

Suzlon Energy Limited

FY16 Earnings Presentation

30th May 2016

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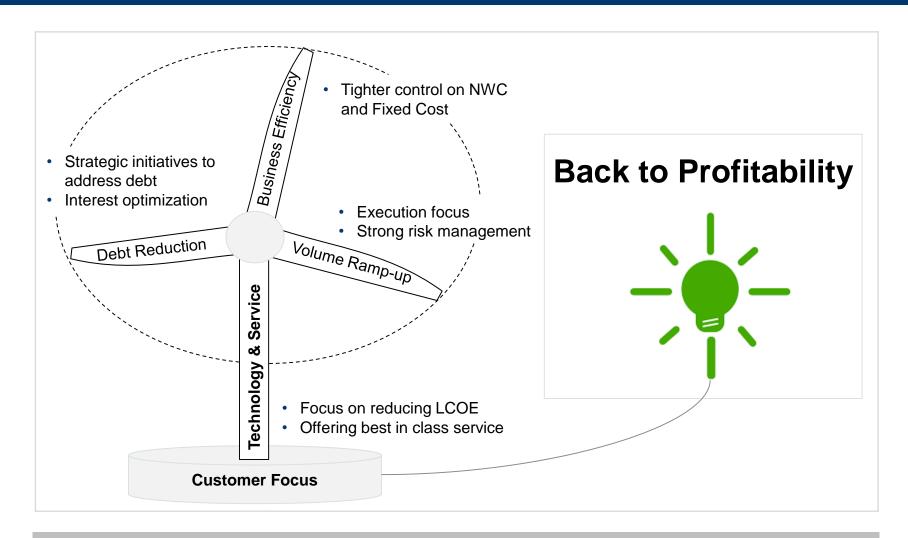
Industry Opportunity

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Detailed Financials



Sustainable Turnaround Achieved



Consolidated net profit of Rs. 483 crs in FY16



FY16 Performance Highlights













Net Interest

Net Debt Reduction

Note: (1) All Information pertains to Suzlon Wind; Net Debt reduction and Net Interest pertains to Suzlon Wind + SE Forge

(3) Cash Profit is calculated as net profit adjusted for Exceptional Items, FX Loss and Depreciation

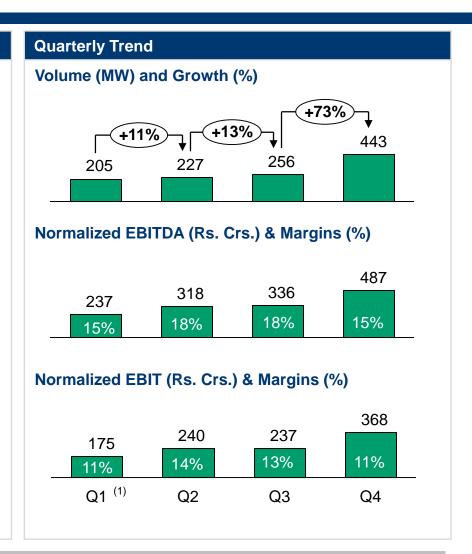


⁽²⁾ Normalised EBITDA is calculated adjusting for FX loss and Liquidated Damages

Q4 FY16 Performance Highlights

Key Takeaways

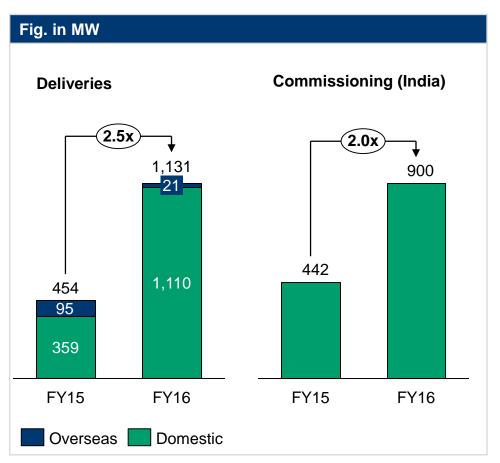
- √ 443 MW Sales Volume;
- √ 1,243 MW Order Book
- √ 15.0% Normalized EBITDA Margin
- ✓ Rs. 81 crs Normalized Net Profit

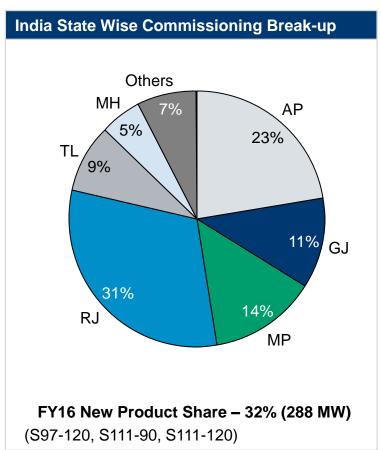


Consistent sequential growth and improving profitability



Strong Volume Ramp-Up





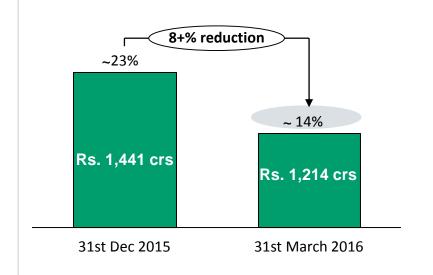
Pan India business – diversified presence



