

JSW Energy

Estimate change	1
TP change	1
Rating change	\leftarrow

Bloomberg	JSW IN
Equity Shares (m)	1,640
M.Cap.(INRb)/(USDb)	96.3 / 1.3
52-Week Range (INR)	80 / 35
1, 6, 12 Rel. Per (%)	1/12/-17
12M Avg Val (INR M)	106

Financials & Valuations (INR b)

Y/E MARCH	2020	2021E	2022E
Sales	82.7	76.1	84.7
EBITDA	29.6	27.6	28.7
Adj. PAT	8.3	7.7	9.2
EBITDA Margin (%)	35.7	36.3	33.8
Cons. Adj. EPS (INR)	5.1	4.7	5.6
EPS Gr. (%)	20.0	-7.9	20.3
BV/Sh. (INR)	71.0	73.1	76.2
Ratios			
Net D:E	0.8	0.7	0.5
RoE (%)	7.1	6.5	7.5
RoCE (%)	7.8	7.2	7.9
Payout (%)	19.7	53.3	44.3
Valuations			
P/E (x)	11.5	12.5	10.4
P/BV (x)	0.8	0.8	0.8
EV/EBITDA(x)	6.6	6.5	5.7
Div. Yield (%)	1.7	4.3	4.3
FCF Yield (%)	20.4	26.1	27.0

Shareholding pattern (%)

As On	Sep-20	Jun-20	Sep-19				
Promoter	74.9	74.9	74.9				
DII	8.3	9.4	9.0				
FII	5.9	6.8	6.7				
Others 11.0 9.0 9.5							
FII Includes depository receipts							

CMP: INR59 TP: INR73 (+25%) Buy Performance impacted by lower merchant sales

Cash flow generation healthy; Debt reduction continues

- JSW Energy's (JSWE) 2QFY21 results reflect the impact of lower merchant sales volumes on the back of drop in power demand and merchant prices. However, this was partly offset by operational efficiency measures. At consolidated level, EBITDA was down 1% YoY to INR9.2b.
- Net debt (excl. acceptances) continued reducing (by ~INR8.2b during the quarter). Interest cost has also decreased 24% YoY. Further, FCF generation is expected to be robust as ~80% of JSWE's capacity is under long-term PPAs. Maintain Buy with TP of INR73/share.

S/A performance impacted by lower merchant sales

- 2QFY21 EBITDA was down 1% YoY to INR9.2b (v/s est. INR8.9b) on lower merchant volumes, partly offset by operational efficiencies. Short-term sales volumes were down 85% YoY to 110MUs. Interest cost fell 14%/24% QoQ/YoY to INR2.1b (v/s est. INR2.4b) due to debt reduction and lower borrowing costs. Reported PAT was flat YoY at INR3.5b (v/s est. INR3.4b).
- Hydro generation was flat YoY while EBITDA was up 4% YoY at INR5.1b.
 EBITDA at Barmer was down 9% YoY at INR2.5b.
- Net debt (excl. acceptances) reduced to INR76.7b (v/s INR89.5b at end-FY20). Receivables are elevated at INR21.8b but are 3% lower on YoY basis.

Management commentary highlights

- For the SECI 810 MW project, the company expects the PSA to be signed by end-FY21. The project would be completed in 24 months post the PSA signing and would be set up in Tamil Nadu (connectivity approvals have been received). Solar capacity will be ~15-20% of the capacity mix.
- The company plans to achieve ~10GW capacity over the next five years with 1-1.5GW capacity addition every year. Subsequently, JSWE expects the share of renewables to increase from 35% to 65-70% in its capacity mix.

Healthy cash flow generation, with large tied-up capacity; Maintain Buy

- JSWE has taken its first big step toward Renewables with the LOA for SECI's 810MW blended project. However, with PSA yet to be signed, we do not bake in the same in our numbers. We expect equity IRRs to be in the range of 13-14% for the project, leading to possible marginal increase in our valuation (~INR2-3/share), if successful.
- ~80% of JSWE's 4.4GW capacity is under long-term PPAs, which generate strong free cash flows. These tied-up PPAs contribute ~95% to the company's EBITDA. Further, interest cost savings and operational efficiencies have helped to partly offset lower merchant volumes. We raise our FY21/FY22E estimates by 12%/7% on account of these measures.
 Maintain Buy and raise our TP to INR73/share (earlier INR64/share), broadly led by higher value of its stake in JSW Steel.

