### India Equity Research | BFSI July 22, 2020 Result Update

# **ICICI Pru Life**

Refer to important disclosures at the end of this report

# **Steady quarter; fairly valued**

CMP: Rs 443 as of (July 21, 2020)

> POLL 2020

TP: Rs 455 (▲) 12 months Rating: HOLD (∎)

Upside: 2.7 %

## We appreciate your support in the Asiamoney Brokers Poll 2020

- IPRU saw VNB margins surge by 342bps yoy (+60bps qoq) to 24.4% during Q1FY20 amid a change in product mix (rising share of protection plans to 26%). However, the same is attributable to a steep decline in APE by ~44% yoy (against ~30% for HDFCSL). The share of ULIP declined, yet elevated at ~43.6% (~64.7% for FY20).
- 13M persistency for IPRU dipped significantly to ~81.1% against ~89.2% and 49M stood at ~63.3% against ~68.1% last quarter. This is in spite of relaxation provided by the government over premium payments. Hence, we would await further clarity over the same. The solvency ratio improved on a qoq basis to ~217%.
- Though we remain appreciative of IPRU management's consistent focus on increasing the share of protection plans, we still remain skeptical of the elevated ULIP portfolio and expect the ULIP share to rise with stability in equity markets as well as due to elevated share of bancassurance (which can comfortably sell ULIPs).
- We expect VNB to grow at a CAGR of ~7.7% to Rs20bn over FY20-23E, with a 12% CAGR in EV to Rs3.2bn by FY23E. We introduce FY23E estimates and roll forward to Sept'22E with a revised TP of Rs455 (Rs374 earlier), corresponding to 2.1x P/EV. We maintain our Hold rating and UW stance in Insurance EAP.

**VNB margins to improve gradually:** We believe that the overall insurance penetration in India is likely to rise post-Covid-19 scenario as individual as well as corporate customers would be more cautious toward such crisis. IPRU management intends to improve the margin trajectory further, with an increasing focus on protection plans and a consistent dip in the share of ULIPs. However, we remain skeptical of the same as the current lockdown and social distancing would increase the share of bancassurance, which would be more tilted toward ULIPs. We expect VNB margins to improve to ~25.5% for FY23E from 21.7% in FY20.

**Sharp decline in premium receipts:** IPRU reported an APE decline of ~44% yoy during Q1FY21, which was steepest compared to other listed players on a received premium basis. Retail APE fall is sharper, indicating that the group APE business has performed relatively better.

**Outlook and valuation: Maintain Hold; UW in EAP:** We expect VNB to grow at a CAGR of ~7.7% to Rs20bn over FY20-23E, with a 12% CAGR in EV to Rs3.2tb by FY23E. We introduce FY23E estimates and roll forward to Sept'22E with a revised TP of Rs455 (Rs374 earlier), corresponding to 2.1x P/EV. We maintain our Hold rating and UW stance in Insurance EAP.

Please see our sector model portfolio (Emkay Alpha Portfolio): BFSI-Insurance (Page 7)

#### Financial Snapshot (Standalone)

<b>FY19</b> 11,406 7.9	<b>FY20</b> 10,687 7,4	<b>FY21E</b> 16,232	<b>FY22E</b> 19,296	<b>FY23E</b> 25,524
,			19,296	25,524
7.9	7 /			,
	7.4	11.3	13.4	17.8
13,280	16,050	15,123	17,738	20,034
17.0	21.7	23.7	25.1	25.5
2,16,240	2,30,320	2,55,055	2,86,302	3,23,687
20.2	15.2	15.9	16.0	15.7
2.9	2.8	2.5	2.2	2.0
	13,280 17.0 2,16,240 20.2	13,280         16,050           17.0         21.7           2,16,240         2,30,320           20.2         15.2           2.9         2.8	13,280         16,050         15,123           17.0         21.7         23.7           2,16,240         2,30,320         2,55,055           20.2         15.2         15.9           2.9         2.8         2.5	13,280         16,050         15,123         17,738           17.0         21.7         23.7         25.1           2,16,240         2,30,320         2,55,055         2,86,302           20.2         15.2         15.9         16.0

