

**BUY**TP: Rs 330 | ▲ 37%

**PETRONET LNG** 

Oil & Gas

12 November 2020

# Margins buoyant, volumes normalise

Petronet LNG's (PLNG) Q2FY21 EBITDA outperformed our estimates at Rs 13.6bn (+17.5% YoY). Q2 highlights: (a) volumes beat expectations (+1.6% YoY), and (b) EBITDA/mmbtu surged to Rs 53.7 (+15.6% YoY). Utilisation at Dahej improved to 107%, recovering to pre-Covid levels. We raise FY21/FY22/FY23 earnings by 7%/2%/2% to factor in higher margins, despite trimming tariffs at Kochi. Our Sep'21 TP stands revised to Rs 330 (from Rs 310). Valuations look undemanding at 10.5x FY22E EPS.

Rohit Ahuja | Harleen Manglani research@bobcaps.in

**Volumes claw back to normal, outlook improving:** Volumes across categories increased 34% QoQ to 254tbtu aided by a decline in LNG prices. While spot LNG prices have currently doubled to US\$ 7/mmbtu (from ~US\$ 3.5 in Q2), long-term prices remain benign at ~US\$ 5.6. Utilisation levels at Dahej/Kochi improved to 107%/17% in Q2. Kochi volumes could improve further from Q3 as GAIL commissions its Kochi-Mangaluru pipeline.

**EBITDA** margins buoyant: EBITDA/mmbtu outperformed at Rs 53.7 (+15.6% YoY), driven by scale advantage from higher utilisation levels. These margins could decline slightly in case of any downward revision in Kochi regasification tariffs. With negotiations on Kochi tariffs still underway, we factor in the uncertainty by cutting our base tariff estimate for the terminal to Rs 72/mmbtu (from Rs 83 earlier) from FY21.

**High earnings visibility:** PLNG's earnings visibility remains robust backed by long-term contracts and expected volume ramp-up at Kochi. Low LNG prices offer a robust outlook on LNG demand, especially from the power sector. Further, the company will continue to expand capacity (by ~2mmtpa) through the addition of storage tanks and a jetty at Dahej terminal by FY23.

Ticker/Price	PLNG IN/Rs 241
Market cap	US\$ 4.9bn
Shares o/s	1,500mn
3M ADV	US\$ 13.1mn
52wk high/low	Rs 285/Rs 170
Promoter/FPI/DII	50%/28%/22%
c NCE	

Source: NSE

### STOCK PERFORMANCE



Source: NSE

#### **KEY FINANCIALS**

Y/E 31 Mar	FY19A	FY20A	FY21E	FY22E	FY23E
Total revenue (Rs mn)	383,954	354,520	221,117	267,439	273,524
EBITDA (Rs mn)	32,935	39,895	45,020	52,445	56,892
Adj. net profit (Rs mn)	21,554	27,697	28,766	34,554	38,242
Adj. EPS (Rs)	14.4	18.5	19.2	23.0	25.5
Adj. EPS growth (%)	3.7	28.5	3.9	20.1	10.7
Adj. ROAE (%)	21.8	26.4	25.7	29.3	29.7
Adj. P/E (x)	16.8	13.0	12.6	10.5	9.5
EV/EBITDA (x)	11.4	8.9	7.5	6.1	5.5



