

Earnings drivers & outlook

We estimate 43% earnings CAGR b/w FY23-26E for Schneider Electric Infra, driven by c.30% CAGR rise in order booking (led by RDSS driven distribution spend increase), c.23% CAGR increase in inter-group sales (from commissioning of Kolkata factory), 315bps gross margin expansion and consequentially, c.525bps increase in EBITDA margin expansion.

Exhibit 85: Key earning drivers

(Rs mn)	FY21	FY22	FY23	FY24E	FY25E	FY26E	FY27E	FY28E	FY29E	FY30E	Comments
All India DISCOM capex	523,440	544,400	680,500	755,637	807,516	1,111,274	1,263,153	750,000	787,500	826,875	Medium term boost by RDSS driven ordering
Distribution equipment mkt	433,223	611,782	563,585	625,813	668,779	920,350	1,046,135	621,145	652,202	684,812	
Schneider's mkt share(%)	1.1	1.1	1.4	1.7	1.9	2.2	2.3	2.5	2.6	2.8	
Order inflow -											
Utility business	4,825	6,969	7,688	10,571	12,968	20,148	24,470	15,461	17,212	19,100	
Share of utility business in total order inflow	50.0	50.0	50.0	55.0	57.5	60.0	65.0	55.0	50.0	49.0	Increase b/w FY24-28E on account of RDSS
Total Order Inflow	9,649	13,938	15,376	19,220	22,554	33,579	37,647	28,111	34,425	38,980	
Average order book	8,214	8,525	10,139	11,216	12,678	17,148	22,652	21,839	20,040	22,451	
Execution rate (%)	130.4	138.7	142.7	150.0	150.0	145.0	140.0	145.0	150.0	150.0	Short cycle business
Revenue -											
External	10,453	11,740	13,974	18,413	20,756	26,771	33,800	33,953	32,567	36,424	
- of which, Services	789	1,008	1,303	1,433	1,576	1,734	1,907	2,098	2,308	2,539	
Inter-group	2,518	3,564	3,798	4,178	5,578	6,978	8,378	8,880	9,769	10,745	Inter-group sale to rise with commissioning of Kolkata factory in FY25E
Gross margin (%)	30.9	29.3	32.0	35.0	35.0	35.2	35.3	35.5	35.7	35.9	
Payment to parent / group entities as % of revenue	3.5	3.1	3.0	3.0	3.0	3.3	3.6	3.7	3.7	3.7	
Other costs as % of revenue	22.2	20.4	19.4	19.0	18.3	17.0	15.9	15.8	16.1	16.2	
EBITDA margin (%)	5.2	5.8	9.7	13.0	13.7	14.9	15.8	16.0	15.9	15.9	Benefit of operating leverage
Gross Fixed Asset Turnover (x)	3.2	3.6	4.0	3.9	3.6	3.8	4.1	4.1	3.9	3.8	Operating leverage, rising share of services

Source: Company data, Goldman Sachs Global Investment Research

Exhibit 86: Income Statement

Standalone financials

(Rs mn)	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Core operating revenue	13,715	13,731	12,862	15,123	17,642	22,435	26,171	33,577
Other revenue	188	113	110	180	130	156	163	172
Total revenue	13,903	13,844	12,971	15,303	17,772	22,591	26,334	33,748
- direct costs	10,010	9,830	8,963	10,814	12,085	14,684	17,117	21,886
Gross profit	3,893	4,014	4,008	4,489	5,686	7,907	9,217	11,863
<i>Gross margin (%)</i>	<i>28.0</i>	<i>29.0</i>	<i>30.9</i>	<i>29.3</i>	<i>32.0</i>	<i>35.0</i>	<i>35.0</i>	<i>35.2</i>
- employee cost	1,997	2,095	1,847	2,104	2,359	2,713	3,133	3,979
- other expense	1,532	1,585	1,492	1,493	1,612	2,257	2,483	2,855
EBITDA	363	333	669	892	1,715	2,937	3,601	5,028
<i>EBITDA margin (%)</i>	<i>2.6</i>	<i>2.4</i>	<i>5.2</i>	<i>5.8</i>	<i>9.7</i>	<i>13.0</i>	<i>13.7</i>	<i>14.9</i>
- depreciation	258	218	221	173	185	225	360	463
- finance cost	443	481	482	485	530	489	470	470
+ other income	435	120	185	99	122	69	80	79
Core PBT	97	(246)	151	334	1,122	2,293	2,851	4,174
- Forex	61	64	31	32	38	-	-	-
- MTM	-	-	-	-	-	-	-	-
+ exceptional item	(280)	14	(130)	(26)	153	(34)	-	-
Reported PBT	(244)	(296)	(10)	276	1,236	2,259	2,851	4,174
- Tax	-	-	-	-	-	45	684	1,002
<i>Tax rate (%)</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>2.0</i>	<i>24.0</i>	<i>24.0</i>
Reported PAT	(244)	(296)	(10)	276	1,236	2,214	2,167	3,172
+ Adjustments	280	(14)	97	26	(153)	34	-	-
Recurring PAT	36	(309)	87	302	1,083	2,248	2,167	3,172

