CESC

Estimate change	
TP change	
Rating change	\longleftrightarrow

Bloomberg	CESC IN
Equity Shares (m)	133
M.Cap.(INRb)/(USDb)	81.6 / 1.1
52-Week Range (INR)	855 / 366
1, 6, 12 Rel. Per (%)	5/1/-25
12M Avg Val (INR M)	316

Financials & Valuations (INR b)

Y/E MARCH	2020	2021 E	2022E
Sales	110.1	98.5	110.5
EBITDA	35.4	30.2	33.3
Adj. PAT	13.0	9.6	12.9
EBITDA Margin (%)	32.1	30.6	30.2
Cons. Adj. EPS (INR)	97.7	71.8	97.0
EPS Gr. (%)	10.0	-26.5	35.0
BV/Sh. (INR)	722.7	771.5	842.5
Ratios			
Net D:E	1.3	1.1	0.9
RoE (%)	14.0	9.6	12.0
RoCE (%)	9.4	7.8	8.7
Payout (%)	20.5	32.0	26.8
Valuations			
P/E (x)	6.3	8.6	6.3
P/BV (x)	0.9	0.8	0.7
EV/EBITDA(x)	5.8	6.5	5.6
Div. Yield (%)	3.3	3.7	4.2
FCF Yield (%)	27.6	28.1	28.5

Shareholding pattern (%)

As On	Jun-20	Mar-20	Jun-19			
Promoter	49.9	49.9	49.9			
DII	23.8	22.8	24.0			
FII	17.9	18.5	16.0			
Others	8.4	8.8	10.1			
FII Includes depository receipts						

CMP: INR615TP: INR760 (+24%)S/A impacted by lower volumes

Buy

S/A impacted by lower demand; performance at Dhariwal improves

- CESC's 1Q results highlight the impact of lower volumes on the S/A business. S/A PAT declined sharply by 38% YoY, resulting in a miss on our estimates (29% miss). Consol. PAT, on the other hand, declined 15% YoY, partly supported by a better performance at Dhariwal.
- While a muted power demand environment has impacted profitability in the near term, the longer term story remains intact. Performances at Dhariwal and distribution franchises (DFs) continue to improve. Despite factoring the tightening of norms at Haldia and S/A, the stock trades attractively at 7x FY21 P/E. Maintain Buy, with TP of INR760/sh.

S/A profitability impacted by decline in volumes

- S/A PAT declined ~38% YoY to INR1.3b (29% below our estimate of INR1.9b). This was largely on account of decline in sales volumes (-31% YoY) to 2.1BU. This, given the lack of a revised tariff order, impacted efficiency gains, in our view.
- Consolidated PAT decreased ~15% YoY to INR2.0b in the quarter, partly supported by an improved performance at Dhariwal.

Dhariwal improves on new PPA, coal cess pass-through

- Dhariwal reported profit of INR240m (v/s loss of ~INR240m in 1QFY20) on account of a new PPA signed and the pass-through of higher coal cess in tariff. Dhariwal had signed a 185MW PPA with Maharashtra in 3QFY20, and the same has been extended up to 31st Oct'20.
- Losses at DFs in Rajasthan declined to INR330m in 1QFY21, from INR530m in 1QFY20, despite lower demand. The co.'s recently acquired Malegaon DF reported loss of INR310m in 1QFY21 due to collection issues.
- Profits at Haldia improved to INR850m in 1QFY21, v/s INR760m in 1QFY20, owing to O&M savings. Profits at Crescent and Surya increased to INR120m in 1QFY21 v/s INR30m in 1QFY20.

Strong FCF generation; maintain Buy

- Subdued power demand would impact the profitability of CESC's businesses in the near term. However, the medium-term story remains intact. Dhariwal's 170MW PPA with Maharashtra from Nov'19 has been extended for another six months. The performances of its DFs should improve as the co. gains a better understanding of the circles and leverages from its experience in Kolkata.
- CESC's existing Distribution business has high RoE and delivers steady growth. Generation assets generate healthy FCF. The stock trades at an attractive ~6x FY22E P/E, even as earnings visibility at Dhariwal improves, and factoring the tightening of norms at Haldia and S/A.
- Untied generation capacity and the scale-up of DFs have the potential to boost earnings. We value the stock at 9x 1yr forward P/E. Maintain Buy, with TP of INR760/sh.

