## **Company Update**

## **NTPC**



Refer to important disclosures at the end of this report

CMP
Rs 164
as of (August 29, 2022)

Target Price
Rs 188 (■)
12 months

Rating BUY (■) Upside 14.8 %

- Best of both worlds
- NTPC's board has accorded investment approval for Talcher Thermal Power Project Stage III (2x660MW) at an estimated cost of ~Rs118bn. This seems to be the first step towards adding ~5GW of brownfield thermal capacity in the medium term, as stated by the company in the previous quarter.
- We believe the recent power deficit in the country (April 2022 and October 2021 saw power cuts in a few states) has prompted this move by the company. Considering that battery energy storage system and pumped storage system are still in their early stages, round-the-clock solutions like brownfield thermal have found their importance in the industry.
- NTPC currently has ~11.5GW of RE projects under various stages (~2GW installed, ~4.1GW under construction, 2.2GW bids won, and 3.2GW under tendering).
- We maintain our March'23 TP of Rs188. NTPC is expected to monetize its RE assets in the near future and continues to target 60+GW RE assets by 2032. The incremental thermal assets will add to steady earnings growth. We maintain our Buy rating on NTPC.
- Why thermal now?: While many companies have indicated not to add any further thermal capacity, NTPC recently accorded investment approval for 1320MW brownfield Talcher plant. This is the first thermal investment that the company intends to do after several years. We believe the decision has been triggered by power cuts in a few states and strong upsurge in power demand. Power demand can see strong growth in the medium term with various schemes such as PLI and several initiatives by the government to improve manufacturing base in the country. A number of these activities might add to the country's peak demand, which only battery and other storage solutions can provide. Further, a number of old thermal units would retire due to lower efficiency and environmental concerns. Being a Maharatna company, NTPC has taken the initiative to add some brownfield capacity.
- RE portfolio: NTPC currently has ~11.5GW of RE projects under various stages (~2GW installed, ~4.1GW under construction, 2.2GW bids won, and 3.2GW under tendering). While the long-term target is 60GW by 2032, the company intends to have 14-15GW in the next few years. NTPC is setting up the country's largest Solar Park of 4.75GW in Gujarat and has invited bids for 3000MWh ESS and 500MWh BSS.
- Valuation and Outlook: NTPC, with ~69GW of capacity, has huge expansion plans over the next decade – 130GW by 2032 with 60GW of RE capacity. With 16GW of underconstruction projects, it will add 4-5GW per year in the medium term. We believe while NTPC has shown its competitive stance on RE bids (~11GW under various stages), its recent decision to add ~5GW of thermal power provides steadiness in the earnings outlook going ahead. We maintain our Buy rating with March'23 TP of Rs188.

Please see our sector model portfolio (Emkay Alpha Portfolio): Eng. & Cap. Goods, Infra, Power (Page 5)

## Financial Snapshot (Standalone)

(De mn)	FY21	FY22	FY23E	FY24E	FY25E
(Rs mn)	ГІДІ	F 1 2 2	FIZOE	F124E	FIZƏE
Revenue	9,92,067	11,61,373	11,18,112	11,76,291	12,14,454
EBITDA	2,88,034	3,38,457	3,63,526	3,88,159	3,94,233
EBITDA Margin (%)	29.0	29.1	32.5	33.0	32.5
APAT	1,42,180	1,47,008	1,56,057	1,71,713	1,81,674
EPS (Rs)	14.7	15.2	16.1	17.7	18.7
EPS (% chg)	19.2	3.4	6.2	10.0	5.8
ROE (%)	12.2	11.9	11.8	12.1	12.1
P/E (x)	11.2	10.8	10.2	9.2	8.7
EV/EBITDA (x)	11.1	9.7	9.0	8.5	8.4
P/BV (x)	1.3	1.2	1.2	1.1	1.0

Change in Estimates	
EPS Chg FY23E/FY24E (%)	-/-
Target Price change (%)	-
Target Period (Months)	12
Previous Reco	BUY
<del>-</del>	