Source: Company, Emkay Research



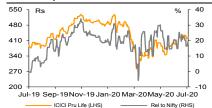
Change in Estimates										
EPS Chg FY21E/FY22E	E (%)	7/64								
Target Price change (%	)	21.7								
Target Period (Months)		12								
Previous Reco		HOLD								
Emkay vs Consensus										
EPS Estimates										
	FY21E	FY22E								
Emkay	11.3	13.4								
Consensus	8.5	10.8								
Mean Consensus TP (1	2M)	Rs 451								
Stock Details										
Bloomberg Code		IPRU IN								
Face Value (Rs)		10								
Shares outstanding (mn	)	1,436								
52 Week H/L		538 / 222								
M Cap (Rs bn/USD bn)		636 / 8.51								
Daily Avg Volume (nos.)	)	34,58,569								
Daily Avg Turnover (US	\$ mn)	18.2								
Shareholding Pattern	Jun '20	)								
Promoters		73.5%								
FIIs		15.1%								
DIIs		5.2%								

Price Performance								
(%)	1M	3M	6M	12M				
Absolute	13	20	(9)	17				
Rel. to Nifty	4	(4)	(1)	19				

6.2%

#### Relative price chart

Public and Others



#### Source: Bloomberg

This report is solely produced by Emkay Global. The following person(s) are responsible for the production of the recommendation:

#### **Jignesh Shial**

jignesh.shial@emkayglobal.com +91 22 6624 2468

#### Anand Dama

anand.dama@emkayglobal.com +91 22 6624 2480

#### Parth Sanghvi

parth.sanghvi@emkayglobal.com +91 22 6624 2431

Emkay Research is also available on www.emkayglobal.com and Bloomberg EMKAY<GO>. Please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore.

#### ICICI Pru Life (IPRU IN)

# Story in charts

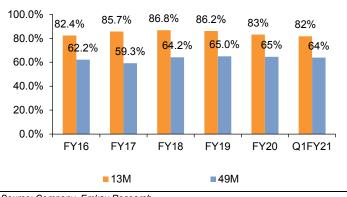
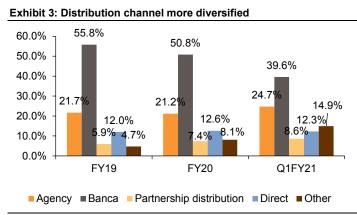
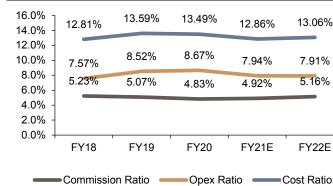


Exhibit 1: Persistency marginally weak

Source: Company, Emkay Research

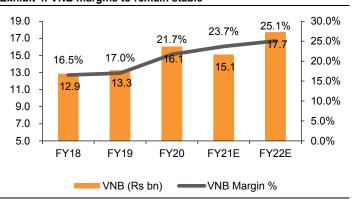




Source: Company, Emkay Research

Exhibit 2: Stable cost matrix





Source: Company, Emkay Research

Source: Company, Emkay Research

Exhibit 5: Revision in earnings estimates

	FY21E				FY22E		
	Old	New	% change	Old	New	% change	
NBP	1,48,613	1,16,164	-22%	1,60,733	1,35,583	-16%	
APE	90,654	63,845	-30%	88,585	70,785	-20%	
PAT	15,198	16,232	7%	11,781	19,296	64%	
EV	2,91,479	2,55,055	-12%	2,95,092	2,86,302	-3%	
VNB margin %	18.3%	23.7%	29%	20.4%	25.1%	23%	
ROE %	19.3%	20.4%	6%	16.5%	20.1%	22%	
ROEV %	17.3%	15.9%	-8%	16.3%	16.0%	-2%	