Source: Company data, Goldman Sachs Global Investment Research

Exhibit 87: GSe vs. Consensus - Schneider Electric Infra standalone financials

(Rs mn)	GSe			Consensus			Divergence (%)		
Standalone	FY24E	FY25E	FY26E	FY24E	FY25E	FY26E	FY24E	FY25E	FY26E
Revenue	22,591	26,334	33,748	22,360	26,752	31,262	1.0	(1.6)	8.0
EBITDA	2,937	3,601	5,028	2,862	3,424	4,095	2.6	5.2	22.8
PAT	2,248	2,167	3,172	2,219	2,682	3,339	1.3	(19.2)	(5.0)

*as on 11th Apr'24.

Source: Bloomberg, Goldman Sachs Global Investment Research

Exhibit 88: Balance Sheet

Standalone financials

(Rs mn)	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
GFA	3,806	3,980	4,008	4,226	4,455	5,855	7,355	8,855
Accumulated depreciation	722	839	1,010	1,141	1,255	1,480	1,839	2,303
NFA	3,085	3,141	2,998	3,085	3,199	4,375	5,515	6,552
CWIP	64	42	84	60	143	143	143	143
Total Fixed Assets	3,148	3,182	3,082	3,146	3,343	4,518	5,659	6,695
Goodwill	-	-	-	-	-	-	-	-
Investment - LT	-	-	-	-	-	-	-	-
Investment - ST	-	-	-	-	-	-	-	-
Regulatory deferral balance	-	-	-	-	-	-	-	-
Other non-current assets	590	653	745	740	816	816	816	816
Inventory	2,421	2,185	2,202	2,258	2,974	3,626	4,407	5,879
Receivables	4,175	4,338	4,643	4,545	5,459	6,630	7,873	10,552
Cash & bank	184	133	229	361	196	201	254	197
Loans & advances	101	114	80	124	103	103	103	103
Other current assets	857	589	510	524	660	660	660	660
Total current assets	7,739	7,359	7,665	7,812	9,391	11,219	13,296	17,391
Payables	4,720	4,457	4,277	4,592	5,403	6,559	7,826	10,260
Provisions	1,053	977	926	891	987	987	987	987
Other current liabilities	161	89	123	95	125	125	125	125
Net current assets	1,805	1,835	2,339	2,235	2,876	3,548	4,358	6,018
Total Assets	5,543	5,671	6,165	6,120	7,034	8,882	10,832	13,529
Share capital	478	478	478	478	478	478	478	478
Reserves & surplus	(244)	(464)	(443)	(117)	1,033	3,280	5,231	7,927
Net worth	234	14	35	361	1,511	3,758	5,709	8,405
Minority interest	-	-	-	-	-	-	-	-
LT debt	1,918	4,453	4,475	4,675	4,801	4,401	4,401	4,401
ST debt	3,362	1,155	1,609	1,048	700	700	700	700
Total debt	5,281	5,608	6,084	5,723	5,501	5,101	5,101	5,101
Other non-current liabilities	28	48	45	37	23	23	23	23
Deferred tax liabilities	-	-	-	-	-	-	-	-
Total Liabilities	5,543	5,671	6,165	6,120	7,034	8,882	10,832	13,529