Efficient NWC Despite Higher Volume

Consolidated Net Working Capital

Despite 73% volume increase QoQ

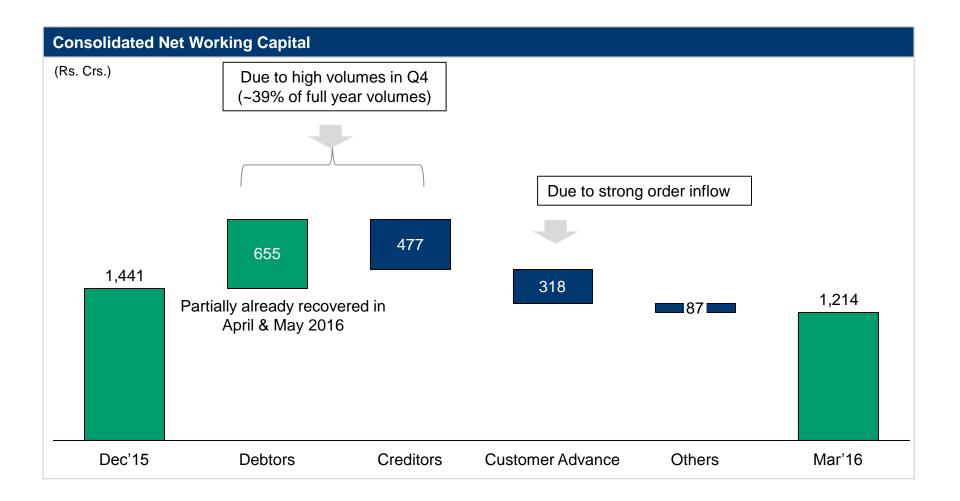


Working Capital Days (On Revenue)	Full Year FY16	Q4 Annualized (Q4 FY16 X 4)	
Inventory	~110 Days	72 Days	
Debtors	~116 Days	76 Days	
Creditors	~121 Days	79 Days	
Customer Advance	~13.9%	9.1%	
Overall	~52 Days	34 Days	

Tighter control on working capital, realised Rs. 227 crs from NWC in Q4



Net Working Capital Bridge

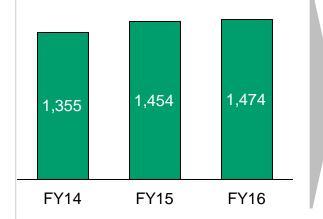




Stable Service Business

External Service Revenues

(Rs. Crs.)

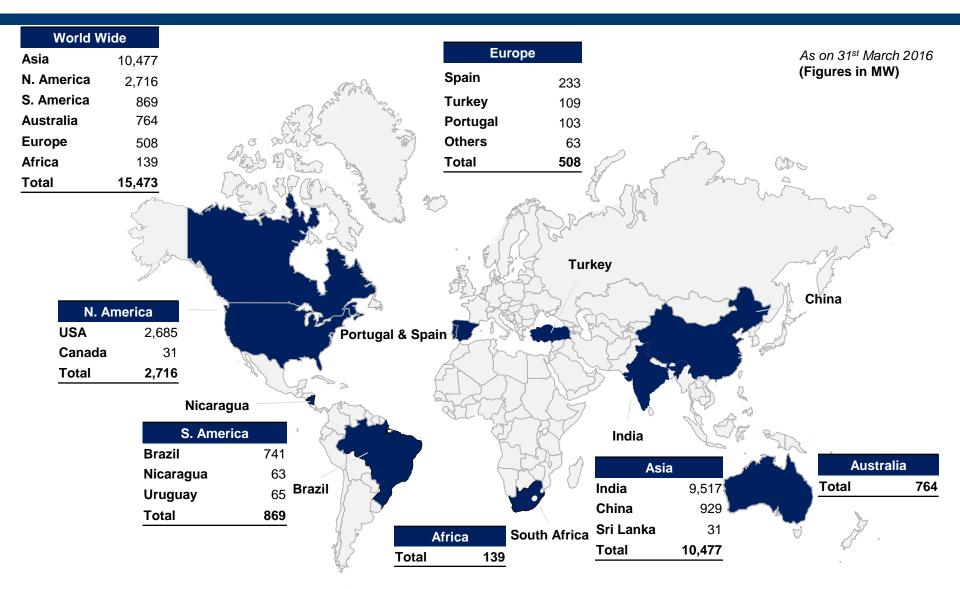


- ✓ Growing into a sizeable & highly profitable business
 - ~18% revenue share in FY16
- ✓ Annuity like business
 - Non cyclical business in nature
 - Steady cash flow generation
- √ 100% renewal track record in India
 - Every turbine sold by Suzlon in India is under our Service fold
 - Custodian of ~9.5 GW of Assets (US\$ 10 bn)
 - 20 years of track record in India

Stable cash generation



Global Cumulative Installations Cross 15GW

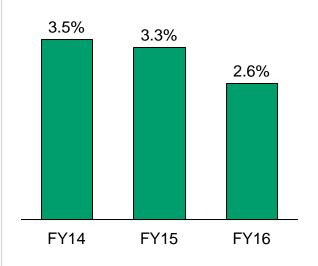




Provision Policy

Suzion Guarantee and Warranty Provisions

(Average calculated as % of Revenue)



✓ Accounting Policy:

- Comprise of provisions created against guarantee and warranty issued in connection with WTG sale
 - Created when revenue from sale of wind turbine is recognized
- Provisions estimated based on past experience
- Reversals of unused provision on expiry of guarantee and warranty period

✓ Global Wind Industry Standard Practice:

- Followed by top listed global industry leaders
- Despite Insurance and back to back warranty from suppliers

Carrying value of provisions in Balance Sheet ~Rs. 545 crs



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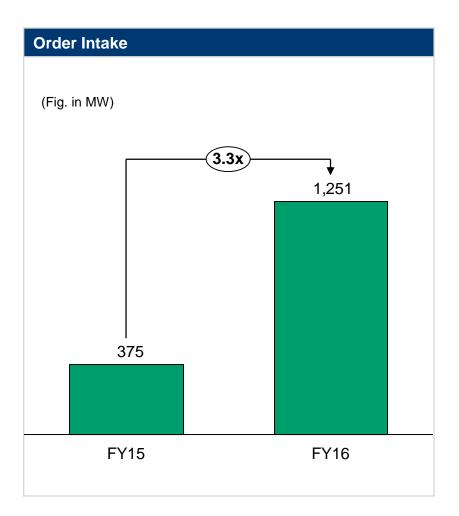
Industry Opportunity