Source: Company, Emkay Research

# Exhibit 6: Movement in EV

Rs mn	FY17	FY18	FY19	FY20	FY21E	FY22E	FY23E
Opening Embedded value (EV)	1,39,390	1,61,840	1,87,880	2,16,240	2,30,320	2,55,055	2,86,302
Expected return on existing business (A+B+C)	16,290	23,950	24,730	16,840	21,420	22,955	24,908
Expected return on existing business (unwind) (A)	12,210	13,730	15,840	17,250	17,965	19,129	20,614
Operating assumption changes (B)	1,000	7,640	4,200	(2,250)	-	-	-
VNB added during the period	6,660	12,860	13,280	16,050	15,123	17,738	20,034
Operating experience variance (C)	3,080	2,580	4,690	1,840	3,455	3,826	4,295
IEV operating earnings (EVOP)	22,950	36,810	38,010	32,890	36,543	40,693	44,942
Economic assumption changes and investment variance	5,820	1,130	(1,220)	(14,760)	(11,808)	(9,446)	(7,557)
IEV total earnings	28,770	37,940	36,790	18,130	24,735	31,247	37,385
Capital contributions/ (dividends paid out)	(6,320)	(11,880)	(8,430)	(4,050)	-	-	-
Closing IEV	1,61,840	1,87,900	2,16,240	2,30,320	2,55,055	2,86,302	3,23,687
Expected return as % of opening (PAT/opening EV)	12.1%	10.0%	6.1%	4.9%	7.0%	7.6%	8.9%
VIF transfer as % of opening (unwinding/opening EV)	8.8%	8.5%	8.4%	8.0%	7.8%	7.5%	7.2%
ROEV %	16.5%	22.7%	20.2%	15.2%	15.9%	16.0%	15.7%
Operating ROEV %	13.5%	16.4%	15.5%	15.4%	14.4%	14.5%	14.2%

Source: Company, Emkay Research

# Key Financials (Standalone)

Income Statement					
Policyholders Account-Y/E (Rs mn)	FY19	FY20	FY21E	FY22E	FY23E
Net earned premium	3,05,783	3,28,540	3,04,075	3,23,551	3,56,878
Income from investments	1,02,144	(1,25,169)	87,618	96,380	1,06,018
Contribution from the shareholders fund	5,272	14,970	7,500	6,000	6,000
Miscellaneous income	803	804	884	973	1,070
Total income	4,14,003	2,19,145	4,00,078	4,26,904	4,69,966
Commissions	16,038	15,860	14,953	16,681	18,554
Operating expenses	25,528	28,469	24,137	25,586	28,903
Provisions	6,351	8,685	7,960	8,398	9,225
Total expenses	47,917	53,014	47,051	50,665	56,683
Benefits paid (net)	1,42,591	1,93,766	1,40,765	1,57,509	1,51,179
Change in liabilities (net)	2,10,030	(50,569)	1,99,391	2,24,123	2,65,589
Total	3,52,621	1,43,197	3,40,156	3,81,632	4,16,768
Surplus	13,465	22,934	12,871	(5,394)	(3,485)
Tax	1,132	1,314	1,651	1,894	2,163
Net surplus	12,333	21,620	11,220	(7,288)	(5,649)
Transfer to shareholders account	10,770	19,887	18,937	20,541	26,813

	=>///0	=>/00		51/005	
Shareholders Account-Y/E (Rs mn)	FY19	FY20	FY21E	FY22E	FY23E
Transfer from policyholders account	10,770	19,887	18,937	20,541	26,813
Income from investments	6,418	6,594	5,195	5,195	5,195
Other income	90	5	0	0	0
Total income	17,279	26,487	24,132	25,736	32,008
Expenses	377	364	400	440	484
Provisions	0	466	0	0	0
Contribution to policyholders account	5,272	14,970	7,500	6,000	6,000
Profit before tax	11,630	10,687	16,232	19,296	25,524
Тах	223	0	0	0	0
Net profit	11,406	10,687	16,232	19,296	25,524

#### **Balance Sheet**

Y/E Year End	FY19	FY20	FY21E	FY22E	FY23E
Sources of funds					
Share capital	14,358	14,359	14,358	14,358	14,358
Reserve and surplus	54,397	61,056	76,023	94,055	1,18,314
Fair value change account credit/(debit)	1,712	(3,228)	(3,228)	(3,228)	(3,228)
Net worth (including fair value change)	70,467	72,186	87,153	1,05,184	1,29,444
Policyholders funds	15,13,451	14,42,536	16,20,305	18,03,724	20,12,752
Funds for future appropriations	10,344	12,327	15,558	19,213	23,295
Total liabilities	15,94,262	15,27,049	17,23,016	19,28,122	21,65,490
Application of funds					
Shareholders investments	79,916	74,209	74,209	74,209	74,209
Policyholders investments	4,00,712	4,67,503	5,32,953	6,07,637	6,73,134
Assets to cover linked liabilities	11,09,458	9,70,850	10,87,352	11,96,087	13,39,617
Loans	2,702	4,631	4,631	4,631	4,631
Fixed assets	4,756	4,776	4,776	4,776	4,776
Net current assets (A-B)	(3,282)	5,080	19,095	40,782	69,123
Total assets	15,94,261	15,27,049	17,23,016	19,28,122	21,65,490

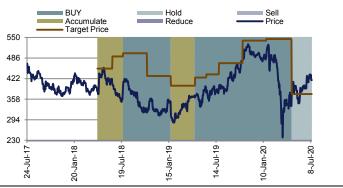
Emkay Research is also available on www.emkayglobal.com and Bloomberg EMKAY<GO>. Please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore.