# Emkay vs Consensus EPS Estimates

	FY23E	FY24E
Emkay	16.1	17.7
Consensus	17.2	18.9
Mean Consensus TP	(12M)	Rs 185
04   1   1   1   1		

#### Stock Details

Ctook Dotaino	
Bloomberg Code	NTPC IN
Face Value (Rs)	10
Shares outstanding (mn)	9,697
52 Week H/L	166 / 112
M Cap (Rs bn/USD bn)	1,586 / 19.86
Daily Avg Volume (nos.)	1,78,47,830
Daily Avg Turnover (US\$ m	n) 33.6

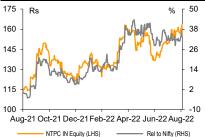
## Shareholding Pattern Jun '22

Promoters	51.1%
Flls	14.0%
DIIs	31.3%
Public and Others	3.6%

#### **Price Performance**

(%)	1M	3M	6M	12M
Absolute	9	6	26	45
Rel. to Nifty	2	(2)	19	37

#### Relative price chart



Source: Bloomberg

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#### **Abhineet Anand**

abhineet.anand@emkayglobal.com +91 22 6624 2466

#### **Abhishek Mody**

abhishek.mody@emkayglobal.com +91 22 6624 2491

#### **Chinmay Kabra**

chinmay.kabra@emkayglobal.com

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## **Key Financials (Standalone)**

## **Income Statement**

Y/E March (Rs mn)	FY21	FY22	FY23E	FY24E	FY25E
Revenue	9,92,067	11,61,373	11,18,112	11,76,291	12,14,454
Expenditure	7,04,034	8,22,916	7,54,586	7,88,132	8,20,221
EBITDA	2,88,034	3,38,457	3,63,526	3,88,159	3,94,233
Depreciation	1,04,118	1,12,341	1,23,681	1,32,548	1,35,114
EBIT	1,83,916	2,26,116	2,39,845	2,55,611	2,59,118
Other Income	47,996	52,172	42,593	47,937	58,324
Interest expenses	74,590	73,509	87,367	88,907	90,350
PBT	1,57,321	2,04,778	1,95,071	2,14,641	2,27,092
Tax	19,254	43,664	39,014	42,928	45,418
Extraordinary Items	4,113	0	0	0	0
Minority Int./Income from Assoc.	0	0	0	0	0
Reported Net Income	1,38,067	1,61,114	1,56,057	1,71,713	1,81,674
Adjusted PAT	1,42,180	1,47,008	1,56,057	1,71,713	1,81,674

## **Balance Sheet**

Y/E March (Rs mn)	FY21	FY22	FY23E	FY24E	FY25E
Equity share capital	96,967	96,967	96,967	96,967	96,967
Reserves & surplus	10,92,888	11,83,544	12,69,375	13,63,817	14,54,654
Net worth	11,89,855	12,80,511	13,66,342	14,60,784	15,51,621
Minority Interest	0	0	0	0	0
Loan Funds	16,40,894	17,06,471	17,47,348	17,78,139	18,07,005
Net deferred tax liability	91,610	1,00,063	1,00,063	1,00,063	1,00,063
Total Liabilities	29,22,358	30,87,044	32,13,753	33,38,986	34,58,689
Net block	16,44,489	18,00,658	17,72,086	18,16,872	17,33,091
Investment	2,86,257	2,98,811	3,18,811	3,53,811	3,91,311
Current Assets	7,47,062	7,58,528	7,35,852	7,62,059	7,82,572
Cash & bank balance	23,384	24,556	60,776	73,715	83,561
Other Current Assets	1,96,715	2,67,494	2,67,494	2,67,494	2,67,494
<b>Current liabilities &amp; Provision</b>	5,09,834	4,57,924	4,53,083	4,56,510	4,59,706
Net current assets	2,37,228	3,00,605	2,82,769	3,05,549	3,22,867
Misc. exp	0	0	0	0	0
Total Assets	29,22,358	30,87,044	32,13,753	33,38,986	34,58,689