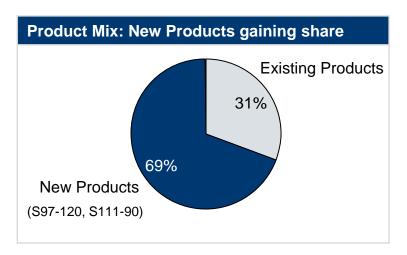
Leadership Team

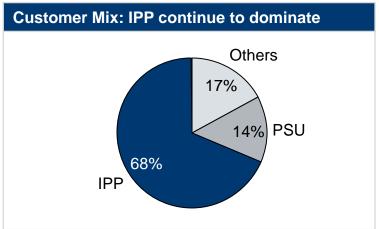
Detailed Financials



Order Intake Up 3 Fold



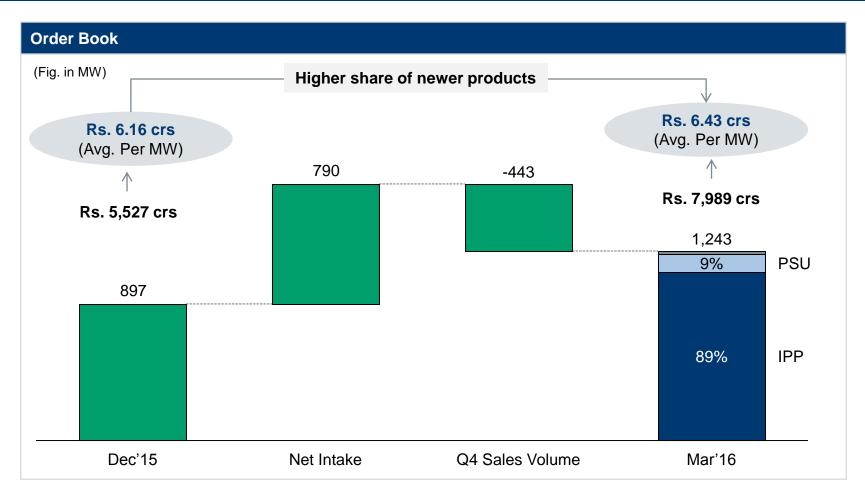




Traction across customer segments and for new technology



Strong Wind Order Backlog



Backlog for Service, SE Forge and Solar is over and above

Firm order book backed by customer advances of ~Rs. 1,000 crs



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Solar Foray: Turnkey Solution Provider

Demonstrated Capabilities in Renewables









1700+ CUSTOMER RELATIONSHIPS (IPP + PSU + SME)

Presence Across Value Chain, A Key Advantage

End-to-End Expertise

Assessment Land, Approvals, Infrastructure & PE

Supply Chain

EPC

Life Cycle Asset Management (Service)

Strong Customer Relationships

Technical Strength (Same for Wind and Solar)

- Site Development Process
- EPC Wind more complex than Solar
- O&M Wind more complex than solar

Relationship Strength (Same for Wind and Solar)

- · Regulatory Approvals
- Customers
- Project Financing assistance to customers

From "Wind Player" to "Renewable Player"



Solar Foray: Value Chain Presence

- ✓ Asset Light Approach; No in-house manufacturing
 - Equipment Supply outsourced to OEM vendors
- ✓ Turnkey Solution to Customers
 - Site Identification
 - Technology Designing & Selection
 - EPC (Construction for Solar Parks)
 - System integration
- √ Lifecycle Asset Management
 - To generate stable annuity like cash flow stream



Customers

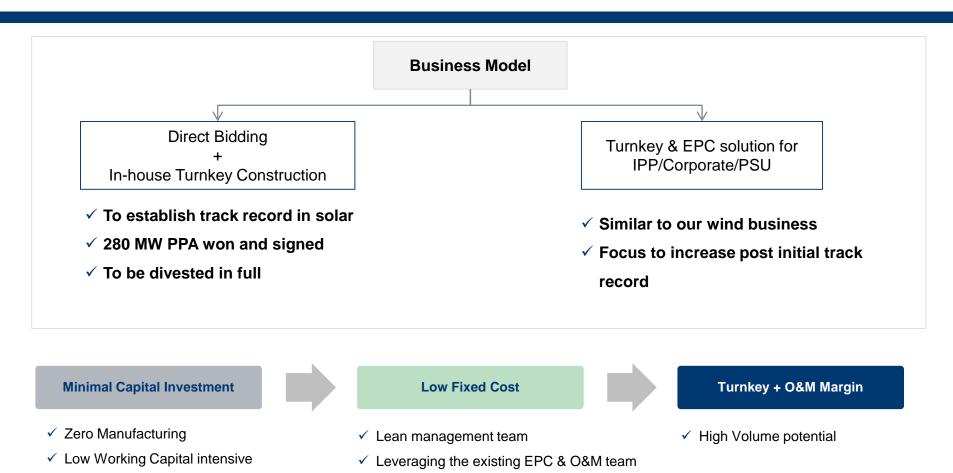
"Concept" to "Commissioning"

ONE STOP SOLUTION

Leveraging our core strengths in renewables in India



Solar Foray: Business Model



Low margin but high volume business with negligible capital investment



Solar Foray: Details of Solar Projects Won

State	# of Projects	Cumulative Size (MW)	Tariff (~Rs/unit)	Counter Party	Status
Telangana	6	210 MW	5.58	TSSPDCL	PPA Signed
Maharashtra	1	70 MW	4.43 + SECI VGF Rs. 54 Lacs		PPA Signed
Total	7	280 MW	5.38		

