

## **UJAAS Energy Limited**

## **Corporate Presentation**



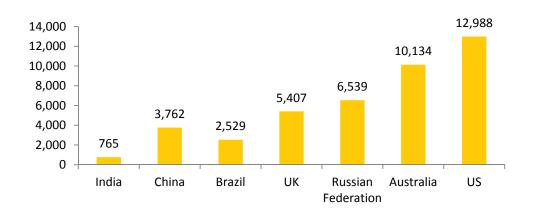
Strictly private and confidential

## **India - Energy Dynamics**

India lags BRICS with only 79% population having access to electricity ...

#### India South Africa China Brazil Russian Federation 100% 100% 100% 100% 100% 100% 110% 98% 100% 94% 98% 97% 100% 93% 85% 90% 83% 79% 75% 80% 65% 66% 70% 60% 51% 50% 40%

#### ...and one of the lowest per capita electricity consumption...



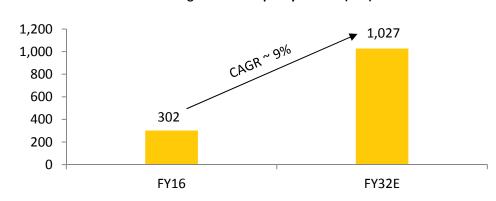
#### ...which will drive rapid growth in electricity generation

2000

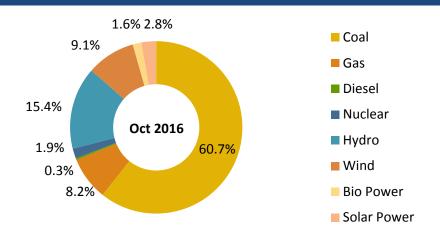
#### Installed generation capacity in India (GW)

2010

2012



#### Over dependence on fossil fuels should drive a shift in Energy Mix



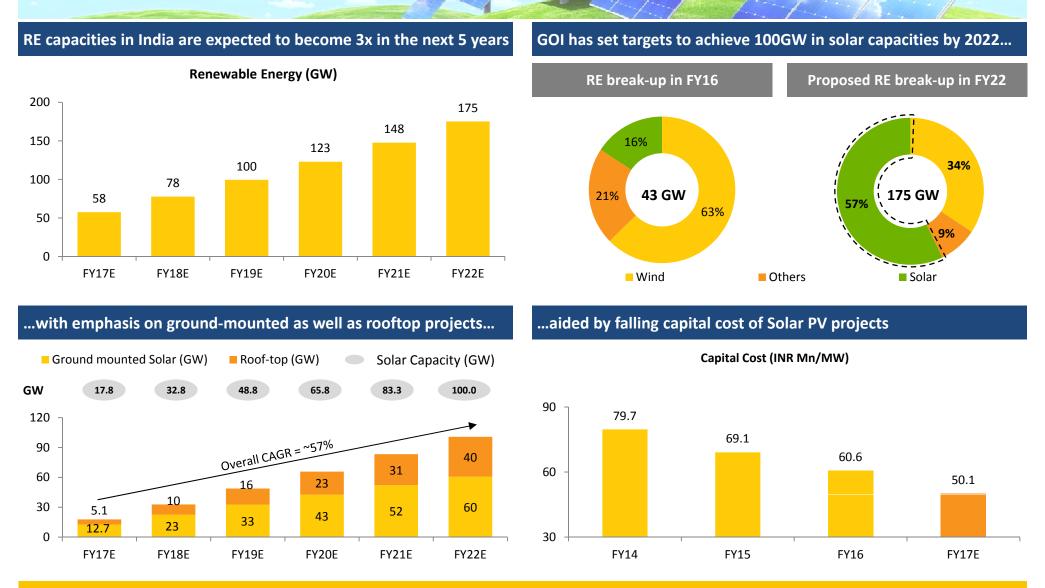
India needs additional capacities of ~725 GW over next 15 yrs of which a significant part should come through RE route

