UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): August 18, 2021

NuStar Energy L.P.

(Exact name of registrant as specified in its charter)

001-16417

(Commission File Number)

74-2956831

(I.R.S. Employer Identification No.)

Delaware (State or other jurisdiction of incorporation)

> 19003 IH-10 West San Antonio, Texas 78257 (Address of principal executive offices) (210) 918-2000 (Registrant's telephone number, including area code)

Not applicable (Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common units	NS	New York Stock Exchange
Series A Fixed-to-Floating Rate Cumulative Redeemable Perpetual Preferred Units	NSprA	New York Stock Exchange
Series B Fixed-to-Floating Rate Cumulative Redeemable Perpetual Preferred Units	NSprB	New York Stock Exchange
Series C Fixed-to-Floating Rate Cumulative Redeemable Perpetual Preferred Units	NSprC	New York Stock Exchange

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company \Box

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \square

Item 7.01 Regulation FD Disclosure.

Senior management of NuStar Energy L.P. is participating in virtual meetings with members of the investment community at the 2021 Citi One-on-One Midstream / Energy Infrastructure Conference on Wednesday, August 18, 2021 and Thursday, August 19, 2021. The slides attached to this report were prepared in connection with, and are being used during, the meetings. The slides are included in Exhibit 99.1 to this report and are incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

 Exhibit Number
 EXHIBIT

 Exhibit 99.1
 Slides to be used on August 18, 2021 and August 19, 2021.

 Exhibit 104
 Cover Page Interactive Data File – the cover page XBRL tags are embedded within the Inline XBRL document

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

NUSTAR ENERGY L.P.

By:

Riverwalk Logistics, L.P. By: its general partner

> NuStar GP, LLC its general partner

Date: August 18, 2021

/s/ Amy L. Perry

Amy L. Perry
Executive Vice President-Strategic Development and General Counsel Title:



Statements contained in this presentation other than statements of historical fact are forward-looking statements. While these forward-looking statements, and any assumptions upon which they are based, are made in good faith and reflect our current judgment regarding the direction of our business, actual results will likely vary, sometimes materially, from any estimates, predictions, projections, assumptions or other future performance presented or suggested in this presentation. These forward-looking statements can generally be identified by the words "anticipates," "believes," "expects," "plans," "intends," "estimates," "forecasts," "budgets," "projects," "could," "should," "may" and similar expressions. These statements reflect our current views with regard to future events and are subject to various risks, uncertainties and assumptions.

We undertake no duty to update any forward-looking statement to conform the statement to actual results or changes in the company's expectations. For more information concerning factors that could cause actual results to differ from those expressed or forecasted, see NuStar Energy L.P.'s annual report on Form 10-K and quarterly reports on Form 10-Q, filed with the SEC and available on NuStar's website at www.nustarenergy.com. We use financial measures in this presentation that are not calculated in accordance with generally accepted accounting principles ("non-GAAP") and our reconciliations of non-GAAP financial measures to GAAP financial measures are located in the appendix to this presentation. These non-GAAP financial measures should not be considered an alternative to GAAP financial measures.





During Second Quarter, We Continued to Focus on Our 2021 Strategic Priorities



Funding All of Our Spending From Internally Generated Cash Flows

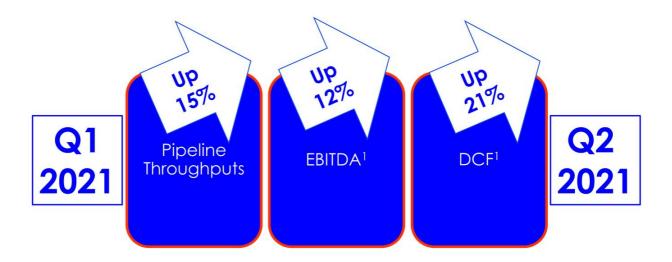


Continuing to Improve Our Debt Metrics



Promoting NuStar's Sustainability Excellence

Once Again, Our Strong Second Quarter 2021 Results Demonstrated, the Strength and Resilience of Our Business...



1 - Please see Appendix for reconciliations of non-GAAP financial measures to their most directly comparable GAAP measures



...And Our Recently Announced Asset Sale Demonstrates Our Commitment to Strengthening Our Balance Sheet

- ★ We recently agreed to sell nine terminals in the Northeast, Illinois and Florida to Sunoco LP for \$250 million, and we expect to close in Q4
- ★ With this sale, we will have divested non-core assets for a total of \$876 million in proceeds, in each case, at an attractive multiple



- ★ We deployed the proceeds from the 2018, 2019 and 2020 sales to improve our debt metrics and to fund our project spending, and we intend to use the proceeds from this Q4 2021 sale to lower our leverage
- ★ In addition to improving our debt metrics, the sale will also:
 - Lower our reliability spending
 - Reduce our operating expenses

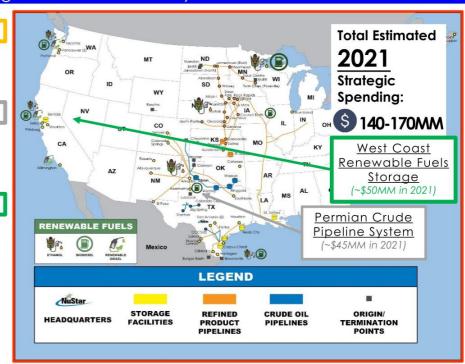
We Expect the Impact of the Asset Sale, Combined With the Financial Strength and Flexibility We Have Built Over Time, to Drive Strong Results for Full-Year 2021



*- After taking into account sale of terminals in the Northeast, Illinois and Florida, which we expect to close Q4 2021. Please see Appendix for reconciliations of non-GAAP financial measures to their most directly comparable GAAP measures.



We are Positioned to Focus 100% of Our Resources on Our Core Strategic Asset Footprint, Comprised of Refined Product, Crude Supply/Export and Renewable Fuels Logistics, as the Economy Recovers



Refined Products

- Midcontinent
- Texas
- Northern Mexico

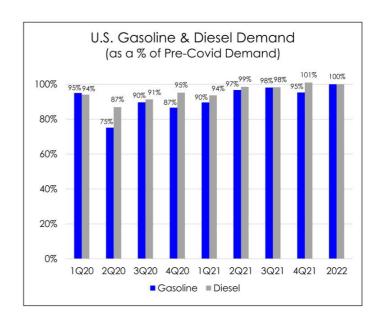
Crude Supply/Export

- St. James Terminal
- Permian System
- Corpus Christi Crude System

Renewable Fuels

- · Established:
 - West Coast Network
 - Ethanol & bio-diesel blending
- · Developing:
 - Ammonia System

★ In the second quarter of 2020, U.S. refined products demand dropped by 21% compared to January 2020, but by 2022, gasoline and diesel demand are expected to recover to pre-Covid demand levels

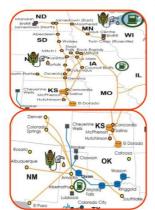


Source: EIA, Wells Fargo



NuStar's Refined Products Systems Serve Key Markets Across the Midcontinent and Texas...