Quarterly performance (consolidated) - INR m

Y/E March		FY20 FY21					FY20	FY21E	FY2	vs Est		
	1Q	2Q	3Q	4Q	1Q	2Q	3QE	4QE			2Q	(%)
Net Sales	24,122	21,186	19,486	17,934	18,052	19,386	18,833	19,800	82,727	76,070	19,45	0
YoY Change (%)	2.2	-12.8	-19.5	-6.8	-25.2	-8.5	-3.3	10.4			-8.2	<u> </u>
Total Expenditure	16,029	11,838	13,106	12,186	10,596	10,148	12,791	14,894	53,159	48,429	10,510	-3
EBITDA	8,093	9,348	6,380	5,748	7,455	9,238	6,042	4,905	29,569	27,641	8,94	3
Margins (%)	33.5	44.1	32.7	32.1	41.3	47.7	32.1	24.8	35.7	36.3	46.0)
Depreciation	2,913	2,943	2,932	2,893	2,895	2,916	2,950	2,992	11,681	11,753	2,963	L -2
Interest	2,698	2,722	2,611	2,480	2,404	2,072	2,157	2,052	10,511	8,685	2,362	-12
Other Income	518	1,133	676	542	816	610	624	598	2,870	2,648	830	-27
PBT before EO expense	3,000	4,816	1,513	917	2,973	4,860	1,559	460	10,247	9,851	4,459	9
Extra-Ord expense	0	0	-2,656	0	0	0	0	0	-2,656	0)
PBT	3,000	4,816	4,170	917	2,973	4,860	1,559	460	12,904	9,851	4,45	9
Tax	883	1,338	125	26	787	1,364	374	-161	2,372	2,364	1,11!	,
Rate (%)	29.4	27.8	3.0	2.8	26.5	28.1	24.0	-35	18.4	24.0	25.0)
MI and Associates	-327	-51	103	-193	53	-25	55	-283	-468	-200	-24	ł .
Reported PAT	2,444	3,530	3,941	1,084	2,132	3,521	1,130	904	10,999	7,687	3,36	5
Adj PAT	2,444	3,530	1,285	1,084	2,132	3,521	1,130	904	8,343	7,687	3,36	5
YoY Change (%)	6.6	12	-12.1	2,702	-13	0	-12.1	-17	20.0	-7.9	-!	;

Source: MOFSL, Company

Exhibit 1: Key performance parameters – Generation and PLF

			FY19				FY20			FY2	1	YoY	QoQ
		1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	%	%
Ratnagiri	MU	2,032	1,559	1,969	1,793	1,954	1,781	1,753	1,705	1,385	1,434	-19.5	3.5
Deemed P	LF %	85.0	64.0	83.7	80.0	81.7	73.7	80.8	79.0	73.0	59.0		
Vijaynagar	MU	960	905	1,002	649	662	701	802	593	405	559	-20.3	38.0
Deemed P	LF %	55.0	52.0	57.0	37.0	38.2	40.1	45.9	34.0	23.0	32.0		
Barmer	MU	1,651	1,531	1,457	1,377	1,379	1,281	1,271	1,346	1,492	1,719	34.2	15.2
Deemed P	LF %	86.0	85.0	79.5	86.0	80.8	60.0	82.3	83.0	84.0	80.0		
Hydro	MU	1,443	2,675	689	397	1,868	2,926	730	429	1,632	2,913	-0.4	78.5
Deemed P	LF %	50.7	94.0	24.2	14.0	66.3	102.7	25.6	15.1	57.3	102.0		
Total		6,086	6,670	5,117	4,216	5,867	6,701	4,556	4,073	4,914	6,625	-1.1	34.8

Source: MOFSL, Company



Conference call takeaways

- PSA for SECI's 810MW hybrid project would be signed by end-FY21 and the project should be completed after 24 months. The project will be set up in Tamil Nadu and the company has received connectivity approvals. Solar capacity will be ~15-20% of the capacity mix. PLFs for Solar would be 26-27%, while wind would be 33-35%. The company expects to get near normative (mid-teens) returns on the same.
- The company plans to achieve ~10GW capacity over the next five years with 1-1.5GW capacity addition every year. Subsequently, JSWE expects the share of Renewables to increase from 35% to 65-70% in its capacity mix.
- Spot merchant market is currently benign and tariffs are not viable. The company does not see trend improvement in merchant prices in FY21.
- Ind Barath (700MW) continues to see delays in approval process due to creditor litigation.
- Power supplied to group captive consumers has moved to a job works model, leading to lower revenue as well as fuel costs.
- PPA for Kutehr (240MW) would be signed in FY21.
- JSW Steel's Dolvi would be completed by FY21; the PPA would also be signed then.

The company is identifying locations to set up solar parks or wind turbines. This is because it is handy while bidding for SECI and evaluating JSW Group captive opportunities. JSW Group will require 1-1.2GW of renewable capacity under RPO in the future.

