

Petronet LNG

Estimate change
TP change
Rating change

Motilal Oswal values your support in the Asiamoney Brokers Poll 2021 for India Research, Sales, Corporate Access and Trading team. We request your ballot.



Bloomberg	PLNG IN
Equity Shares (m)	1,500
M.Cap.(INRb)/(USDb)	342.8 / 4.7
52-Week Range (INR)	275 / 201
1, 6, 12 Rel. Per (%)	-11/-24/-64
12M Avg Val (INR M)	1123

Financials & Valuations (INR b)

Y/E March	2021	2022E	2023E
Sales	260.2	363.9	444.7
EBITDA	47.0	46.9	53.8
Adj. PAT	29.5	29.8	35.0
Adj. EPS (INR)	19.7	19.9	23.4
EPS Gr. (%)	6.5	1.2	17.4
BV/Sh.(INR)	77.7	85.6	95.0
Ratios			
Net D:E	-0.1	-0.2	-0.3
RoE (%)	26.1	24.4	25.9
RoCE (%)	21.6	21.0	23.3
Payout (%)	58.5	60.0	60.0
Valuations			
P/E (x)	11.6	11.5	9.8
P/BV (x)	2.9	2.7	2.4
EV/EBITDA (x)	7.1	6.7	5.6
Div. Yield (%)	5.0	5.2	6.1
FCF Yield (%)	10.2	10.9	10.9

Shareholding pattern (%)

As On	Mar-21	Dec-20	Mar-20
Promoter	50.0	50.0	50.0
DII	6.3	7.0	7.8
FII	30.5	29.5	29.3
Others	13.2	13.5	12.9

FII Includes depository receipts

Operational fundamentals remain unchanged; capex high on aspirations

TP: INR310 (+36%)

- PLNG numbers were largely in line with our estimate, with volumes (at 218Tbtu) and utilization rates (Dahej/Kochi at 92%/22%) flat YoY in 4QFY21.
- The second COVID wave and higher spot LNG prices have proved to be a double whammy for the company, with spot cargoes being deferred due to lower consumption. Dahej/Kochi is operating at a utilization rate of ~88%/~22% in 1QFY22 till date.
- The management expects Kochi utilization rate to ramp up by ~30% by the end of FY22 (earlier guidance of ~40%), while Dahej would continue to operate at over 95% owing to tied up contracts (16.5mmtpa of 17.5mmtpa).
- Factoring in the aforementioned, we lower our FY22E EPS by 8%, while keeping our FY23E EPS unchanged. PLNG has raised tariffs by 5% at both Dahej and Kochi terminals (now at INR54.3/INR83.1 per mmbtu). Kochi tariff negotiations are still ongoing and tariffs may be reduced if commitment for commensurate offtake is provided by consumers.
- Capex guidance for FY22/FY23 stands at INR5.3b/INR10b, with committed capex of INR41b over the next 3-4 years. This committed capex is for the already announced plans at Dahej to set up two additional tanks (capex of INR13b), an additional jetty (INR17b), and capacity expansion by 5mmtpa (INR11b) to 22.5mmtpa.
- Apart from this, the management also spoke about various prospective capex plans, which are currently under evaluation like setting up of 1,000 LCNG stations (INR80b), a biogas plant (INR40b), an additional tank in Kochi (INR7b), and an LNG terminal on the east coast (INR16b).
- Of the aforementioned prospective capex, the latter would still be possible in the near term. Both biogas and LNG retailing appear aspirational towards India's larger vision of a greener economy.

In line numbers for 4QFY21

CMP: INR229

- EBITDA came in line with our estimate at INR10.9b (+56% YoY due to higher opex in 4QFY20). Other expense includes INR180m/INR560m on account of Ind AS losses/CSR provision, while trading loss stood at INR40m. PAT stood at INR6.2b (16% lower than our estimate due to lower other income).
- Total volumes stood at 218Tbtu (flat YoY, -7% QoQ).
- Dahej volumes stood at 204Tbtu, with the utilization rate at 92% (flat YoY).
- Kochi volumes stood at 14Tbtu, with the utilization rate at 22% (flat YoY).
- Volumes were down a mere 3% at 897Tbtu in FY21, despite the impact from COVID-19. Utilization in Dahej/Kochi stood at 96%/19% (v/s 104%/17% in FY20). EBITDA rose 18% YoY to INR47b due to one-offs (inventory and trading gains). PAT rose 9% YoY to INR29.5b.
- The company announced a final dividend of INR3.5/share (in addition to an interim dividend of INR8) totaling INR11.5/share. **This translates to a dividend payout of ~60% and a dividend yield of 5% for FY21.** We expect the dividend payout to be in the current range (~60%) going forward.