FIG 1 - QUARTERLY PERFORMANCE

Q2FY21	Q2FY20	Y <sub>0</sub> Y (%)	Q1FY21	Q <sub>0</sub> Q (%)	H1FY21	H1FY20	Y <sub>0</sub> Y (%)
62,358	93,612	(33.4)	48,836	27.7	111,194	179,746	(38.1)
47,199	80,229	(41.2)	38,365	23.0	85,565	154,411	(44.6)
75.7	85.7	-	78.6	-	77.0	85.9	-
1,526	1,778	(14.1)	1,371	11.3	2,897	3,492	(17.0)
2.4	1.9	-	2.8	-	2.6	1.9	-
13,632	11,605	17.5	9,099	49.8	22,732	21,844	4.1
21.9	12.4	-	18.6	-	20.4	12.2	-
53.7	46.4	15.6	47.9	12.1	51.2	45.9	11.6
59.7	53.5	11.5	55.1	8.3	57.7	53.2	8.4
1,952	1,960	(0.4)	1,936	0.8	3,888	3,859	0.7
850	1,051	(19.1)	881	(3.5)	1,732	2,057	(15.8)
1,596	975	63.6	684	133.3	2,279	2,019	12.9
12,426	8,848	40.4	6,966	78.4	19,392	17,227	12.6
3,153	(2,184)	(244.4)	1,764	78.8	4,916	593	729.2
25.4	(24.7)	-	25.3	-	25.4	3.4	-
9,273	11,031	(15.9)	5,202	78.2	14,475	16,634	(13.0)
14.9	11.8	-	10.7	-	13.0	9.3	-
6.2	7.4	(15.9)	3.5	78.2	9.7	11.1	(13.0)
	62,358 47,199 75.7 1,526 2.4 13,632 21.9 53.7 59.7 1,952 850 1,596 12,426 3,153 25.4 9,273 14.9	62,358         93,612           47,199         80,229           75.7         85.7           1,526         1,778           2.4         1.9           13,632         11,605           21.9         12.4           53.7         46.4           59.7         53.5           1,952         1,960           850         1,051           1,596         975           12,426         8,848           3,153         (2,184)           25.4         (24.7)           9,273         11,031           14.9         11.8	62,358         93,612         (33.4)           47,199         80,229         (41.2)           75.7         85.7         -           1,526         1,778         (14.1)           2.4         1.9         -           13,632         11,605         17.5           21.9         12.4         -           53.7         46.4         15.6           59.7         53.5         11.5           1,952         1,960         (0.4)           850         1,051         (19.1)           1,596         975         63.6           12,426         8,848         40.4           3,153         (2,184)         (244.4)           25.4         (24.7)         -           9,273         11,031         (15.9)           14.9         11.8         -	62,358         93,612         (33.4)         48,836           47,199         80,229         (41.2)         38,365           75.7         85.7         -         78.6           1,526         1,778         (14.1)         1,371           2.4         1.9         -         2.8           13,632         11,605         17.5         9,099           21.9         12.4         -         18.6           53.7         46.4         15.6         47.9           59.7         53.5         11.5         55.1           1,952         1,960         (0.4)         1,936           850         1,051         (19.1)         881           1,596         975         63.6         684           12,426         8,848         40.4         6,966           3,153         (2,184)         (244.4)         1,764           25.4         (24.7)         -         25.3           9,273         11,031         (15.9)         5,202           14.9         11.8         -         10.7	62,358         93,612         (33.4)         48,836         27.7           47,199         80,229         (41.2)         38,365         23.0           75.7         85.7         -         78.6         -           1,526         1,778         (14.1)         1,371         11.3           2.4         1.9         -         2.8         -           13,632         11,605         17.5         9,099         49.8           21.9         12.4         -         18.6         -           53.7         46.4         15.6         47.9         12.1           59.7         53.5         11.5         55.1         8.3           1,952         1,960         (0.4)         1,936         0.8           850         1,051         (19.1)         881         (3.5)           1,596         975         63.6         684         133.3           12,426         8,848         40.4         6,966         78.4           3,153         (2,184)         (244.4)         1,764         78.8           25.4         (24.7)         -         25.3         -           9,273         11,031         (15.9)	62,358         93,612         (33.4)         48,836         27.7         111,194           47,199         80,229         (41.2)         38,365         23.0         85,565           75.7         85.7         -         78.6         -         77.0           1,526         1,778         (14.1)         1,371         11.3         2,897           2.4         1.9         -         2.8         -         2.6           13,632         11,605         17.5         9,099         49.8         22,732           21.9         12.4         -         18.6         -         20.4           53.7         46.4         15.6         47.9         12.1         51.2           59.7         53.5         11.5         55.1         8.3         57.7           1,952         1,960         (0.4)         1,936         0.8         3,888           850         1,051         (19.1)         881         (3.5)         1,732           1,596         975         63.6         684         133.3         2,279           12,426         8,848         40.4         6,966         78.4         19,392           3,153         (2,184)	62,358         93,612         (33.4)         48,836         27.7         111,194         179,746           47,199         80,229         (41.2)         38,365         23.0         85,565         154,411           75.7         85.7         -         78.6         -         77.0         85.9           1,526         1,778         (14.1)         1,371         11.3         2,897         3,492           2.4         1.9         -         2.8         -         2.6         1.9           13,632         11,605         17.5         9,099         49.8         22,732         21,844           21.9         12.4         -         18.6         -         20.4         12.2           53.7         46.4         15.6         47.9         12.1         51.2         45.9           59.7         53.5         11.5         55.1         8.3         57.7         53.2           1,952         1,960         (0.4)         1,936         0.8         3,888         3,859           850         1,051         (19.1)         881         (3.5)         1,732         2,057           1,596         975         63.6         684         133.3