Aniket Mittal - Research Analyst (Aniket.Mittal@MotilalOswal.com)

Investors are advised to refer through important disclosures made at the last page of the Research Report. Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.

MOTILAL OSWAL

Quarterly performance (standalone) – INR m

Y/E March		FY2	0			FY2	1		FY20	FY21E	FY21	Var.
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE			1QE	(%)
Sales	23,590	22,460	16,480	15,830	15,850	19,787	15,719	21,876	78,359	73,232	20,566	-23
EBITDA	4,420	4,630	2,770	2,510	2,280	4,752	4,101	7,670	14,328	18,803	4,484	-49
Change (%)	-10.9	-9.4	37.1	67.3	-48.4	2.6	48.1	205.6	5.5	31.2	1.5	
As of % Sales	18.7	20.6	16.8	15.9	14.4	24.0	26.1	35.1	18.3	25.7	21.8	
Depreciation	1,090	1,080	1,100	1,210	1,170	1,130	1,151	1,233	4,477	4,683	1,140	3
Interest	1,300	1,270	1,170	1,700	1,360	1,248	1,150	1,590	5,442	5,348	1,277	6
Other Income	230	450	290	490	340	451	290	380	1,459	1,461	230	48
Regulatory (inc)/exp	-500	-480	-1,350	-2,970	-1,450	0	0	0	-5,319	0	0	
PBT	2,760	3,210	2,140	3,060	1,540	2,825	2,091	5,227	11,186	10,233	2,297	-33
Тах	590	460	380	560	200	508	376	680	2,009	1,842	413	
Effective Tax Rate (%)	21.4	14.3	17.8	18.3	13.0	18.0	18.0	13.0	18.0	18.0	18.0	
Reported PAT	2,170	2,750	1,760	2,500	1,340	2,316	1,715	4,547	9,178	8,391	1,883	-29
Adjusted PAT	2,170	2,750	1,760	2,500	1,340	2,316	1,715	4,547	9,178	8,391	1,883	-29
Change (%)	17.9	1.5	1.7	-19.1	-38.2	-15.8	-2.6	81.9	-2.0	-8.6	-13.2	