Source: World Bank, Central Electricity Authority

1990

Note: RE - Renewable Energy

## Solar power is expected to contribute significantly towards growth in RE



Over the next six years the solar power sector will require investments of ~INR 4.7 trillion

Source: Niti Aayog, India Infrastructure Research, March 2016

## **Favorable policy environment**

#### **Rooftop Subsidies**

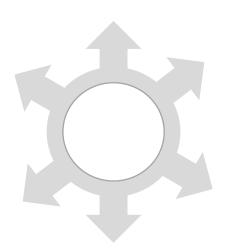
MNRE through SECI and SNAs provide CFA / Subsidy for the rooftop solar PV projects. Various States have provided additional subsidies on Solar Rooftop Eg. Gujarat provides subsidy of Rs.10,000 per Kw per consumer capped at Rs.20,000 per consumer.

#### **Strong Policy Push**

- Development of dedicated Green Corridor
- Grant of priority sector lending status to renewable energy
- UDAY Scheme to improve DISCOM strength
- Accelerated Depreciation, concessional duty & tax structures for Solar modules

#### **Others**

 The Indian Railways has announced a policy for installing 1,000MW solar panels on rooftop of railway station by FY22



#### **Key Ammendments to National Tarrif Policy**

- Increase solar RPOs to 8% by FY22 (presently from 0.25% to 1.00% in most states)
- RE power to be exempted from transmission charges

#### **Net Metering Initiatives**

 At least 22 states and union territories have released net metering regulations providing impetus to Rooftop solar sector

#### **Nationally determined committments**

 The GOI at the COP 21 summit held in Paris has committed to reduce India's emissions intensity by 33 – 35% by 2030 vs. 2005

#### Strong policy push will catalyze the growth in solar power sector

Source: India Infrastructure Research

## **Ujaas Energy Ltd ("UEL")**

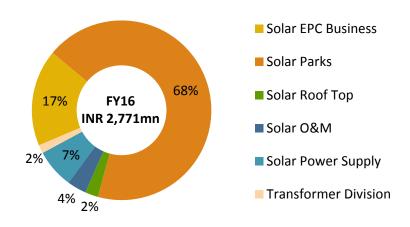
#### **Business Overview**

- Incorporated in 1979 and headquartered in Indore
- One of the leading solution provide in the Indian solar power sector focused on developing, operating, owning and maintaining a diversified portfolio of solar energy power plants under its flagship brand 'UJAAS'
- One stop comprehensive turn-key provider of solar power project offers parks, rooftop solutions, EPC and O&M services for solar plants
- First company to get registered under Solar-REC mechanism in India
- Setup projects cumulating to more than 200 MW with its own power generation capacity of 15.4 MW

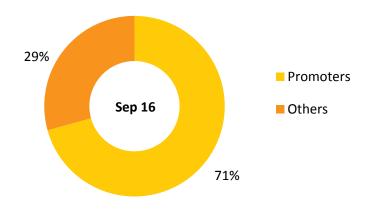
#### **Summary Financials**

INR mn	FY13	FY14	FY15	FY16	H1FY17 <sup>1</sup>
Revenue	2,426	5,255	1,111	2,771	2,149
Growth (%)	615%	117%	(79%)	149%	233%
EBITDA	454	914	423	620	337
EBITDA Margin (%)	19%	17%	38%	22%	16%
PAT	270	374	117	203	170
PAT Margin (%)	11%	7%	11%	7%	8%
Net Debt	(115)	662	939	350	430
Net-worth	1,301	1,628	1,732	1,917	2,093