Exhibit 2: JSWE's portfolio of assets

S.N.	Asset	Location		Location		Fuel	Capacity	Ľ	T. PPA (N	1W)	Open		PL	.F (%)	
		State	Region		(MW)	free	PPA	Total	(MW)	FY18	FY19	FY20	FY21E		
1	Vijaynagar	K'taka	SR	Imp. coal	860		316	316	544	53.3	50.5	39.7	38.0		
2	Ratnagiri	Maha.	WR	Imp. coal	1,200		873	873	328	64.0	76.3	74.9	72.0		
3	RajWest	Raj.	NR	Lignite	1,080		1,080	1,080		72.5	70.8	62.1	60.0		
4	Baspa-II	HP	NR	Hydro	300	36	264	300		50.9	50.0	60.0	50.0		
5	K. Wangtoo	HP	NR	Hydro	1,000	120	880	1,000		52.2	52.0	60.2	50.0		
					4,440	156	3,413	3,569	872	56.1	56.6	54.5	50.4		

Source: MOFSL, Company

Valuation and view

- JSWE has taken its first big step toward renewables with the LOA for SECI's 810MW blended project. However, with PSA yet to be signed, we are not baking in the same in our numbers. We expect equity IRRs to range between 13-14% for the project, leading to possible marginal increase in our valuations (~INR2-3/share), if successful.
- We estimate 8% decline in PAT for FY21, building in lower merchant volumes/realizations. However, strong FCF generation would continue, aided by tied-up capacities. ~80% of JSWE's 4.4GW capacity is under long-term PPAs, which generate strong free cash flows. Furthermore, these tied-up PPAs contribute ~95% to the company's EBITDA. Maintain Buy, with TP of INR73/share.

Exhibit 3: SOTP Valuation

	MW	FY20	FY21E
NPV of PPAs	3,569	157,983	151,345
Merchant capacity	872	30,503	30,503
Jaigarh Power Transco		2,853	2,853
JSW Steel		17,454	17,454
Total value		208,791	202,153
Less: Net Debt		98,083	83,126
Add: Advance to JSPL		2,610	2,610
Equity value		113,318	119,027
No. of shares (mn)		1,640	1,640
Value per share (INR/sh)			73

Source: MOFSL, Company

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Financials and Valuations

Y/E March Net Sales Change (%) EBITDA	2016 98,245 4.7 40,261	2017 82,634	2018 80,490	2019	2020	2021E	2022E	2023E
Change (%)	4.7	· · · · · · · · · · · · · · · · · · ·	90.400					_U_U_U
		^	60,430	91,376	82,727	76,070	84,739	91,965
EBITDA	40,261	-15.9	-2.6	13.5	-9.5	-8.0	11.4	8.5
		33,244	27,625	28,531	29,569	27,641	28,673	30,045
% of Net Sales	41.0	40.2	34.3	31.2	35.7	36.3	33.8	32.7
Depn. & Amortization	8,543	9,692	9,661	11,637	11,681	11,753	11,825	11,905
EBIT	31,719	23,552	17,965	16,894	17,888	15,888	16,848	18,141
Net Interest	14,981	16,848	14,559	11,924	10,511	8,685	7,942	6,434
Other income	2,351	2,170	4,650	3,680	2,870	2,648	2,996	3,078
PBT after EO	20,589	8,875	3,876	8,650	12,904	9,851	11,903	14,785
Tax	5,563	2,690	2,532	2,124	2,372	2,364	2,857	3,549
Rate (%)	27.0	30.3	65.3	24.6	18.4	24.0	24.0	24.0
Reported PAT	15,026	6,185	1,344	6,526	10,531	7,487	9,046	11,237
Minority and Associates	553	-106	564	-426	-468	-200	-200	-200
Adjusted PAT	12,974	6,290	4,959	6,951	8,343	7,687	9,246	11,437
Change (%)	-6.2	-51.5	-21.2	40.2	20.0	-7.9	20.3	23.7
Balance sheet								(INR m)
Dalatice Street	2016	2017	2018	2019	2020	2021E	2022E	2023E
Share Capital	16,268	16,280	16,401	16,409	16,419	16,419	16,419	16,419
Reserves	80,773	87,405	94.697	101,814	100,037	103,524	108,570	115,807
Net Worth	97,041	103,685	111,097	118,222	116,456	119,943	124,989	132,226
Total Loans	166,607	158,803	136,452	119,225	107,531	97,531	81,531	63,531
Deferred Tax Liability	4,341	5,801	4,280	4,561	3,705	4,296	5,010	5,897
Capital Employed	268,002	268,312	251,789	241,888	227,453	221,431	211,091	201,116
Gross Block	204,963	206,625	210,352	211,303	211,717	213,517	215,317	217,318
Less: Accum. Deprn.	8,443	18,167	27,977	39,456	50,988	62,740	74,565	86,469
Net Fixed Assets	196,520	188,457	182,376	171,847	160,729	150,777	140,752	130,849
Capital WIP	3,206	5,269	2,935	4,000	3,913	3,613	3,613	3,612
Investments	9,369	13,599	20,782	21,083	10,990	10,990	10,990	10,990
Curr. Assets	69,834	72,115	54,718	55,933	69,088	72,668	71,905	71,068
Inventories	6,358	5,967	5,355	4,547	6,396	6,252	5,804	5,795
Account Receivables	29,063	21,828	11,512	14,278	21,032	19,799	18,573	15,117
Cash and Bank Balance	4,327	10,032	6,479	5,458	9,448	14,404	15,315	17,943
Others	30,086	34,288	31,372	31,650	32,213	32,213	32,213	32,213
Curr. Liability & Prov.	17,386	17,577	15,420	17,373	23,665	23,015	22,566	21,802
Account Payables	7,330	5,877	5,652	4,719	6,903	6,252	5,804	5,039
Provisions & Others	10,057	11,700	9,768	12,654	16,762	16,762	16,762	16,762
Net Curr. Assets	52,448	54,538	39,298	38,560	45,423	49,654	49,338	49,267
Appl. of Funds	268,001	268,312	251,789	241,888	227,453	221,431	211,091	201,116

