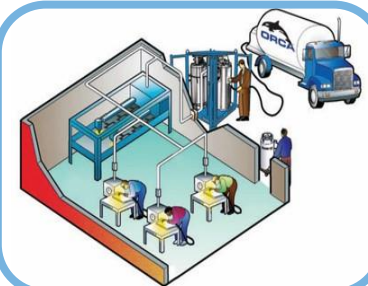
330 - H Size HP Cylinders



1 - Perma-Cyl®
3000L
Stationary Tank



35X



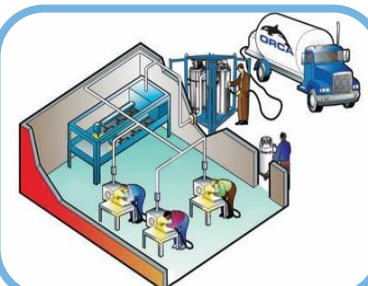
75 - 180L
Liquid Cylinders



1 - 3000 Gallon
Bulk Tank



150X



New Prague Site Overview

- **54.5 ACRE SITE**
- **TOTAL SQUARE FEET OF MANUFACTURING SPACE**
 - 207,000 sq. ft. - Main Plant
 - Largest Tank Manufactured: 86,000 gallon
 - 116,000 sq. ft. – Jumbo Tanks and Repairs
 - Largest Tank Manufactured: 256,000 gallon / 1,000m³
- **65 PATENTS GENERATED IN THE LAST 20 YEARS**
- **OUR STRENGTH IS IN OUR EMPLOYEES: 600**
- **MANUFACTURED TANKS PER YEAR: 1200**
- **LARGEST TANK: DIMENSIONS & WEIGHT: 19' DIA X 166' LONG & 600,000 LBS; CAPACITY: 266,000 GALLONS**
- **REPAIR 200+ MOBILES & BULK TANKS PER YEAR**