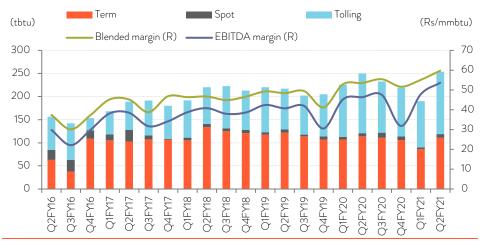
Source: Company, BOBCAPS Research

# FIG 2 - VOLUME PROFILE

Volumes (tbtu)	Q2FY21	Q2FY20	Y <sub>0</sub> Y (%)	Q1FY21	Q <sub>0</sub> Q (%)	H1FY21	H1FY20	Y <sub>0</sub> Y (%)
Long term contracts	111	114	(2.6)	86	29.1	197	221	(10.9)
Dahej	103	109	(5.5)	78	32.1	181	209	(13.4)
Kochi	8	5	60.0	8	-	16	12	33.3
Spot	8	7	14.3	4	100.0	15	13	15.4
Dahej	5	5	-	3	66.7	11	10	10.0
Kochi	3	2	50.0	1	200.0	4	3	33.3
Regasification services	135	129	4.7	100	35.0	235	242	(2.9)
Dahej	135	126	7.1	100	35.0	235	238	(1.3)
Kochi	-	3	-	-	-	-	4	-
Total Volumes	254	250	1.6	190	33.7	447	476	(6.1)
Dahej	243	240	1.3	181	34.3	427	457	(6.6)
Kochi	11	10	10.0	9	22.2	20	19	5.3



### FIG 3 – OPERATING TRENDS: VOLUMES AND MARGINS



Source: Company, BOBCAPS Research

# Earnings call highlights

- PLNG intends to maintain high dividend payout (Rs 8/sh interim dividends announced).
- The Tellurian deal has made no progress as it always was a non-binding agreement. Additionally, with the LNG market in the midst of a supply glut, management does not see the benefit of entering into a long-term agreement for now.
- Management continues to evaluate new projects on the east coast, in Sri Lanka and Bangladesh. However, the current priority would be to ramp up Kochi volumes. Capex for H2FY21 is likely to be at Rs 1.1bn.
- GAIL plans to extend the Kochi-Mangaluru pipeline to Bengaluru over 3-4 years, raising the long-term volumes prospects for PLNG' Kochi terminal.
- Kochi tariffs are being renegotiated and could need Board intervention to arrive at a consensus. However, tariffs are unlikely to fall below Rs 75/mmbtu, per management calculations.
- Operating costs in H2FY21 are likely to be at the same level or marginally higher than H1.
- Gorgon volumes at Dahej terminal stood at 7.5tbtu in Q2.



# Valuation methodology

Utilisation levels at PLNG's Dahej/Kochi terminals improved to 107%/17% in Q2FY21. Kochi volumes could improve further from Q3 as GAIL commissions its Kochi-Mangaluru pipeline. But with negotiations on tariffs still underway, we factor in the uncertainty by cutting our base tariff estimate for the Kochi terminal to Rs 72/mmbtu (from Rs 83 earlier) from FY21. We raise FY21/FY22/FY23 earnings estimates by 7%/2%/2% to factor in higher margins, despite trimming tariff assumptions. Our Sep'21 target price stands revised to Rs 330 (from Rs 310).