Swarnendu Bhushan- Research Analyst (Swarnendu.Bhushan@MotilalOswal.com)

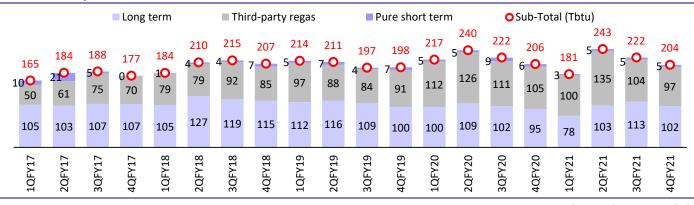
Sarfraz Bhimani - Research Analyst (Sarfraz.Bhimani@MotilalOswal.com)

Valuation and view

- Gas consumption in India is expected to rise by 8-10% CAGR over the next five years as gas availability increases. Upcoming pipelines like Jagdishpur-Haldia, North East grid, and Mehsana-Bhatinda pipeline will connect more consumers, thereby supporting consumption. We are positive on the company as the market share of gas in the primary energy mix is a meager 6% and is expected to double by CY30 (primarily from development of new CGDs and increased consumption by Fertilizer and refining/petchem plants).
- Upcoming LNG terminals like that of H-Energy and Swan, or even incremental domestic gas, is not expected to impact Dahej utilization as most of its capacity is tied up for the long term. Dahej remains the cheapest import terminal in India, with a tariff of ~INR54/mmBtu. Its capacity is expanding to 22.5mmtpa over the next 3-4 years, assuaging long-term growth concerns.
- Currently, ~0.8mmsmcd of additional gas (~0.4mmscmd each by MCFL/OMPL) is flowing from the Kochi terminal. MRPL's peak volume offtake could be ~2mmscmd. The management expects the Kochi terminal to achieve utilization of ~30%/~50% in FY22/over the next two years, with the completion of Kochi-Bengaluru pipeline (9-11 CGDs and as other industrial units get connected).
- The aforementioned calculation for volume growth would translate to 7-9% EBITDA/PAT CAGR over FY21-23E. The stock trades at 9.8x FY23E EPS of INR23.4 and 5.6x FY23E EV/EBITDA. We value PLNG on a DCF basis to arrive at a fair value of INR310. Reiterate Buy.

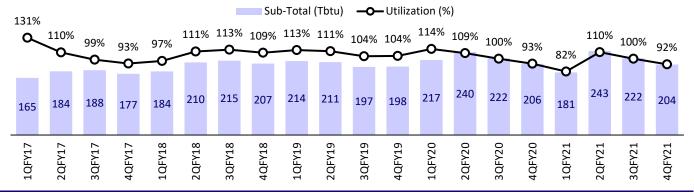
Y/E March		FY20)			FY:	21		FY20	FY21	FY21E	Var.
.,	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q			4QE	
Net Sales	86,134	93,612	89,102	85,672	48,836	62,358	73,282	75,753	3,54,520	2,60,229	1,02,416	-26%
YoY Change (%)	-6.1	-12.9	-11.8	2.2	-43.3	-33.4	-17.8	-11.6	-7.7	-26.6	19.5	
EBITDA	10,239	11,605	11,076	6,975	9,099	13,632	13,353	10,911	39,895	46,995	11,495	-5%
Margin (%)	11.9	12.4	12.4	8.1	18.6	21.9	18.2	14.4	11.3	18.1	11.2	
Depreciation	1,899	1,960	1,960	1,942	1,936	1,952	1,925	2,028	7,761	7,841	1,986	2%
Interest	1,005	1,051	940	1,035	881	850	815	813	4,032	3,360	823	-1%
Other Income	1,044	975	842	865	684	1,596	1,111	492	3,726	3,882	1,213	-59%
Extra-Ord. expense	0	721	0	0	0	0	0	0	721	0	0	
PBT	8,379	8,848	9,017	4,863	6,966	12,426	11,724	8,561	31,107	39,677	9,899	-14%
Rate (%)	33.1	-24.7	25.1	26.2	25.3	25.4	25.1	27.2	13.3	25.7	25.1	
Reported PAT	5,603	11,031	6,752	3,590	5,202	9,273	8,785	6,234	26,976	29,494	7,418	-16%
Adj. PAT	5,603	11,752	6,752	3,590	5,202	9,273	8,785	6,234	27,697	29,494	7,418	-16%
YoY Change (%)	-4.5	108.8	19.4	-18.4	-7.1	-21.1	30.1	73.6	28.5	6.5	106.6	
Margin (%)	6.5	12.6	7.6	4.2	10.7	14.9	12.0	8.2	7.8	11.3	7.2	
Key Assumptions												
Total Volumes (Tbtu)	226.0	250.0	233.0	219.0	190.0	254.0	235.0	218.0	928.0	897.0	231.5	-6%
Dahej utilization (%)	114%	109%	100%	93%	82%	110%	100%	92%			98%	
Kochi utilization (%)	14%	16%	17%	21%	14%	17%	21%	22%			24%	