## **Cash Flow**

Y/E March (Rs mn)	FY21	FY22	FY23E	FY24E	FY25E
PBT (Ex-Other income) (NI+Dep)	1,09,326	1,52,607	1,52,478	1,66,704	1,68,768
Other Non-Cash items	0	0	0	0	0
Chg in working cap	31,536	(53,752)	54,057	(9,842)	(7,471)
Operating Cashflow	2,70,578	3,11,613	4,28,736	3,90,899	3,96,854
Capital expenditure	(2,01,286)	(2,01,097)	(2,48,226)	(2,00,000)	(2,00,000)
Free Cash Flow	69,292	1,10,516	1,80,510	1,90,899	1,96,854
Investments	(22,248)	(12,554)	(20,000)	(35,000)	(37,500)
Other Investing Cash Flow	2,494	(47,374)	(54,167)	(59,511)	(59,511)
Investing Cashflow	(1,73,044)	(2,08,853)	(2,79,799)	(2,46,574)	(2,38,686)
Equity Capital Raised	(1,979)	0	0	0	0
Loans Taken / (Repaid)	35,013	65,577	40,877	30,791	28,866
Dividend paid (incl. tax)	(55,311)	(69,331)	(70,226)	(77,271)	(90,837)
Other Financing Cash Flow	626	(24,325)	4,000	4,000	4,000
Financing Cashflow	(96,241)	(1,01,588)	(1,12,716)	(1,31,387)	(1,48,321)
Net chg in cash	1,293	1,172	36,220	12,938	9,846
Opening cash position	22,091	23,384	24,556	60,776	73,715
Closing cash position	23,384	24,556	60,776	73,715	83,561
Source: Company, Emkay Research					

Source: Company, Emkay Research

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## **Key Ratios**

Profitability (%)	FY21	FY22	FY23E	FY24E	FY25E
EBITDA Margin	29.0	29.1	32.5	33.0	32.5
EBIT Margin	18.5	19.5	21.5	21.7	21.3
Effective Tax Rate	12.2	21.3	20.0	20.0	20.0
Net Margin	13.9	13.9	14.0	14.6	15.0
ROCE	8.1	9.3	9.0	9.3	9.3
ROE	12.2	11.9	11.8	12.1	12.1
RoIC	8.8	9.0	9.4	10.1	10.3

Per Share Data (Rs)	FY21	FY22	FY23E	FY24E	FY25E
EPS	14.7	15.2	16.1	17.7	18.7
CEPS	25.4	26.7	28.8	31.4	32.7
BVPS	122.7	132.1	140.9	150.6	160.0
DPS	5.7	7.0	7.2	8.0	9.4

Valuations (x)	FY21	FY22	FY23E	FY24E	FY25E
PER	11.2	10.8	10.2	9.2	8.7
P/CEPS	5.6	5.3	4.9	4.5	4.3
P/BV	1.3	1.2	1.2	1.1	1.0
EV / Sales	3.2	2.8	2.9	2.8	2.7
EV / EBITDA	11.1	9.7	9.0	8.5	8.4
Dividend Yield (%)	3.5	4.3	4.4	4.9	5.7

Gearing Ratio (x)	FY21	FY22	FY23E	FY24E	FY25E
Net Debt/ Equity	1.4	1.3	1.2	1.2	1.1
Net Debt/EBIDTA	5.6	5.0	4.6	4.4	4.4
Working Cap Cycle (days)	78.7	86.8	72.5	71.9	71.9

Growth (%)	FY21	FY22	FY23E	FY24E	FY25E
Revenue	1.5	17.1	(3.7)	5.2	3.2
EBITDA	6.3	17.5	7.4	6.8	1.6
EBIT	(0.4)	22.9	6.1	6.6	1.4
PAT	36.5	16.7	(3.1)	10.0	5.8

Quarterly (Rs mn)	Q4FY21	Q1FY22	Q2FY22	Q3FY22	Q4FY22
Revenue	2,65,669	2,60,385	2,83,290	2,88,648	3,29,050
EBITDA	65,078	74,389	72,244	90,619	1,01,206
EBITDA Margin (%)	24.5	28.6	25.5	31.4	30.8
PAT	44,792	31,456	32,119	41,320	56,219
EPS (Rs)	4.6	3.2	3.3	4.3	5.8