At 10.5x FY22E EPS, PLNG's valuations look undemanding considering healthy earnings visibility, backed by long-term contracts and expected volume ramp-up at Kochi. Further, the company will continue to expand capacity (by ~2mmtpa) through the addition of storage tanks and a jetty at Dahej terminal by FY23. Maintain BUY.

FIG 4 - REVISED ESTIMATES

(D)		FY21E			FY22E			FY23E	
(Rs mn)	Old	New	Var (%)	Old	New	Var (%)	Old	New	Var (%)
Revenue	220,228	221,117	0.4	268,525.9	267,439	(0.4)	274,690	273,524	(0.4)
EBITDA	43,138	45,020	4.4	52,313.9	52,445	0.3	56,598	56,892	0.5
EBITDA margin (%)	19.6	20.4	-	19.5	19.6	-	20.6	20.8	-
PAT	26,817	28,766	7.3	33,844	34,554	2.1	37,449	38,242	2.1
PAT margin (%)	12.2	13.0	-	12.6	12.9	-	13.6	14.0	-
EPS (Rs)	17.9	19.2	7.3	22.6	23.0	2.1	25.0	25.5	2.1

Source: Company, BOBCAPS Research

FIG 5 - VALUATION SNAPSHOT

Particulars	Dahej terminal	Kochi terminal	Total
NPV of FCFE (Rs mn)	215,989	24,368	240,357
Terminal value (Rs mn)	198,939	17,665	216,604
EV (Rs mn)	414,928	42,033	456,961
EV (Rs/share)	251	28	305
Add: Net cash, other investments (Rs mn)			37,552
Equity value (Rs mn)			434,514
Equity value (Rs/share)			330

Source: BOBCAPS Research



FIG 6 - KEY ASSUMPTIONS

	FY21E	FY22E	FY23E
Dahej terminal			
Volumes (mmtpa)	17.0	18.8	18.8
Re-gas tariffs (Rs/mmbtu)	52.5	54.0	56.7
Kochi terminal			
Volumes (mmtpa)	0.8	2.2	2.2
Re-gas tariffs (Rs/mmbtu)	72.3	75.8	79.6
Total volumes (mmtpa)	17.8	21.0	21.0
Blended EBITDA (Rs/mmbtu)	46.2	47.1	51.8
Blended re-gas tariffs (Rs/mmbtu)	56.1	57.9	63.5

Source: BOBCAPS Research

### FIG 7 - RELATIVE STOCK PERFORMANCE



Source: NSE

# Key risks

- Regulatory risks: The regasification tariffs charged by PLNG are currently not regulated by PNGRB. Any move by the government to regulate tariffs can lead to a sharp derating of the stock.
- Competition from other regasification terminals: About 20mmtpa of regasification capacities are likely to come up across India over the next 3-5 years. The closest terminal to Dahej is Mundra (GSPC-Adani JV) in Gujarat that has become operational in FY20. PLNG may have to compete for incremental contracts if it expands Dahej capacity to 20mmtpa. While current contracts fully hedge PLNG against competition, growth in volumes over the long term could be at risk.



### **FINANCIALS**

### Income Statement

Y/E 31 Mar (Rs mn)	FY19A	FY20A	FY21E	FY22E	FY23E
Total revenue	383,954	354,520	221,117	267,439	273,524
EBITDA	32,935	39,895	45,020	52,445	56,892
Depreciation	(4,112)	(7,761)	(10,034)	(10,374)	(10,822)
EBIT	28,822	32,133	34,986	42,071	46,070
Net interest income/(expenses)	(989)	(4,032)	(737)	(258)	0
Other income/(expenses)	4,503	3,726	4,208	4,381	5,056
EBT	32,336	31,827	38,457	46,195	51,126
Income taxes	(10,782)	(4,131)	(9,691)	(11,641)	(12,884)
Reported net profit	21,554	27,697	28,766	34,554	38,242
Adjusted net profit	21,554	27,697	28,766	34,554	38,242