Source: Company, MOFSL

Exhibit 1: Standalone – operating metrics

	1QFY19	2QFY19	3QFY19	4QFY19	1QFY20	2QFY20	3QFY20	4QFY20	1QFY21
MU	2,840	2,873	2,113	2,291	3,057	2,923	2,119	2,107	2,118
%	-0.5	4.1	-9.9	-4.3	7.6	1.7	0.3	-8.0	-30.7
INR/kWh	7.6	7.7	8.1	7.3	7.7	7.7	7.8	7.5	7.5
%	9.7	9.7	9.8	7.7	9.0	9.0	9.0	8.8	8.5
MU	1,709	1,732	1,364	1,494	1,718	1,713	1,224	1,483	1,329
%	-1.6	-0.3	0.5	-0.8	0.5	-1.1	-10.3	-0.7	-22.6
INR/kWh	2.3	2.5	2.5	2.6	2.7	2.7	2.4	2.3	2.5
MU	1,608	1,603	1,327	1,043	1,774	1,657	1,267	933	1,091
INR/kWh	5.2	5.1	5.6	5.7	5.0	5.1	5.3	6.0	5.7
	% INR/kWh % MU % INR/kWh MU	MU 2,840 % -0.5 INR/kWh 7.6 % 9.7 MU 1,709 % -1.6 INR/kWh 2.3 MU 1,608	MU 2,840 2,873 % -0.5 4.1 INR/kWh 7.6 7.7 % 9.7 9.7 MU 1,709 1,732 % -1.6 -0.3 INR/kWh 2.3 2.5 MU 1,608 1,603	MU 2,840 2,873 2,113 % -0.5 4.1 -9.9 INR/kWh 7.6 7.7 8.1 % 9.7 9.7 9.8 MU 1,709 1,732 1,364 % -1.6 -0.3 0.5 INR/kWh 2.3 2.5 2.5 MU 1,608 1,603 1,327	MU 2,840 2,873 2,113 2,291 % -0.5 4.1 -9.9 -4.3 INR/kWh 7.6 7.7 8.1 7.3 % 9.7 9.7 9.8 7.7 MU 1,709 1,732 1,364 1,494 % -1.6 -0.3 0.5 -0.8 INR/kWh 2.3 2.5 2.5 2.6 MU 1,608 1,603 1,327 1,043	MU 2,840 2,873 2,113 2,291 3,057 % -0.5 4.1 -9.9 -4.3 7.6 INR/kWh 7.6 7.7 8.1 7.3 7.7 % 9.7 9.7 9.8 7.7 9.0 MU 1,709 1,732 1,364 1,494 1,718 % -1.6 -0.3 0.5 -0.8 0.5 INR/kWh 2.3 2.5 2.5 2.6 2.7 MU 1,608 1,603 1,327 1,043 1,774	MU 2,840 2,873 2,113 2,291 3,057 2,923 % -0.5 4.1 -9.9 -4.3 7.6 1.7 INR/kWh 7.6 7.7 8.1 7.3 7.7 7.7 % 9.7 9.7 9.8 7.7 9.0 9.0 MU 1,709 1,732 1,364 1,494 1,718 1,713 % -1.6 -0.3 0.5 -0.8 0.5 -1.1 INR/kWh 2.3 2.5 2.5 2.6 2.7 2.7 MU 1,608 1,603 1,327 1,043 1,774 1,657	MU 2,840 2,873 2,113 2,291 3,057 2,923 2,119 % -0.5 4.1 -9.9 -4.3 7.6 1.7 0.3 INR/kWh 7.6 7.7 8.1 7.3 7.7 7.7 7.8 % 9.7 9.7 9.8 7.7 9.0 9.0 9.0 MU 1,709 1,732 1,364 1,494 1,718 1,713 1,224 % -1.6 -0.3 0.5 -0.8 0.5 -1.1 -10.3 INR/kWh 2.3 2.5 2.5 2.6 2.7 2.7 2.4 MU 1,608 1,603 1,327 1,043 1,774 1,657 1,267	MU2,8402,8732,1132,2913,0572,9232,1192,107%-0.54.1-9.9-4.37.61.70.3-8.0INR/kWh7.67.78.17.37.77.77.87.5%9.79.79.87.79.09.09.08.8MU1,7091,7321,3641,4941,7181,7131,2241,483%-1.6-0.30.5-0.80.5-1.1-10.3-0.7INR/kWh2.32.52.52.62.72.72.42.3MU1,6081,6031,3271,0431,7741,6571,267933

Source: Company, MOFSL

Exhibit 2: Consolidated PAT breakup – INR m

INR m	1QFY20	1QFY21
Standalone	2,170	1,340
Haldia	760	850
Dhariwal	-240	240
Crescent & Surya	30	120
Rajasthan DFs	-530	-330
Malegaon		-310
Noida	130	90
Others	-10	0
Minority	10	-20
Consolidated PAT	2,320	1,980

Source: Company, MOFSL

MOTILAL OSWAL

Valuation and view

- Subdued power demand with the onset of COVID-19 has impacted volumes in the Distribution and Generation businesses. Accordingly, profitability would be impacted in the near term amid lower efficiency gains and the lack of new tariff order approvals.
- However, the medium-term story remains intact for CESC. Earnings visibility is improving at Dhariwal and DFs. The recent signing of a PPA at Dhariwal should help reduce loss. We also expect the performances of DFs to improve as it gains a better understanding of the circles and leverages from its experience in Kolkata.
- CESC's generation assets generate healthy FCF. Its existing Distribution business has high RoE and delivers steady growth.
- Despite factoring the tightening of norms at Haldia and S/A, the stock trades at an attractive ~6x FY22E P/E. Untied generation capacity and the scale-up of DFs have the potential to boost earnings. We value the stock at 9x 1yr forward P/E. Maintain Buy, with TP of INR760/sh.