Exhibit 1: Dahej total volume at 204Tbtu, flat YoY, but down 7% QoQ



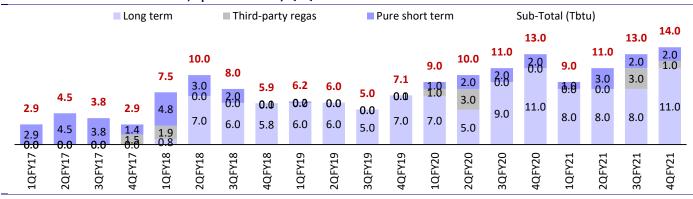
Source: Company, MOFSL

Exhibit 2: Dahej terminal utilization at 92% in 4QFY21



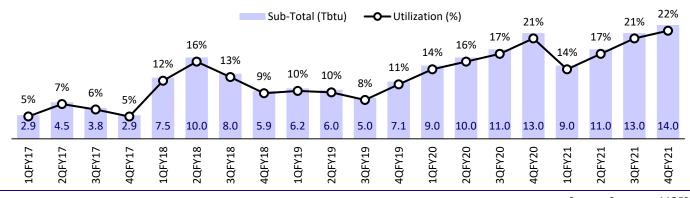
Source: Company, MOFSL

Exhibit 3: Kochi volume at 14Tbtu, up 8% each YoY/QoQ



Source: Company, MOFSL

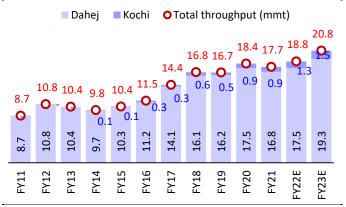
Exhibit 4: Kochi terminal utilization at 22% in 4QFY21