✓ Rationale Bidding

- Not participating in aggressive bids
- Average tariff Rs. 5.38 per unit

√ Strategic / Financial Partnership

- Early stage investor engagement on-going
- ✓ Solar SPVs held for sale; hence will not be consolidated under AS 21

Minimizing capital risk under bidding route



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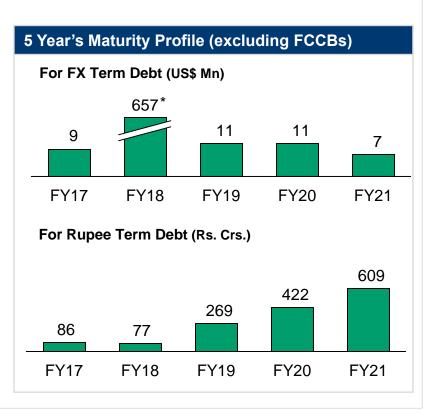
Leadership Team

Detailed Financials



Debt Profile

(As on 31 st Mar 2016)				
Consol. Debt (Excluding FCCBs)				
Rupee Term Debt (A)		Rs. 3,033 crs		
Credit Enhanced Debt (SBLC Backed)	US\$ 647 M*	Rs. 4,287 crs		
Others	US\$ 54 M	Rs. 361 crs		
FX Term Debt (B)	US\$ 701 M	Rs. 4,648 crs		
Gross Term Debt (C = A+B	Rs. 7,682 crs			
Net Term Debt	Rs. 6,542 crs			
Working Capital	Rs. 1,910 crs			



^{*}Credit Enhanced Debt and SBLC has a current bullet maturity of March 2018. SBLC facility lenders have consented to extend the SBLC till 2023; subject to procedural formalities

Back ended maturity profile; Sufficient headroom for operations



Debt Profile Optimized



For Immediate Release

29th April 2016

Suzlon subsidiary AE-Rotor Holding B.V announces the redemption of SBLC backed Bonds of US\$ 590.4 million

Mumbal, India: Suzlon Group, one of the leading global renewable energy solutions provider in the world, announced that AE-ROTOR HOLDING B.V. ("AERH"), a step down wholly owned subsidiary of Suzlon Energy Limited, had issued 5 year Bonds on March 28, 2013 for US\$ 647 million; having a 4.969% coupon rate ("Bonds") backed by SBLC facility from various lenders fronted by State Bank of India, CAG Branch, India ("SBL CAG") ("SBLC Facility"). A notice has been issued to the Bank of New York, Mellon (the "Trustee") by SBI CAG pursuant to the occurrence of a pre-payment event (sale of Senvion and large amount of equity raising at parent level resulting in reduction in SBLC by the lenders) under the Offering Circular for the issuance of the Bonds. Pursuant to the same, AERH has availed a credit facility of US\$ 590.4 million maturing in March 2018 from State Bank of India, London Branch and Export-Import Bank of India, London Branch, at coupon rate of 3.30% backed by the SBLC and repaid US\$ 590.4 million to the Bondholders on April 29, 2016.

- Out of \$647M @ 5% SBLC backed Bonds
 - \$590.4M of these bonds now stand redeemed
 - New loan of \$590.4M raised @3.3%;
 - Backed by the same SBLC
- Loan and SBLC has a current bullet maturity of March 2018
- ✓ SBLC has been agreed to be extended to March 2023; subject to procedural formalities
- ✓ To result in annual interest savings of ~\$10M.

- ✓ Successful redemption US\$ 28.8M 5% FCCB
- Repayment in cash through internal accruals
- Full compliance terms and conditions governing FCCBs
- ✓ Annual interest cost reduction by ~US\$ 1.5M



For Immediate Release

14th April 2016

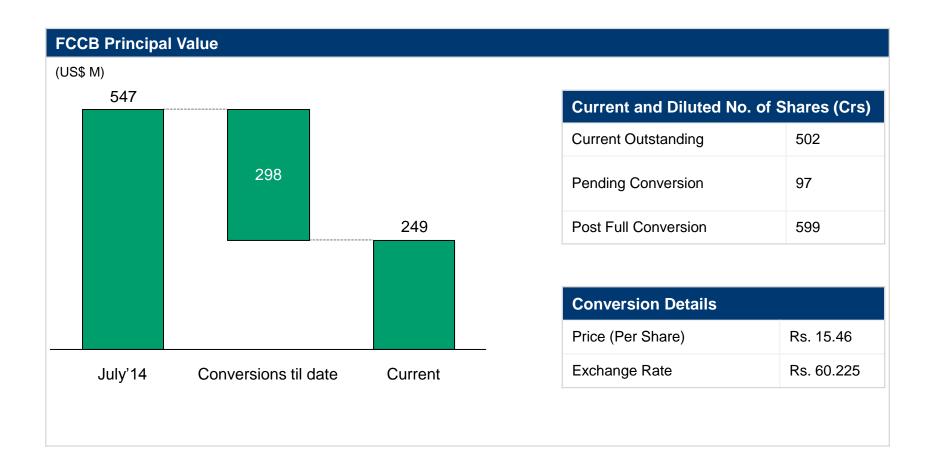
Suzlon redeems FCCBs of US\$ 28.8 million

Pune, India: The Suzlon Group, one of the leading global renewable energy solutions providers in the world, announced that it has successfully repaid in cash, Foreign Currency Convertible Bonds ("FCCBs") worth US\$ 28.8 million (mn) in principal amount, along with the applicable 8.7% redemption premium. This was part of the 5% April 2016 FCCB series (ISIN: XS0614325156), which have now been redeemed in full and will cease to exist. The repayment has been made in accordance with the terms and conditions of the FCCBs.