Financials and valuations

Income Statement								INR m)
Y/E March	2016	2017	2018	2019	2020	2021E	2022E	2023E
Net Sales	121,242	83,634	102,749	106,641	110,146	98,511	110,477	115,156
Change (%)	9.6	-31.0	22.9	3.8	3.3	-10.6	12.1	4.2
EBITDA	29,792	27,845	29,991	33,867	35,355	30,158	33,320	34,025
% of Net Sales	24.6	33.3	29.2	31.8	32.1	30.6	30.2	29.5
Depn. & Amortization	7,665	7,148	7,515	7,638	7,814	8,084	8,259	8,927
EBIT	22,128	20,697	22,477	26,230	27,541	22,074	25,061	25,098
Net Interest	14,943	13,724	13,030	13,247	13,574	12,345	11,537	10,659
Other income	2,637	2,300	2,520	2,043	2,025	1,649	1,786	1,878
EO expense	40	0	0	0	0	0	0	0
PBT after EO	9,781	9,273	11,967	15,025	15,992	11,378	15,310	16,318
Тах	3,130	3,210	3,562	3,737	3,627	2,243	2,868	3,073
Rate (%)	32.0	34.6	29.8	24.9	22.7	19.7	18.7	18.8
Reported PAT	6,651	6,063	8,405	11,288	12,365	9,135	12,442	13,245
Minority and Associates	-666	-710	-129	552	655	437	481	528
Adjusted PAT	6,024	5,354	8,276	11,840	13,021	9,571	12,923	13,773
Change (%)	203.5	-11.1	54.6	43.1	10.0	-26.5	35.0	6.6

Balance Sheet							(INR m)
Y/E March	2016	2017	2018	2019	2020	2021E	2022E	2023E
Share Capital	1,332	1,332	1,332	1,332	1,332	1,332	1,332	1,332
Reserves	104,705	104,895	82,870	88,406	94,942	101,449	110,908	120,710
Net Worth	106,037	106,227	84,202	89,738	96,274	102,782	112,241	122,042
Minority Interest	10,920	12,101	694	821	858	891	919	939
Total Loans	148,676	155,994	145,778	144,721	139,909	131,638	123,105	113,324
Deferred Tax Liability	38,307	38,873	36,410	39,404	40,053	40,053	40,053	40,053
Capital Employed	303,939	313,194	267,083	274,684	277,094	275,365	276,317	276,358
Gross Block	253,136	267,642	268,271	276,618	286,327	293,997	301,672	309,350
Less: Accum. Deprn.	10,071	1,380	29,736	40,132	50,462	58,546	66,805	75,732
Net Fixed Assets	243,065	266,262	238,535	236,485	235,866	235,452	234,867	233,618
Capital WIP	5,049	3,919	2,166	1,614	1,468	1,468	1,468	1,468
Goodwill	22,500	0	0	0	0	0	0	0
Investments	3,537	4,224	6,673	6,724	6,703	7,173	7,681	8,228
Curr. Assets	93,781	104,322	82,499	89,859	99,685	97,850	100,113	101,748
Inventories	6,967	8,454	5,826	7,005	7,184	5,937	6,629	6,878
Account Receivables	14,132	15,596	15,374	17,389	18,818	17,392	17,332	17,959
Cash and Bank Balance	17,894	22,931	17,003	15,437	18,060	19,098	20,729	21,488
Others	54,788	57,340	44,296	50,029	55,623	55,424	55,424	55,424
Curr. Liability & Prov.	63,993	65,533	62,791	60,000	66,627	66,577	67,811	68,703
Account Payables	5,951	7,890	6,907	6,778	6,568	6,085	6,818	7,106
Provisions & Others	58,041	57,642	55,884	53,222	60,058	60,492	60,993	61,597
Net Curr. Assets	29,789	38,789	19,708	29,860	33,058	31,272	32,302	33,045
Appl. of Funds	303,939	313,194	267,083	274,684	277,094	275,365	276,317	276,358