Midcontinent Systems-



- ★ CENTRAL EAST: A 2,500-mile open pipeline system with multiple delivery options
 - East Pipeline This system serves important markets across the Midwest/West, with flexible refined product supply from refineries in McPherson, Kansas, El Dorado, Kansas and Ponca City, Oklahoma
 - North Pipeline System flows from North Dakota to the Twin Cities, serving both rural markets and large cities with refined product supply from Mandan, North Dakota refinery
- ★ CENTRAL WEST: Comprised of over 2,200 miles of pipeline with structural exclusivity, serving markets in Texas and nearby states supplied from the McKee, Texas refinery

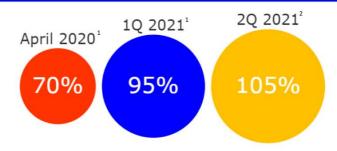


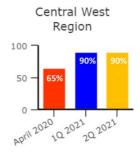
South Texas Systems-

* Around 700 miles of pipeline with structural exclusivity, primarily serving markets in Texas and northern Mexico supplied from refineries located in Corpus Christi and Three Rivers, Texas

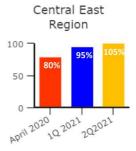
Which Have Been Resilient and Where We Expect to Continue to See Strong, Consistent Demand for Our Services









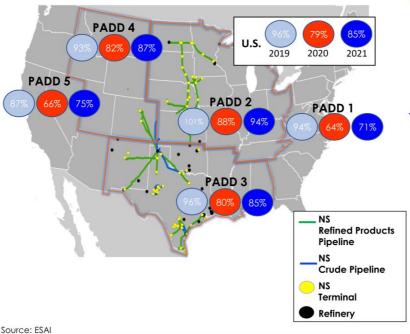


- ★ Our refined product throughputs are up <u>34%</u> over 2Q 2020 and up a strong <u>7%</u> over 2Q 2019
- ★ We are expecting 100% of our early 2020 (pre-Covid) levels for the remainder of the year
- 1 Comparison of year-over-year demand; includes on-road product demand in our storage system 2 Comparison of 2Q 2019 versus 2Q 2021; includes on-road product demand in our storage system

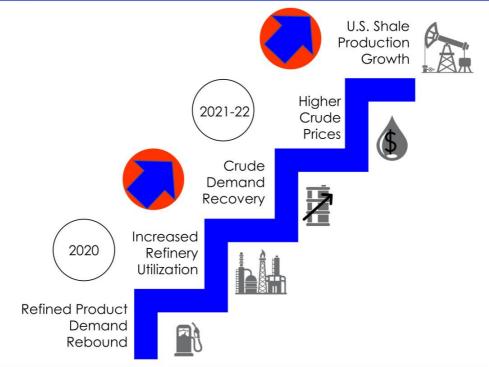


The Outlook for U.S. Refinery Utilization has Improved

U.S. Refinery Utilization (Average by PADD, 2019-2021)



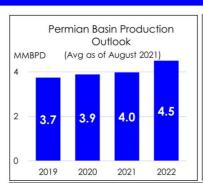
- ★ U.S. refineries in all PADDs are seeing utilization higher than their 2020 rates, but still below their Pre-Covid 2019 rates
- By the end of 2021, however, U.S. refinery utilization is expected to climb to 85%

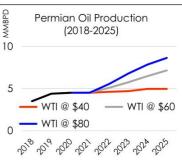


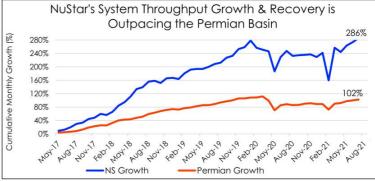


The Permian Basin is Leading U.S. Shale Rebound, With Our Permian System Continuing to Outperform

- ★ Because of its superior geology and low breakeven costs, the Permian Basin's production:
 - Exited 2020 at 3.9 MMBPD, representing approximately 52% of the nation's total shale output
 - Projected to exit 2021 at 4.3 MMBPD; higher than both 2019 and 2020
 - Is expected to return to stronger growth in 2022
- ★ Our system's throughput volumes are now up 35% above Covid lows, while the rest of the Permian is up 19% from the Covid low
- ★ We continue to expect to exit 2021 at 500 MBPD





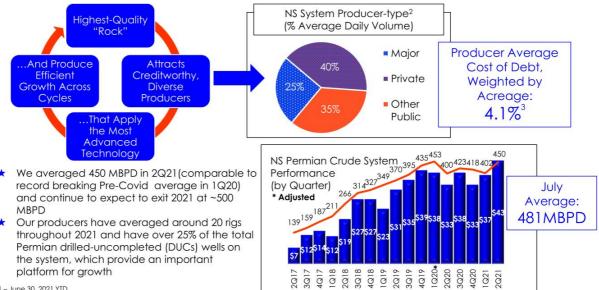


Source: EIA Drilling Productivity Report (August 2021), Rystad, ESAI

Crude Supply/Export NuStar

Our "Core of the Core" Location has Attracted Top-Tier Customers With Activity to Support Steady Improvement in 2021 and Beyond

- ★ The quality of geological formations underlying our system attracts the strongest customers
 - Our creditworthy customers include majors and the most prolific E&Ps, both private and public, in the basin, as well as large independent refiners and marketers
 - ~72% of our system's revenue is generated from investment-grade (IG) rated and Non-IG BB-rated entities



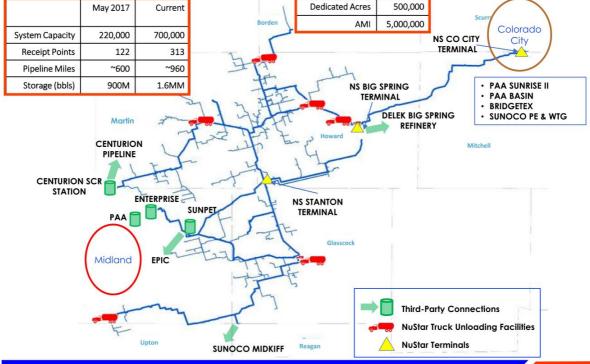
EBITDA (\$MM)

System Receipts (Avg MBPD)

- 1 June 30, 2021 YTD
- 2 June 30, 2021 MTD
- 3 As of August 10, 2021

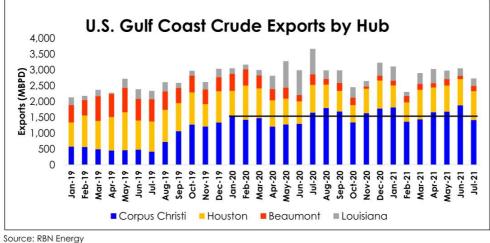
lease see Appendix for reconciliations of non-GAAP financial measures to their most directly comparable GAAP measures





Gulf Coast Exports Held Up Well in 2020, and Corpus Christi Exports are Expected to Return to Growth in 2022

- ★ Corpus Christi, historically a regional refinery and domestic marine delivery hub, has evolved into a significant U.S. crude oil export hub
 - ☐ Currently, over half of the total ~3.0 MMBPD of Gulf Coast crude exports exit through Corpus Christi
 - Corpus Christi's share of Gulf Coast crude exports remained steady- in 2020 and so far in 2021
 - ☐ The Port of Corpus Christi may see some growth as global crude demand recovers in early 2022



Corpus Christi exports have grown from 0.4MMBPD in mid-2019 to an average of 1.5MMBPD since January 2020