Standard Bulk Tanks



Orca™ MicroBulk Delivery System

Perma-Cyl® MicroBulk Storage System



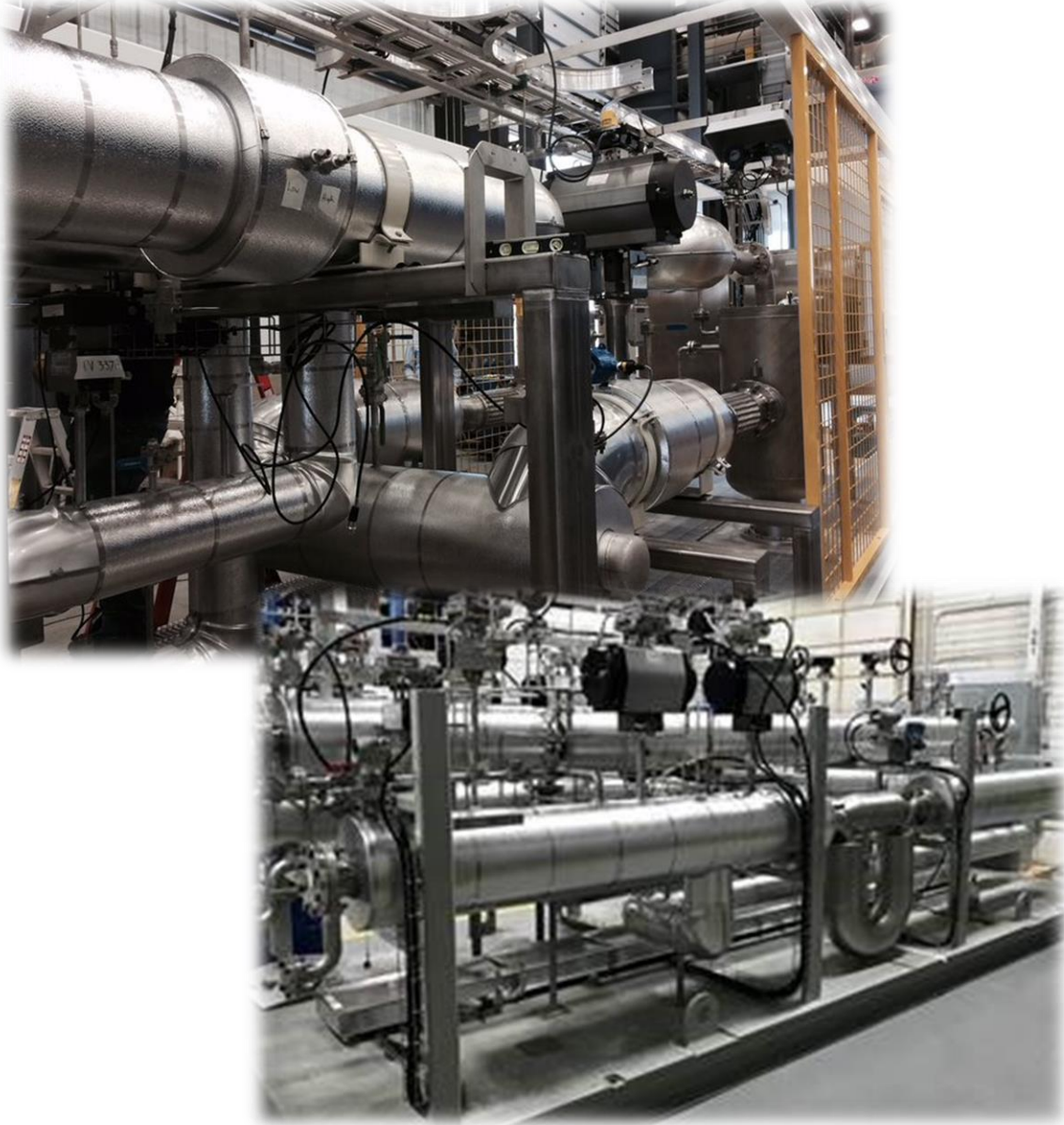
Hydrogen Bulk Tanks



Railcar Production



VIP and Engineered Skidded Systems

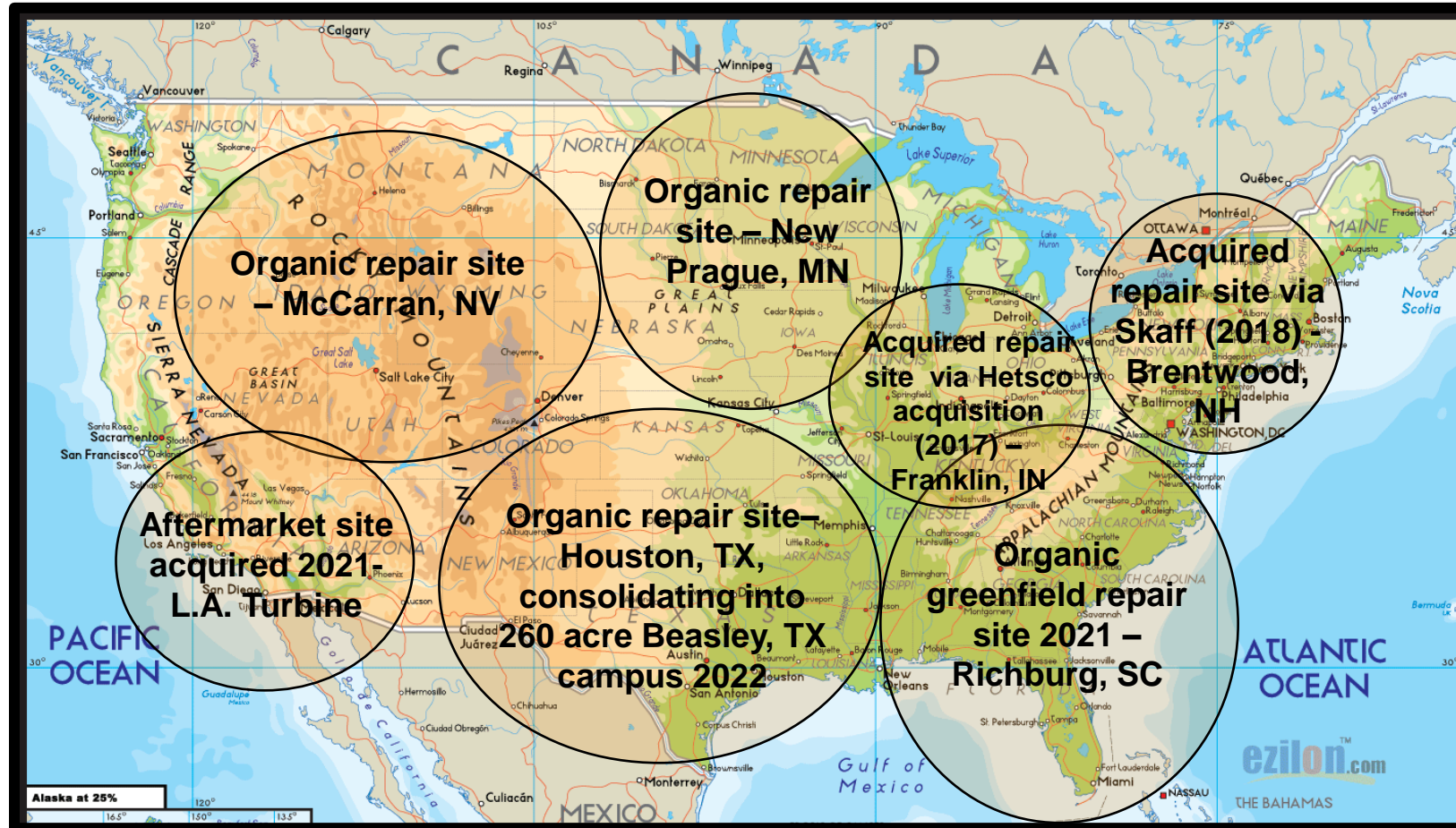


Super Jumbo Bulk Tanks

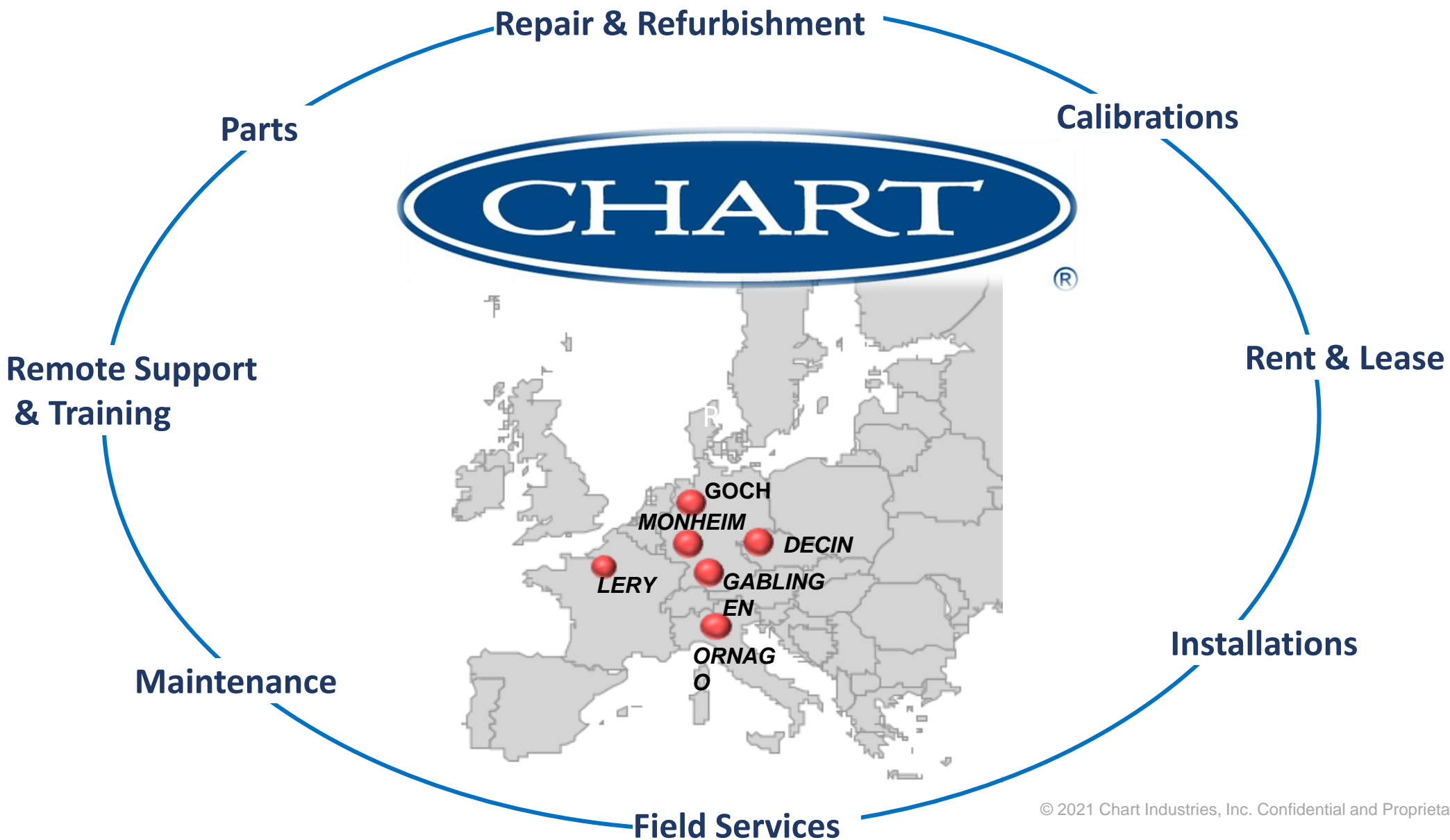


© Peder Thompson
MarineTraffic.com

GTLS United States Repair & Service Footprint



Repair & Service Footprint in Europe



Repair, Service & Leasing Growth in Europe

CHART D&S EUROPE AFTER SALES SERVICES						
	Gofa, DE	VCT VOGEL, DE	Chart Ferox, CZ	Cryo Diffusion, FR	FLOW Inst. DE	VRV, IT
Repair, Refurbishment & Maintenance						
Tank trailers & containers	✓	✓	✓	●		✓
Storage tanks, Microbulk, LNG	●	●	✓	●		✓
Cryogenic and vacuum repairs	✓	✓	✓	✓		✓
Pumps	●	✓	●	●	●	●
Metering systems	●	●	●	✓	✓	●
Rent & Lease						
Short and Long Term	✓	●	✓	●	●	✓
Airgas, CO2 and LNG Trailer	✓	●	●	●	●	✓
LNG Fueling Station	●		✓	●	●	●
Field Service						
Tank trailers & containers	✓	✓	●	✓	●	●
Calibration Field Service	●	●	●	●	✓	●
Cryogenic and vacuum repairs	✓	✓	✓	✓		●
Storage tanks, Microbulk, LNG	●	●	●	✓		●
LNG station service						
Maintenance	●	●	✓	✓	✓	●
Remote Control, Helpdesk, Training			✓	●	●	●
LNG dispensers	●	●	✓	✓	✓	●
Parts						
Spare Parts supply	✓	✓	✓	✓	✓	✓
Customer dedicated inventory (LNG)			✓	●	✓	●
Central Warehouse	●	●	●	●	✓	●
Multicontrol System	●	✓			●	

● planned 2022 ● planned 2023/24

RSL Targeting 20%+ of Chart Revenue

2018-2019

2020

2021 YTD