#### One of the leading integrated player in the solar Eco-system

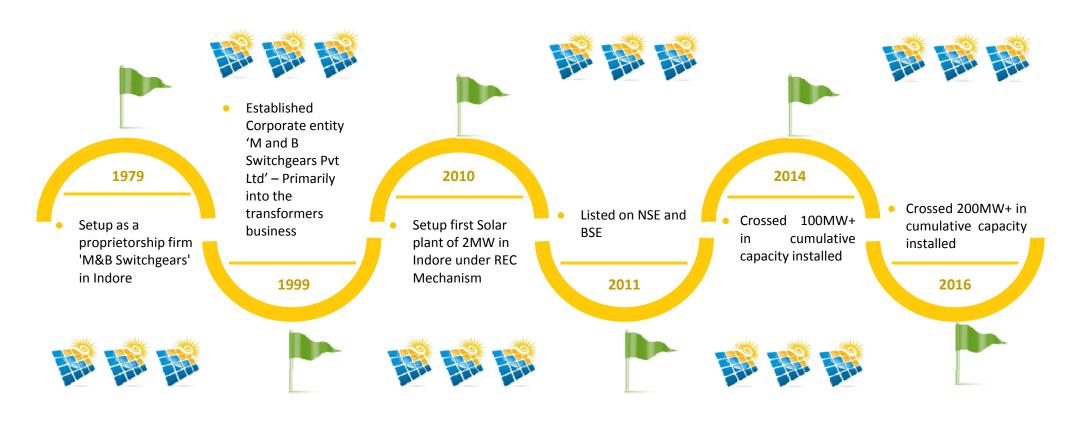


#### **Shareholding Pattern**



<sup>&</sup>lt;sup>1</sup> H1FY17 numbers are standalone

## UEL has been an early mover in the solar power sector in India









## **UEL I Key Strengths and Differentiators**

One of leading integrated solution provider in the Indian solar power sector with comprehensive service offering





Demonstrated ability to execute solar power projects across states, terrains and diversified customer base









Established track record for successfully setting up solar energy power projects

Strong Operation & Maintenance Capabilities with ~200 MW+ under management



**UEL's strengths and asset light business model offer scalability and ability to straddle across service offerings** 

# One of the leading integrated solar energy power project providers with comprehensive service offering

#### A complete turnkey solutions brand





Design and Engineering

**Supply Chain** 

Installation & Commissioning

Maintenance

Evacuation
infra expertise
for smooth
power
evacuation



Common Facilities: Monitoring equipment -SCADA



Long term
Operation &
Maintenance
agreements



Permissions, Approval & Liaison & Sale of power Advisory

**Feasibility Study** 

**Obtaining Approvals** 

**Site Development** 

Sale of Power



**Solar Solutions** 

# Ujaas Energy Ltd.

## Solar Power Production & Sale via REC

Owns & operates 15MW solar power plants



#### Solar Plants – O&M Activities

 Extension of Solar Solutions Business



#### **Transformers Division**

 Successfully extended its product range



**Ujaas Parks** 

- Developer of solar parks from acquisition to Evacuation
- Executed ~140MW of projects



- Solution provider for solar power projects
- Executed ~42MW of projects

**EPC** 



Rooftop

- Empanelled with public and private companies
- Executed ~4MW of projects



Home

 Provides energy solution for captive usage by customers, ranging from 2.0KW – 10.0KW

## Established track record for successfully setting up solar energy power projects

#### **Ujaas Projects Overview**

	Projects (#)	Capacity in (MW)	Locations (#)
Parks	9	140	9
EPC	5	42	5
Rooftop	40	4	9