Our Corpus Christi Crude System's MVCs- for Export and Local Refinery Supply- Provide Strength & Stability

★ The heart of our Corpus Christi Crude System is our North Beach Terminal, which receives barrels from our South Texas Crude Oil Pipeline System, our 12" Three Rivers Supply Pipeline and our 30" pipeline from Taft, as well as from third-party pipeline connections

In-bound Capacity > Storage Capacity > Out-bound Capacity

TOTAL: 1.2MMBPD

- South Texas Crude System 16"
 Pipeline 240MBPD
- Taft 30" 720MBPD and expandable
- Harvest 16" Pipeline 240MBPD

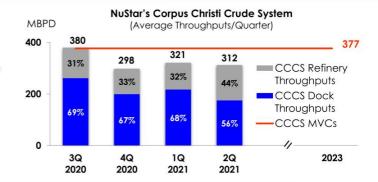
TOTAL: 3.9MMbbl

 Potential expansion 0.4MMbbl

TOTAL: 1.2MMBPD

- **EXPORT DOCKS-** 750MBPD to 1.0MMBPD
- REFINERY SUPPLY 220MBPD

- Unlike most other midstream operators in the Port of Corpus Christi, NuStar provides unparalleled optionality for marine exports and connectivity to local refineries
- U.S. shale production growth and improving global demand will drive the recovery and growth in our CCCS volumes





Crude Supply/Export

Our St. James Facility's Storage and Extensive Connectivity- Pipeline, Marine and Rail- Position NuStar for Growth in the Future



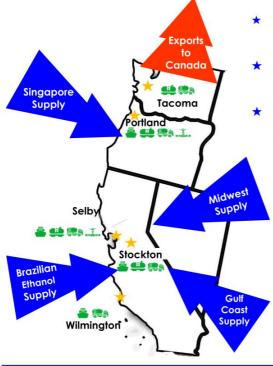




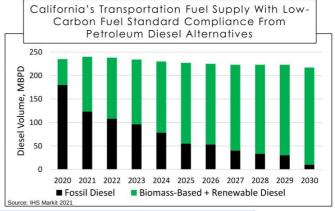
Pipeline	Marine	Rail
Connections: 48" LOCAP – 2.0MMBPD 40" Capline Reversal (1Q 2022) – 600MBPD 24" Bayou Bridge – 456MBPD 20" Ship Shoal – 360MBPD 18" Zydeco – 360MBPD 16" Crimson Bonefish – 108MBPD 30" Marathon Garyville – 530MBPD 24" Maurepas Pipeline – 380MBPD 24" XOM Baton Rouge – 350MBPD	 Three Docks (expandable): Dock 1 – inland barge dock (bi-directional) Dock 2 – ship dock (bi-directional) Aframax capable Dock 5 – ship dock (receipt only)Light-Loaded Suezmax capable 	 Two Unit Train Facilities: 240 unloading spots with track to store four additional unit trains Capable of unloading light, sweet crude oil at 18MBPH and heavy diluted crude oil at 8MBPH Strong customer interest in developing steam to facilitate unloading different grades of oil
 In 2019, Bayou Bridge began bringing WTI light, Bakken and Canadian barrels In January 2022, Capline owners plan to reverse its service to bring heavy Canadian (and potentially Bakken) crude for use in regional refineries and export 	 U.S. shale production growth and improving global demand will drive increased export opportunities We expect to be able to expand to 34MBPH with modest capital spend 	■ We have customer commitments for 30MBPD through April 2022, and we are currently negotiating renewals that include unit train optionality



Carbon Emissions Reduction Goals, in the U.S. and Canada, Generate Growing Demand and Dislocations, Offer Opportunities for Well-positioned Midstream Logistics, Like NuStar's



- ★ Regulatory priorities on the West Coast and in Canada continue to dramatically increase demand for renewable fuels in the region
- ★ At the same time, obtaining permits for greenfield projects in the region is difficult, which increases the value of existing assets
- Our terminals have the access to facilities necessary to receive renewable fuels from outside the region and distribute renewable fuels across the West Coast





Renewable Fuels

We Already Handle and Store a Significant Proportion of the Total Renewable Fuels Volumes in California, the Largest Driving State in the Nation

NuStar's Proportionate Share of California's Renewable Fuels Market (First Quarter 2021 Total Volume¹)







★ We expect these percentages to continue to grow, along with associated EBITDA, as we complete additional projects, under construction or in development

1 – Most recent available data

Source: California Air Resource Board (CARB)

DIESEL

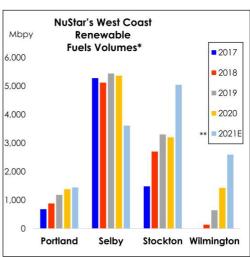
NuStar

Renewable Fuels

... And We Continue to Partner With Key Customers to Develop Our Renewable Fuels Network Across Our Footprint, as LCFS Mandates Proliferate to Additional Markets

- We have established ourselves as an early mover in the renewable fuels transportation market by developing and completing a number of renewable fuels projects
- These projects, in partnership with our customers on the West Coast, have allowed NuStar to capture market share and build on relationships with key global producers
 - Our facilities are positioned to benefit from new production and conversion supply projects for renewable diesel, renewable jet, ethanol and other renewable fuels as the renewable fuels market continues to grow

		Complete
Portland	Convert 36,000 bbls to biodiesel	✓
Pomana	Convert 57,000 bbls to renewable diesel	✓
	Construct truck-loading for renewable diesel	✓
	Multimodal shipment of renewable jet fuel	✓
Selby	Convert 208,000 bbls to renewable jet fuel	✓
	Modify rail to handle renewable feedstock offloading	✓
	Convert 30,000 bbls to biodiesel	✓
Stockton	Convert 73,000 bbls to renewable diesel and expand renewable diesel handling to all 15 rail spots	✓
	Convert 151,000 bbls to renewable diesel	2H21 Est.
	Connect to railcar ethanol offload facility	1H22 Est.
200 10 10	Convert 160,000 bbls to renewable diesel	/
Wilmington	Reconfigure dock for enhanced marine capability	1H25 Est.

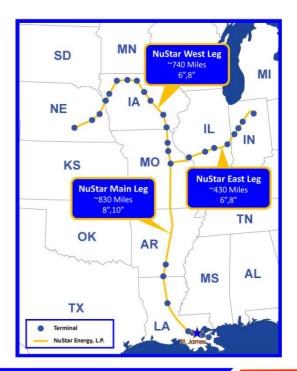


* Includes Biodiesel, Renewable Diesel and Ethanol ** June 2021 YTD - annualized



In Addition to LCFS, We are Developing Near- and Longterm Renewables Opportunities for Our Ammonia System

- ★ Our Ammonia Pipeline is the longest <u>and only</u> ammonia pipeline in the country
 - Spans over 2,000 miles from Louisiana, north up through the Midcontinent along the Mississippi and beyond
 - Today, the ammonia we transport is used primarily for fertilizing crops by farmers in our nation's "breadbasket"
 - We have capacity available to transport "blue" or "green" Ammonia





Renewable Fuels

"Gray," "Blue" and "Green" Ammonia Offer Actionable Positive Nearterm Opportunities for Our Customers and Our Ammonia System