Actions Taken:

	2018-2019	2020	2021 YTD
Geographic Footprint	<ul style="list-style-type: none"> Acquired Skaff (New Hampshire) Acquired VCT Vogel (Germany) 	<ul style="list-style-type: none"> Added field service technicians across the United States 	<ul style="list-style-type: none"> Opened Richburg, SC Greenfield repair & service facility
RSL LTAs with key customers		<ul style="list-style-type: none"> Addition of major industrial gas customers repair and service to LTAs (80!) 	<ul style="list-style-type: none"> New customers on agreements including preventive maintenance in EU
European RSL Capabilities		<ul style="list-style-type: none"> Offered leasing option for the first time in EU 	<ul style="list-style-type: none"> Expanded on-site service & maintenance into 5 more countries (Italy, France, Czech Republic, Slovakia, Belgium)
Remote Monitoring		<ul style="list-style-type: none"> Introduced virtual engineers for station/cryogenic equipment monitoring 	<ul style="list-style-type: none"> Expanded IOT capabilities with investment in Earthly Labs
Portfolio additions with higher % aftermarket		<ul style="list-style-type: none"> Acquired BlueInGreen with Treatment as a Service (TaaS) offering 	<ul style="list-style-type: none"> Acquired L.A. Turbine
Expanded Leasing Fleet		<ul style="list-style-type: none"> Invested ~\$5M into standard mobile and micro-bulk lease fleet 	<ul style="list-style-type: none"> Invested another ~\$6M into leasing fleet per customers requests

