Software/ Web Application for REC Framework

Application being developed by: CRISIL Infrastructure Advisory

19th March 2010



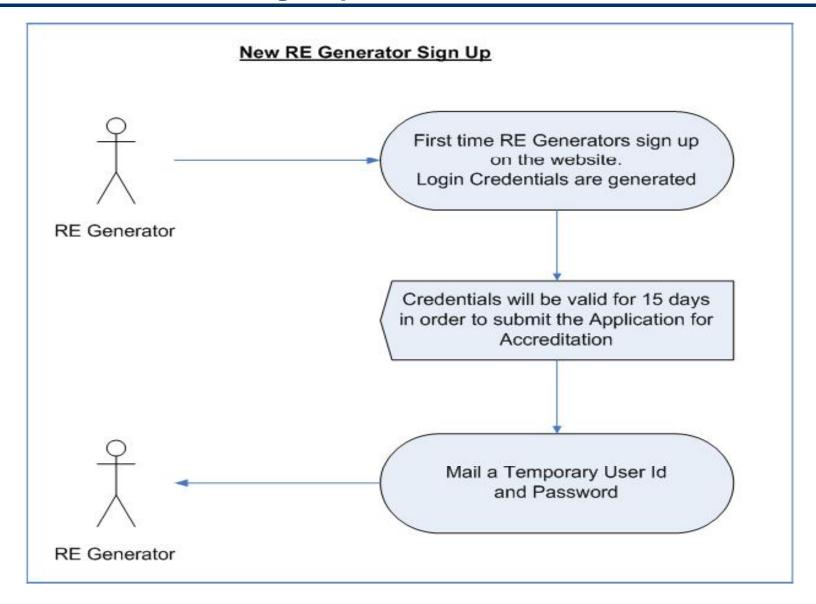
Agenda

- ☐ Home Page Presentation (on live User Interface)
- □ Screen Snapshots of various Processes of REC

REC Web Application - Processes

- New RE Generator Sign Up
- Accreditation
 - Role of RE Generator
 - Role of State Agency
- Registration
 - Role of RE Generator
 - Role of Central Agency
- > Issuance of REC
 - Role of RE Generator
 - Role of Central Agency
- **Reports**

New RE Generator Sign Up



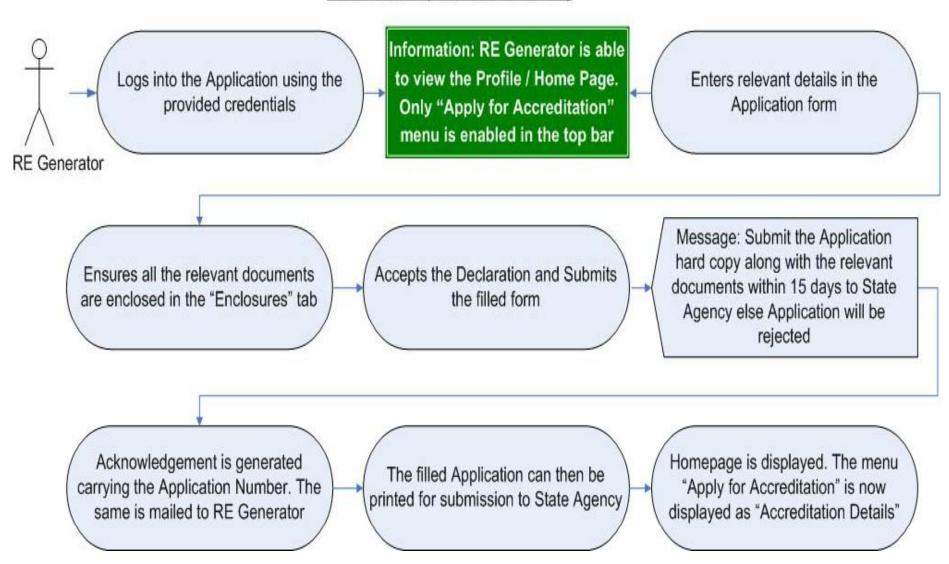


Fields Marked in * is mandatory	
Sign up	
Personal Details	
Company Name	: Suzlon Energy Ltd
Address 1	: Hadapsar *
Address 2	
City	Pune * Windows Internet Explorer *
State	: Maharashtra • +
Contact Details	Your credentials will be valid for 15 days in order to submit the Application for Accreditation.
Contact No.	: 020 66444103 • OK
Fax No.	
Email	admin@suzlon.com *
Website	: www.suzlon.com
	f n z 9 _{fnz9}
	Submit Reset