Annual interest cost savings of Rs. ~75 crs



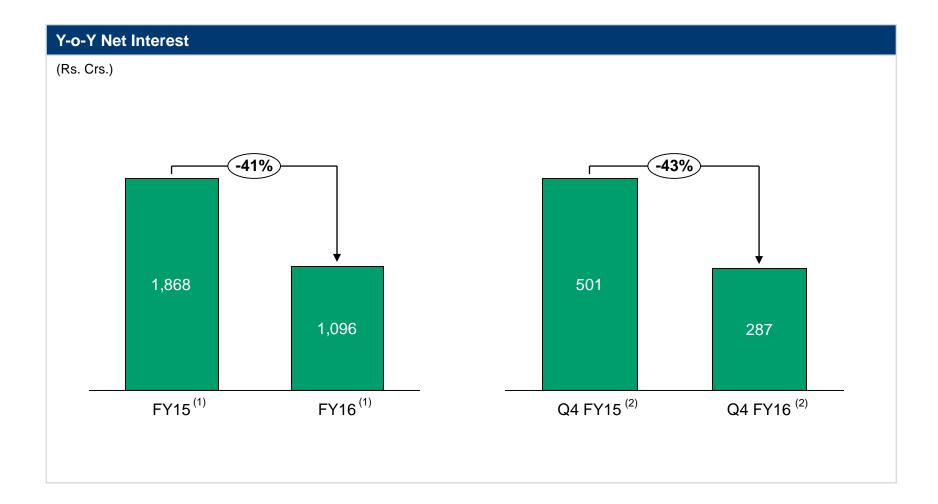
July 2019 FCCB Series Overview



Upon conversion, debt to reduce and Net worth to strengthen by ~Rs1,650 crs



Net Interest Cost



Significant savings in interest cost achieved



Outlook with Financial Institutions Improving

Suzlon & Domestic Subsidiaries (other than SE Forge)	CARE Rating	
Long Term Facilities	BBB-	
Short Term Facilities	А3	

✓ Strong confidence of Lenders

- Reduced debt
- Improved liquidity position
- Turnaround in operations
- Robust industry outlook

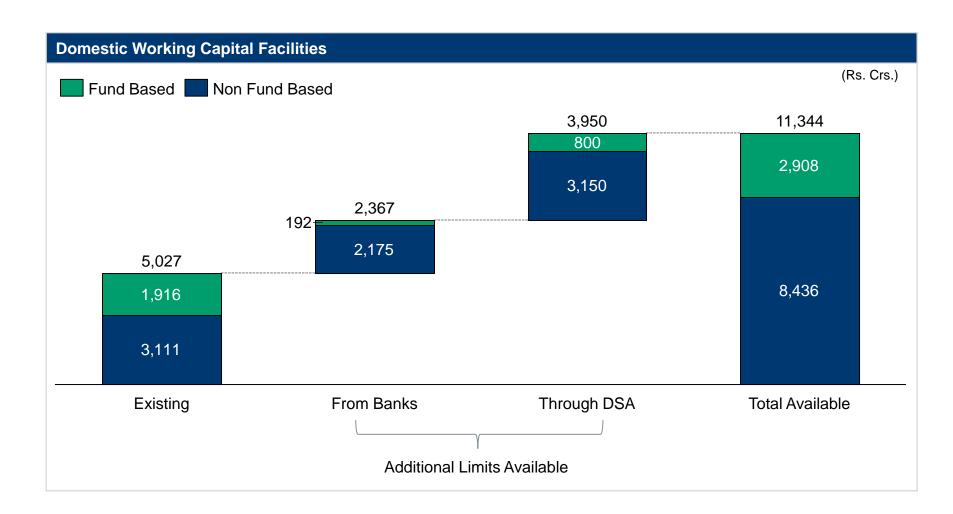
✓ Additional Working Capital facility of Rs. 2,300 crs

- On the back of improved credit rating
- Primarily non fund based
- Enables quick scale up in volumes





Substantial Financial Backing for Growth



Strong working capital lines available



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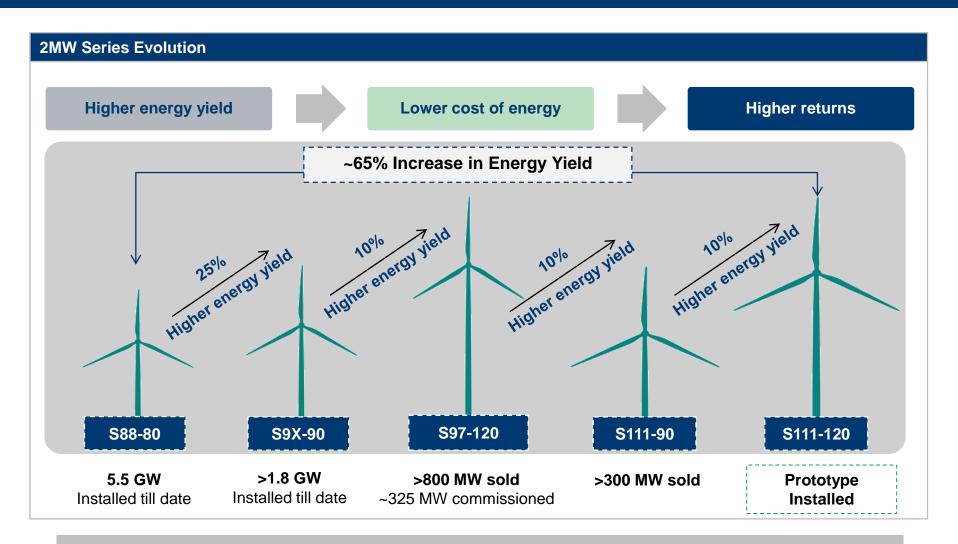
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S111: Moving Towards Bigger Turbines and Better Yields