Gray Ammonia

 Derived from natural gas, nearly all of the world's production made utilizing the Haber-Bosch process

Blue Ammonia

 Gray Ammonia for which by-product CO₂ has been captured and stored, reducing climate impact

Green Ammonia

 Produced with hydrogen from water electrolysis powered by renewable energy





Technology exists today to use LOWER- or ZERO-CARBON AMMONIA to reduce CO₂:

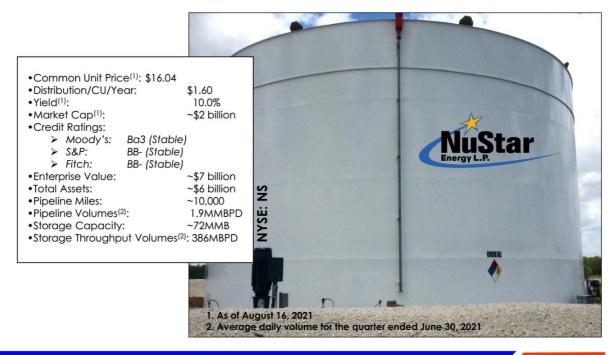
- By simply replacing conventional ammonia in existing uses, which is one of the most widely used industrial chemicals on the planet
- ✓ As a fuel for
 - <u>Electricity generation</u> to power remote telecommunication towers or to provide electricity to back up supporting intermittent renewable power generation, like wind and solar
 - ✓ "Greening" maritime transportation
 - ✓ Decarbonizing heating and cooling
 - ✓ <u>Internal combustion engines, turbines and batteries</u>
- ✓ As a safe, efficient mode for hydrogen transport.

Sources: CF, Royal Society



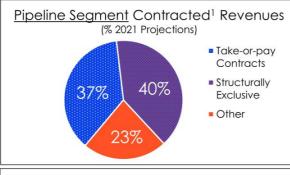


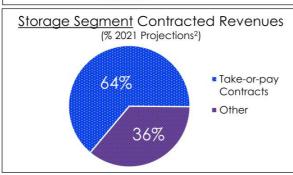
NuStar By-the-numbers

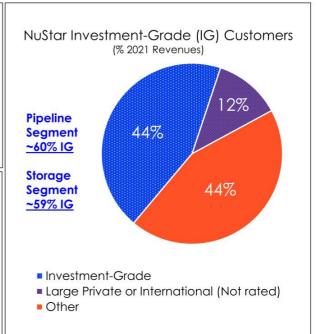




Long-term Commitments From Creditworthy Customers





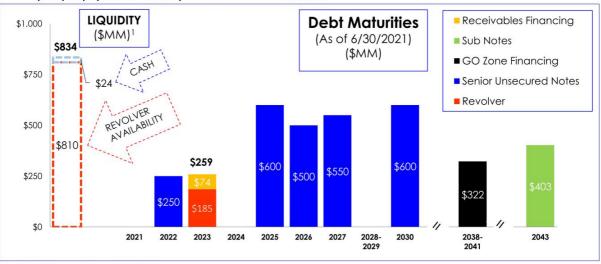


1 - committed through take or pay contracts or through structural exclusivity (uncommitted lines serving refinery customers with no competition) 2 - after taking into account revenues from terminals in the Northeast, Illinois and Florida, expected to be sold early in the fourth quarter of 2021



Liquidity and Debt Maturity Schedule

- ★ In March 2020, we extended our revolver term through October 2023
- ★ In September 2020, we issued two \$600 million tranches of five-year and 10-year senior unsecured notes maturing in 2025 and 2030
 - We utilized the proceeds to repay our debt
- ★ We utilized cash flows and our revolver to pay-off our February 2021 bond maturities, and we plan to utilize our liquidity to pay-off our February 2022 bond maturities as well



1 - Liquidity as of June 30, 2021

\$1.0B Credit Facility	\$	185	Common Equity and AOCI	\$431
NuStar Logistics Notes (4.75%)		250	Series A, B and C Preferred Units	\$756
NuStar Logistics Notes (5.625%)		550	Series D Preferred Units	\$ <u>608</u>
NuStar Logistics Notes (5.75%)		600	Total Equity ¹	1,795
NuStar Logistics Notes (6.00%)		500	Total Capitalization	\$5,296
NuStar Logistics Notes (6.375%)		600		
NuStar Logistics Sub Notes		403		
GO Zone Bonds		322		
Receivables Financing		74		
Finance Lease Liability		57		
Other		(40)		
Total Debt	\$3	3,501		

★ As of June 30, 2021:

- ☐ Credit facility availability ~\$810MM
- ☐ Debt-to-EBITDA ratio² 4.27x
- 1 Total Equity includes Partners' Equity and Mezzanine Equity (Series D Preferred Units)
- 2 Please see Appendix for reconciliations of non-GAAP financial measures to their most directly comparable GAAP measures

NuStar Energy L.P. utilizes financial measures, such as earnings before interest, taxes, depreciation and amortization (EBITDA), distributable cash flow (DCF) and distribution coverage ratio, which are not defined in U.S. generally accepted accounting principles (GAAP). Management believes these financial measures provide useful information to investors and other external users of our financial information because (i) they provide additional information about the operating performance of the partnership's assets and the cash the business is generating, (ii) investors and other external users of our financial statements benefit from having access to the same financial measures being utilized by management and our board of directors when making financial, operational, compensation and planning decisions and (iii) they highlight the impact of significant transactions. We may also adjust these measures and/or calculate them based on continuing operations, to enhance the comparability of our performance across periods.

Our board of directors and management use EBITDA and/or DCF when assessing the following: (i) the performance of our assets, (ii) the viability of potential projects, (iii) our ability to fund distributions, (iv) our ability to fund capital expenditures and (v) our ability to service debt. In addition, our board of directors uses EBITDA, DCF and a distribution coverage ratio, which is calculated based on DCF, as some of the factors in its compensation determinations. DCF is used by the master limited partnership (MLP) investment community to compare partnership performance. DCF is used by the MLP investment community, in part, because the value of a partnership unit is partially based on its yield, and its yield is based on the cash distributions a partnership can pay its unitholders.

None of these financial measures are presented as an alternative to net income, or for any periods presented reflecting discontinued operations, income from continuing operations. They should not be considered in isolation or as substitutes for a measure of performance prepared in accordance with GAAP.