Financials and valuations

Ratios								
	2016	2017	2018	2019	2020	2021E	2022E	2023E
Basic (INR)								
EPS	45.2	40.2	62.1	88.9	97.7	71.8	97.0	103.4
Cash EPS	102.8	93.8	118.5	146.2	156.4	132.5	159.0	170.4
BV/Share	796.0	797.4	632.0	673.6	722.7	771.5	842.5	916.1
DPS	10.0	10.0	12.0	17.5	20.0	23.0	26.0	27.0
Payout (%)	22.1	24.9	19.3	19.7	20.5	32.0	26.8	26.1
Valuation (x)								
P/E	13.6	15.3	9.9	6.9	6.3	8.6	6.3	6.0
Cash P/E	6.0	6.6	5.2	4.2	3.9	4.6	3.9	3.6
P/BV	0.8	0.8	1.0	0.9	0.9	0.8	0.7	0.7
EV/EBITDA	7.5	8.2	7.0	6.3	5.8	6.5	5.6	5.1
Dividend Yield (%)	1.6	1.6	2.0	2.8	3.3	3.7	4.2	4.4
Return Ratios (%)								
RoE	7.2	5.0	8.7	13.6	14.0	9.6	12.0	11.8
RoCE (post-tax)	8.4	6.4	7.4	9.1	9.4	7.8	8.7	8.7
RoIC (post-tax)	7.1	5.0	6.0	8.0	8.5	7.1	8.2	8.3
Working Capital Ratios								
Fixed Asset Turnover (x)	0.5	0.3	0.4	0.5	0.5	0.4	0.5	0.5
Asset Turnover (x)	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4
Debtor (Days)	43	68	55	60	62	64	57	57
Leverage Ratio (x)								
Net Debt/EBITDA	4.4	4.8	4.3	3.8	3.4	3.7	3.1	2.7
Debt/Equity	1.1	1.1	1.5	1.4	1.3	1.1	0.9	0.7

Cash Flow Statement								(INR m)
Y/E March	2016	2017	2018	2019	2020	2021 E	2022E	2023E
EBITDA	29,792	27,845	29,991	33,867	35,355	30,158	33,320	34,025
WC	-5,805	-918	-6,336	-9,779	1,580	2,824	601	17
Others	4,128	3,081	4,393	7,731	2,185	0	0	0
Direct taxes (net)	-3,311	-3,457	-3,727	-3,168	-2,461	-2,243	-2,868	-3,073
CF from Op. Activity	24,804	26,552	24,321	22,939	30,033	30,738	31,054	30,969
Сарех	-12,675	-14,720	-8,944	-8,317	-7,410	-7,670	-7,674	-7,679
Interest income	329	375	311	340	315	0	0	0
Investments	-309	-634	568	0	0	0	0	0
Others	1,102	1,064	-7,695	2,276	5,339	1,649	1,786	1,878
CF from Inv. Activity	-11,554	-13,915	-15,760	-5,702	-1,757	-6,021	-5,888	-5,800
Share capital	117	158	22	0	0	0	0	0
Borrowings	6,390	8,622	854	-1,246	-4,892	-8,270	-8,534	-9,781
Finance cost	-15,303	-15,036	-13,828	-13,336	-13,306	-12,345	-11,537	-10,659
Dividend	-3,009	-1,599	-1,902	-2,790	-3,188	-3,064	-3,464	-3,597
Others	-5	256	365	0	86	0	0	0
CF from Fin. Activity	-11,809	-7,599	-14,490	-17,373	-21,299	-23,679	-23,534	-24,037
(Inc)/Dec in Cash	1,441	5,037	-5,928	-135	6,977	1,038	1,631	1,132
Opening balance	16,453	17,894	22,931	17,003	15,437	18,060	19,098	20,729
Closing balance	17,894	22,931	17,003	16,868	22,414	19,098	20,729	21,860

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.

Disclosures

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.bseindia.com. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from 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. For Hong Kong:

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 brokerdealer, 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
- 4 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
- 6
- 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
- MOFSL has not engaged in market making activity for the subject company

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.: INP00000670); PMS and Mutual Funds are offered through MOAMC which is group company of MOFSL. Motilal Oswal Vealth 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.

8 September 2020