Search

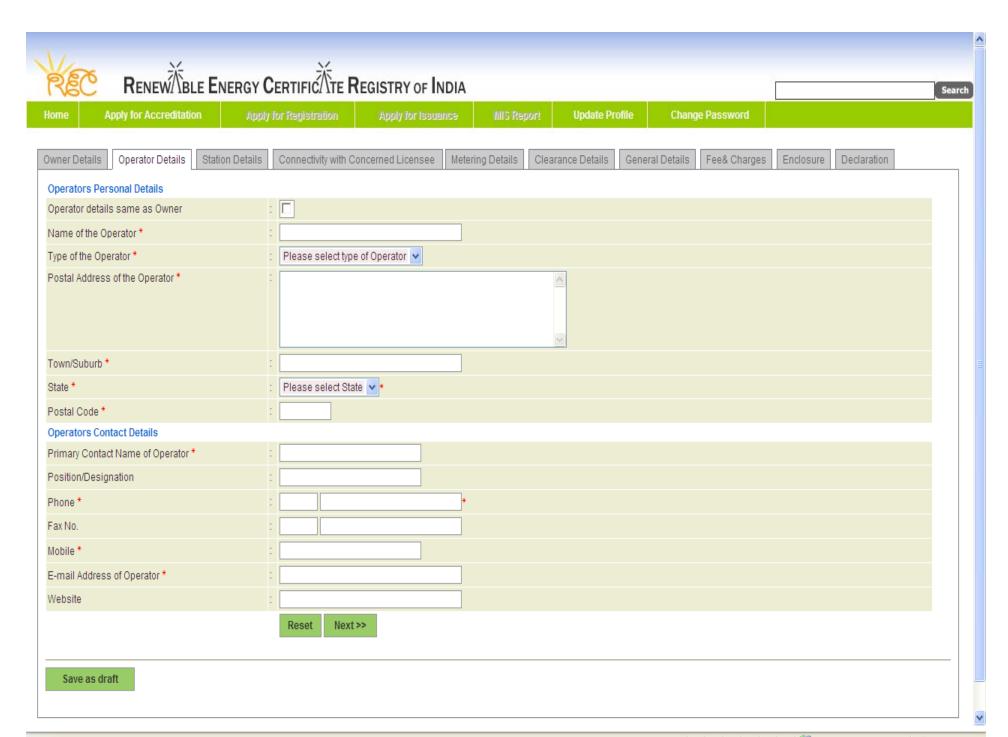
Accreditation (Role: RE Generator)

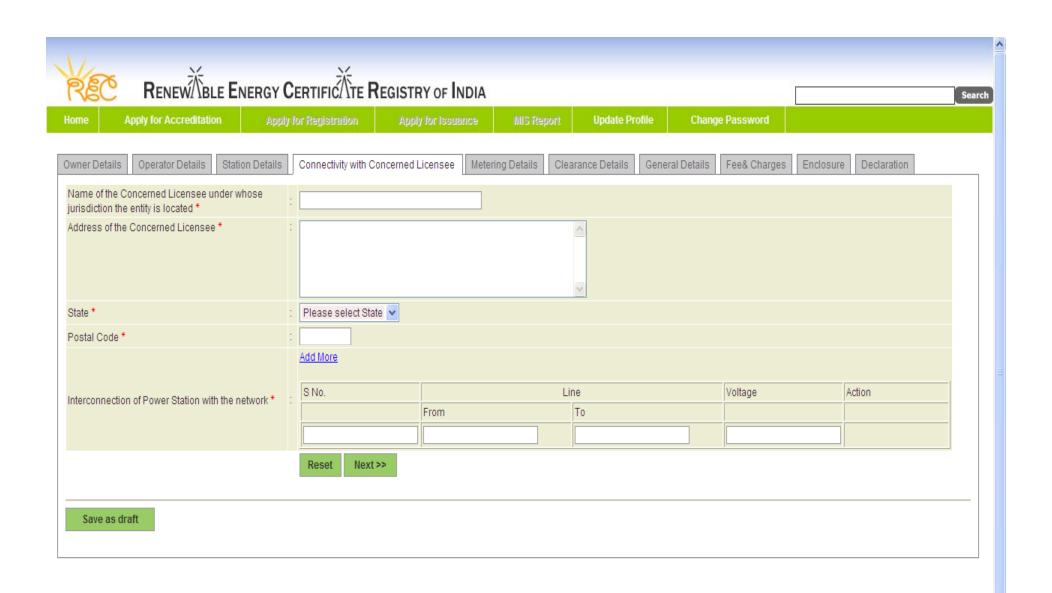
Accreditation (Role: RE Generator)





lome Apply for Accreditation	Apply for Registration Apply for Issuance IMIS Report Update Profile Change Password
wner Details Operator Details Statio	on Details Connectivity with Concerned Licensee Metering Details Clearance Details General Details Fee& Charges Enclosure Declaration
Personal Details	
Name of the Applicant *	
Type of the Applicant *	Please select type of Operator 💌
Postal Address of the Applicant *	
Town/Suburb *	
State *	: Please select state 💌
Postal Code *	
Contact Details	
Primary Contact Name *	
Position/Designation *	
Phone*	
Fax No.	
Mobile *	
E-mail Address *	
Website	
	Reset Next>>