The following is a reconciliation of operating (loss) income to EBITDA to adjusted EBITDA for the Permian Crude System (in thousands of dollars):

	Three Months Ended																
	June 30, 2017 Sept. 30, 2017			7	Dec. 31, 2017	Mar. 31, 2018		June 30, 2018		Sept. 30, 2018		Dec. 31, 2018		Mar. 31, 2019		June 30, 201	
Operating (loss) income	\$	(3,424)	\$ 1,050) \$	650	\$	(1,847)	\$	3,605	\$	11,546	\$	10,878	\$	5,358	\$	13,543
Depreciation and amortization expense		10,227	11,005	5	13,165		13,477		15,059		15,235		16,589		17,647		17,182
EBITDA		6,803	12,055	5	13,815		11,630		18,664		26,781		27,467		23,005		30,725
Goodwill impairment loss (a)		_		-													
Adjusted EBITDA	\$	6,803	\$ 12,055	5 \$	13,815	\$	11,630	\$	18,664	\$	26,781	\$	27,467	\$	23,005	\$	30,725

	Three Months Ended															
	Sept. 30, 2019		Dec. 31, 2019		Mar. 31, 2020		June 30, 2020		Sept. 30, 2020		Dec. 31, 2020		Ma	r. 31, 2021	June 30, 2021	
Operating income (loss)	\$	17,280	\$	21,132	\$	(106,476)	\$	14,481	\$	17,627	\$	13,523	\$	16,912	\$	22,767
Depreciation and amortization expense		18,114		18,154		18,606		18,928		20,115		19,579		19,694		19,843
EBITDA	110	35,394		39,286		(87,870)		33,409		37,742		33,102		36,606		42,610
Goodwill impairment loss (a)	, <u>.</u>					126,000						_				_
Adjusted EBITDA	\$	35,394	\$	39,286	\$	38,130	\$	33,409	\$	37,742	\$	33,102	\$	36,606	\$	42,610

⁽a) Represents a non-cash goodwill impairment charge.

The following is a reconciliation of net income to EBITDA, DCF and distribution coverage ratio (in thousands of dollars, except ratio data):

	Three Mo	onths Ended
	June 30, 2021	March 31, 2021
Net income	\$ 63,383	\$ \$ 42,257
Interest expense, net	53,780	54,918
Income tax expense	1,338	1,512
Depreciation and amortization expense	70,877	70,465
EBITDA	189,378	169,152
Interest expense, net	(53,780	(54,918)
Reliability capital expenditures	(8,943	(8,489)
Income tax expense	(1,338	(1,512)
Long-term incentive equity awards (a)	2,720	3,287
Preferred unit distributions	(31,887	(31,887)
Other items	1,225	4,912
DCF	\$ 97,375	\$ 80,545
Distributions applicable to common limited partners	\$ 43,814	\$ 43,834
Distribution coverage ratio (b)	2.22x	1.84x

⁽a) We intend to satisfy the vestings of these equity-based awards with the issuance of our common units. As such, the expenses related to these awards are considered non-cash and added back to DCF. Certain awards include distribution equivalent rights (DERs). Payments made in connection with DERs are deducted from DCF.

⁽b) Distribution coverage ratio is calculated by dividing DCF by distributions applicable to common limited partners.

The following is the reconciliation for the calculation of our Consolidated Debt Coverage Ratio, as defined in our revolving credit agreement (the Revolving Credit Agreement) (in thousands of dollars, except ratio data):

	For the F	Projected for the Year Ended December 31, 2021		
Operating income	\$	423,354	\$ 400,000 - 420,000	
Depreciation and amortization expense		284,811	270,000 - 278,000	
Equity awards (a)		13,438	10,000 - 15,000	
Other (b)		244	(5,000) - 5,000	
Consolidated EBITDA, as defined in the Revolving Credit Agreement	\$	721,847	\$ 675,000 - 718,000	
Total consolidated debt	\$	3,483,840	\$ 3,100,000 - 3,300,000	
NuStar Logistics' floating rate subordinated notes		(402,500)	(402,500)	
Consolidated Debt, as defined in the Revolving Credit Agreement	\$	3,081,340	\$ 2,697,500 - 2,897,500	
Consolidated Debt Coverage Ratio (Consolidated Debt to Consolidated EBITDA)		4.27x	4.0x	

⁽a) This adjustment represents the non-cash expense related to the vestings of equity-based awards with the issuance of our common units.

⁽b) This adjustment represents other noncash and pro forma items, as defined in the Revolving Credit Agreement.

The following is a reconciliation of net income, EBITDA, adjusted EBITDA, adjusted DCF and adjusted distribution coverage ratio (in thousands of dollars, except ratio data):

	Projected for the Year Ended December 31, 2021	
Net income	\$	63,000 - 74,000
Interest expense, net		210,000 - 218,000
Income tax expense		2,000 - 5,000
Depreciation and amortization expense		270,000 - 278,000
EBITDA	03	545,000 - 575,000
Loss on announced sale of terminals (a)		135,000
Adjusted EBITDA		680,000 - 710,000
Interest expense, net		(210,000 - 218,000)
Reliability capital expenditures		(40,000 - 50,000)
Income tax expense		(2,000 - 5,000)
Long-term incentive equity awards (b)		10,000 - 15,000
Preferred unit distributions		(125,000 - 130,000)
Other		15,000 - 20,000
Adjusted DCF	\$	328,000 - 342,000
Distributions applicable to common limited partners	\$	175,000 - 178,000
Adjusted distribution coverage ratio (c)		1.9x

- (a) This projection for the year ended December 31, 2021 represents the midpoint of the expected range of loss on the sale of terminals, which was announced on August 2, 2021, and is expected to be completed in the fourth quarter of 2021.
- (b) We intend to satisfy the vestings of these equity-based awards with the issuance of our common units. As such, the expenses related to these awards are considered non-cash and added back to DCF. Certain awards include distribution equivalent rights (DERs). Payments made in connection with DERs are deducted from DCF.
- (c) Adjusted distribution coverage ratio is calculated by dividing adjusted DCF by distributions applicable to common limited partners.

INVESTOR RELATIONS

(210) 918-INVR (4687) InvestorRelations@NuStarEnergy.com

SUSTAINABILITY

Sustainability@NuStarEnergy.com

For additional information about corporate sustainability at NuStar, visit http://www.NuStarEnergy.com/Sustainability



Forward-looking Statements

Statements contained in this presentation other than statements of historical fact are forward-looking statements. While these forward-looking statements, and any assumptions upon which they are based, are made in good faith and reflect our current judgment regarding the direction of our business, actual results will likely vary, sometimes materially, from any estimates, predictions, projections, assumptions or other future performance presented or suggested in this presentation. These forward-looking statements can generally be identified by the words "anticipates," "believes," "expects," "plans," "intends," "estimates," "forecasts," "budgets," "projects," "could," "should," "may" and similar expressions. These statements reflect our current views with regard to future events and are subject to various risks, uncertainties and assumptions.

We undertake no duty to update any forward-looking statement to conform the statement to actual results or changes in the company's expectations. For more information concerning factors that could cause actual results to differ from those expressed or forecasted, see NuStar Energy L.P.'s annual report on Form 10-K and quarterly reports on Form 10-Q, filed with the SEC and available on NuStar's website at www.nustarenergy.com. We use financial measures in this presentation that are not calculated in accordance with generally accepted accounting principles ("non-GAAP") and our reconciliations of non-GAAP financial measures to GAAP financial measures are located in the appendix to this presentation. These non-GAAP financial measures should not be considered an alternative to GAAP financial measures.



Responsibly Resilient



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Responsibly Resilient

INTRODUCTION Building on 20 Years of Sustainability Excellence





Responsibly Resilient

OUR SUSTAINABILITY COMMITMENT

We are Committed to Maintaining Excellence and Taking Care of Each Other and Our Planet, now and in the Future



Doing the right thing for the right reasons is deeply ingrained in NuStar's culture of responsibility, caring and sharing and has been since NuStar was established 20 years ago. In fact, long before ESG became a common term, one of the things that made NuStar such a great place to work was our strong corporate culture, which was created by our Chairman, Bill Greehey. In our culture, we treat everyone with respect, we give back to our communities, we protect the environment, and we demand that all of our employees hold themselves and each other to the highest ethical standards.