Y/E Year End	FY19	FY20	FY21E	FY22E	FY23E
Conservation ratio %	81.6	76.0	70.6	77.5	81.8
Commissions ratio %	5.2	4.8	4.9	5.2	5.2
Opex ratio %	8.3	8.7	7.9	7.9	8.1
ROA %	0.8	0.7	1.0	1.1	1.2
ROE %	16.4	15.0	20.4	20.1	21.8
Dividend payout ratio %	39.7	42.3	10.6	0.0	0.0
EV Data	FY19	FY20	FY21E	FY22E	FY23E
Embedded value (Rs mn)	2,16,240	2,30,320	2,55,055	2,86,302	3,23,68
Value of new business (Rs mn)	13,280	16,050	15,123	17,738	20,03
EVOP (Rs mn)	38,010	32,890	36,543	40,693	44,94
ROEV %	20.2	15.2	15.9	16.0	15.
VNB margin %	17.0	21.7	23.7	25.1	25.
Source: Company, Emkay Research					
Per Share Data (Rs)	FY19	FY20	FY21E	FY22E	FY23I
EPS	7.9	7.4	11.3	13.4	17.
DPS	3.1	3.1	1.2	0.0	0.
BVPS	49.1	50.3	60.7	73.3	90.
Valuation (x)	FY19	FY20	FY21E	FY22E	FY23I
P/E	55.7	59.5	39.2	33.0	24.
P/B	9.0	8.8	7.3	6.0	4.
P/EV	2.9	2.8	2.5	2.2	2.
P/VNB	47.9	39.6	42.0	35.8	31.
Dividend yield (%)	0.7	0.7	0.3	0.0	0.
Source: Company, Emkay Research	•	•••	0.0	0.0	
Growth (%)	FY19	FY20	FY21E	FY22E	FY23
GWP	14.3	0.0	(7.2)	6.7	0.
New business premium (NBP)	12.5	0.0	(6.8)	16.7	0.
Annualized premium equivalent (APE)	3.4	0.0	(13.5)	10.9	0.
Retail APE	(4.9)	0.0	(23.5)	11.9	0.
Commissions	14.3	0.0	(5.7)	11.6	0.
Operating expenses		0.0	(15.2)	6.0	0.
Operating expenses	25.8	0.0	(15.2)		
Net income	25.8 (29.6)	0.0	51.9	18.9	0.
Net income	(29.6)	0.0	51.9	18.9	0.
Net income Quarterly (Rs mn)	(29.6) <b>Q1FY20</b>	0.0 <b>Q2FY20</b>	51.9 Q3FY20	18.9 <b>Q4FY20</b>	0. Q1FY2
Net income Quarterly (Rs mn) Net earned premium	(29.6) Q1FY20 62,081	0.0 <b>Q2FY20</b> 80,647	51.9 <b>Q3FY20</b> 81,310	18.9 <b>Q4FY20</b> 1,04,751	0. <b>Q1FY2</b> 55,51
Net income Quarterly (Rs mn) Net earned premium Total income	(29.6) Q1FY20 62,081 83,595	0.0 <b>Q2FY20</b> 80,647 81,620	51.9 Q3FY20 81,310 1,28,981	18.9 <b>Q4FY20</b> 1,04,751 (83,171)	0. <b>Q1FY2</b> 55,51 1,87,69
Net income Quarterly (Rs mn) Net earned premium Total income Total expenses	(29.6) <b>Q1FY20</b> 62,081 83,595 80,725	0.0 <b>Q2FY20</b> 80,647 81,620 78,556	51.9 Q3FY20 81,310 1,28,981 1,25,944	18.9 <b>Q4FY20</b> 1,04,751 (83,171) (84,888)	0. <b>Q1FY2</b> 55,51 1,87,69 1,84,58