Source: Company data, Goldman Sachs Global Investment Research

Exhibit 89: Cash Flow Statement

Standalone financials

(Rs mn)	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Adjusted PAT	36	(309)	87	302	1,083	2,248	2,167	3,172
<u>Add:</u>								
Depreciation & Ammortisation	258	218	221	173	185	225	360	463
Minority interest & profit from associates								
Finance cost	443	481	482	485	530	489	470	470
Deferred tax	-	-	-	-	-	-	-	-
<u>Less:</u>								
Other income	435	120	185	99	122	69	80	79
Regulatory income / (expense)	-	-	-	-	-	-	-	-
Net extra-ordinary income	280	(14)	130	26	(153)	34	-	-
Operating cash flow before WC change	22	283	474	835	1,830	2,857	2,917	4,027
Change in Inventories	295	237	(18)	(55)	(716)	(652)	(781)	(1,472)
Change in Receivables	(45)	(163)	(306)	99	(915)	(1,171)	(1,243)	(2,679)
Change in Other current assets	84	255	114	(59)	(115)	-	-	-
Change in Current Liab.	(1,882)	(411)	(198)	251	939	1,156	1,267	2,434
Working Capital Inflow / (Outflow)	(1,547)	(82)	(407)	236	(807)	(667)	(757)	(1,716)
Cash flow from Operating Activities	(1,525)	201	67	1,070	1,023	2,190	2,160	2,310
Purchase of Fixed Assets	238	(152)	(70)	(195)	(312)	(1,400)	(1,500)	(1,500)
Purchase of Investments	-	-	-	-	-	-	-	-
Cash flow from capital commitments	238	(152)	(70)	(195)	(312)	(1,400)	(1,500)	(1,500)
FCF after Capital Commitments	(1,287)	49	(3)	876	712	790	660	810
(Purchase) / sale of ST Investments	-	-	-	-	-	-	-	-
Other Income	435	120	185	99	122	69	80	79
Cash flow from Investing Activities	-	-	-	-	-	-	-	-
Issue of share capital during the year	-	-	-	-	-	-	-	-
Net proceeds from fresh borrowings	807	208	533	(374)	(235)	(400)	0	0
Dividend paid including tax	-	-	-	-	-	-	(217)	(476)
Finance cost	(443)	(481)	(482)	(485)	(530)	(489)	(470)	(470)
Reserve adjustments	(118)	65	(267)	(11)	(81)	-	-	-
Cash flow from Financing Activities	247	(208)	(216)	(869)	(846)	(889)	(687)	(946)
Net extra-ordinary income	280	(14)	130	26	(153)	34	-	-
Total Increase / (Decrease) in Cash	(325)	(51)	96	132	(166)	5	53	(57)

Source: Company data, Goldman Sachs Global Investment Research

We derive our 12-month forward target price of Rs470/sh by forecasting 25 year free cash flows, in line with Hitachi Energy India, in our transmission coverage, discounted to FY26E at an 11.4% cost of equity and ascribing 5% terminal growth. Our FCF incorporates -

1. 10% revenue CAGR b/w FY23-50E, led by materialisation of our distribution TAM estimate and rise in energy efficiency linked capex spend.
2. Gross margin expansion of 650bps+ from 32% in FY23 to c.39% by FY50E, on the back of product mix improvement and rise in exports and service revenue.
3. EBITDA margin expansion of 1,400bps, on account of higher gross margins and operating leverage benefit, although against a weak base.
4. Corresponding capex rise to keep fixed asset turns in-line with 3x-4.5x range
5. We assign an M&A rank of 3 to Schneider Electric Infra (denoting low likelihood of M&A) given it is majority owned by global parent Schneider Electric (SCHN.PA) - 75% as of Dec'23).

