

Power Grid

BSE SENSEX	S&P CNX
39,502	11,861
Bloomberg	PWGR IN
Equity Shares (m)	5,232
M.Cap.(INRb)/(USDb)	995.6 / 14.3
52-Week Range (INR)	212 / 173
1, 6, 12 Rel. Per (%)	-1/-3/-21
12M Avg Val (INR M)	1297
Free float (%)	44.6

Financials & Valuations (INR b)

2019	2020E	2021E
384.7	396.3	425.4
336.3	357.9	384.4
100.3	109.5	118.7
19.2	20.9	22.7
16.0	9.2	8.4
112.9	125.7	139.6
17.7	17.5	17.1
7.5	8.0	8.2
9.9	9.1	8.4
1.7	1.5	1.4
	384.7 336.3 100.3 19.2 16.0 112.9 17.7 7.5	384.7 396.3 336.3 357.9 100.3 109.5 19.2 20.9 16.0 9.2 112.9 125.7 17.7 17.5 7.5 8.0 9.9 9.1

Estimate change	1
TP change	1
Rating change	—

CMP: INR190 TP: INR233 (+22%)

Buy

One-offs offsets impact of receivable provisioning

Valuation attractive; Maintain Buy

4QFY19 standalone (S/A) reported PAT grew 52% YoY to INR30.5b, boosted by prior-period sales and other likely one-offs on annual tariff adjustments. For FY19, S/A reported PAT rose ~21% YoY to INR99.4b even as gross block (proxy for regulated equity) grew by ~12% YoY. The growth was aided by prior-period revenue of ~INR2.8b and other one-offs.

- S/A capitalization stood at INR192b in FY19 (INR64b in Q4FY19) v/s INR273b in the previous year. Group capitalization stood at INR258b.
- PAT of TBCB companies increased INR1.5b YoY to INR1.9b in FY19 on commissioning of three projects (to seven now) and a weaker base.
- Consol. PAT grew by a healthy 22% YoY to INR100.3b, led by a 15% YoY increase in gross block and a weaker base in TBCB.
- PWGR took a provision of INR3.9b pertaining to delay in payment by a private generator that is under stress. This is surprising given the assured return model of PWGR. PWGR loses revenue for the period when a generator defaults/relinquishes on a transmission line and until the asset is transferred under the POC mechanism.

Valuations attractive; Maintain Buy

PWGR's capitalization target of INR200-250b for FY20 could see some slippages as it is subject to timely commissioning of the Raigarh-Pugalur HVDC project where there is risk of delays due to right-of-way issues. This could lead to slower growth in FY20. While new transmission projects have slowed down in recent years, we believe there is a huge scope for long-term growth, driven by demand, renewables, increased requirement of flexibility and efficiency in the market. At CMP, the stock is trading attractively at 1.5x FY20E P/BV. RoE is strong at ~16-17%, while cost of equity (CoE) is ~10-11%. PWGR has ~INR700b (incl. CWIP) of projects pending capitalization that provides visibility of earnings growth. Maintain Buy with a DCF-based target price of INR233.