Net income Quarterly (Rs mn) Net earned premium Total income Total expenses Net income	(29.6) <b>Q1FY20</b> 62,081 83,595 80,725 2,849	0.0 <b>Q2FY20</b> 80,647 81,620 78,556 3,019	51.9 Q3FY20 81,310 1,28,981 1,25,944 3,025	18.9 <b>Q4FY20</b> 1,04,751 (83,171) (84,888) 1,795	0. <b>Q1FY2</b> 55,51 1,87,69 1,84,58 2,86
Net income Quarterly (Rs mn) Net earned premium Total income Total expenses	(29.6) <b>Q1FY20</b> 62,081 83,595 80,725	0.0 <b>Q2FY20</b> 80,647 81,620 78,556	51.9 Q3FY20 81,310 1,28,981 1,25,944	18.9 <b>Q4FY20</b> 1,04,751 (83,171) (84,888)	0. <b>Q1FY2</b> 55,51 1,87,69 1,84,58 2,86
Net income         Quarterly (Rs mn)         Net earned premium         Total income         Total expenses         Net income         EPS (Rs)	(29.6) <b>Q1FY20</b> 62,081 83,595 80,725 2,849	0.0 <b>Q2FY20</b> 80,647 81,620 78,556 3,019	51.9 Q3FY20 81,310 1,28,981 1,25,944 3,025	18.9 <b>Q4FY20</b> 1,04,751 (83,171) (84,888) 1,795	0. <b>Q1FY2</b> 55,51 1,87,69 1,84,58 2,86 2.0
Quarterly (Rs mn)         Quarterly (Rs mn)         Net earned premium         Total income         Total expenses         Net income         EPS (Rs)         Source: Capitaline	(29.6) Q1FY20 62,081 83,595 80,725 2,849 1.98 Jun-19	0.0 Q2FY20 80,647 81,620 78,556 3,019 2.10	51.9 Q3FY20 81,310 1,28,981 1,25,944 3,025 2.11	18.9 Q4FY20 1,04,751 (83,171) (84,888) 1,795 1.25	0. Q1FY2 55,51 1,87,69 1,84,58 2,86 2.0 Jun-2
Net income         Quarterly (Rs mn)         Net earned premium         Total income         Total expenses         Net income         EPS (Rs)         Source: Capitaline         Shareholding Pattern (%)         Promoters	(29.6) Q1FY20 62,081 83,595 80,725 2,849 1.98 1.98 Jun-19 75.0	0.0 Q2FY20 80,647 81,620 78,556 3,019 2.10 2.10 Sep-19 75.0	51.9 Q3FY20 81,310 1,28,981 1,25,944 3,025 2.11 Dec-19 75.0	18.9 Q4FY20 1,04,751 (83,171) (84,888) 1,795 1.25 1.25 Mar-20 75.0	0. Q1FY2 55,51 1,87,69 1,84,58 2,86 2.0 Jun-2 73.
Net income         Quarterly (Rs mn)         Net earned premium         Total income         Total expenses         Net income         EPS (Rs)         Source: Capitaline	(29.6) Q1FY20 62,081 83,595 80,725 2,849 1.98 Jun-19	0.0 Q2FY20 80,647 81,620 78,556 3,019 2.10 Sep-19	51.9 Q3FY20 81,310 1,28,981 1,25,944 3,025 2.11 Dec-19	18.9 <b>Q4FY20</b> 1,04,751 (83,171) (84,888) 1,795 1.25 <b>Mar-20</b>	0. <b>Q1FY2</b> 55,51 1,87,69 1,84,58