Source: Company, Emkay Research

Shareholding Pattern (%)	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22
Promoters	51.1	51.1	51.1	51.1	51.1
FIIs	13.1	13.5	14.5	14.7	14.0
DIIs	32.9	32.0	30.9	30.8	31.3
Public and Others	2.8	3.4	3.5	3.4	3.6

Source: Capitaline

## RECOMMENDATION HISTORY TABLE

Date	Closing Price	TP	Period (months)	Rating	Analyst
05-Jul-22	141	188	12m	Buy	Abhineet Anand
30-Jan-22	140	180	12m	Buy	Abhineet Anand
27-Dec-21	122	180	12m	Buy	Abhineet Anand
31-Oct-21	133	180	12m	Buy	Abhineet Anand
29-Sep-21	141	180	12m	Buy	Abhineet Anand
03-Aug-21	118	180	12m	Buy	Abhineet Anand
22-Jun-21	118	179	12m	Buy	Abhineet Anand

Source: Company, Emkay Research

## RECOMMENDATION HISTORY CHART



Source: Bloomberg, Company, Emkay Research

## Emkay Alpha Portfolio – Eng. & Capital Goods, Infra, Power



**Analyst: Abhineet Anand** 

#### **Contact Details**

abhineet.anand@emkayglobal.com +91 22 66242466

#### Sector

Engineering, Infra and Power

#### Analyst bio

Abhineet has experience of over 19 years in Engineering, Infrastructure and Power sectors as Analyst, Consultant and Engineer. Abhineet has completed his B.E. in Mechanical Engineering and PGDM in Finance from IIM Kozhikode.

Company Name	BSE200 Weight	EAP Weight	OW/UW (%)	OW/UW (bps)	EAP Weight based on Current NAV	vs last published EAP
Engineering & Capital Goods, Infra, Power	3.74	3.74	0%	0	100.00	
Action Construction Equipments	0.00	0.00	NA	0	0.00	0
HG Infra Engineering	0.00	0.00	NA	0	0.00	0
Kalpataru Power	0.00	0.00	NA	0	0.00	0
KEC International	0.00	0.00	NA	0	0.00	0
Larsen & Toubro	2.18	1.56	-29%	-62	41.63	0
CESC	0.00	0.36	NA	36	9.68	0
NHPC	0.09	0.37	305%	28	9.95	0
NTPC	0.72	0.74	1%	1	19.67	0

Source: Emkay Research

Cash

**Power Grid Corporation** 

**EAP** sector portfolio

■ High Conviction/Strong Over Weight ■ High Conviction/Strong Under Weight

#### Sector portfolio NAV

	Base				_	Latest
	1-Apr-19	25-Aug-21	25-Feb-22	25-May-22	25-Jul-22	25-Aug-22
EAP - Engineering & Capital Goods, Infra, Power	100.0	120.2	131.7	118.5	108.1	117.3
BSE200 Neutral Weighted Portfolio (ETF)	100.0	116.5	129.0	117.7	109.3	116.1

0.74

0.00

0.71

0.00

-4%

NA

19.06

0.00

0

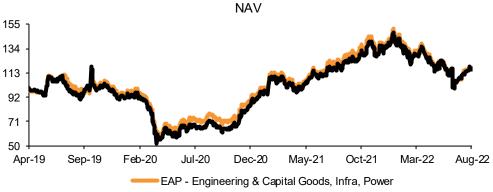
Source: Emkay Research

#### Price Performance (%)

	1m	3m	6m	12m
EAP - Engineering & Capital Goods, Infra, Pow er	8.5%	-1.1%	-11.0%	-2.4%
BSE200 Neutral Weighted Portfolio (ETF)	6.2%	-1.4%	-10.0%	-0.4%

Source: Emkay Research

## NAV chart



Source: Emkay Research

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

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

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

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

## **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: 29 Aug 2022 08:37:52 (SGT) Dissemination Date: 29 Aug 2022 08:38:52 (SGT)

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**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