#### **Key Projects Executed**



City - Ichhawar, M.P Capacity - 31.8 MW



City - Rajgarh, M.P Capacity - 16.5 MW

#### **Marquee Customers**



#### **Ujaas Parks**



**Large Indian Rice Miller** 

Large manufacturer, exporter,

and supplier of oil and salt



Manufacturer and supplier of **Automotive Parts** 





Large tobacco business



Capacity – 9.8 MW



Capacity – 16.5 MW



**Ujaas EPC** 



State Electricity Board of a large Indian State and a UT



Large Dam project



Daman & Diu I 6MW



Hyderabad | 100KW



**Ujaas Roof Top** 



Manufacturer of bulk containers



Indian manufacturer and **exporter of Carpets** 

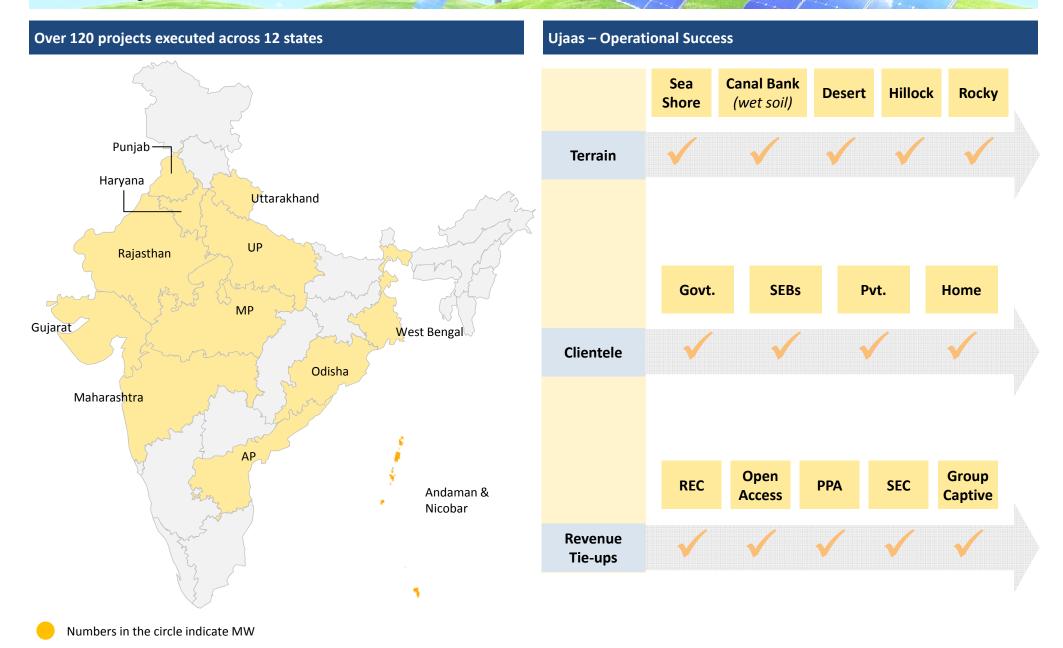


**Educational Institution** Junjhunu | 100 KW

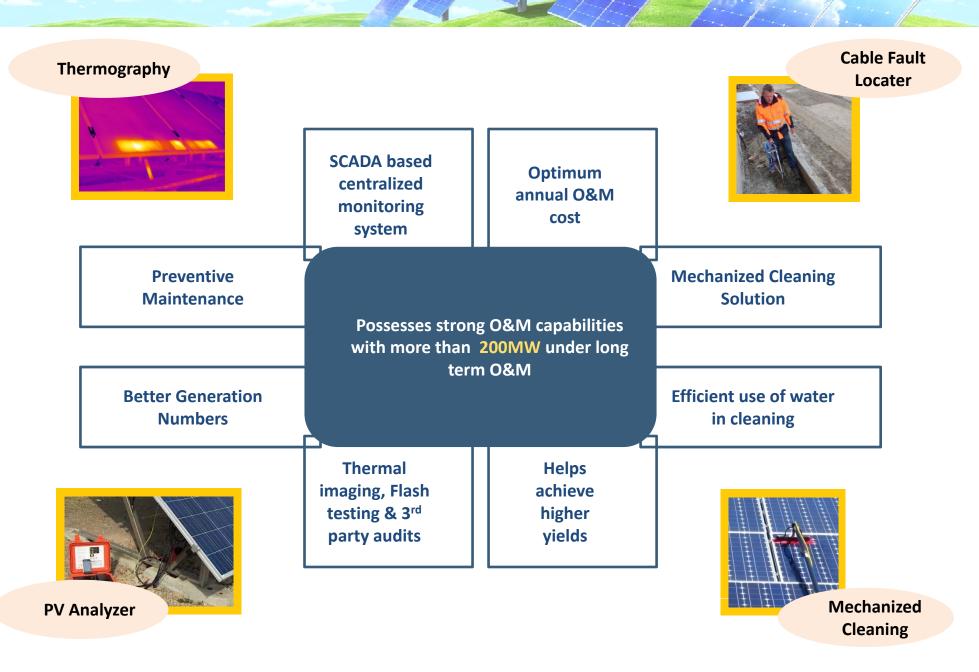


**Aluminium Industry** Bhubaneswar | 160 +100 KW

# Demonstrated ability to execute projects across states, terrains and diversified customer base



## **Strong O&M Capabilities**



## Experienced promoters and professional management team



Shyam Sunder Mundra Chairman & MD

- Has over 43 years of experience in the power industry
- Prior to Ujaas, worked for the Madhya Pradesh Electricity Board, before venturing into the transformer business independently