#### RECOMMENDATION HISTORY TABLE

Date	Closing Price	TP	Period (months)	Rating	Analyst
1-Jul-20	420	374	12m	Hold	Jignesh Shial
11-Jun-20	395	374	12m	Hold	Jignesh Shial
27-Apr-20	378	374	12m	Hold	Jignesh Shial
7-Feb-20	496	545	12m	Buy	Neeraj Toshniwal
21-Jan-20	489	545	12m	Buy	Neeraj Toshniwal
9-Dec-19	490	540	12m	Buy	Neeraj Toshniwal
8-Nov-19	519	540	12m	Buy	Neeraj Toshniwal
23-Oct-19	485	540	12m	Buy	Neeraj Toshniwal
11-Oct-19	441	470	12m	Buy	Neeraj Toshniwal
3-Oct-19	469	470	12m	Buy	Neeraj Toshniwal
11-Sep-19	422	470	12m	Buy	Neeraj Toshniwal
13-Aug-19	375	470	12m	Buy	Neeraj Toshniwal
25-Jul-19	396	470	12m	Buy	Neeraj Toshniwal
28-Jun-19	389	435	12m	Buy	Neeraj Toshniwal
7-Jun-19	386	435	12m	Buy	Neeraj Toshniwal
13-May-19	337	425	12m	Buy	Neeraj Toshniwal
25-Apr-19	368	425	12m	Buy	Neeraj Toshniwal
22-Apr-19	369	400	12m	Buy	Neeraj Toshniwal
13-Mar-19	334	400	12m	Accumulate	Neeraj Toshniwal
23-Jan-19	305	400	12m	Accumulate	Neeraj Toshniwal
24-Oct-18	323	430	12m	Buy	Neeraj Toshniwal
25-Jul-18	404	501	12m	Buy	Neeraj Toshniwal
14-Jun-18	403	491	12m	Accumulate	Neeraj Toshniwal
18-Apr-18	382	453	12m	Accumulate	Neeraj Toshniwal

**RECOMMENDATION HISTORY CHART** 



Source: Bloomberg, Company, Emkay Research

Source: Company, Emkay Research



### Analyst: Jignesh Shial

**Contact Details** 

jignesh.shial@emkayglobal.com

+91 22 6624 2468

# Sector

NBFCs/AFCs

# Analyst bio

Jignesh Shial is a CA and has total 12 years of research experience. His team currently covers 11 NBFCs/AFCs.

# Emkay Alpha Portfolio – BFSI-Insurance

#### EAP sector portfolio

Company Name	BSE200 Weight	EAP Weight	OW/UW (%)	OW/UW (bps)	EAP Weight (Normalised)
BFSI-Insurance	7.50	7.43	-1%	-6	100.00
HDFC Life	1.44	1.45	1%	1	19.35
ICICI Pru Life	0.14	0.14	-4%	-1	1.80
Max Financial	0.06	0.00	-100%	-6	0.00
SBI Life	5.25	5.35	2%	11	71.41
Cash	0.07	0.00	-100%	-7	0.00

Source: Emkay Research

\* Not under coverage: Equal Weight

High Conviction/Strong Over Weight

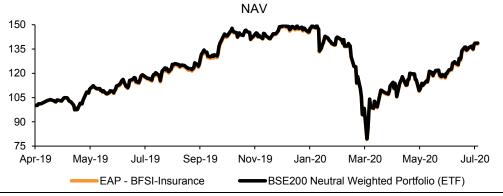
#### Sector portfolio NAV

	Base					Latest
	1-Apr-19	18-Oct-19	20-Jan-20	20-Apr-20	19-Jun-20	20-Jul-20
EAP - BFSI-Insurance	100.0	138.8	145.0	114.0	121.5	138.1
BSE200 Neutral Weighted Portfolio (ETF)	100.0	139.7	145.6	114.4	122.1	138.7

\*Performance measurement base date 1<sup>st</sup> April 2019

Source: Emkay Research

#### NAV chart



Source: Emkay Research

# Please see our model portfolio (Emkay Alpha Portfolio): SMID

Please see our model portfolio (Emkay Alpha Portfolio): Nifty

"Emkay Alpha Portfolio – SMID and Nifty are a supporting document to the Emkay Alpha Portfolios Report and is updated on regular intervals"

# **Emkay Rating Distribution**

Ratings	Expected Return within the next 12-18 months.	
BUY	Over 15%	
HOLD	Between -5% to 15%	
SELL	Below -5%	

Completed Date: 22 Jul 2020 09:07:37 (SGT) Dissemination Date: 22 Jul 2020 09:08:37 (SGT)

Sources for all charts and tables are Emkay Research unless otherwise specified.