Financials and Valuations

Ratios 2016 2017 2018 2019 2020 2021E 2022E Basic (INR) EPS 7.9 3.8 3.0 4.2 5.1 4.7 5.6 Cash EPS 13.1 9.7 8.9 11.3 12.2 11.9 12.8 BV/Share 59.2 63.2 67.7 72.1 71.0 73.1 76.2 DPS 2.0 2.0 2.0 1.0 1.0 2.5 2.5 Payout (%) 25.3 52.1 66.1 23.6 19.7 53.3 44.3 Valuation (x) P/E 8.8 15.3 19.4 13.8 11.5 12.5 10.4 Cash P/E 5.3 6.0 6.6 5.2 4.8 4.9 4.6 P/BV 1.2 0.9 0.9 0.8 0.8 0.8 EV/EBITDA 6.9 7.4 8.2	2023E 7.0 14.2 80.6 2.5 35.8 8.4 4.1 0.7 4.7 4.3
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	0.0
	8.6
RoIC (post-tax) 11.5 6.9 2.8 6.1 7.3 6.3 7.1	8.2
Working Capital Ratios	
Fixed Asset Turnover (x) 0.5 0.4 0.4 0.5 0.5 0.6	0.7
Asset Turnover (x) 0.4 0.3 0.3 0.4 0.4 0.3 0.4	0.5
Debtor (Days) 108 96 52 57 93 95 80	60
Inventory (Days) 24 26 24 18 28 30 25	23
Leverage Ratio (x)	
Net Debt/EBITDA 4.0 4.5 4.7 4.0 3.3 3.0 2.3	1.5
Debt/Equity 1.7 1.4 1.2 1.0 0.8 0.7 0.5	0.3
Cash flow statement	(INR m)
2016 2017 2018 2019 2020 2021E 2022E	2023E
EBITDA 40,261 33,244 27,625 28,531 29,569 27,641 28,673	30,045
FX gain/loss 0 0 0 -9 0 0 0	0
WC -4,902 6,929 11,796 -3,266 -7,743 726 1,226	2,700
Others 3,006 740 1,472 1,395 746 0 0	0
Direct taxes (net) -2,989 -2,387 -1,556 -2,007 -1,751 -1,773 -2,142	-2,661
CF from Op. Activity 35,376 38,526 39,338 24,644 20,820 26,594 27,756	30,084
Capex -349 -3,715 -1,208 -2,335 -1,210 -1,500 -1,800	-2,000
FCFF 35,027 34,811 38,131 22,310 19,611 25,094 25,956	28,084
Interest income 883 810 2,701 2,338 2,101 0 C	0
Investments in subs/assoc35,206 0 0 0 0 0	0
Others 2,472 -3,966 -4,709 -494 2,122 2,648 2,996	3,078
CF from Inv. Activity -32,201 -6,871 -3,216 -491 3,013 1,148 1,196	1,078
Share capital 0 62 733 51 54 0 0	0
Borrowings 2,768 -5,289 -24,906 -13,503 -7,070 -10,000 -16,000	-18,000
Finance cost -14,891 -16,796 -14,318 -11,453 -10,621 -8,685 -7,942	-6,434
Dividend -4,102 -3,927 -1,185 -43 -1,979 -4,100 -4,100	-4,100
Others 0 0 0 0 0 0 0	0
CF from Fin. Activity -16,224 -25,949 -39,676 -24,948 -19,616 -22,785 -28,042	-28,534
(Inc)/Dec in Cash -13,049 5,706 -3,553 -794 4,217 4,956 911	2,628
Opening balance 17,376 4,327 10,032 6,479 5,458 9,448 14,404	15,315
Closing balance 4,327 10,033 6,479 5,685 9,676 14,404 15,315	17,943

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NOTES

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

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3 November 2020

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