Vikalp Mundra Joint MD

- Possesses an overall experience spanning 22 years in the energy sector
- Currently designated as the Chairman of Renewable Energy Committee, IEEMA



**Anurag Mundra** Joint MD

- Joined the Company in 1999 and possesses over 16 years experience in the energy sector
- Holds charter from Institute of Chartered Financial Analysts of India, Hyderabad

#### **Manish Agarwal**

COO

Has >19 years of experience in key Leadership roles. Prior to Ujaas, he managed Deloitte's Research Strategy, **Innovation Group** 

#### **Amit Neema**

**VP** - Operations

Has ~20 years of work experience and currently oversees all verticals along with government related permissions and approvals

#### Ashu Gupta

VP - Corporate

Possesses extensive hands-on renewable energy experience and is currently heading the legal and strategy department of the company

#### Sumit Somani

**VP** - Business Development

Possesses experience of >13 years in the field of renewable energy, and currently heads the Business Development vertical

#### **Prashant Gupta**

VP - Retail Business

>16 years of track record in managing operations, entailing sales. distribution marketing

#### **Experienced team of 276 employees**













BD and





O&M and

**SCADA** 









F&A

Design

Purchase and Stores

Quality Assurance

Admin & Liaisoning

Sales

IT

Project

Human Resources

Retail

Strategy

4%

1%

30%

1%

## **Awards & Recognition**





Assigned Solar Energy Grading of SP 1A

Awarded certificate of empanelment as 'Channel Partner' by Ministry of New and Renewable Energy





Declared winner of the Top 100 SMEs of India, at the India SME 100 Awards 2014-15

Acknowledged by 'The Economic Times' amongst The Best Infrastructure Brands of 2016





Acknowledged by Forbes Asia Best Under A Billion Forum & Awards, in December 2014

Acknowledged by BusinessWorld's India's Fastest Growing Companies Awards



#### **Certifications**











**Future growth strategy** 

## Strategy going forward

Capitalize on the growth of Indian power sector with increased focus on Utility Scale Power Projects

Grow the portfolio of projects under O&M segment



Continued focus on Asset light business model

To grow our retail business segment under UJAAS Home



UEL is taking steps to capture a larger share of the exponential growth in the solar power sector in India



**Annexure** 

## **Balance Sheet – Consolidated**

Balance Sheet						
INRmn	FY2012	FY2013	FY2014	FY2015	FY2016	H1FY2017 <sup>1</sup>
Net Worth	1,066	1,301	1,628	1,732	1,917	2,093
Debt	260	226	1,203	994	931	921
Long Term Debt	195	211	1,112	994	889	832
Short Term Debt	65	15	91	1	42	89
Other Long Term Liabilities	10	91	381	408	527	564
Current liabilities						
Accounts Payable	44	805	1,428	344	1,249	1,129
Other Current Liabilities (including current maturities of LT Debt)	53	161	326	155	286	201
Total Liabilities and Equity	1,433	2,583	4,966	3,633	4,911	4,909
Net Fixed Assets	397	525	1,907	1,833	1,765	1,735
Other Long Term Assets	486	370	29	39	65	35
<b>Current Assets</b>						
Current Investments	-	-	10	20	261	187
Inventory	108	255	343	637	819	1,263
Accounts Receivable	149	870	1,770	824	1,173	1,028
Loans and Advances and Other Current Assets	149	187	253	120	143	170
Cash and Cash Equivalents	144	376	654	160	686	491
Total Application of Funds	1,433	2,583	4,966	3,633	4,911	4,909