#### GENERAL DISCLOSURE/DISCLAIMER BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Emkay Global Financial Services Limited (CIN-L67120MH1995PLC084899) and its affiliates are a full-service, brokerage, investment banking, investment management and financing group. Emkay Global Financial Services Limited (EGFSL) along with its affiliates are participants in virtually all securities trading markets in India. EGFSL was established in 1995 and is one of India's leading brokerage and distribution house. EGFSL is a corporate trading member of Bombay Stock Exchange Limited (BSE), National Stock Exchange of India Limited (NSE), MCX Stock Exchange Limited (MCX-SX). EGFSL along with its subsidiaries offers the most comprehensive avenues for investments and is engaged in the businesses including stock broking (Institutional and retail), merchant banking, commodity broking, depository participant, portfolio management, insurance broking and services rendered in connection with distribution of primary market issues and financial products like mutual funds, fixed deposits. Details of associates are available on our website i.e. www.emkayglobal.com

EGFSL is registered as Research Analyst with SEBI bearing registration Number INH000000354 as per SEBI (Research Analysts) Regulations, 2014. EGFSL hereby declares that it has not defaulted with any stock exchange nor its activities were suspended by any stock exchange with whom it is registered in last five years, except that NSE had disabled EGFSL from trading on October 05, October 08 and October 09, 2012 for a manifest error resulting into a bonafide erroneous trade on October 05, 2012. However, SEBI and Stock Exchanges have conducted the routine inspection and based on their observations have issued advice letters or levied minor penalty on EGFSL for certain operational deviations in ordinary/routine course of business. EGFSL has not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has its certificate of registration been cancelled by SEBI at any point of time.

EGFSL offers research services to clients as well as prospects. The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

Other disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report

EGFSL and/or its affiliates may seek investment banking or other business from the company or companies that are the subject of this material. Our salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that may be inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest including but not limited to those stated herein. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein. This report is not directed to, 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 or regulation or which would subject EGFSL or its group companies to any registration or licensing requirement within such jurisdiction. Specifically, this document does not constitute an offer to or solicitation to any U.S. person for the purchase or sale of any financial instrument or as an official confirmation of any transaction to any U.S. person. Unless otherwise stated, this message should not be construed as official confirmation of any transaction. No part of this document may be used by private customers in United Kingdom. All material presented in this report, unless specifically indicated otherwise, is under copyright to Emkay. None of the material, nor its content, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party, without the prior express written permission of EGFSL . All trademarks, service marks and logos used in this report are trademarks or registered trademarks of EGFSL or its Group Companies. The information contained herein is not intended for publication or distribution or circulation in any manner whatsoever and any unauthorized reading, dissemination, distribution or copying of this communication is prohibited unless otherwise expressly authorized. Please ensure that you have read "Risk Disclosure Document for Capital Market and Derivatives Segments" as prescribed by Securities and Exchange Board of India before investing in Indian Securities Market. In so far as this report includes current or historic information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.

• This publication has not been reviewed or authorized by any regulatory authority. There is no planned schedule or frequency for updating research publication relating to any issuer.

• Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets

**Disclaimer for U.S. persons only:** This research report is a product of Emkay Global Financial Services Limited (Emkay), which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of Financial Institutions Regulatory Authority (FINRA) or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account. This report is intended for distribution to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investors. In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors.

#### ANALYST CERTIFICATION BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL)

The research analyst(s) primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst(s) also certifies that no part of his/her compensation was, is, or will be, directly or indirectly, related to specific recommendations or views expressed in the report. The research analyst (s) primarily responsible of the content of this research report, in part or in whole, certifies that he or his associate<sup>1</sup> does not serve as an officer, director or employee of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant). The research analyst(s) primarily responsible for the content of this research report or his associate does not have financial interests<sup>2</sup> in relation to an issuer or a new listing applicant that the analyst reviews. EGFSL has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the EGFSL and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of EGFSL compensation to any specific investment banking function of the EGFSL.

<sup>1</sup> An associate is defined as (i) the spouse, or any minor child (natural or adopted) or minor step-child, of the analyst; (ii) the trustee of a trust of which the analyst, his spouse, minor child (natural or adopted) or minor step-child, is a beneficiary or discretionary object; or (iii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

<sup>2</sup> Financial interest is defined as interest that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at the arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.