We are proud of our record of responsible operations, and we are committed to maintaining excellence and continuing to take care of one another and our planet. We are also proud of the resilience and strength our business has shown, across economic cycles and our footprint.

We are focused on nurturing that resilience and strength to ensure NuStar continues to prosper as the Nation's and the World's growing energy needs evolve, and we are already demonstrating our ability to do just that through the success of our West Coast renewable fuels logistics network, which both generates solid returns for our investors and helps lower carbon emissions in communities across the region.

We are also focused on continuing to do the right thing, across our operations, every day of every week: to protect the environment, our communities and our employees, to ensure safe, reliable energy service to our customers and to build value for our investors.

Brad Barron

President & Chief Executive Officer, NuStar Energy L.P.



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OUR SUSTAINABILITY PRIORITIES

ENVIRONMENTAL

SOCIAL

GOVERNANCE







Protecting People & the Planet Engaging Our Employees & Building Our Communities Assuring Responsive Management



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OUR BALANCED MIDSTREAM ASSETS

NuStar Transports and Stores Crude Oil, Petroleum Products, Ammonia and Renewable Fuels in Markets Across North America

Pipelines:

10,000

pipeline miles

645 MM

barrels transported in 2020

1.8 MMbpd

average daily volume in 2020



Terminals:

73

terminal facilities

72 MM

barrels of storage capacity

172 MM

barrels throughput in 2020



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OUR STRENGTH & RESILIENCE IN 2020

Even Through 2020's Challenges, We Maintained Safe, Reliable Operations, Protected Our Employees, as Well as Their Families and Communities, and Generated Solid Results

- Ensured reliable, uninterrupted delivery of essential energy services
- Maintained safety and environmental stewardship, again outperforming our industry peers in 2020
- Prioritized employee health & protection throughout response across our assets
- Implemented physical distancing, restricted facility access & established cleaning protocols at all worksites
- Invested in ventilation and air-handling improvements
- Provided free COVID-19 testing and vaccines
- Maintained frequent leadership communication
- Pledged over \$1MM to community COVID-19 relief funds²



1 - Please see Appendix for reconciliations of non-GAAP financial measures to their most directly comparable GAAP measures



Adjusted EBITDA¹ \$723 MM





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OUR ECONOMIC IMPACT IN 2020

In 2020, We Also Contributed to Our Communities' and Our Employees' Economic Health



~\$230 MILLION

Employee compensation & benefits for our 1,408 employees¹



\$5.5

Community investment (including employee contributions to United Way)



\$321 MILLION

Distributions to investors

1 – As of December 31, 2020



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Responsibly Resilient

COMMITTED TO ASSURING SAFE, RELIABLE ACCESS TO ENERGY AND MAINTAINING EXCELLENCE ACROSS OUR BUSINESS



We are Committed to:

BUILDING RESILIENCE

DEVELOPING solutions to respond to growth and evolution of energy needs in the markets we serve, as we have through our West Coast renewable fuels logistics network, which FACILITATES

clean

RENEWABLE FUELS

to improve air quality on the West Coast and beyond

OPERATING RESPONSIBLY

- MAINTAINING our industry-leading health and safety record
- ASSURING safety and reliability through inspection and monitoring
- INCREASING our energy efficiency
- LOWERING our emissions
- PREPARING for emergencies
- PROTECTING our business and our communities with a robust cybersecurity program

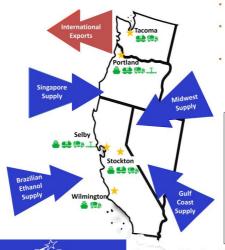


Responsibly Resilient

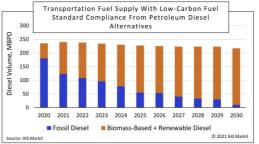
BUILDING RESILIENCE: DECARBONIZING DRIVING ON THE WEST COAST



Our West Coast Renewable Fuels Logistics Network is Playing an Integral Role in Significant Reductions in Carbon Emissions



- Regulatory priorities on the West Coast are dramatically increasing demand for renewable fuels in the region
- At the same time, obtaining permits for greenfield projects in the region is difficult, which increases the value and importance of existing assets
- Our terminals have the access to facilities necessary to receive bio-fuels from outside the region and to provide a base for distribution of renewable fuels across the West Coast



NuStar Responsibly Resilient

BUILDING RESILIENCE: RENEWABLE FUELS HANDLING LEADER



NuStar Now Handles a Significant Proportion of California's Growing Renewable Fuels Market

NuStar's Share of California's Renewable Fuels Market (Full-Year 2020 Total Volume¹)







ETHANOL

RENEWABLE DIESEL

We expect these percentages to increase through 2023, along with associated EBITDA, as we complete
additional projects currently in planning stages or under construction

1 – Most recent available data Source: California Air Resource Board (CARB)

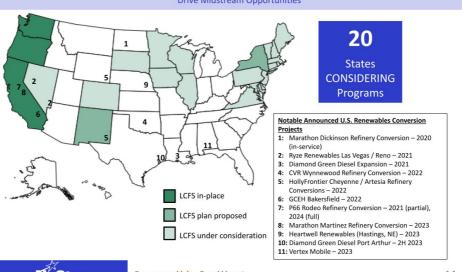


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BUILDING RESILIENCE: LOW-CARBON MANDATE OPPORTUNITY



The Success of California's Program is Driving Action Well Beyond the "Golden State" That Will Drive Midstream Opportunities



NuStar

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BUILDING RESILIENCE: PIPELINES ARE THE SAFEST, MOST ENERGY-EFFICIENT CHOICE



Pipelines are the Best Alternative for Fuel Transportation, Whether Conventional or Renewable

Transporting the Volume

NuStar Moves in **ONE DAY**Would Require:

~9,500 Trucks
or
~2,500 Rail cars

sources: "Pipelines are Safest for Transportation of Oil and Gas" Manhattan Institute for Policy Research 2013
The Permian Basin's Demand for Crude Oil Tanker Trucks Could Quadruple in Q2" Freightwaves 2019
Association of Oil Pipe Lines (AOPL) and Reuters

Pipelines are the **SAFEST**Mode of Energy Transportation:

 Trucks are 34 times more likely than liquid pipelines to experience an incident

Pipelines have the **LOWEST**Greenhouse Gas Emissions (GHGs):

Trucks emit 467% more than pipelines



Responsibly Resilient

RESPONSIBLE OPERATIONS: MAINTAINING OUR STRONG SAFETY CULTURE & RECORD



Our Industry-leading Record Demonstrates the Fact That NuStar's #1 Priority is the Health and Safety of Our Workforce and Our Communities

- In 2020, as in years past, our health and safety record was substantially better than our peers
 - Over 7.5 times better than the Bureau of Labor Statistics (BLS) comparison data for the Bulk Terminals Industry
 And 2 times better than the BLS data for the Pipeline Transportation Industry
- NuStar has received the International Liquids Terminals Association's (ILTA) Safety Excellence Award 10 times, which is
- awarded based in part on OSHA safety reports
 We participate in the OSHA Voluntary Protection Program (VPP), which promotes effective worksite safety and health