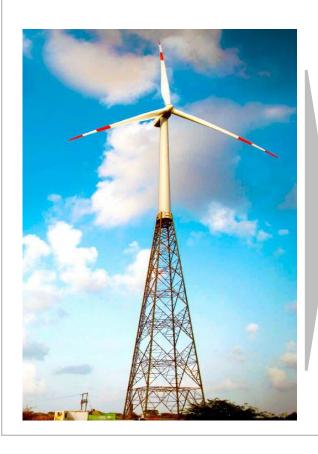


Maximizes energy output for low wind sites in India and abroad



Hybrid Tower: First of its Kind

Hybrid Tower: Combination of Lattice And Tubular



- √ Higher hub height (120 M) at optimized cost
 - Reduced LOCE due to higher AEP
 - Reduced steel requirement
 - Lower foundation cost
 - Logistic friendly access to sites that were earlier logistically challenging
- ✓ Available in S97 and S111 product suite
- √ S97 120 Prototype achieved 35% PLF
 - Installed in Jan'14; At Nani Ber District of Kutch, Gujarat
 - Generated 64.28 lacs units (kWh) over first 12 months
- ✓ S111-120: Prototype Installed
 - Targets over 40% PLF

Optimizing cost and generation for low wind sites



Strong In-House R&D Capabilities



15+ Years of Experience



Global R&D Set-up



Annual R&D Spend ~2% of Revenue



350+ R&D Employee strength

Country	Activities	Key R&D Focus Areas:	
	 Product Development & System Integration Drive Train Technology Design & Product Engineering Certification 	✓ New Product Development	
•	 Design & Product Engineering Blade Testing Center Testing Technical Field Support 	✓ Continuous Improvement of Existing Products	
	Global Wind and Site Knwoledge Centre; SCADA		
	New Blade Science CenterAerodynamics, Loads, Pitch Control Systems	✓ Real time support for Service	
	Blade Development	✓ Cost optimization through value engineering	
	Product Improvement & Technical Field Support		

Strong source of competitive advantage



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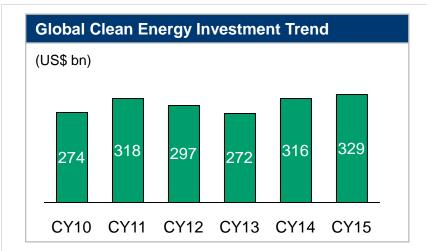
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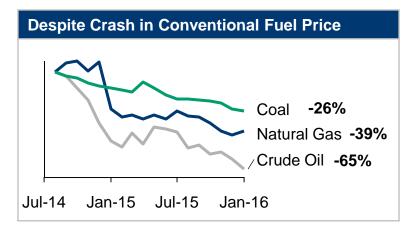
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Globally Renewables are Preferred

Record Clean Energy Investments Despite Fuel Price Crash



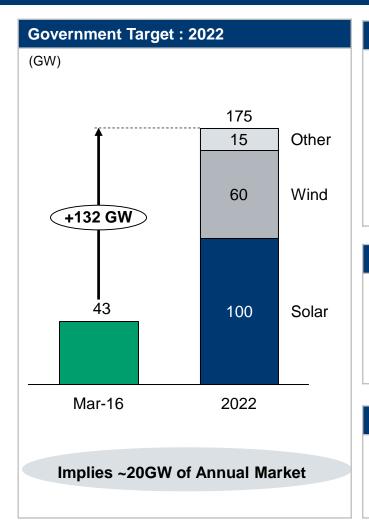


- √ Majority of Investments came from emerging market
- ✓ Increasing pie in generation mix
 - Capacity Added in 2015
 - Wind (64 GW)
 - Solar (57 GW)
 - Together constitutes about half of total power capacity added from all technologies (including conventional)
- √ Why Wind and Solar are being preferred?
 - Improving cost competitiveness
 - Modular, Scalable & low gestation period
 - No fuel price uncertainty
 - Lowering carbon footprint

From "Alternative" to "Mainstream"



India: Huge Focus on Renewables



Policy

- RE eligible investment under CSR
- Proposed amendment in EA 2003; RE Act; Recent supreme court judgment to lead to RGO and better RPO compliance
- ✓ CERC finalized forecasting & scheduling of wind projects for inter-state transactions
- ✓ National Tariff Policy amended to exempt transmission charges & losses for inter-state sales

Transmission & Distribution

- Green Corridor to enable smooth transmission of renewable energy
- ✓ Planning for evacuation through developing solar parks
- ✓ Facilitates intra state transmission of RE; Aids RPO compliance
- Introduced UDAY for improving financial health of DISCOMS

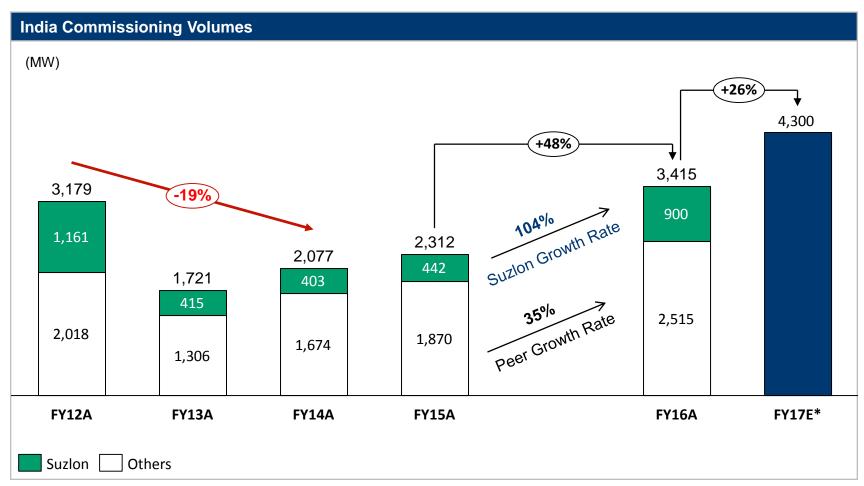
Financing

- Renewables classified under Priority sector lending
- Access to cheap funding through Green bonds / Masala bonds
- ✓ Increased financial commitment from various Financial Institutions