Source: <sup>1</sup>H1FY17 numbers are standalone

## Profit & Loss Snapshot - Consolidated

#### **Profit & Loss Statement**

INRmn	FY2012	FY2013	FY2014	FY2015	FY2016	H1FY2017 <sup>1</sup>
Net Revenue from operations	339	2,426	5,255	1,111	2,771	2,149
Sales growth %	0.1%	615%	117%	(79%)	149%	233%
Less: Expenses						
Cost of Materials Consumed	305	1,871	4,168	490	1,941	1,637
Employee Benefit Expenses	17	37	73	50	81	72
Other Expenses	13	63	99	148	129	103
EBITDA	4	454	914	423	620	337
EBITDA Margin %	1%	19%	17%	38%	22%	16%
Less: Depreciation and amortization expenses	4	19	47	81	80	40
Operating Profit (EBIT) before exceptional items	0	435	867	342	540	297
Finance costs	10	51	91	180	155	97
Add: Other Income (Expenses)	30	54	76	21	23	32
Profit Before Taxes before exceptional items	20	439	853	183	408	232
Less: Exceptional Items	-	-	-	-	-	-
Profit from Ordinary Activities before tax	20	439	853	183	408	232
Less: Income Tax Expense	11	169	479	67	205	63
Net Profit for the period	9	270	374	117	203	170

<sup>&</sup>lt;sup>1</sup>H1FY17 numbers are standalone

## **Cash Flow – Consolidated**

### **Cash Flow**

INRmn	FY12	FY13	FY14	FY15	FY16
Cash Flow from Operating Activities					
Profit before tax and extraordinary items	20	439	852	183	408
Adjustment for :					
Depreciation / Amortization	4	19	47	81	80
Interest Income	29	(53)	(46)	(21)	(17)
Dividend Income	-	-	-	-	(2)
Finance Cost	10	51	91	180	155
Profit on sale of fixed assets	(1)	-	-	-	-
Profit on sale of current investment	-	-	-	-	(4)
Operating profit before WC changes	4	455	945	422	621
Adjustment for :					
Trade and other receivables	(664)	(760)	(970)	989	(363)
Inventories	(58)	(147)	(87)	(214)	(182)
Trade and other payables	53	340	598	(1,084)	1,028
Cash Generated from Operations	(666)	(112)	486	115	1,104
Taxes Paid (Net)	(6)	(41)	(98)	(170)	(65)
Net Cash Generated Operating Activities	(672)	(153)	388	(55)	1,039
Cash Flow from Financing Activities					
Purchase of Fixed Assets	(298)	(35)	(1,061)	(7)	(12)
Proceeds from Sale of Assets	1	1	-	-	1
Interest Received	29	53	46	21	10

INRmn	FY12	FY13	FY14	FY15	FY16
Purchases of current Investments	-	-	(10)	(10)	(241)
Profit on Sales of current Investment	-	-	-	-	4
Redemption of bank deposit	(9)	(89)	(281)	339	(531)
Dividend received			-	-	2
Public Issue Expense	(29)	-	-	-	-
Net Cash Generated from Investing Activities	(306)	(69)	1,306	(343)	(768)
Cash Flow from Financing Activities					
Proceeds from Issue of Share Capital	50	-	-	-	-
Proceeds from Receipt of Share Premium	880	-	-	-	-
Proceeds from Borrowing	188	423	1,054	-	42
Repayment of Borrowings	(7)	(1)	(2)	(216)	(105)
Dividend paid (Including DDT)	-	(12)	(23)	(47)	(30)
Finance costs	(10)	(51)	(91)	(173)	(155)
Net Cash Financing Activities	1,100	366	939	(443)	(248)
Net Increase / (Decrease) in Cash & Cash Equivalents	128	144	21	(155)	22
Cash & Cash Equivalents at Beginning of the Year	1	124	268	287	134
Cash & Cash Equivalents at End of the Year	124	268	289	134	156
Increase / (Decrease) in Cash & Cash Equivalents	123	144	21	(155)	22

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