### **Balance Sheet**

Y/E 31 Mar (Rs mn)	FY19A	FY20A	FY21E	FY22E	FY23E
Accounts payables	12,952	11,661	12,430	12,430	12,430
Other current liabilities	11,724	12,394	9,732	11,431	11,519
Provisions	278	330	330	330	330
Debt funds	11,873	10,802	5,802	0	0
Other liabilities	13,029	40,967	37,908	34,849	31,790
Equity capital	15,000	15,000	15,000	15,000	15,000
Reserves & surplus	85,661	94,530	99,736	105,991	121,861
Shareholders' fund	100,661	109,530	114,736	120,991	136,861
Total liabilities and equities	150,517	185,683	180,937	180,030	192,929
Cash and cash eq.	29,603	44,320	51,699	48,809	66,057
Accounts receivables	13,825	16,026	12,470	15,178	15,527
Inventories	5,694	4,809	6,667	6,667	6,667
Other current assets	3,230	4,565	3,051	3,445	3,495
Investments	18,033	4,034	2,256	3,611	3,785
Net fixed assets	76,651	111,882	104,394	101,921	96,998
CWIP	3,482	47	400	400	400
Total assets	150,517	185,683	180,937	180,030	192,929



### Cash Flows

Y/E 31 Mar (Rs mn)	FY19A	FY20A	FY21E	FY22E	FY23E
Net income + Depreciation	25,667	35,458	38,800	44,927	49,065
Changes in working capital	(7,924)	(3,221)	1,319	(1,403)	(311)
Other operating cash flows	(1,955)	(9,179)	(3,928)	(4,101)	(4,289)
Cash flow from operations	15,788	23,058	36,191	39,424	44,464
Capital expenditures	21,443	(25,558)	(1,122)	(9,254)	(6,074)
Other investing cash flows	4,503	3,726	4,208	4,381	5,056
Cash flow from investing	25,946	(21,833)	3,086	(4,873)	(1,018)
Debt raised/repaid	(2,658)	32,319	(8,339)	(9,141)	(3,339)
Dividends paid	(17,550)	(21,938)	(23,559)	(28,299)	(22,372)
Other financing cash flows	(548)	(424)	0	0	0
Cash flow from financing	(20,756)	9,958	(31,898)	(37,440)	(25,711)
Changes in cash and cash eq.	20,978	11,183	7,379	(2,890)	17,735
Closing cash and cash eq.	29,603	40,786	51,699	48,809	66,544

# Per Share

Y/E 31 Mar (Rs)	FY19A	FY20A	FY21E	FY22E	FY23E
Reported EPS	14.4	18.5	19.2	23.0	25.5
Adjusted EPS	14.4	18.5	19.2	23.0	25.5
Dividend per share	10.0	12.5	13.4	16.1	12.7
Book value per share	67.1	73.0	76.5	80.7	91.2

# Valuations Ratios

Y/E 31 Mar (x)	FY19A	FY20A	FY21E	FY22E	FY23E
EV/Sales	1.0	1.0	1.5	1.2	1.1
EV/EBITDA	11.4	8.9	7.5	6.1	5.5
Adjusted P/E	16.8	13.0	12.6	10.5	9.5
P/BV	3.6	3.3	3.2	3.0	2.6

# **DuPont Analysis**

Y/E 31 Mar (%)	FY19A	FY20A	FY21E	FY22E	FY23E
Tax burden (Net profit/PBT)	66.7	87.0	74.8	74.8	74.8
Interest burden (PBT/EBIT)	112.2	99.0	109.9	109.8	111.0
EBIT margin (EBIT/Revenue)	7.5	9.1	15.8	15.7	16.8
Asset turnover (Revenue/Avg TA)	250.1	210.9	120.6	148.2	146.7
Leverage (Avg TA/Avg Equity)	1.6	1.6	1.6	1.5	1.4
Adjusted ROAE	21.8	26.4	25.7	29.3	29.7