(Rs mn)	FY25E	FY26E	FY27E	FY28E	FY29E	FY30E	FY31E	FY32E	FY35E	FY40E	FY45E	FY50E
All India distribution capex	807,516	1,111,274	1,263,153	750,000	787,500	826,875	874,973	925,861	1,052,295	1,302,323	1,535,435	1,809,917
- Distribution capex growth YoY (%)	37.6	13.7	13.7	(40.6)	5.0	5.0	5.8	5.8	4.4	4.4	3.3	3.3
India distribution equipment market	668,779	920,350	1,046,135	621,145	652,202	684,812	724,647	766,792	871,504	1,078,575	1,271,637	1,498,961
- Distribution equipment market growth YoY (%)	37.6	13.7	13.7	(40.6)	5.0	5.0	5.8	5.8	4.4	4.4	3.3	3.3
Schneider India's mkt share (%)	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.9	4.9	5.1	5.4
- Market share gain YoY (bps)		15	20	20	20	20	20	20	20	20	5	5
Share of utility business in overall order inflows	57.5	60.0	65.0	55.0	50.0	49.0	47.5	46.0	44.5	42.0	40.8	39.5
Order inflow	22,554	32,045	36,842	28,111	35,077	40,378	47,127	54,828	76,166	125,554	160,371	204,508
- Order inflow growth YoY (bps)		42.1	15.0	(23.7)	24.8	15.1	16.7	16.3	11.3	10.1	5.0	5.0
Opening order book	11,697	14,559	20,898	25,360	20,339	22,950	26,351	30,694	53,287	80,857	102,604	128,577
Order inflow	22,554	32,045	36,842	28,111	35,077	40,378	47,127	54,828	76,166	125,554	160,371	204,508
Closing order book	14,559	20,898	25,360	20,339	22,950	26,351	30,694	35,715	53,530	86,290	107,395	134,056
Average order book	13,128	17,728	23,129	22,849	21,644	24,651	28,523	33,205	53,409	83,574	104,999	131,316
Execution rate (%)	150.0	145.0	140.0	145.0	150.0	150.0	150.0	150.0	151.5	154.0	156.5	159.0
- YoY change in execution rate (bps)		(500)	(500)	500	500	-	-	-	50	50	50	50
Share of service & exports in total revenue	15.6	14.5	13.9	15.0	16.7	16.5	15.7	14.9				
- YoY change (bps)		(108)	(61)	115	170	(21)	(83)	(79)				
Gross margin (%)	35.0	35.2	35.3	35.5	35.7	35.9	36.0	36.2	36.6	37.4	38.1	38.9
Payment made to parent & group entities as % of revenue	3.0	3.3	3.6	3.7	3.7	3.7	3.7	3.7	3.8	4.0	4.0	4.0
Other operating costs as % of revenue	18.3	17.0	15.9	15.8	16.1	16.2	15.9	15.7	15.2	14.5	13.7	13.0
EBITDA	3,838	5,324	6,914	7,353	7,610	8,702	10,349	12,394	17,118	27,417	36,862	49,313
EBITDA margin (%)	19.5	20.7	21.4	22.2	23.4	23.5	24.2	24.9	21.2	21.3	22.4	23.6
Depreciation	360	463	549	628	640	691	781	871	1,248	2,418	3,958	5,499
Finance cost	470	470	571	604	465	433	539	677	694	1,090	1,469	1,664
Tax	722	1,054	1,390	1,469	1,561	1,819	2,167	2,603	3,595	5,758	7,742	10,357
PAT (ex-post tax other income)	2,286	3,337	4,403	4,652	4,944	5,759	6,862	8,243	11,581	18,151	23,692	31,794
Depreciation	360	463	549	628	640	691	781	871	1,248	2,418	3,958	5,499
Capex	(1,500)	(1,500)	(1,500)	(200)	(200)	(1,500)	(1,500)	(1,500)	(2,000)	(5,000)	(5,000)	(5,000)
Working capital	(757)	(1,716)	(3,275)	(734)	(114)	(1,110)	(1,326)	(1,487)	(1,498)	(1,416)	(1,125)	(888)
Debt repayment	-	-	2,200	(1,500)	(1,500)	800	1,500	1,500	86	1,250	641	

We conduct a Bull case scenario analysis which assumes larger distribution capex, higher market share gains for Schneider, larger gross and EBITDA margins expansion due to superior product mix, lower competitive intensity and higher operating leverage. Our bull case implied per share fair valuation suggests FY26E P/E of 40x - derived from ascribing our base case implied P/E multiple of 35x to FY30E EPS and discounting it