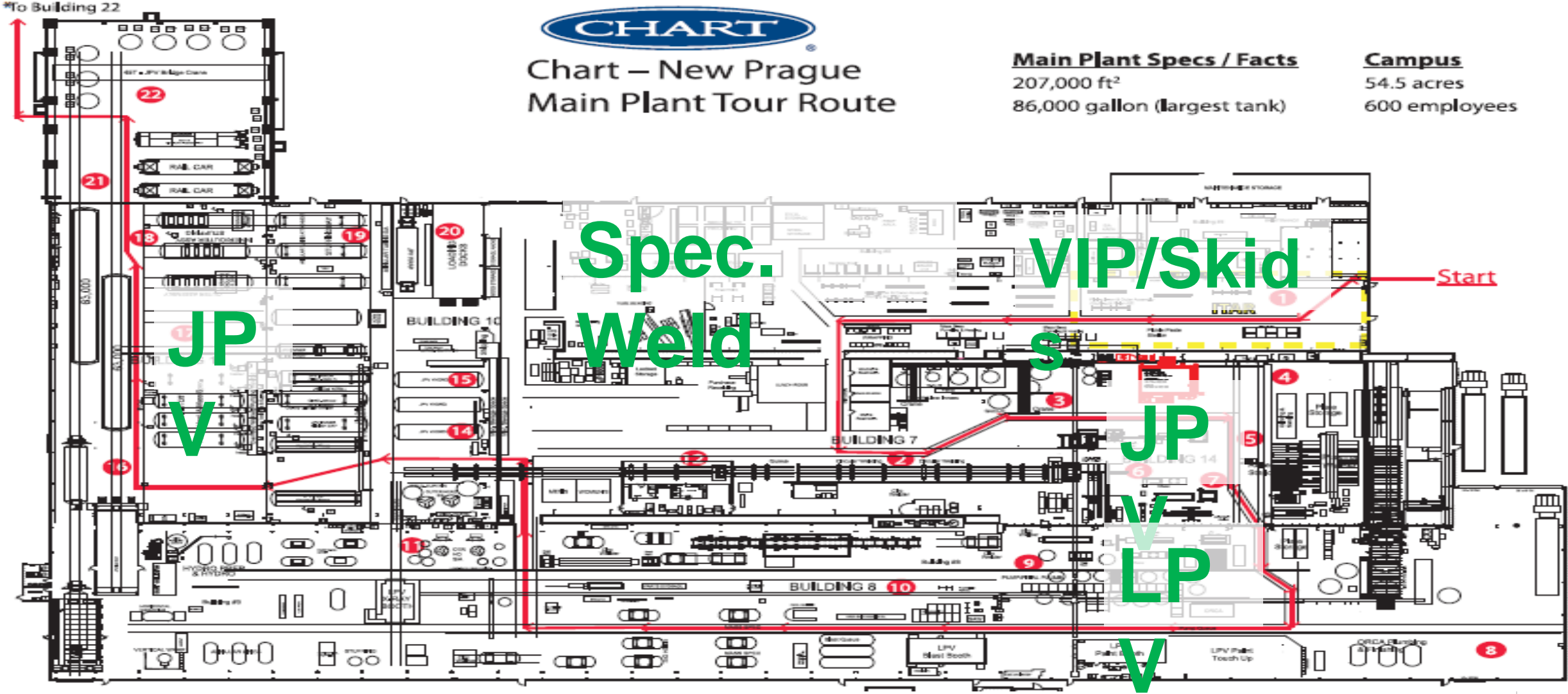
New Prague - Main Plant



Chart – New Prague Main Plant Tour Route

Main Plant Specs / Facts
 207,000 ft²
 86,000 gallon (largest tank)

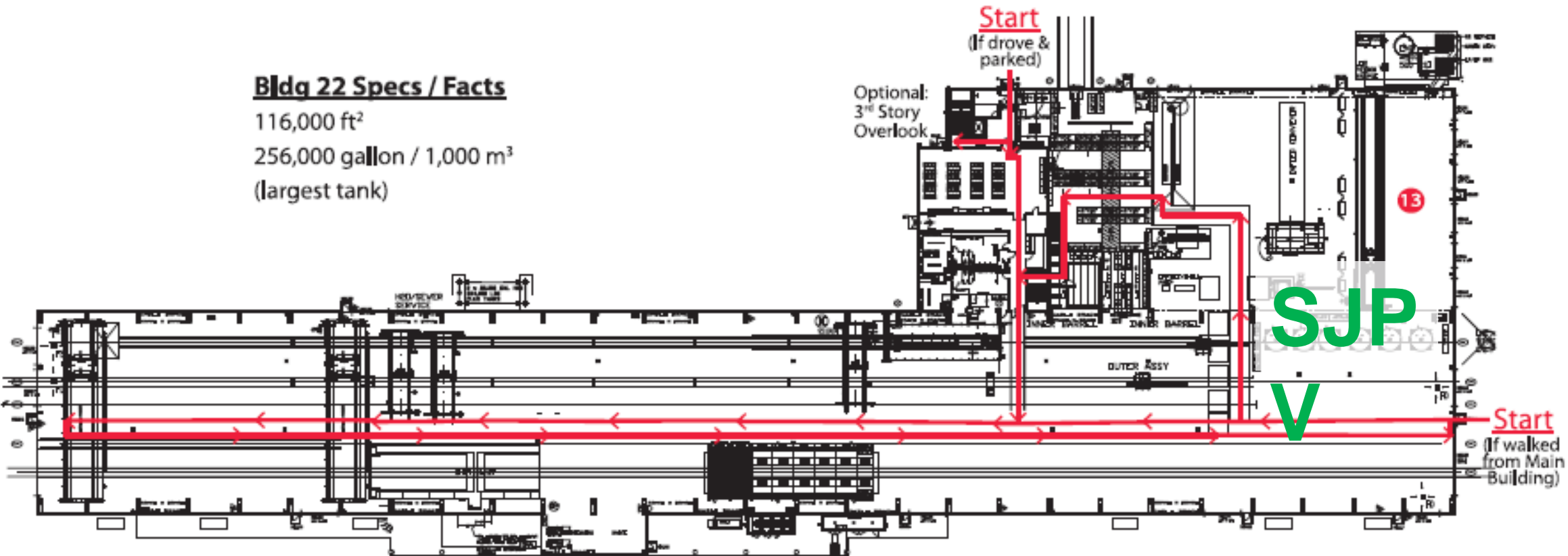
Campus
 54.5 acres
 600 employees



New Prague - SJPV Building

Chart – New Prague Building 22 Tour Route

Bldg 22 Specs / Facts
116,000 ft²
256,000 gallon / 1,000 m³
(largest tank)





Our Hydrogen Activity

Hydrogen Activity++...Increasing Near-Term TAM by Another \$150 Million

- **Q3 2021 Hydrogen orders of \$43.6 million brings YTD H2 orders to \$196.7 million**
 - Received first full liquid hydrogen fueling station order from FirstElement
 - Booked a \$9.7 million liquid hydrogen storage tank order in China
- **Organic product development is furthering commercial interest in our H2 offering**
 - Introduced commercially available liquid hydrogen onboard vehicle tank (LH2 onboard tank) in August 2021
 - Liquid hydrogen pump expected to be available to market this quarter (Q4 2021)
- **Continued building our ecosystem of partners and offering**
 - Anchor investor in the FiveT Hydrogen Fund which combined with Ardian, resulting in the world's largest hydrogen fund, including other investors AirLiquide, TotalEnergies, VINCI Concessions and Plug Power
 - Added L.A. Turbine specialty expanders to our portfolio via acquisition (July 1, 2021) supporting specialty expanders for hydrogen liquefaction as well as components for the liquid hydrogen pump
- **Delivering NOW!**
 - Shipped 7 hydrogen trailers in the month of September, 17 hydrogen trailers shipped YTD (prior full year H2 trailer shipment record was 9)
 - Record GTLS hydrogen sales, gross profit and operating profit in Q3 2021

H2 Orders	\$M
Q1 2020	\$4.2
Q2 2020	1.2
Q3 2020	9.2
Q4 2020	23.5
Q1 2021	71.2
Q2 2021	81.9
Q3 2021	43.6