Source: Company, MOFSL

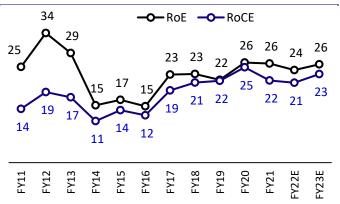
Story in charts

Exhibit 5: Volume growth led by capacity ramp-up



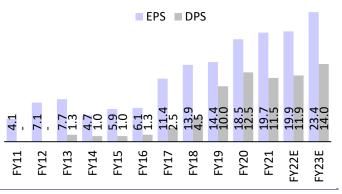
Source: Company, MOFSL

Exhibit 6: Return ratios stable



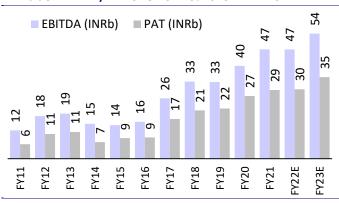
Source: Company, MOFSL

Exhibit 7: Payout to remain strong (60%) over FY22-23E



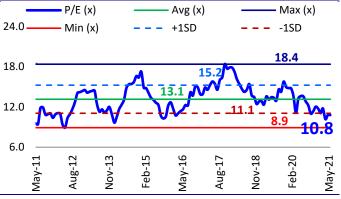
Source: Company, MOFSL

Exhibit 8: EBITDA/PAT CAGR of 7-9% over FY21-23E



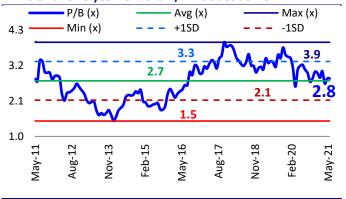
Source: Company, MOFSL

Exhibit 9: One-year forward P/E – trades at 10.8x



Source: Company, MOFSL

Exhibit 10: One-year forward P/B - trades at 2.8x



Source: Company, MOFSL

Financials and valuations

Standalone Income Statement								(INR m)
Y/E March	FY16	FY17	FY18	FY19	FY20	FY21	FY22E	FY23E
Total Income from Operations	2,71,334	2,46,160	3,05,986	3,83,954	3,54,520	2,60,229	3,63,856	4,44,664
Change (%)	-31.3	-9.3	24.3	25.5	-7.7	-26.6	39.8	22.2
EBITDA	15,863	25,923	33,124	32,935	39,895	46,995	46,947	53,763
Margin (%)	5.8	10.5	10.8	8.6	11.3	18.1	12.9	12.1
Depreciation	3,216	3,691	4,117	4,112	7,761	7,841	8,087	8,463
EBIT	12,647	22,232	29,007	28,822	32,134	39,155	38,860	45,300
Int. and Finance Charges	2,388	2,097	1,630	989	4,032	3,360	3,010	2,890
Other Income	1,733	3,466	3,174	4,503	3,726	3,882	4,047	4,434
PBT bef. EO Exp.	11,992	23,602	30,551	32,336	31,827	39,677	39,896	46,844
EO Items	0	0	0	0	-721	0	0	0
PBT after EO Exp.	11,992	23,602	30,551	32,336	31,107	39,677	39,896	46,844
Total Tax	2,860	6,545	9,773	10,782	4,131	10,183	10,054	11,805
Tax Rate (%)	23.8	27.7	32.0	33.3	13.3	25.7	25.2	25.2
Reported PAT	9,133	17,057	20,779	21,554	26,976	29,494	29,843	35,039
Adjusted PAT	9,133	17,057	20,779	21,554	27,697	29,494	29,843	35,039
Change (%)	3.5	86.8	21.8	3.7	28.5	6.5	1.2	17.4
Margin (%)	3.4	6.9	6.8	5.6	7.8	11.3	8.2	7.9

Standalone Balance Sheet								(INR m)
Y/E March	FY16	FY17	FY18	FY19	FY20	FY21	FY22E	FY23E
Equity Share Capital	7,500	7,500	15,000	15,000	15,000	15,000	15,000	15,000
Total Reserves	58,640	73,439	82,205	85,661	94,530	1,01,495	1,13,432	1,27,448
Net Worth	66,140	80,939	97,205	1,00,661	1,09,530	1,16,495	1,28,432	1,42,448
Total Loans	26,146	22,180	7,334	1,012	36,529	33,447	26,757	21,406
Deferred Tax Liabilities	5,886	7,302	10,482	13,360	8,883	8,806	8,806	8,806
Capital Employed	98,171	1,10,421	1,15,021	1,15,033	1,54,942	1,58,747	1,63,995	1,72,659
Gross Block	71,321	91,134	91,316	91,783	99,860	1,03,544	1,06,248	1,13,289
Less: Accum. Deprn.	3,216	6,903	11,020	15,132	22,894	30,734	38,822	47,284
Net Fixed Assets	68,105	84,230	80,296	76,651	76,967	72,810	67,427	66,005
Capital WIP	15,505	486	2,203	3,482	47	255	2,551	5,510
Total Investments	900	29,351	41,223	9,893	38,406	45,817	45,817	45,817
Curr. Assets, Loans and Adv.	39,751	24,224	32,815	60,823	71,570	70,445	90,956	1,07,579
Inventory	2,461	5,405	4,911	5,694	4,809	3,372	4,715	5,762
Account Receivables	9,885	12,108	16,505	14,335	16,427	19,108	26,717	32,650
Cash and Bank Balance	21,829	3,273	8,625	29,603	44,320	43,423	53,175	61,407
Cash	21,767	3,210	7,043	2,266	9,760	8,483	18,235	26,467
Bank Balance	62	64	1,582	27,337	34,560	34,930	34,930	34,930
Loans and Advances	5,576	3,438	2,774	11,190	6,014	4,541	6,350	7,760
Curr. Liability and Prov.	26,090	27,870	41,517	35,815	32,048	30,579	42,756	52,252
Account Payables	8,695	9,952	15,699	12,952	11,661	10,355	14,478	17,693
Other Current Liabilities	17,241	17,758	25,619	22,585	20,057	19,241	26,904	32,879
Provisions	155	160	199	278	330	983	1,375	1,680
Net Current Assets	13,661	-3,646	-8,702	25,007	39,522	39,866	48,200	55,327
Appl. of Funds	98,171	1,10,421	1,15,021	1,15,033	1,54,942	1,58,747	1,63,995	1,72,659