Source: Company, BOBCAPS Research | Note: TA = Total Assets



# Ratio Analysis

Y/E 31 Mar	FY19A	FY20A	FY21E	FY22E	FY23E
YoY growth (%)					
Revenue	25.5	(7.7)	(37.6)	20.9	2.3
EBITDA	(0.6)	21.1	12.8	16.5	8.5
Adjusted EPS	3.7	28.5	3.9	20.1	10.7
Profitability & Return ratios (%)					
EBITDA margin	8.6	11.3	20.4	19.6	20.8
EBIT margin	7.5	9.1	15.8	15.7	16.8
Adjusted profit margin	5.6	7.8	13.0	12.9	14.0
Adjusted ROAE	21.8	26.4	25.7	29.3	29.7
ROCE	17.1	24.0	21.7	26.1	26.7
Working capital days (days)					
Receivables	14	15	24	19	20
Inventory	6	6	12	12	12
Payables	15	14	25	21	21
Ratios (x)					
Gross asset turnover	3.5	2.7	1.4	1.7	1.6
Current ratio	2.1	2.9	3.3	3.1	3.8
Net interest coverage ratio	29.1	8.0	47.5	163.3	0.0
Adjusted debt/equity	(0.2)	(0.3)	(0.4)	(0.4)	(0.5)



### Disclaimer

#### Recommendations and Absolute returns (%) over 12 months

BUY - Expected return >+15%

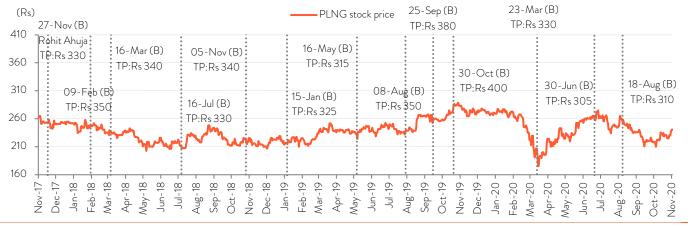
ADD - Expected return from >+5% to +15%

REDUCE - Expected return from -5% to +5%

SELL - Expected return <-5%

Note: Recommendation structure changed with effect from 1 January 2018 (Hold rating discontinued and replaced by Add / Reduce)

### RATINGS AND TARGET PRICE (3-YEAR HISTORY): PETRONET LNG (PLNG IN)



B - Buy, A - Add, R - Reduce, S - Sell

### Rating distribution

As of 31 October 2020, out of 88 rated stocks in the BOB Capital Markets Limited (BOBCAPS) coverage universe, 42 have BUY ratings, 14 have ADD ratings, 10 are rated REDUCE and 22 are rated SELL. None of these companies have been investment banking clients in the last 12 months.

#### **Analyst certification**

The research analyst(s) authoring this report hereby certifies that (1) all of the views expressed in this research report accurately reflect his/her personal views about the subject company or companies and its or their securities, and (2) no part of his/her compensation was, is, or will be, directly or indirectly, related to the specific recommendation(s) or view(s) in this report. Analysts are not registered as research analysts by FINRA and are not associated persons of BOBCAPS.

### General disclaimers

BOBCAPS is engaged in the business of Institutional Stock Broking and Investment Banking. BOBCAPS is a member of the National Stock Exchange of India Limited and BSE Limited and is also a SEBI-registered Category I Merchant Banker. BOBCAPS is a wholly owned subsidiary of Bank of Baroda which has its various subsidiaries engaged in the businesses of stock broking, lending, asset management, life insurance, health insurance and wealth management, among others.

BOBCAPS's activities have neither been suspended nor has it defaulted with any stock exchange authority with whom it has been registered in the last five years. BOBCAPS has not been debarred from doing business by any stock exchange or SEBI or any other authority. No disciplinary action has been taken by any regulatory authority against BOBCAPS affecting its equity research analysis activities.

BOBCAPS has obtained registration as a Research Entity under SEBI (Research Analysts) Regulations, 2014, having registration No.: INH000000040 valid till 03 February 2025. BOBCAPS is also a SEBI-registered intermediary for the broking business having SEBI Single Registration Certificate No.: INZ000159332 dated 20 November 2017.