Where We Play In the Hydrogen Supply Chain



McPhy

ELECTROLYSIS

PRODUCTION

TRANSFORM MATERIALS

GASIFICATION/ REFORMATION

LIQUEFACTION

INCLUDING LARGE CRYOGENIC STORAGE, BAHX, LOAD-OUT SYSTEMS

INCLUDING LARGE CRYOGENIC STORAGE, BAHX, LOAD-OUT SYSTEMS



CARBON CAPTURE

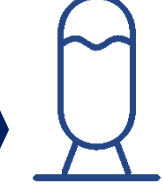
A Chart Industries Company

DISTRIBUTION



LIQUID TRANSPORT TRAILERS, ISO CONTAINERS, RAIL CARS, MARINE TRANSPORT

STORAGE



CRYOGENIC LIQUID TANKS

END USE SYSTEMS



ELECTRICITY GENERATION



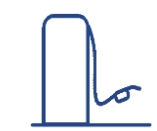
AMMONIA PRODUCTION (FERTILIZERS)



REFINING



MARINE FUEL



VEHICLE FUEL STATIONS



FUELING SYSTEMS FOR AEROSPACE



ELECTRONICS MANUFACTURING

KEY COMPONENTS INTEGRATED WITHIN SYSTEMS

- Pumps and Compressors
- Flowmeters
- Vacuum Insulated Piping
- Valves and Sealing
- Connections
- Regulators
- Sensors
- High Pressure Storage

BALLARD

HTEC
Hydrogen Technology & Energy Corporation

FIRSTELEMENT FUEL

PLUG POWER

PARTNERS AND USERS OF HYDROGEN

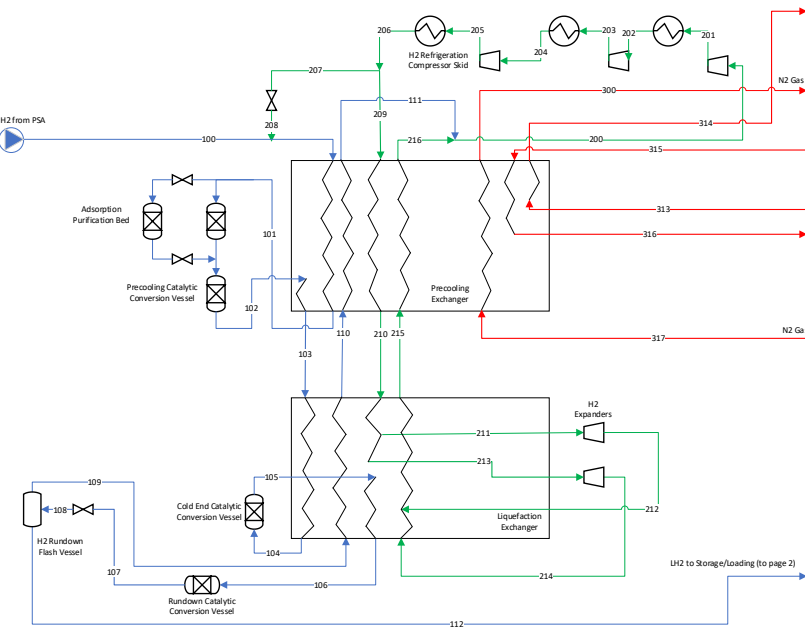
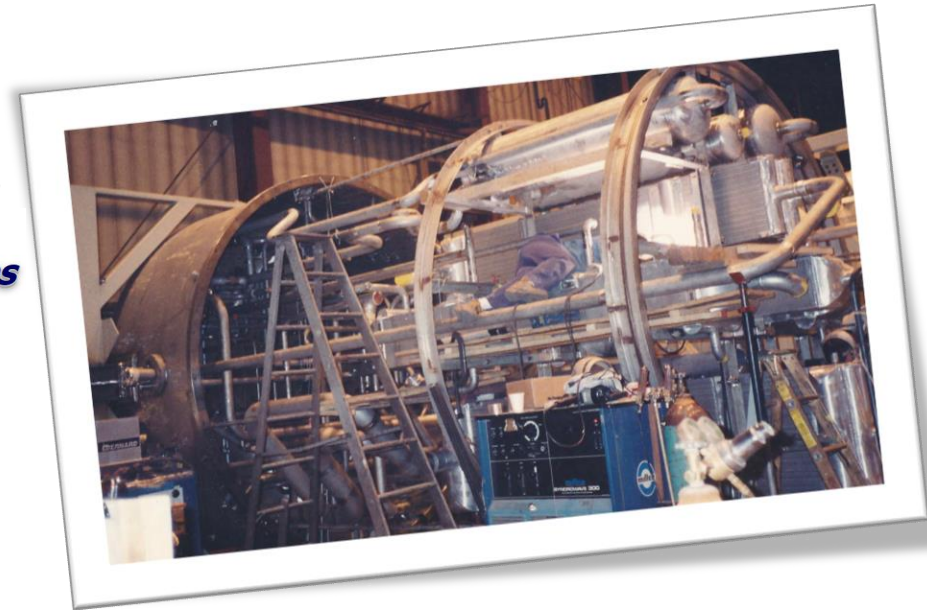
HYZON

ULA
America's Ride to Space

BLUE ORIGIN

Hydrogen Liquefaction

- Chart is a leader in liquefaction solutions & Mission Critical Equipment
- Brazed Aluminum Heat Exchangers (BAHX) and Cold Boxes for multiple gases
- Decades of experience in hydrogen and helium liquefaction
- Hydrogen liquefaction – 5 tpd, 12 tpd, 15 tpd, 22.5 tpd and 30 tpd
 - Hydrogen or helium cooling
 - Precooling – sacrificial N2, closed loop N2 or mixed refrigerant



Global Leader in Hydrogen Tanks

THE LEADER IN LIQUID HYDROGEN STORAGE TANKS GLOBALLY

FCEV fuel stations, FC forklift fueling, liquefaction, aerospace and industrial applications

>800 LH2 bulk tanks built

Complete line of liquid hydrogen storage tanks – 3,000 to 175,000 gallons (11 to 662 m³) and up

- Superior performance and quality
 - Chart Super Insulation
 - Pipe layouts designed with operations and maintenance in mind
 - Helium Mass-Spectrometer leak test detection used on all tanks
 - ASME Section IX certified welders