E: MOFSL estimates

Financials and valuations

Ratios								
Y/E March	FY16	FY17	FY18	FY19	FY20	FY21	FY22E	FY23E
EPS	6.1	11.4	13.9	14.4	18.5	19.7	19.9	23.4
Cash EPS	8.2	13.8	16.6	17.1	23.6	24.9	25.3	29.0
BV/Share	44.1	54.0	64.8	67.1	73.0	77.7	85.6	95.0
DPS	1.3	2.5	4.5	10.0	12.5	11.5	11.9	14.0
Payout (%)	23.9	25.7	38.0	74.9	73.8	58.5	60.0	60.0
Valuation (x)								
P/E	37.5	20.1	16.5	15.9	12.4	11.6	11.5	9.8
Cash P/E	27.8	16.5	13.8	13.4	9.7	9.2	9.0	7.9
P/BV	5.2	4.2	3.5	3.4	3.1	2.9	2.7	2.4
EV/Sales	1.3	1.5	1.1	0.8	0.9	1.3	0.9	0.7
EV/EBITDA	21.9	14.0	10.3	9.5	8.4	7.1	6.7	5.6
Dividend Yield (%)	0.5	1.1	2.0	4.4	5.5	5.0	5.2	6.1
FCF per share	16.0	10.1	18.8	13.2	21.7	23.2	24.9	25.0
Return Ratios (%)								
RoE	14.8	23.2	23.3	21.8	26.4	26.1	24.4	25.9
RoCE	12.5	19.0	21.1	21.5	25.1	21.6	21.0	23.3
RoIC	13.9	23.4	28.1	28.5	38.6	41.2	44.1	55.4
Working Capital Ratios								
Fixed Asset Turnover (x)	3.8	2.7	3.4	4.2	3.6	2.5	3.4	3.9
Asset Turnover (x)	2.8	2.2	2.7	3.3	2.3	1.6	2.2	2.6
Inventory (Days)	3	8	6	5	5	5	5	5
Debtor (Days)	13	18	20	14	17	27	27	27
Creditor (Days)	12	15	19	12	12	15	15	15
Leverage Ratio (x)								
Current Ratio	1.5	0.9	0.8	1.7	2.2	2.3	2.1	2.1
Interest Coverage Ratio	5.3	10.6	17.8	29.1	8.0	11.7	12.9	15.7
Net Debt/Equity	0.1	0.2	0.0	-0.3	-0.1	-0.1	-0.2	-0.3
Standalone Cash Flow Statement								(INR m)
Y/E March	FY16	FY17	FY18	FY19	FY20	FY21	FY22E	FY23E
OP/(Loss) before Tax	11,992	23,602	30,551	32,336	31,107	39,677	39,896	46,844
Depreciation	3,216	3,691	4,117	4,112	7,761	7,841	8,087	8,463
Direct Taxes Paid	-1,997	-3,780	-6,968	-8,133	-4,745	-9,949	-10,054	-11,805
(Inc.)/Dec. in Wkg. Capital	19,340	-3,273	2,947	-4,522	-3,964	-1,746	1,417	1,105
Others	-1,198	-1,661	-2,320	-3,368	-729	-3,590	-4,047	-4,434
CF from Op. Activity	33,740	20,675	29,956	21,414	33,462	35,592	42,357	47,496
(Inc.)/Dec. in FA and CWIP	-9,724	-5,460	-1,753	-1,628	-889	-728	-5,000	-10,000
Free Cash Flow	24,016	15,216	28,204	19,787	32,573	34,864	37,357	37,496
(Pur.)/Sale of Investments	941	-25,745	-9,508	33,167	-3,273	-11,586	0	0
Others	246	-547	-1,515	-32,255	944	3,041	0	0
CF from Inv. Activity	-8,538	-31,751	-12,776	-716	-3,218	-9,273	-5,000	-10,000
Inc./(Dec.) in Debt	-2,803	-3,128	-7,052	-6,202	-138	-368	-6,689	-5,351
Dividends Paid (incl. tax)	-1,805	-2,256	-4,513	-18,083	-8,138	-22,452	-17,906	-21,023
CF from Fin. Activity	-6,994	-7,481	-13,347	-25,476	-22,749	-27,596	-27,605	-29,265
Inc. /(Dec.) in Cash	18,209	-18,557	3,834	-4,778	7,495	-1,277	9,752	8,232
Add: Opening Balance	3,558	21,767	3,210	7,043	2,266	9,760	8,483	18,235
	2,220	,	-,3	. ,	_,	- ,	-,	_5,_55