Quarterly Performance (standalone) - INR million

Y/E March	FY18 FY19						FY18	FY19	FY19	Vs Est		
	1Q	2Q	3Q	4Q	1Q	2Q	3QE	4Q			4QE	(%)
Sales	72,509	72,528	74,050	79,699	83,365	86,880	83,116	97,287	299,597	375,280	74,154	31
Change (%)	19.5	16.4	14.1	17.3	15.0	19.8	12.2	22.1	16.2	25.3	-7.0	
EBITDA	62,699	65,560	66,364	66,826	71,365	73,774	74,098	83,041	261,449	326,910	73,154	14
Change (%)	16.8	17.5	14.0	17.2	13.8	12.5	11.7	24.3	15.3	25.0	9.5	
As of % Sales	86.5	90.4	89.6	83.8	85.6	84.9	89.2	85.4	87.3	87.1	98.7	
Depreciation	21,311	22,350	23,186	24,065	24,506	25,483	26,047	25,970	90,913	102,007	25,397	2
Interest	17,624	18,673	19,555	20,055	21,406	23,095	22,753	23,660	75,907	90,914	20,941	13
Other Income	2,085	2,397	2,781	2,876	3,006	4,069	4,190	3,922	10,139	14,990	4,098	-4
PBT	25,848	26,934	26,405	25,582	28,458	29,265	29,488	37,332	104,769	148,978	30,913	21
Tax	5,324	5,523	5,996	5,536	6,053	6,170	6,177	6,792	22,379	49,593	6,407	
Effective Tax Rate (%)	20.6	20.5	22.7	21.6	21.3	21.1	20.9	18.2	21.4	33.3	20.7	
Reported PAT	20,524	21,410	20,408	20,047	22,405	23,095	23,312	30,540	82,390	99,386	24,507	25
Change (%)	14.0	14.1	5.7	4.6	9.2	7.9	14.2	52.3	9.6	20.6	22.2	

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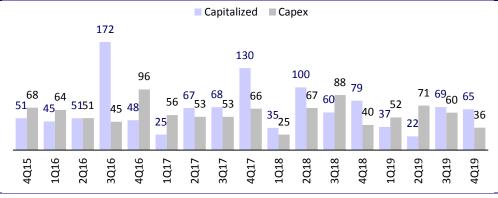
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Conference call highlights

- Capex & capitalization: Standalone FY19 capex stood at INR218b. Standalone capitalization stood at INR192b for the year. Capitalization of TBCB projects was INR62b. The company guided for FY20 capex of INR150b and capitalization of INR200-250b.
- **TBCB projects:** INR94b of TBCB projects have been capitalized so far. The remaining TBCB project work in hand stands at INR90b.
- New projects: The company highlighted that INR190b of projects are under various stages of bidding. INR93b pertains to inter-state projects, mainly related to green energy corridor. Another INR97b worth of projects are related to intra state projects.
- **Provision:** The company has taken a provision of INR3.9b pertaining to payment delay related to a private generator under financial stress. This is due to the gap between the generator defaulting/relinquishing the transmission line and the subsequent transfer to POC mechanism. PWGR highlighted that it may require provisioning of INR1b annually for the next two years.
- Raigarh Pugalur: PWGR highlighted that while terminal works for its Raigarh Pugalur (INR210b) project are progressing well, issues related to RoW remain. The company's FY20 capitalization guidance could be at risk if these issues persist.
- **FY20-24 regulatory norms:** The company highlighted that it does not expect any significant impact of the new tariff norms.

Exhibit 1: Capitalization and capex - INR m



Source: MOFSL, Company

Exhibit 2: DCF valuation

			•	Case	1	Base		Case 2	
Rf. Nominal risk free rate				(%)	6.50	(%)	7.30	(%)	8.00
B. Beta					0.75		0.75		0.75
Km. Equity Risk premium				(%)	5.00	(%)	5.00	(%)	5.00
Cost of equity (Rf+Km x B)				(%)	10.25	(%)	11.05	(%)	11.75
DCFE				INR m	INR/sh.	INR m	INR/sh.	INR m	INR/sh.
A. FY19-22				89,901	17	88,932	17	88,098	17
	RoE	Re-Invst	Growth						
	(%)	(%)	(%)						
B. FY25-32	14.00	35	4.9	607,786	116	575,476	110	549,029	105
C. Terminal Value	12.00	20	2.4	668,670	128	552,390	106	470,949	90
Target price (A+B+C)					261		233		212
CMP					190		190		190
Upside (%)					37.4		22.3		11.4
BV					126		126		126
P/BV					2.1		1.8		1.7