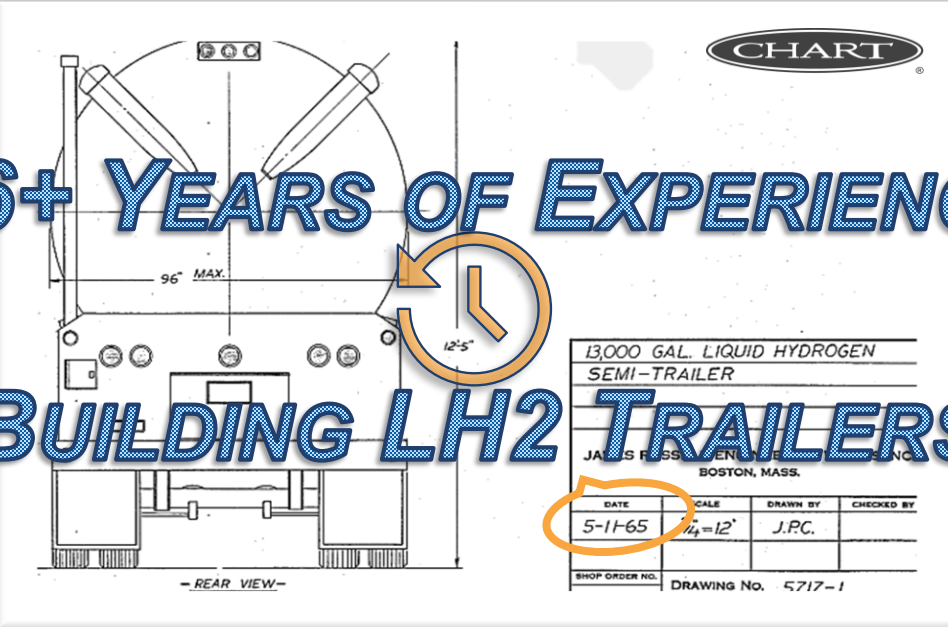


Cryogenic Transportation

LEADING DESIGNER AND MANUFACTURER OF CRYOGENIC TRAILERS WITH OVER 300 BUILT EACH YEAR

BROAD LINE OF OTHER CRYOGENIC TRANSPORTATION APPLICATIONS

- Railcars
- ISO containers
- Marine transport tanks



56+ YEARS OF EXPERIENCE

BUILDING LH2 TRAILERS

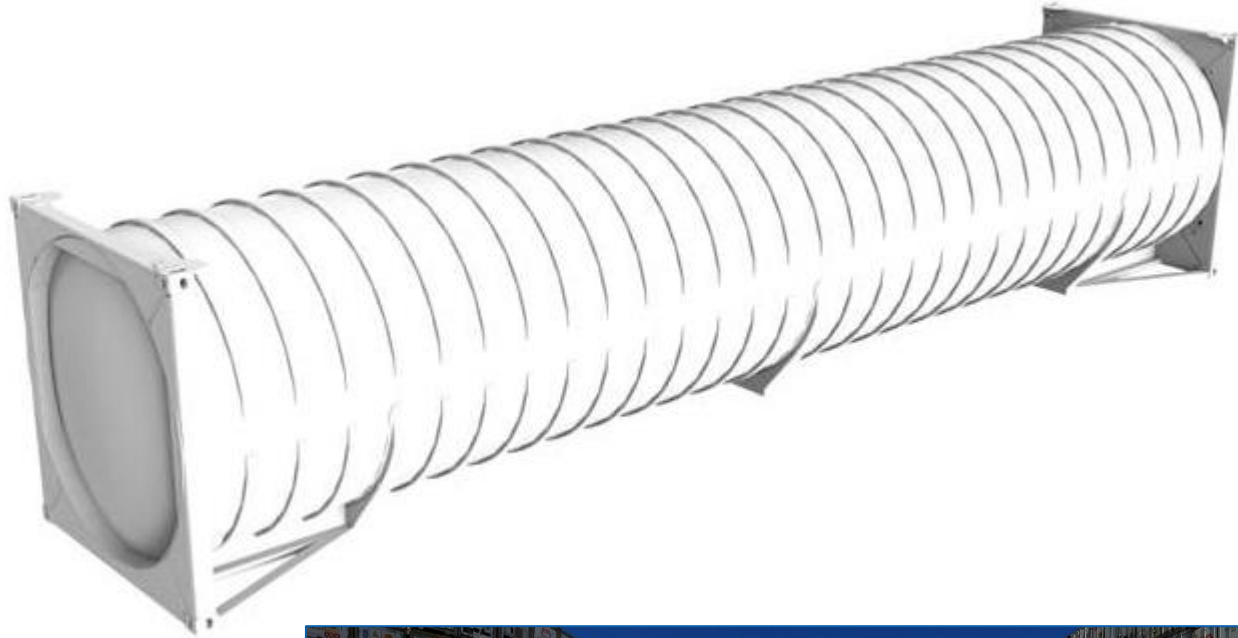
Liquid Hydrogen Trailers

Trailer Model	17600STL155P	8500STL110P
Capacity (water volume)	17,600 gal	8,500 gal
Payload	9,665 lbs	4,608 lbs
Tare Trailer Weight	50,560 lbs	26,740 lbs
Tractor Weight (est)	11,000 lbs	11,000 lbs
Total Weight (tractor + trailer(s) + payload)	71,225 lbs	73,696 lbs
MAWP	155 psi	110 psi
Overall Length	50'-1" (53' Class)	27'-11" (28' Class)
Width	8'-6.25"	8'-6.25"
Height	13'-0"	13'-0"

AND CUSTOM SIZES!