#### COMPANY-SPECIFIC / REGULATORY DISCLOSURES BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report-:

- 1. EGFSL, its subsidiaries and/or other affiliates do not have a proprietary position in the securities recommended in this report as of July 22, 2020
- 2. EGFSL, and/or Research Analyst does not market make in equity securities of the issuer(s) or company(ies) mentioned in this Research Report
- Disclosure of previous investment recommendation produced:
- EGFSL may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by EGFSL in the preceding 12 months.
- 4. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have any material conflict of interest in the securities recommended in this report as of July 22, 2020.
- 5. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the July 22, 2020
- EGFSL, its subsidiaries and/or other affiliates and Research Analyst have not received any compensation in whatever form including compensation for investment banking or merchant banking or brokerage services or for products or services other than investment banking or merchant banking or brokerage services from securities recommended in this report (subject company) in the past 12 months.
- 7. EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst have not received any compensation or other benefits from securities recommended in this report (subject company) or third party in connection with the research report.
- 8. Securities recommended in this report (Subject Company) has not been client of EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst during twelve months preceding the July 22, 2020

RESTRICTIONS ON DISTRIBUTION		
General	This report is not directed to, 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 or regulation.	
Australia	This report is not for distribution into Australia.	
Hong Kong	This report is not for distribution into Hong Kong.	
Indonesia	This report is being distributed in Indonesia by PT DBS Vickers Sekuritas Indonesia.	
Malaysia	This report is not for distribution into Malaysia.	
Singapore	This report is distributed in Singapore by DBS Bank Ltd (Company Regn. No. 16800306E) or DBSVS (Company Regn. No. 1860024G) both of which are Exempt Financial Advisers as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. DBS Bank Ltd and/or DBSVS, may distribute reports produced by its respective foreign entities, affiliates or other foreign research houses pursuant to an agreement under Regulation 32C of the financial Advisers Regulations. Singapore recipients should contact DBS Bank Ltd at 6327 2288 for matters arising from, or in connection with the report.	
Thailand	This report is being distributed in Thailand by DBS Vickers Securities (Thailand) Co Ltd.	
United Kingdom	This report is disseminated in the United Kingdom by DBS Vickers Securities (UK) Ltd, ("DBSVUK"). DBSVUK is authorised and regulated by the Financial Conduct Authority in the United Kingdom. In respect of the United Kingdom, this report is solely intended for the clients of DBSVUK, its respective connected and associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBSVUK. This communication is directed at persons having professional experience in matters relating to investments. Any investment activity following from this communication will only be engaged in with such persons. Persons who do not have professional experience in matters relating to investments should not rely on this communication.	
Dubai International Financial Centre	This research report is being distributed by DBS Bank Ltd., (DIFC Branch) having its office at units 608-610, 6 <sup>th</sup> Floor, Gate Precinct Building 5, PO Box 506538, Dubai International Financial Centre (DIFC), Dubai, United Arab Emirates. DBS Bank Ltd., (DIFC Branch) is regulated by The Dubai Financial Services Authority. This research report is intended only for professional clients (as defined in the DFSA rulebook) and no other person may act upon it.	
United Arab Emirates	This report is provided by DBS Bank Ltd (Company Regn. No. 196800306E) which is an Exempt Financial Adviser as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. This report is for information purposes only and should not be relied upon or acted on by the recipient or considered as a solicitation or inducement to buy or sell any financial product. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situation, or needs of individual clients. You should contact your relationship manager or investment adviser if you need advice on the merits of buying, selling or holding a particular investment. You should note that the information in this report may be out of date and it is not represented or warranted to be accurate, timely or complete. This report or any portion thereof may not be reprinted, sold or redistributed without our written consent.	
United States	DBSVUSA did not participate in its preparation. The research analyst(s) named on this report are not registered as research analysts with FINRA and are not associated persons of DBSVUSA. The research analyst(s) are not subject to FINRA Rule 2241 restrictions on analyst compensation, communications with a subject company, public appearances and trading securities held by a research analyst. This report is being distributed in the United States by DBSVUSA, which accepts responsibility for its contents. This report may only be distributed to Major U.S. Institutional Investors (as defined in SEC Rule 15a-6) and to such other institutional investors and qualified persons as DBSVUSA may authorize. Any U.S. person receiving this report who wishes to effect transactions in any securities referred to herein should contact DBSVUSA directly and not its affiliate.	
Other jurisdictions	In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions.	

# Emkay Global Financial Services Ltd. CIN - L67120MH1995PLC084899

7th Floor, The Ruby, Senapati Bapat Marg, Dadar - West, Mumbai - 400028. India Tel: +91 22 66121212 Fax: +91 22 66121299 Web: www.emkayglobal.com