Source: MOFSL, Company

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Financials and Valuations

Income Statement								(INR Million
Y/E Mar	2014	2015	2016	2017	2018	2019	2020E	2021E
Net Sales	156,754	176,585	213,523	257,039	299,415	384,680	396,303	425,391
Change (%)	19.1	12.7	20.9	20.4	16.5	28.5	3.0	7.3
EBITDA	132,639	151,262	186,056	226,572	263,119	336,294	357,937	384,449
EBITDA Margin (%)	84.6	85.7	87.1	88.1	87.9	87.4	90.3	90.4
Depreciation	40,794	51,733	63,022	77,223	92,310	105,410	124,983	135,913
EBIT	91,845	99,529	123,034	149,350	170,809	230,884	232,954	248,537
Interest	32,537	40,812	50,860	62,036	73,241	87,366	96,003	100,235
Other Income	4,707	5,745	4,284	5,838	4,891	6,022	634	1,014
Extraordinary items	-425	-421	-9	0	0	0	0	0
РВТ	63,590	64,041	76,450	93,153	102,459	149,541	137,585	149,316
Tax	18,114	13,579	16,304	20,063	21,955	50,494	29,437	31,910
Tax Rate (%)	28.5	21.2	21.3	21.5	21.4	33.8	21.4	21.4
Min. Int. & Assoc. Share	0	0	0	0	0	0	0	0
Reported PAT	45,476	50,463	60,146	74,507	81,983	100,335	109,532	118,741
Adjusted PAT	45,901	50,883	60,155	74,507	86,513	100,335	109,532	118,741
Change (%)	7.2	10.9	18.2	23.9	16.1	16.0	9.2	8.4
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Balance Sheet	2014	2015	2016	2017	2010	2010		INR Million
Y/E Mar	2014	2015	2016	2017	2018	2019	2020E	2021E
Share Capital	52,316	52,316	52,316	52,316	52,316	52,316	52,316	52,316
Reserves	294,664	332,071	387,383	446,339	491,944	538,568	605,504	678,134
Net Worth	346,979	384,387	439,699	498,655	544,260	590,884	657,820	730,450
Debt	842,196	962,434	1,085,449	1,189,879	1,315,030	1,471,860	1,481,240	1,503,983
Deferred Tax	70,195	73,030	82,169	74,184	74,509	194,755	194,755	194,755
Total Capital Employed	1,259,370	1,419,852	1,607,318	1,762,718	1,933,798	2,257,499	2,333,815	2,429,188
Gross Fixed Assets	982,247	1,204,801	1,214,908	1,519,616	1,798,900	2,069,720	2,316,463	2,548,513
Less: Acc Depreciation	239,730	292,891	63,965	142,837	236,914	342,324	467,307	603,220
Net Fixed Assets	742,517	911,911	1,150,942	1,376,779	1,561,986	1,727,396	1,849,156	1,945,293
Capital WIP	323,911	404,760	354,021	296,750	289,496	289,121	208,213	178,471
Investments	4,234	2,196	9,185	11,650	12,240	12,964	12,964	12,964
Current Assets	344,235	288,776	278,769	271,272	279,548	444,095	445,336	489,493
Inventory	183,914	139,241	109,163	94,963	97,683	99,662	73,503	83,200
Debtors	16,183	22,070	27,395	31,319	36,400	47,281	47,087	47,343
Cash & Bank	49,744	29,886	22,434	33,536	21,890	43,367	62,082	82,297
Loans & Adv, Others	94,395	97,580	119,778	111,453	123,575	253,785	262,663	276,653
Curr Liabs & Provns	155,527	187,791	185,600	193,732	209,468	216,077	181,854	197,033
Curr. Liabilities	155,527	187,791	185,600	193,732	209,468	216,077	181,854	197,033
Provisions	0	0	0	0	0	0	0	0
Net Current Assets	188,708	100,985	93,170	77,539	70,080	228,018	263,482	292,460
Total Assets	1,259,370	1,419,852	1,607,318	1,762,718	1,933,801	2,257,499	2,333,815	2,429,188