BOBCAPS prohibits its analysts, persons reporting to analysts, and members of their households from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. Additionally, BOBCAPS prohibits its analysts and persons reporting to analysts from serving as an officer, director, or advisory board member of any companies that the analysts cover.

Our salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations

#### **PETRONET LNG**



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. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein.

This material should not be construed as an offer to sell or the solicitation of an offer to buy any security in any jurisdiction where such an offer or solicitation would be illegal. We are not soliciting any action based on this material. It is for the general information of BOBCAPS's clients. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Before acting on any advice or recommendation in this material, clients should consider whether it is suitable for their particular circumstances and, if necessary, seek professional advice.

The price and value of the investments referred to in this material and the income from them may go down as well as up, and investors may realize losses on any investments. Past performance is not a guide for future performance, future returns are not guaranteed and a loss of original capital may occur. BOBCAPS does not provide tax advice to its clients, and all investors are strongly advised to consult with their tax advisers regarding any potential investment in certain transactions — including those involving futures, options, and other derivatives as well as non-investment-grade securities —that give rise to substantial risk and are not suitable for all investors. The material is based on information that we consider reliable, but we do not represent that it is accurate or complete, and it should not be relied on as such. Opinions expressed are our current opinions as of the date appearing on this material only. We endeavour to update on a reasonable basis the information discussed in this material, but regulatory, compliance, or other reasons may prevent us from doing so.

We and our affiliates, officers, directors, and employees, including persons involved in the preparation or issuance of this material, may from time to time have "long" or "short" positions in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein and may from time to time add to or dispose of any such securities (or investment). We and our affiliates may act as market makers or assume an underwriting commitment in the securities of companies discussed in this document (or in related investments), may sell them to or buy them from customers on a principal basis, and may also perform or seek to perform investment banking or advisory services for or relating to these companies and may also be represented in the supervisory board or any other committee of these companies.

For the purpose of calculating whether BOBCAPS and its affiliates hold, beneficially own, or control, including the right to vote for directors, one per cent or more of the equity shares of the subject company, the holdings of the issuer of the research report is also included.

BOBCAPS and its non-US affiliates may, to the extent permissible under applicable laws, have acted on or used this research to the extent that it relates to non-US issuers, prior to or immediately following its publication. Foreign currency denominated securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or price of or income derived from the investment. In addition, investors in securities such as ADRs, the value of which are influenced by foreign currencies, effectively assume currency risk. In addition, options involve risks and are not suitable for all investors. Please ensure that you have read and understood the Risk disclosure document before entering into any derivative transactions.

In the US, this material is only for Qualified Institutional Buyers as defined under rule 144(a) of the Securities Act, 1933. No part of this document may be distributed in Canada or used by private customers in the United Kingdom.

No part of this material may be (1) copied, photocopied, or duplicated in any form by any means or (2) redistributed without BOBCAPS's prior written consent.

### Company-specific disclosures under SEBI (Research Analysts) Regulations, 2014

The research analyst(s) or his/her relatives do not have any material conflict of interest at the time of publication of this research report.

BOBCAPS or its research analyst(s) or his/her relatives do not have any financial interest in the subject company. BOBCAPS or its research analyst(s) or his/her relatives do not have actual/beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

The research analyst(s) has not received any compensation from the subject company in the past 12 months. Compensation of the research analyst(s) is not based on any specific merchant banking, investment banking or brokerage service transactions.

BOBCAPS or its research analyst(s) is not engaged in any market making activities for the subject company.

The research analyst(s) has not served as an officer, director or employee of the subject company.

BOBCAPS or its associates may have material conflict of interest at the time of publication of this research report.

BOBCAPS's associates may have financial interest in the subject company. BOBCAPS's associates may hold actual / beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

BOBCAPS or its associates may have managed or co-managed a public offering of securities for the subject company or may have been mandated by the subject company for any other assignment in the past 12 months.

BOBCAPS may have received compensation from the subject company in the past 12 months. BOBCAPS may from time to time solicit or perform investment banking services for the subject company. BOBCAPS or its associates may have received compensation from the subject company in the past 12 months for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory services in a merger or specific transaction. BOBCAPS or its associates may have received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months.