NuStar Energy L.P.
Reconciliation of Non-GAAP Financial Information Related to the Quarter Ended September 30, 2017
(Unaudited, Thousands of Dollars, Except Ratio Data)

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.

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 a distribution coverage ratio, which is calculated based on DCF, as one of the factors in its determination of the company-wide bonus and the vesting of performance units awarded to management. DCF is a widely accepted financial indicator 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. They should not be considered in isolation or as substitutes for a measure of performance prepared in accordance with GAAP. For purposes of segment reporting, we do not allocate general and administrative expenses to our reported operating segments because those expenses relate primarily to the overall management at the entity level. Therefore, EBITDA reflected in the segment reconciliations exclude any allocation of general and administrative expenses consistent with our policy for determining segmental operating income, the most directly comparable GAAP measure.

1. The following is a reconciliation of EBITDA, DCF and distribution coverage ratio:

	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2017
Net income	$ 38,592	$ 122,782
Interest expense, net	45,256	127,282
Income tax expense	2,743	7,298
Depreciation and amortization expense	69,178	193,643
EBITDA	155,769	451,005
Interest expense, net	(45,256)	(127,282)
Reliability capital expenditures	(14,798)	(30,200)
Income tax expense	(2,743)	(7,298)
Mark-to-market impact of hedge transactions (a)	497	(2,652)
Unit-based compensation (b)	1,622	5,328
Preferred unit distributions	(12,153)	(26,916)
Other items (c)	(2,750)	(4,119)
DCF	$ 80,188	$ 257,866
Less DCF available to general partner	13,214	41,683
DCF available to common limited partners	$ 66,974	$ 216,183
Distributions applicable to common limited partners	$ 101,870	$ 305,652
Distribution coverage ratio (d)	0.66x	0.71x

Notes on following page.

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(a) DCF excludes the impact of unrealized mark-to-market gains and losses that arise from valuing certain derivative contracts, as well as the associated hedged inventory. The gain or loss associated with these contracts is realized in DCF when the contracts are settled.

(b) In connection with the employee transfer from NuStar GP, LLC on March 1, 2016, we assumed obligations related to awards issued under a long-term incentive plan, and we intend to satisfy the vestings of 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) Other items primarily consist of adjustments for throughput deficiency payments and construction reimbursements.

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

2. The following is a reconciliation of projected net income to projected EBITDA:

	Year Ended December 31, 2017		Year Ended December 31, 2018
	Current Guidance	***Previous Guidance***	
Projected net income	$ 140,000 - 170,000	$ 160,000 - 190,000	$ 195,000 - 225,000
Projected interest expense, net	170,000 - 175,000	170,000 - 175,000	180,000 - 185,000
Projected income tax expense	5,000 - 10,000	10,000 - 15,000	5,000 - 10,000
Projected depreciation and amortization expense	260,000 - 270,000	260,000 - 270,000	295,000 - 305,000
Projected EBITDA	$ 575,000 - 625,000	$ 600,000 - 650,000	$ 675,000 - 725,000

3. The following are reconciliations of operating income to EBITDA for our reported segments:

	Three Months Ended September 30, 2017		
	Pipeline	Storage	Fuels Marketing
Operating income	$ 61,119	$ 59,323	$ (1,532)
Depreciation and amortization expense	34,844	32,145	—
EBITDA	$ 95,963	$ 91,468	$ (1,532)

	Three Months Ended September 30, 2016		
	Pipeline	Storage	Fuels Marketing
Operating income	$ 58,922	$ 58,420	$ (337)
Depreciation and amortization expense	22,228	29,625	—
EBITDA	$ 81,150	$ 88,045	$ (337)
Increase (decrease) in EBITDA	$ 14,813	$ 3,423	$ (1,195)

4. The following is a reconciliation of operating income to EBITDA for the Permian Crude System:

	Three Months Ended September 30, 2017
Operating income	$ 1,050
Depreciation and amortization expense	11,005
EBITDA	$ 12,055

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5. The following is the non-GAAP reconciliation for the calculation of our Consolidated Debt Coverage Ratio, as defined in our $1.75 billion revolving credit agreement (the Revolving Credit Agreement):

		For the Four Quarters Ended September 30, 2017
Net income	$	111,726
Interest expense, net		162,258
Income tax expense		9,978
Depreciation and amortization expense		249,640
EBITDA		533,602
Other expense (a)		63,671
Equity awards (b)		10,196
Mark-to-market impact on hedge transactions (c)		1,173
Pro forma effect of acquisitions (d)		56,006
Material project adjustments (e)		12,143
Consolidated EBITDA, as defined in the Revolving Credit Agreement	$	676,791
Total consolidated debt	$	3,660,479
NuStar Logistics' 7.625% fixed-to-floating rate subordinated notes		(402,500)
Proceeds held in escrow associated with the Gulf Opportunity Zone Revenue Bonds		(41,476)
Consolidated Debt, as defined in the Revolving Credit Agreement	$	3,216,503
Consolidated Debt Coverage Ratio (Consolidated Debt to Consolidated EBITDA)		4.8x

(a) This adjustment consists mainly of a $58.7 million non-cash impairment charge on the Axeon term loan in the fourth quarter of 2016.

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

(c) This adjustment represents the unrealized mark-to-market gains and losses that arise from valuing certain derivative contracts, as well as the associated hedged inventory. The gain or loss associated with these contracts is realized in net income when the contracts are settled.

(d) This adjustment represents the pro forma effects of the Martin Terminal Acquisition and the Navigator Acquisition as if we had completed the acquisitions on January 1, 2016.

(e) This adjustment represents the percentage of the projected Consolidated EBITDA attributable to any Material Project, as defined in the Revolving Credit Agreement, based on the current completion percentage.