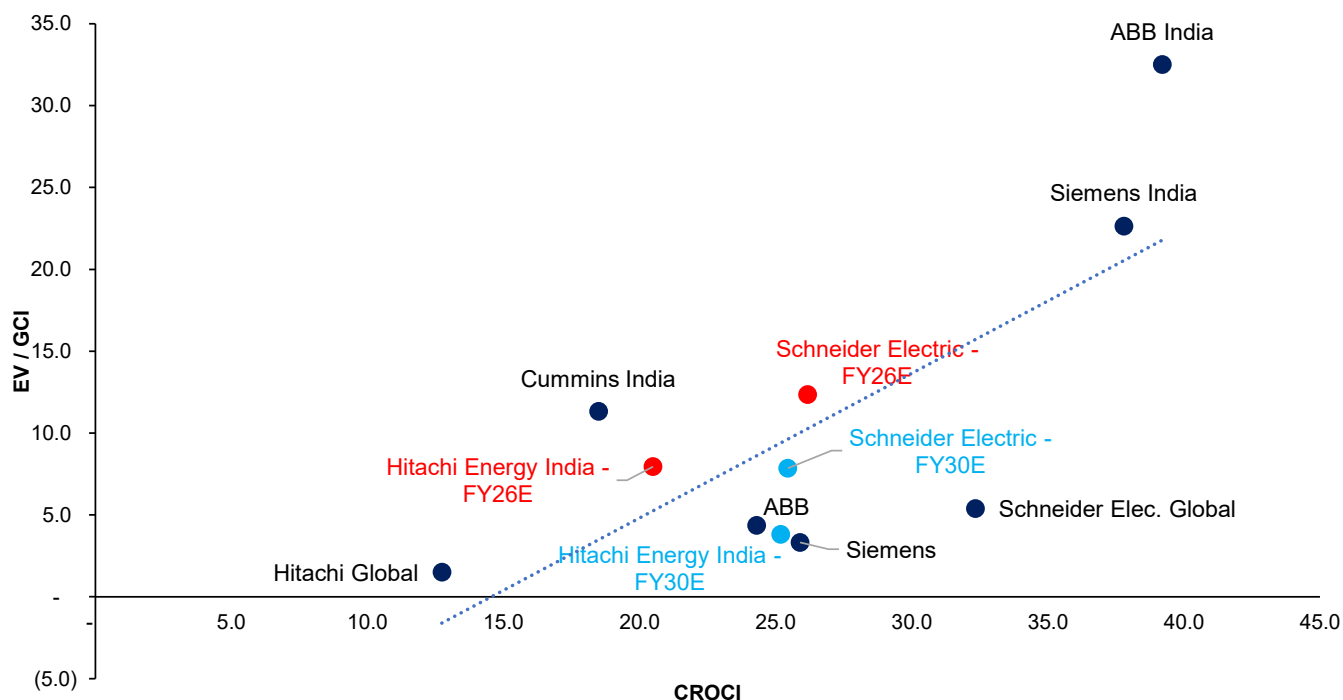
back to FY26E using GSe CoE of 13.5% (higher than our base case of 11.4% to factor the higher risk from a longer forecast horizon). In our bear case scenario, we assume lower distribution capex and higher competitive intensity, which would result in lower market share gain for Schneider and inferior gross and EBITDA margins vs. our base case.

Exhibit 91: Our Bull-case for Schneider Electric Infra factors sharper order inflow growth, larger market share gain and higher operating leverage, whereas our Bear-case factors lower distribution capex ramp up and materially lower margin improvement

Particulars	Base	Bull	Bear
Distribution asset base (CAGR %; FY23-30E)	10.8	12.0	7.7
Order inflow (CAGR %; FY23-30E)	14.2	19.0	5.2
Market share change (bps; FY23-30E)	143	210	105
Gross margin change (bps; FY23-30E)	385	570	150
Operating leverage change (bps; FY23-30E)	244	365	(440)
FY26E EPS	13	17	2
FY30E EPS	21	32	2
Implied P/E (x)	35	40	33
Fair value (Rs/sh)	470	695	50

Source: Goldman Sachs Global Investment Research

Exhibit 92: Relative positioning - Indian MNC industrial companies trade at significant premium to their global parents; we estimate Schneider Electric Infra's CROCI to improve marginally b/w FY26-30E