 85% of our eligible U.S. terminals are VPP-certified
- We work every day of every year to prevent any releases ✓ In 2020, we released less than 0.00016% of our total barrels moved







NuStar



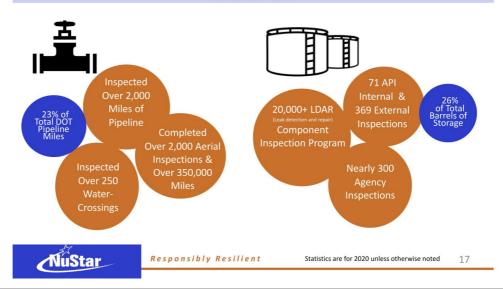




RESPONSIBLE OPERATIONS: ASSURING SAFETY AND RELIABILITY THROUGH INSPECTION



In 2020, We Continued to Execute on Our Rigorous Inspection Program
Across Our Assets



RESPONSIBLE OPERATIONS: ASSURING SAFETY AND RELIABILITY THROUGH MONITORING



NuStar Transports and Stores Energy Safely, Reliably and Efficiently Because We Monitor Every Tank and Every Mile of Pipeline, 24/7/365



- NuStar's control room operates 24 hours a day, 7 days a week, 365 days a year with state-of-the-art flow and pressure monitors
- Over 99% of our pipeline mileage is inspected with inline inspections tools and we perform other inspections on the remaining 1%
- Integrity Management for our tanks includes daily Audio, Visual and Olfactory (AVO) inspections in addition to API internal and external tank assessments
- During 2015-2020, NuStar invested over \$317 million to ensure the safety, efficiency and reliability of our assets



Responsibly Resilient

Statistics are for 2020 unless otherwise noted

RESPONSIBLE OPERATIONS: INCREASING EFFICIENCY AND LOWERING EMISSIONS



NuStar's Goal is to Reduce Emission Intensity in Relation to Volume of Product Handled as We Continue to Grow Our Operations



We are always looking for ways to optimize our systems to reduce energy use and increase

NuStar facilities meet or exceed the Clean Air Act, state air laws and their emission regulations

- Switching diesel pumps to electric and pursuing wind and solar power sources
- Upgraded to LED lighting at 60 facilities, with more to come
- Using drag reducing agent (DRA) and variable frequency drives (VFDs) on our pipelines to increase our energy efficiency
- Obtaining emission offsets for renewable fuels and other
- recovery and combustor systems many of them over 99% efficient



We are exploring further investments in lower emission and low-carbon fuels including hydrogen and renewables NuStar facilities emission permits, including for operations and modifications



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RESPONSIBLE OPERATIONS: PREPARING FOR EMERGENCIES



We Regularly Review, Audit, Update and Test Our Response Plan and Conduct Drills

- We perform joint drills and exercises with regulatory agencies and jurisdictions to ensure that our plans are robust
- We also perform internal terminal and pipeline training exercises that include:
 - ✓ Full-scale personnel
 - deployment
 ✓ Tabletop exercises
 ✓ Equipment
 - Equipment deployment
 - ✓ Unannounced preparedness exercises

Despite COVID-19 restrictions, NuStar still performed over 400 drills & exercises

We have Emergency Response Teams at key facilities

We completed more than 14,000 hours of emergency response, environmental and safety training

NuStar responded to more than 90,000 Call Before You Dig requests

811

Annual Multi-Party

NuStar team members participated in multiple stakeholder emergency exercises with over 350 participants, including several governmental agencies

These exercises enhance NuStar's ability to respond to a large-scale incident beyond the response capacity of a single region or business unit

Statistics are for 2020



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RESPONSIBLE OPERATIONS: CYBERSECURITY ACROSS THE COMPANY



As an Operator of Critical Energy Infrastructure, We Recognize the Importance of Cybersecurity, and We Have Built and Continue to Test and Improve a Robust Program to Prevent, Detect and Respond to Potential Threats

Composed of representatives from across the company, our Cyber Risk Governance Committee oversees the effectiveness of our Cybersecurity Program and reports to our Board and executive management



NuStar's Cybersecurity Program includes:

- Participation in industry and
- peer cybersecurity groups
 Vulnerability scanning, patch
 management, and
 penetration tests across our systems
- Cyber Incident Response Plan and cross-organizational tabletop exercises Regular risk assessments
- Annual cybersecurity training for all employees with 'refresher' activities throughout the year



Responsibly Resilient



Engaging Our Employees & Building Our Communities





Responsibly Resilient

OUR AWARDS & RECOGNITIONS

We Have Been Recognized for Our Safe, Responsible Operations and Our Commitment to Our Employees and Diversity

























Responsibly Resilient

COMMITTED TO NURTURING DIVERSITY



We are Focused on Assuring NuStar is a Positive, Inclusive and Rewarding Workplace With a Diverse, Representative Workforce, at Every Level, From Rank and File to Upper Management



42%

of our <u>U.S.</u>
<u>employees</u>
are women &
minorities

49%

HQ employees who are managers+ are women & minorities

of our Corporate

50%

of our <u>Senior</u> <u>Executive Team</u> are women & minorities



Responsibly Resilient

COMMITTED TO COMMUNITY ENGAGEMENT



We Invest in Our Communities: Partnering With Local Organizations and Helping to Build Safe, Vibrant Communities

- Our employees take great pride in giving back and building a brighter future for our neighbors by contributing time, talent, money and other resources to hundreds of community initiatives each year
- NuStar maintains <u>local volunteer councils</u> in each community in which we operate to contribute to the charitable and civic causes unique to that local community











Responsibly Resilient

COMMITTED TO INVESTING IN OUR EMPLOYEES



We Invest in Our Employees' Well-being and Development, and That Investment has Provided Great Returns Demonstrated by Our Low 2.5% Voluntary Turnover Rate



Voluntary Turnover Rate¹ •



 We are proud to provide our employees with one of the best health & welfare benefits packages in the industry* and other resources to support our employees' well-being

- We provide leadership and development opportunities through:
 - ✓ Clearly defined career paths
 - ✓ Professional training
 - ✓ Educational reimbursement
 - Internship program across our organization
 - ✓ Scholarships for higher education²

We provide benefits valued at 36% of an employee's salary

We believe that if you take care of the employees, the employees will take care of the company, our unitholders and our communities.

-Bill Greehey

Chairman of the Board, NuStar Energy L.P.