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Financials and Valuations

Ratios								
Y/E Mar	2014	2015	2016	2017	2018	2019	2020E	2021E
Basic (INR)								
EPS	8.8	9.7	11.2	14.2	16.5	19.2	20.9	22.7
Cash EPS	16.6	19.6	23.0	29.0	34.2	39.3	44.8	48.7
Book Value	66.3	73.5	84.0	95.3	104.0	112.9	125.7	139.6
DPS	2.6	2.0	2.1	2.5	5.8	8.6	6.8	7.4
Payout (incl. Div. Tax.)	35.1	25.2	0.0	21.0	44.2	54.5	40.0	40.0
Valuation(x)								
P/E	12.2	14.9	17.0	13.4	11.5	9.9	9.1	8.4
Cash P/E	6.5	7.4	8.3	6.6	5.6	4.8	4.2	3.9
Price / Book Value	1.6	2.0	2.3	2.0	1.8	1.7	1.5	1.4
EV/EBITDA	10.2	11.2	11.3	9.5	8.7	7.2	6.7	6.3
Dividend Yield (%)	2.4	1.4	1.1	1.3	3.1	4.5	3.6	3.9
Profitability Ratios (%)								
RoE	14.2	13.9	14.2	15.9	16.6	17.7	17.5	17.1
RoCE	6.1	6.2	6.5	7.2	7.5	7.5	8.0	8.2
RoIC	7.9	8.4	8.6	8.9	8.9	8.7	9.2	9.3
Turnover Ratios (%)								
Asset Turnover (x)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Debtors (No. of Days)	38	46	48	44	44	45	43	41
Inventory (No. of Days)	165	108	94	70	64	56	48	48
Current Liabilities (Days)	139	145	160	142	136	120	118	115
Leverage Ratios (%)								
Net Debt/Equity (x)	2.3	2.4	2.4	2.3	2.4	2.4	2.2	1.9
Cash Flow Statement							(1	NR Million
Y/E Mar	2014	2015	2016	2017	2018	2019	2020E	2021E
Adjusted EBITDA	132,639	151,262	186,056	226,572	263,119	336,294	357,937	384,449
Non cash opr. exp (inc)	4,430	5,325	2,221	7,055	6,370	6,022	634	1,014
(Inc)/Dec in Wkg. Cap.	10,137	61,903	-19,310	4,495	-16,181	-136,462	-16,748	-8,764
Tax Paid	-12,302	-11,519	-14,156	-18,714	-22,591	-50,494	-29,437	-31,910
Other operating activities	-2,921	-4,243	-4,730	-3,264	-3,616	113,919	-634	-1,014
CF from Op. Activity	131,983	202,728	150,082	216,144	227,101	269,279	311,752	343,775
(Inc)/Dec in FA & CWIP	-250,288	-294,508	-216,795	-239,244	-261,799	-270,445	-165,835	-202,307
Free cash flows	-118,305	-91,780	-66,713	-23,100	-34,697	-1,165	145,916	141,468
(Pur)/Sale of Invt	4,139	7,934	1,030	495	4,784	7,310	2,018	2,350
Others	0	0	0	0	0	0	0	0
CF from Inv. Activity	-246,149	-286,574	-215,765	-238,749	-257,015	-263,135	-163,817	-199,957
Inc/(Dec) in Net Worth	52,966	0	0	0	0	0	0	0
Inc / (Dec) in Debt	127,244	115,070	117,171	112,506	119,924	156,830	9,380	22,743
Interest Paid	-28,374	-37,816	-47,584	-57,000	-70,480	-87,366	-96,003	-100,235
Divd Paid (incl Tax) & Others	-14,715	-13,266	-13,379	-15,921	-36,598	-54,133	-42,595	-46,112
CF from Fin. Activity	137,121	63,988	56,208	39,586	12,847	15,332	-129,218	-123,604
Inc/(Dec) in Cash	22,955	-19,858	-9,475	16,980	-17,067	21,476	18,716	20,214
Add: Opening Balance	26,789	49,744	31,909	16,556	38,957	21,890	43,367	62,083
Closing Balance	49,744	29,886	22,434	33,536	21,890	43,367	62,083	82,297

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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.

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