Source: Company data, Visible Alpha Consensus Data, Datastream, Goldman Sachs Global Investment Research

Investment thesis

We believe Schneider Electric Infra has an addressable TAM of USD27bn b/w FY24-32E, benefiting from the pick up in power distribution capex from full implementation of the Revamped Distribution System Scheme (RDSS) over the next 5 years. Incrementally, the company will also be a potential beneficiary of carbon tax imposition led efficiency improvement initiatives in the future. The company is also working towards leveraging its parent's global technology platform to improve service offerings and benefit from the global supply chain diversification theme.

However, despite these positives, current valuation of c.56x FY26E P/E appears expensive, for a largely commoditised business, offering little by way of value addition. Our reverse DCF indicates CMP is factoring c.8% terminal growth beyond 18% core earnings CAGR b/w FY23-40E.

Valuation methodology and risks

Valuation methodology: We derive our 12-month forward target price of Rs470/sh (implied FY26E P/E of 35x) by forecasting 25 year free cash flows and discounting it to FY26E by 11.4% cost of equity and ascribing 5% terminal growth. Our FCF incorporates c.10% revenue CAGR and 685bps / 1,400bps gross / EBITDA margins expansion respectively, between FY23-50E.

Key upside risks and what could make us change our view:

1. Sharper than expected ramp up in distribution capex, as state governments begin receiving capital subsidy from the central government under the RDSS.
2. Privatisation of power distribution / rise in parallel distribution licensing could lead to accelerated distribution capex spend, thereby resulting in quicker than expected materialisation of our TAM estimate.
3. In our opinion, capex on energy efficiency will be sensitive to quantum of carbon tax in future, with higher carbon taxes incentivising industries to invest more, thereby increasing the TAM for Schneider and expediting its materialisation.
4. The low probability event of Schneider Electric Infra combining with the low voltage unlisted businesses of Schneider India, could not only open new businesses for the listed company (power backup, smart metering, rooftop solar, home automation etc.), but also increase its importance in the global portfolio, significantly.

Investment theses, price targets, risks and methodologies

Power Grid Corporation of India (PGCIL)

PGCIL is the largest beneficiary of our US\$500bn+ grid capex estimate as India undergoes its energy transition. Its large balance sheet and low cost of debt position it well to capture the bulk of this opportunity, while its technical capabilities and execution experience will help the company secure large, complex projects on nomination. PGCIL has a material cost of debt advantage over its private competitors, and we believe its strong annual free cash generation from the legacy cost plus asset base is adequate to fund c.30% of India's grid capex requirement in FY24-32E, without over-leveraging or reducing its current dividend payout.

Additionally, we believe PGCIL's long-term beta of c.0.6x is not truly reflective of its risk profile, as its global peers have a median beta c.55% lower, resulting in a materially higher cost of equity - which impacts PGCIL's valuations. With comfort around earnings stability post the recent tariff regulations (which grandfathered in legacy asset returns) and a much larger returns-accretive asset base, we expect PGCIL's beta to be commensurate with its risk profile over time.

Valuation methodology: Our 12-month target price of Rs355 values the regulated transmission business on P/B, factoring in regulated equity growth, core RoE and 10.8% CoE (GSe of 13.5% adjusted for long-term beta of 0.6x). For valuing the competitively won projects, we model 35 year NPVs based on levelised bid and estimated capital cost and the consultancy & telecom businesses at 12-15x FY26E P/E.

Key downside risks: 1) delay/slower-than-expected pick-up in transmission project awards; 2) higher competitive intensity in new project auctions; and 3) sharp rise in bond yields.

Hitachi Energy India

We view Hitachi Energy India as a pure upstream manufacturing play on India's energy transition, with its technology leadership in the high-voltage equipment segment and highly indigenized manufacturing capabilities. We expect Hitachi to be a significant beneficiary of our US\$100bn/US\$500bn grid capex estimate by FY32E/50E, in addition to the US\$14bn/US\$51bn non-grid related transmission equipment spend over the same period.