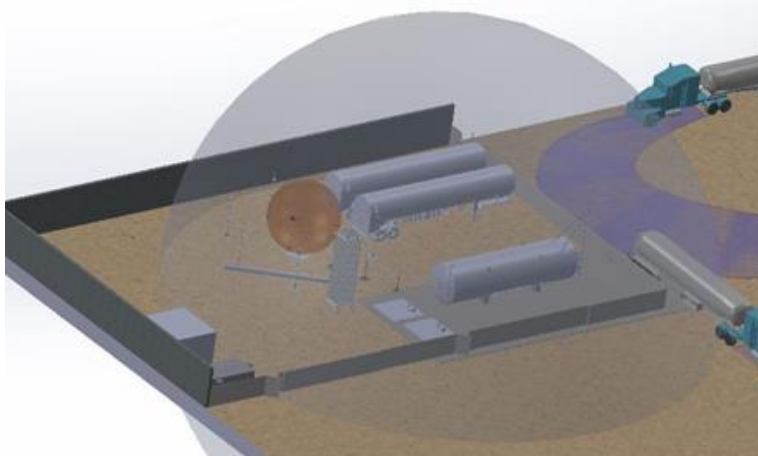
Liquid Hydrogen ISO Containers



ISO Model	UN T75 40 ft ISO
Capacity (water volume)	11,300 gal
Payload at 90%	~3,000 kg
Tare Weight	~12,000 lbs
MAWP	145 psig
Length	40'
Width	8'
Height	8'-6"
Hold Time	30+ days

Developing Integrated Solutions and Technologies

- On-board liquid hydrogen fuel tanks (HLH2)
- Fuel station design and integration
 - LH2 fuel station development for FCEVs
 - 25+ years experience providing LNG stations – developed most of the early technology
 - Integrated pumping, vaporization, and control systems
- Hub and Spoke transfill systems
- Hydrogen Testing Site at New Prague, MN factory
- Marine fuel tanks



Hydrogen Test Pad





Our ESG Focus Continues to Drive Broad-Based Demand

Chart's Strategic Acquisitions and Investments

2018 / 2019



2018:
Completes BAHX capacity expansion in La Crosse, WI



2018:
Acquires Skaff Cryogenics



2018:
Acquires VRV



2018:
Divestiture of oxygen concentrator business



2019:
Acquisition of Air-X-Changers

2020



Divestiture of cryobio product line to Cryoport for \$320M cash



FIRSTELEMENT FUEL

Development Agreement for LH2 automotive



Completed master supply agreement



30M Euro investment with commercial MOU



Acquisition of cryogenic and H2 trailer business and former microbulk business



Acquisition of water treatment business



Investment in Canadian H2 integrator



Acquisition of SES, carbon capture technology

2021



\$15M Investment and commercial MOU Completed Feb 2, 2021



Joint development MOU February 10, 2021



Acquisition of Cryo Technologies for \$55 million cash (Feb 16, 2021)



Investment of \$25 million for 5% ownership and commercial MOU (March 31, 2021)



Intend to be Cornerstone, early investor in forthcoming Five T Hydrogen Fund (50 million Euro investment over coming years)



Commercial and development MOU (no investment) for control systems and instrumentation in our modular solutions



Minority investment of 6.5M euros and commercial agreement (May 19, 2021)



Minority investment of \$5 million for 15% ownership and commercial MOU (June 3, 2021)



Acquisition of L.A. Turbine for \$80 million cash (July 1, 2021)



Acquisition of AdEdge for \$40 million cash (August 27, 2021)

2020-2021 ESG Recognition

Women on Boards

Recognition for having at least 20% women directors



ExxonMobil Power Play Awards Winner

“Rainmaker Award” – Jill Evanko



World LNG Awards Finalist

Outstanding Contribution to Energy Transition



Gastech Awards Winner
Emissions Reduction
Champion – Organization of the Year

Gastech Awards Finalist
Organization Championing
Diversity & Inclusion



S&P Global Platts Global Energy Awards Finalist
Corporate Social
Responsibility Award

S&P Global Platts Global Energy Winner:
Announced 12/9/2021



2020

2021



Cooler By Design.®

ESG Awards & Recognitions 2020-2021

Our Emissions Reductions Targets



Committed to reducing our carbon intensity 30% by 2030 compared to our 2020 baseline as well as pledging carbon-neutrality by 2050

Annual Sustainability Report Issued Every April

- Achieved lowest Total Recordable Incident Rate in our history (2020)
- Actively implement Diversity and Inclusion Committee suggestions
- Provide one paid day off to each team member annually to volunteer
- Goal to achieve 30% carbon reduction by 2030 and neutrality by 2050
 - Reduced GHG intensity by ~6% in 2020
 - Reduced Scope 1 and Scope 2 emissions by almost 9% in 2020
 - Reduced total energy consumption by almost 16% in 2020
- Included ESG metric in executive 2021 short-term bonus target
- Contribute to 5 of the United Nations Sustainable Development Goals
- Our Board of Directors is 45% female and 56% diverse
- We utilize Riskmethods analytics to proactively monitor our supply chain for proper governance in our supplier network



Adding our MicroDose liquid nitrogen dosing to Cargill's packaging line in Brazil facilitated the use of lightweight 15g PET bottles, **saving 1.6 million pounds of plastic** (about the same weight as 24 adult humpback whales).

Chart provided the horizontal liquefied natural gas (HLNG) vehicle tanks for IVECO's S-Way NP 460, **named the Sustainable Truck of the Year for 2021.**



Our work to design a LNG virtual pipeline, allowing our project partner Grupo Sousa to deliver natural gas to the Madeira Islands from the Portuguese mainland, has **reduced over 270,000 metric tons of carbon dioxide** since 2014.

Lowering Our Own Emissions

Plant Improvements



- Energy efficiency upgrades for various equipment
- Replacing diesel-powered equipment with electric
- Installation of welding camera systems to reduce the need for scaffolding, preventing operator from being exposed to intense arc light
- Reduced total number of welding machines needed to support production
- Added fume extractors in high fume areas
- Energy audits at various sites

LED Lighting



- Installation of LED lighting and “turn-off policy” (last one to leave ensures all lights are off)

Energy Savings (Office)



- AC regulation and installation of programmable thermostats
- Printer terminal control systems using personal e-card (log in to the printer to double-check action and avoid wrongful printing)

Recycling



- Using recyclable and reusable packaging
- Plastic bottle, aluminum can, and paper recycling programs

On-site Renewable Energy



- Expansion of rooftop solar
- Company car upgrades (hybrid/CNG fleets)

Carbon Offsets



- Carrying out projects such as tree-planting and protection (ex: planting 2,000 trees in Czech Switzerland National Park in the Decin District)

ESG Accountability & Continuous Improvement

Introducing an ESG component to our short-term incentive awards for 2021, **directly tying executive compensation with ESG goals.**

Measuring progress through **SASB and TCFD** indices, as well as contributing to the **Global Reporting Initiative (GRI)** and **United Nations Sustainable Development Goals (SDGs).**

Formation of **Global ESG Committee, Global Safety Council, and Global Diversity & Inclusion Committee.**

Riskmethods analytics software in place to **proactively monitor our supply chain** in order to identify risks early and ensure proper governance in our client and supplier network. We **monitor 20,000+ clients and suppliers** and proactively ensure that we are working with **low-risk suppliers with similar environmental goals.**

Regular communication about ESG goals with **CEO, executive team members, directors, and managers.**

ESG Internal Scorecard

Environmental

Targets



Reduce carbon intensity **30%** by **2030** compared to our 2020 baseline
Carbon neutral by **2050**

Completed/Ongoing Company Efforts

- Replaced lighting to LED at all facilities
- Recycling/waste management programs
- Energy efficiency improvements (better insulation, replacing equipment)
- Transition to electric vehicles
- Solar panel installations

Number of strategic **acquisitions** in 2021 year to date **3**

Number of strategic **investments** in 2021 year to date **7**

In 2020, Chart Products...