Unprecedented growth potential



Highest Annual Capacity Addition in 2 Decades



*FY17 E - Source: Internal Estimates

Suzlon regaining market share - Outpacing market growth



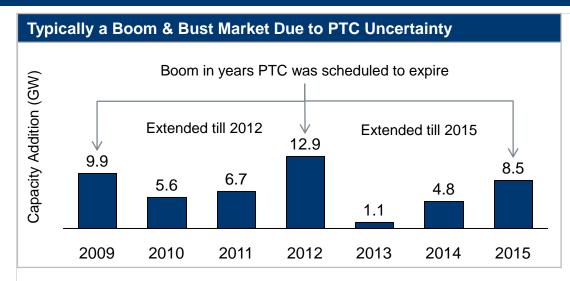
State Wise FiT and RPO Details

	Non AD Tariff (Rs./Unit)			RPO Target (Non Solar)		
	FY17	FY16		FY17	FY16	
TN	4.16	3.96	↔	9.00%	9.00%	\iff
KN	4.50	4.50	\iff	11.00%	10.00%	Û
GJ	4.68*	4.15	Û	8.25%	7.00%	Û
MP	4.78	5.92	₽	6.50%	6.00%	
AP	4.84	4.83	⇧	4.75%	4.75%	\iff
МН	5.56-3.82	5.71-3.92	\bigcirc	10.00%	8.50%	Û
RJ	6.04*-5.76*	5.74-6.02	↔	8.90%	8.20%	Û

^{*}Draft Order/Regulation/Policy



US Wind Market: Multi Year PTC Extension



PTC now extended for a block of 5 years

Construction Starting in:	Benefit*	Key Advantages
2016	100%	Long term certainty on federal policy
2017	80%	Available benefit expiring each year;
2018	60%	Benefit available next year to be lower
2019	40%	Multi Year boom market expected

Suzlon Strengths in USA

- √ ~15 Years of Strong Presence
- √ ~2.7 GW of Cumulative Installations
- ✓ Proven Technology
- ✓ Strong customer relationships
- Proven execution track record
- Proven Service Capabilities
- ✓ Strong Brand Name
- Low cost manufacturing base

Strong ordering momentum expected in 2016; 40 GW market in five years



^{* %} of Benefit Available under current PTC

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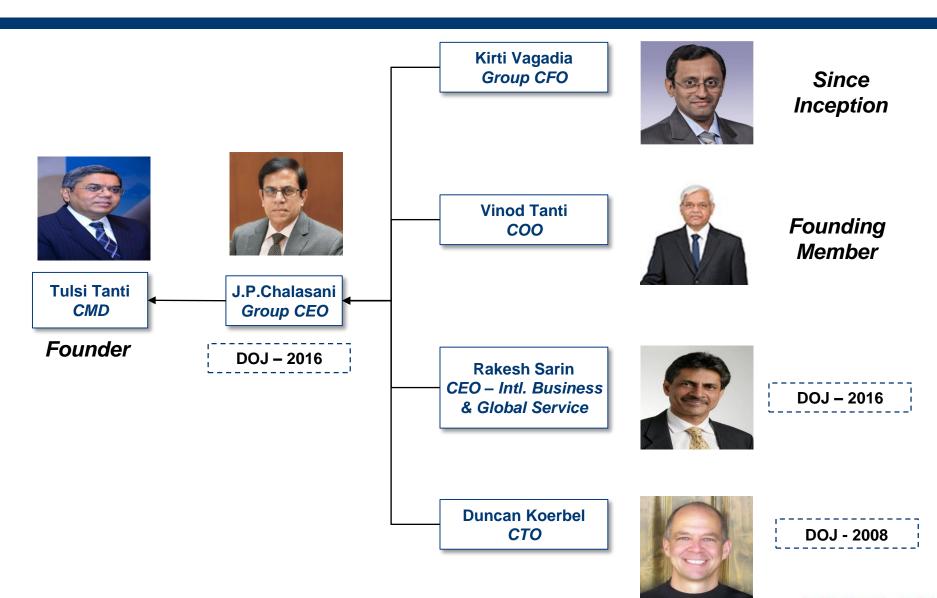
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Strengthened Management Team



Team Details

	Brief Biography	Key Roles and Responsibility
Tulsi Tanti, CMD	 Total Experience: >30 years Founder of India's largest renewable company Conceptualized "end-to-end" solution model in wind 	 Group Strategy and Vision Product & Technology Strategy Stakeholder Relationship
J P Chalasani, Group CEO	 Total Experience: >30 years Core Expertise Project and Cost Efficiency Veteran in Power sector Prior Assignments: Group CEO & MD, Punj Llyod CEO, Reliance Power 	 Group Business Management India Business (Wind and Solar) Corporate Communication Human Resource
Kirti Vagadia, Group CFO	 Total Experience: >27 years Core Expertise Strategic decision making, capital raising, global M&A activities Liability Management Led capital raising of over US\$ 8 B Executed M&A transactions worth US\$ 5 B 	 Group Finance Investor Relations Group Legal Risk Management