Closing Balance
E: MOFSL estimates

10 June 2021 6

3,210

7,043

2,265

9,760

8,483

18,235

26,467

21,767

Explanation of Investment Rating					
Investment Rating	Expected return (over 12-month)				
BUY	>=15%				
SELL	<-10%				
NEUTRAL	< - 10 % to 15%				
UNDER REVIEW	Rating may undergo a change				
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation				

*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Investment Advisory Services, Depository participant services & distribution of various financial products. MOFSL is a subsidiary company of Passionate Investment Management Pvt. Ltd.. (PIMPL). MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf

MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report

MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

A graph of daily closing prices of securities is available at www.nseindia.com, www.nseindi MOFSL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions.

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

For U.S.

Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets Singapore Pte Ltd ("MOCMSPL") (Co.Reg. NO. 201129401Z) which is a holder of a capital markets services license and an exempt financial adviser in Singapore As per the approved agreement under Paragraph 9 of Third Schedule of Securities and Futures Act (CAP 289) and Paragraph 11 of First Schedule of Financial Advisors Act (CAP 110) provided to MOCMSPL by Monetary Authority of Singapore. Persons in Singapore should contact MOCMSPL in respect of any matter arising from, or in connection with this report/publication/communication. This report is distributed solely to persons who qualify as "Institutional Investors", of which some of whom may consist of "accredited" institutional investors as defined in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Accordingly, if a Singapore person is not or ceases to be such an institutional investor, such Singapore Person must immediately discontinue any use of this Report and inform MOCMSPL.

Specific Disclosures

- MOFSL, Research Analyst and/or his relatives does not have financial interest in the subject company, as they do not have equity holdings in the subject company.
- MOFSL, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company
- MOFSL, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months
- MOFSL, Research Analyst and/or his relatives do not have material conflict of interest in the subject company at the time of publication of research report
- Research Analyst has not served as director/officer/employee in the subject company MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- MOFSL has not received compensation for investment banking/ merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received any compensation or other benefits from third party in connection with the research report
- 10 MOFSL has not engaged in market making activity for the subject company

10 June 2021

The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company
- received compensation/other benefits from the subject company in the past 12 months
- other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.
- acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)
- received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.

The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, it does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Terms & Conditions:

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

Disclaimer:

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 71934200/ 022-71934263; Website www.motilaloswal.com. CIN no.: L67190MH2005PLC153397.Correspondence Office Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad(West), Mumbai-400 064. Tel No: 022 7188 1000.

Registration Nos.: Motilal Oswal Financial Services Limited (MOFSL)*: INZ000158836(BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412. AMFI: ARN - 146822; Investment Adviser: INA000007100; Insurance Corporate Agent: CA0579;PMS:INP000006712. Motilal Oswal Asset Management Company Ltd. (MOAMC): PMS (Registration No.: INP000000670); PMS and Mutual Funds are offered through MOAMC which is group company of MOFSL. Motilal Oswal Wealth Management Ltd. (MOWML): PMS (Registration No.: INP000004409) is offered through MOWML, which is a group company of MOFSL. Motilal Oswal Financial Services Limited is a distributor of Mutual Funds, PMS, Fixed Deposit, Bond, NCDs,Insurance Products and IPOs.Real Estate is offered through Motilal Oswal Real Estate Investment Advisors II Pvt. Ltd. which is a group company of MOFSL. Private Equity is offered through Motilal Oswal Private Equity Investment Advisors Pvt. Ltd which is a group company of MOFSL. Research & Advisory services is backed by proper research. Please read the Risk Disclosure Document prescribed by the Stock Exchanges carefully before investing. There is no assurance or guarantee of the returns. Investment in securities market is subject to market risk, read all the related documents carefully before investing. Details of Compliance Officer: Name: Neeraj Agarwal, Email ID: na@motilaloswal.com, Contact No::022-71881085.

* MOSL has been amalgamated with Motilal Oswal Financial Services Limited (MOFSL) w.e.f August 21, 2018 pursuant to order dated July 30, 2018 issued by Hon'ble National Company Law Tribunal, Mumbai Bench.