Treated over 2 billion gallons of water a day in the US



Produced about 50 million tons of LNG to replace coal fired power generation (non-US)

Reduced over 500 million liters of diesel used by over-the-road trucks



Helped eliminate nearly 250 million pounds of PET (plastic) used in water bottles in the U.S.

Social

Global D&I Committee

Number of sub-committees, each focused on a specific impact area **6**

Key Talent Development Programs

Engineering **Fellows & Key Experts Rotational Engineering** Program
Internships/Co-ops
Emerging Leaders Program

Corporate Partnerships

Partnering with **(HBCUs), Black and Hispanic college engineering groups, and various welding associations**

Safety is our #1 Priority

Global Safety Council discusses issues, lessons learned and ensures continuous improvement in operations
Achieved lowest **TRIR** in our history (2020)

Chart Gives Back

1 Number of paid day(s) off per year for employee to support a community initiative of their choosing

\$250 Amount of \$ Chart will match for employee donations

Higher Education

We **reimburse the cost of tuition and books** for employees in the pursuit of higher education or certifications who maintain a passing grade

Governance

Ethics Training



100% % of employees who need to pass annual ethics training

Diverse Board Structure



4 of 9 Directors are **Female**
5 of 9 Directors are **Diverse**
Included ESG metric in executive 2021 **short-term bonus**
Governed with **separate Chairman and CEO**

Maintaining Governance in Supplier Network

Number of suppliers who we proactively monitor through our **Riskmethods analytics software** **20,000+**



Revisiting Plant Layout

New Prague - Main Plant



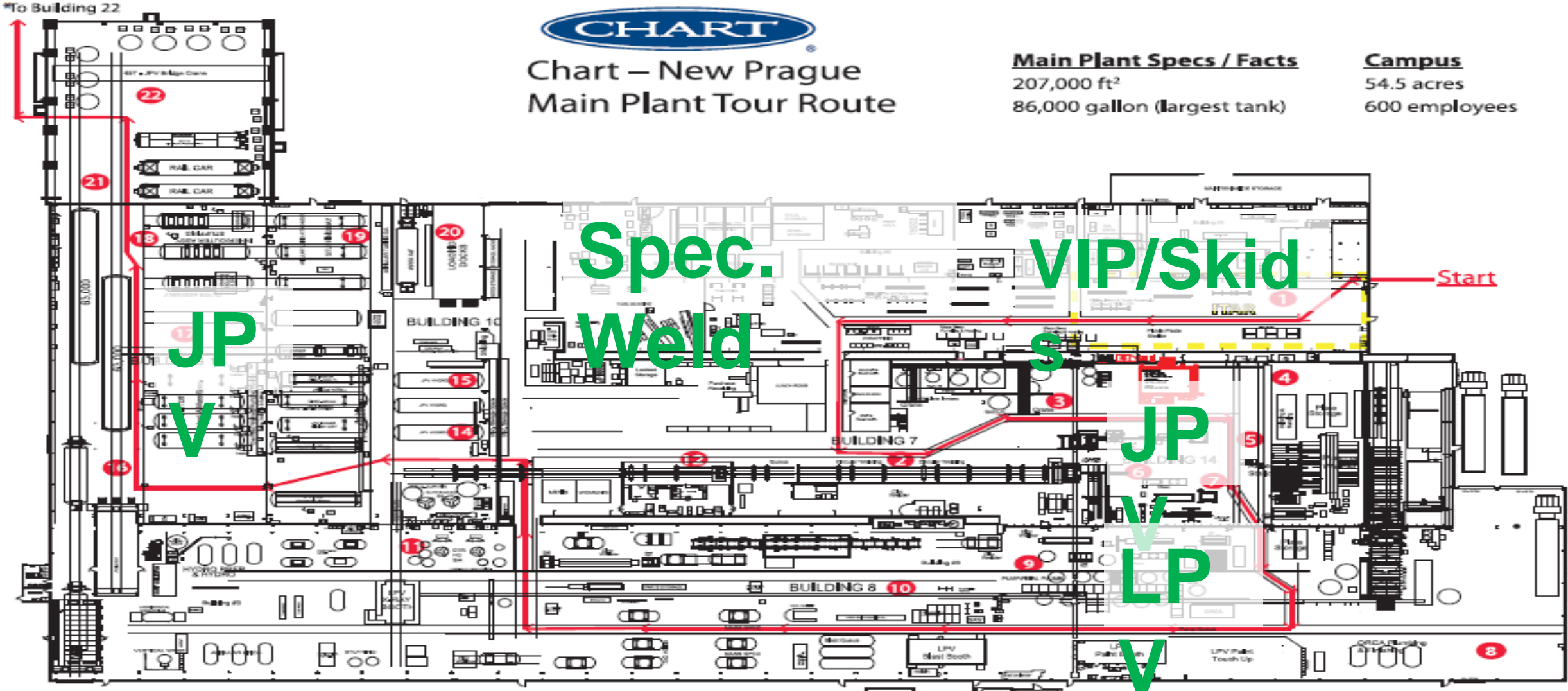
Chart – New Prague Main Plant Tour Route

Main Plant Specs / Facts

207,000 ft²
86,000 gallon (largest tank)

Campus

54.5 acres
600 employees



New Prague - SJPV Building

Chart – New Prague Building 22 Tour Route

Bldg 22 Specs / Facts
116,000 ft²
256,000 gallon / 1,000 m³
(largest tank)