Team Details

	Brief Biography	Key Roles and Responsibility
Vinod Tanti, COO – SWIL	 Total Experience: >30 years Core Expertise Project planning, wind mapping and micro-siting Focuses on deriving synergy within & between value chain components 	Supply Chain ManagementProject ExecutionGlobal QSHE
Rakesh Sarin, CEO - Intl Business & Global Service	 Total Experience: >40 years Core Expertise: General Management of Global Energy Business, Sales & Marketing, Services Prior Assignments: Global President, Energy Solutions & Member on Board of Management, Wartsilla Corporation, Helsinki 	International BusinessGlobal ServicesSE Forge
Duncan Koerbel, CTO	 Total Experience: >34 years Core Expertise Engineering, R&D, operations, SCM, finance Prior Assignments: Senior Executive in aerospace industry 	InnovationNew product developmentGlobal R&D and engineering



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Income Statement

Fig. in Rs. Crs.	Q4 FY16 (Consol)	Q3 FY16 (Consol)	Q4 FY15 (Wind)	FY16 (Wind)	FY15 (Wind)
Revenue from operations	3,244	1,889	926	8,259	4,883
Less: COGS	2,077	1,026	662	4,881	3,138
Gross Profit	1,168	864	264	3,378	1,745
Margin %	36.0%	45.7%	28.5%	40.9%	35.7%
Employee benefits expense	234	200	161	807	747
Other expenses (net)	446	328	327	1,275	1,164
Normalized EBITDA	487	336	-224	1,295	-166
Margin %	15.0%	17.8%	-24.2%	15.7%	-3.4%
Less: Depreciation	119	99	97	313	376
Normalied EBIT	368	237	-322	982	-542
Margin %	11.3%	12.6%	-34.8%	11.9%	-11.1%
Net Finance costs	287	256	474	1,005	1,766
Normalized PBT	81	-18	-796	-23	-2,308
Less: Taxes and Minority	-0	-0	-6	1	68
Normalized PAT	81	-18	-790	-24	-2,376
Special Items					
Exceptional (Gain) / Loss	283	0	218	-1,039	6,312
Fx Loss	38	86	384	399	495
Liquidated Damages	31	10	-54	77	173
PAT	-271	-113	-1,337	539	-9,355



Exceptional Items

Particulars	Amount	Explanation
Senvion Transaction Related	+ve Rs. 1,322crs	Foreign Currency Translation Reserve (FCTR) was getting accumulated in reserve and surplus Release of FCTR allowed only on loss of control on subsidiary Loss of control was established upon sale of Senvion Hence FCTR release is recognised in Income Statement
Due to SBLC Bond Prepayment (Impact in Q4 FY16)	-ve Rs. 267 crs	Reversal of unamortized balance in lying in Foreign Currency Monetary Items Translation and Difference Account (FCMITDA) upon extinguishment of such Foreign Currency Monetary Items - (AS 11)
	-ve Rs. 16 crs	Ancillary borrowing cost for SBLC bond prepayment



Consolidated Working Capital

Rs Crs.

Fig. in Rs. Crs.	31 st Mar'16	31st Dec'15	30 th Sep'15	30 th Jun'15
Inventories	2,565	2,523	2,088	1,786
Trade receivables	2,697	2,042	2,030	1,692
Loans & Advances and Others	1,535	1,709	1,679	1,640
Total (A)	6,797	6,274	5,797	5,118
Sundry Creditors	2,805	2,328	2,447	2,267
Advances from Customers	1,182	865	1,045	881
Provisions and other liabilities	1,595	1,640	1,759	1,889
Total (B)	5,583	4,833	5,251	5,037
Net Working Capital (A-B)	1,214	1,441	546	81



Reported Income Statement (As per Regulation 33)

Fig. in Rs. Crs.	Q4 FY16	Q3 FY16	Q4 FY15	FY16	FY15
Revenue from operations	3,244	1,889	4,909	9,508	19,837
Less: COGS	2,077	1,026	3,494	5,604	13,619
Gross Profit	1,168	864	1,414	3,904	6,218
Margin %	36.0%	45.7%	28.8%	41.1%	31.3%
Employee benefits expense	234	200	526	954	2,227
Other expenses (net)	477	337	666	1,571	3,189
Foreign Exchange Loss / (Gain)	38	86	388	410	485
Depreciation	119	99	185	403	809
EBIT	299	142	-352	565	-493
Margin %	9.2%	7.5%	-7.2%	5.9%	-2.5%
Net Finance costs	287	256	536	1,161	2,011
Exceptional (Gain) / Loss	283	0	218	-1,064	6,312
РВТ	-271	-114	-1,106	469	-8,816
Less: Taxes and Minority	-0	-0	106	-14	342
PAT	-271	-113	-1,212	483	-9,158



Consolidated Balance Sheet (As per Regulation 33)

(Fig. in Rs. Crs.)

Liabilities	Mar-16	Mar-15	Assets	Mar-16	Mar-15
Shareholders' Fund	-7,083	-7,322	Non Current Assets		
Preference Shares	3	6	a) Fixed Assets	1,925	6,200
Minority Interest	3	64	b) Non Current Investments	45	15
	-7,077	-7,253	c) Long Term Loans & Advances	255	368
			d) Other Non Current Assets	734	464
				2,960	7,047
Non Current Liabilities					
a) Long Term Borrowings b) Other Non Current	9,226	10,787			
Liabilities& Provisions	435	1,040	Current Assets		
	9,661	11,827	a) Current Investments	316	250
Current Liabilities			b) Inventories	2,565	3,361
a) Short Term Borrowings	1,910	4,576	c) Trade Receivables	2,600	2,754
b) Trade Payables	2,805	4,556	d) Cash and bank balances	629	2,543
c) Other Current Liabilities	2,046	6,321	e) Short Term Loans & Advances	749	1,392
d) Due to customers	46	131	f) Due from customers	0	2,091
e) Short Term Provisions	574	1,574	g) Other Current Assets	148	2,294
	7,381	17,158		7,006	14,685
Total Equity and Liabilities	9,966	21,731	Total Assets	9,966	21,731