* According to McGriff



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COMMITTED TO INVESTING IN OUR COMMUNITIES THROUGH GIVING



We Focus on Addressing Critical Needs in Our Communities

- In 2020, 99.9% of our U.S. employees contributed to our recordbreaking United Way campaign
- Thanks to our employees' and our directors' generous gifts and our company match, we pledged a record \$4.7 million to United Way in
- Also in 2020, our pledge was the <u>highest average per capita</u> contribution in the United States



99.9% United Way participation in 2020



\$4.7MM Pledged to United Way in 2020



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COMMITTED TO FIGHTING HOMELESSNESS THROUGH OUR SUPPORT OF HAVEN FOR HOPE



Proudly Supporting the Effort to Transform the Lives of Homeless Men, Women and Children

- Bill Greehey, NuStar's Chairman of the Board, founded Haven for Hope and continues to serve as the organization's Chairman
- Haven for Hope's transformational campus provides comprehensive social services for single men and women and families with children,
 - ✓ Short-term residential housing on-campus Substance abuse and mental health
 - treatment treatment

 Employment, education and legal services

 Life-skills training

 Healthcare

 Childcare
- Each year, NuStar hosts the annual NuHope Golf Classic to support Haven
 - ✓ The tournament has raised nearly \$48 million for Haven over the past 13 years



1 – From homelessness to permanent or supportive housing



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SUSTAINABILITY & RISK MANAGEMENT



Our Board Takes a Comprehensive Approach to Oversight of Environmental, Social and Governance Matters With Accountabilities Designated Across all Board Committees



Our Board is responsible for identifying and understanding our principal business risks, including sustainability risks, and overseeing management's efforts in monitoring, managing and mitigating those risks

- Management is responsible for day-to-day assessment and management of enterprise-level risk
- The Board interfaces regularly with management and receives periodic reports that include updates on:
 - ✓ Health, safety & environmental program
- Legal matters
 ✓ Cybersecurity
 - Financial performance
 - Employee wellness
 - ✓ Diversity & inclusion
 - ✓ Community investment
- ✓ Operational results
- ✓ Internal controls
- At least once annually, the Board meets to focus on strategic planning, including identifying and addressing:
 - Strategic risks
 - ✓ Potential opportunities



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BOARD OVERSIGHT & EXECUTIVE MANAGEMENT



Our Diverse and Experienced Board of Directors Provides Effective Oversight While Our Dedicated Executives Ensure Safe Day-to-day Operations

Our Board of Directors: • Is composed of a majority of independent directors Bill Greehey, Chairman of the Board Brad Barron, President & CEO **Dan Bates** 78% **Bill Burnett** Fully Clingman Independent Dan Hill Jelynne LeBlanc-Burley Bob Munch **Grady Rosier** Bring diverse perspectives, expertise and experience from: Energy & commodities Financial & banking Technology ✓ Transportation Government Healthcare • Evaluate the Board and its committees each year • Participate in compensation, audit and nominating/governance committees comprised solely of independent directors

Our Senior Executive Team: Brad Barron, President & CEO Mary Rose Brown, EVP & CAO Danny Oliver, EVP- Business Development & Engineering Amy Perry, EVP- Strategic Development & GC Tom Shoaf, EVP & CFO Jorge del Alamo, SVP & Controller Manish Kapoor, SVP & CIO Mark Trexler, SVP- Operations & HSE



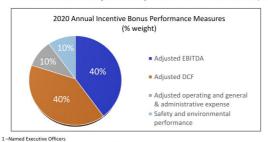
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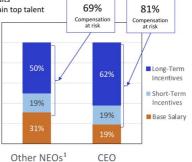
EXECUTIVE COMPENSATION



Our Executive Compensation Program is Focused on Pay-for-performance to Align NuStar's Strategic Priorities With Those of Our Investors

- Our philosophy for compensating our executive officers is based on the belief that a significant portion of executive compensation should be incentive-based and determined by both the performance of NuStar Energy, as well as each executive's individual performance
- Our executive compensation programs are designed to accomplish the following long-term objectives:
 - ✓ Increase value to unitholders, while practicing good corporate governance
 - ✓ Support our business strategy and business plan
 - ✓ Provide flexibility to respond to the continually changing environment
 - ✓ Align executive incentive compensation with short- and long-term results
 - ✓ Provide market-competitive compensation and benefits to attract/retain top talent







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OUR BOARD AND OUR EXECUTIVES ARE ALSO INVESTORS



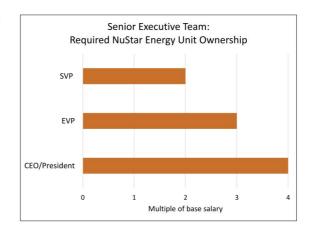
Our Board of Directors and Our Executives are Invested in NuStar's Future Through Their Ownership of NuStar Units

Our independent directors are each required to acquire and hold NuStar units with an aggregate value of

2X

their annual

cash retainer





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CONTACT INFORMATION





INVESTOR RELATIONS

(210) 918-INVR (4687) InvestorRelations@NuStarEnergy.com

CORPORATE COMMUNICATIONS

(210) 918-2314

CorporateCommunications@NuStarEnergy.com

CORPORATE SECRETARY

CorporateSecretary@NuStarEnergy.com

SUSTAINABILITY

Sustainability@NuStarEnergy.com

For additional information about corporate sustainability at NuStar, visit http://www.NuStarEnergy.com/Sustainability



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APPENDIX: RECONCILATION OF NON-GAAP FINANCIAL INFORMATION

NuStar Energy L.P. utilizes financial measures, such as earnings before interest, taxes, depreciation and amortization (EBITDA), distributable cash flow (DCF) and distribution coverage ratio, which are not defined in U.S. generally accepted accounting principles (GAAP). Management believes these financial measures provide useful information to investors and other external users of our financial information because (i) they provide additional information about the operating performance of the partnership's assets and the cash the business is generating, (ii) investors and other external users of our financial statements benefit from having access to the same financial measures being utilized by management and our board of directors when making financial, operational, compensation and planning decisions and (iii) they highlight the impact of significant rensactions. We may also adjust these measures and/or calculate them based on continuing operations, to enhance the comparability of our performance across periods.

Our board of directors and management use EBITDA and/or DCF when assessing the following: (i) the performance of our assets, (ii) the viability of potential projects, (iii) our ability to fund distributions, (iv) our ability to fund capital expenditures and (v) our ability to service debt. In addition, our board of directors uses EBITDA, DCF and a distribution coverage ratio, which is calculated based on DCF, as some of the factors in its compensation determinations. DCF is used by the master limited partnership performance. DCF is used by the MLP investment community to compare partnership performance. DCF is used by the MLP investment community, in part, because the value of a partnership part based on its yield, and its yield is based on the cash distributions a partnership can pay its

None of these financial measures are presented as an alternative to net income, or for any periods presented reflecting discontinued operations, income from continuing operations. They should not be considered in isolation or as substitutes for a measure of performance prepared in accordance with GAAP.



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APPENDIX: RECONCILATION OF NON-GAAP FINANCIAL INFORMATION (CONTINUED)

The following is a reconciliation of (loss) income from continuing operations to EBITDA from continuing operations and adjusted EBITDA from continuing operations (in thousands of dollars):

Year Ended December 31,		
2020		2019
\$ (198,983)	\$	206,834
229,054		183,070
2,663		4,754
285,101		272,924
317,835		667,582
225,000		_
34,697		-
141,746		-
 3,963		1-0
\$ 723,241	\$	667,582
\$	2020 \$ (198,983) 229,054 2,663 285,101 317,835 225,000 34,697 141,746 3,963	\$ (198,983) \$ 229,054

- (a) Represents a non-cash goodwill impairment charge related to our crude oil pipelines reporting unit.
- (b) Represents the loss on the sale of the Texas City terminals in December 2020.
- (c) This adjustment mainly represents a loss associated with the repayment of \$500.0 million outstanding on our unsecured term loan credit agreement in the third quarter of 2020.



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