Additionally, Hitachi Energy India is also expected to be a beneficiary of rising grid digitalization (opportunity to differentiate and increase share of recurring, high-margin service revenue), a global transmission equipment shortage (could improve export pricing power and factory utilization) and the supply chain diversification theme (potentially enhances India's positioning as a global feeder factory).

Valuation methodology: We derive our 12-month forward target price of Rs8,250 (implied FY26E P/E of 60x) by forecasting free cash flows out to FY40E and discounting to FY26E by 11.4% cost of equity and ascribing 5% terminal growth. Our FCF incorporates c.14% revenue CAGR and 750bps / 1500bps gross / EBITDA margins

expansion respectively, between FY23-40E.

Key downside risks: Delay in transmission capex cycle pick up, rise in competitive intensity dragging margins, increase in royalty / technology usage payments to global parent.

Schneider Electric Infrastructure Ltd.

Schneider Electric is an India-based Power Distribution company manufacturing, designing, building and servicing advanced products/systems for electricity distribution, such as distribution transformers, medium voltage switchgear, protection relays and electricity distribution and automation equipment. We expect Schneider to have a TAM of US\$27bn in FY24-32E, benefiting from the pick-up in power distribution capex from full implementation of the Revamped Distribution System Scheme (RDSS) over the next five years. Incrementally, the company will also be a potential beneficiary of efficiency improvements led by carbon tax imposition. The company is also working toward leveraging its parent's global technology platform to improve service offerings and position the India business to benefit from global supply chain diversification.

However, despite these positives, current valuation of c.57x FY26E P/E appears rich considering we expect company's RoCE to remain sub-30%. Further, unlike Hitachi Energy India, Schneider Electric Infra's products do not entail high-end technology and hence we expect the company to have sufficient pricing power to warrant the current high multiples. Our reverse DCF indicates CMP is factoring in c.8% terminal growth beyond an 18% core earnings CAGR in FY23-40E.

Valuation methodology: We derive our 12-month forward target price of Rs470 (implied FY26E P/E of 35x) by forecasting free cash flows out to FY40E and discounting to FY26E with an 11.4% cost of equity and 5% terminal growth. Our FCF incorporates a c.10% revenue CAGR and 685bps/1400bps gross/EBITDA margin expansion, respectively, in FY23-50E.

Key upside risks and what could make us change our view:

1. Sharper-than-expected ramp-up in distribution capex as state governments begin receiving capital subsidy from the central government under the RDSS.
2. Privatisation of power distribution/rise in parallel distribution licensing could lead to accelerated distribution capex spend, thereby resulting in quicker-than-expected materialisation of our TAM estimate.
3. In our opinion, capex on energy efficiency will be sensitive to the quantum of the carbon tax in future, with higher carbon taxes incentivising industries to invest more, thereby increasing the TAM for Schneider and expediting its materialisation.
4. The low probability event of Schneider Electric Infra, combined with the low voltage unlisted businesses of Schneider India, could not only open new businesses for the listed company (power backup, smart metering, rooftop solar, home automation etc.), but also significantly increase its importance in the global portfolio.

Disclosure Appendix

Reg AC

We, Apoorva Bahadur and Nikhil Bhandari, hereby certify that all of the views expressed in this report accurately reflect our personal views about the subject company or companies and its or their securities. We also certify that no part of our compensation was, is or will be, directly or indirectly, related to the specific recommendations or views expressed in this report.

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Growth is based on a stock's forward-looking sales growth, EBITDA growth and EPS growth (for financial stocks, only EPS and sales growth), with a higher percentile indicating a higher growth company. **Financial Returns** is based on a stock's forward-looking ROE, ROCE and CROCI (for financial stocks, only ROE), with a higher percentile indicating a company with higher financial returns. **Multiple** is based on a stock's forward-looking P/E, P/B, price/dividend (P/D), EV/EBITDA, EV/FCF and EV/Debt Adjusted Cash Flow (DACF) (for financial stocks, only P/E, P/B and P/D), with a higher percentile indicating a stock trading at a higher multiple. The **Integrated** percentile is calculated as the average of the Growth percentile, Financial Returns percentile and (100% - Multiple percentile).

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For a more detailed description of how we calculate the GS Factor Profile, please contact your GS representative.

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