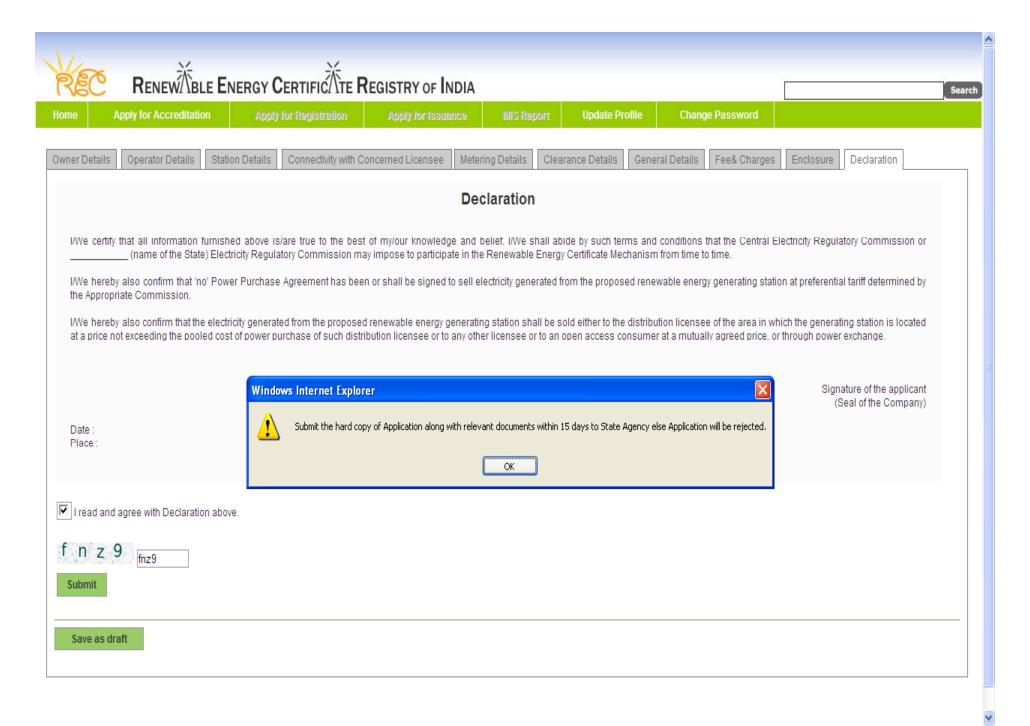




RENEW BLE ENERGY	Centuri Áte I	Degree Dy or Junia				P	
21 (2.5%)	Jy for Registration	Apply for Issuance	MIIS Report	Update Profile	Change Password		S
Owner Details Operator Details Station Details	Connectivity with	Concerned Licensee Mete	ering Details Cle	arance Details Gene	ral Details Fee& Charges	Enclosure Declaration	
Confirmation of availability of land in possession	: 🔽						
Evacuation arrangement: Permission letter from ST	J : 🔽						
Confirmation of Metering Arrangement and Metering Location	: 🔽						
Proposed date of commissioning	: 🔽						
Copy of Offtake/PPA Agreement (or Undertaking)	: 🔽						
Capacity criteria (>250 kw): Enclosed Certificate	: 🔽						
Use of fossil fuel (Undertaking for compliance)	: 🔽						
Confirmation of payment of Accreditation fees/charges	: 🔽						
	Reset N	lext to Declaration					
Save as draft							

Save as draft

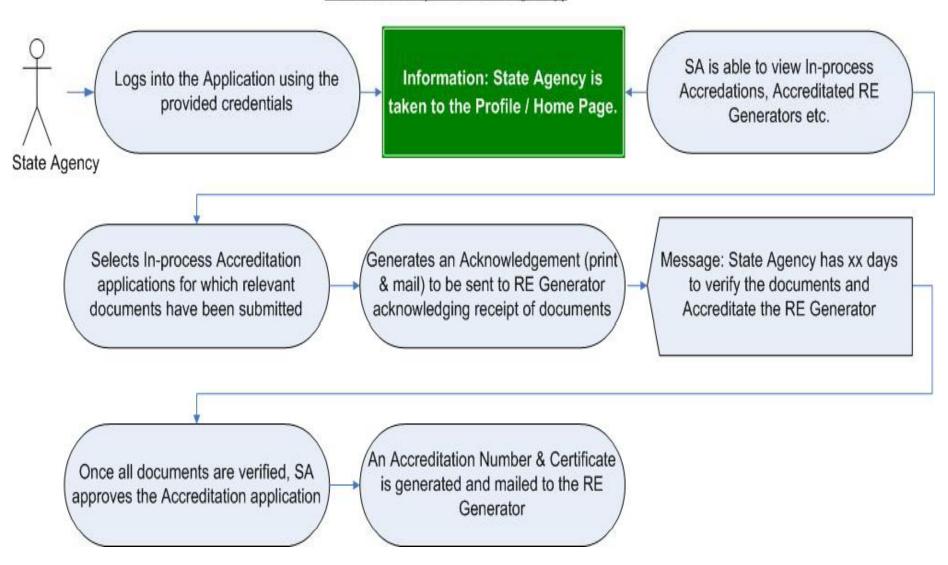






Accreditation (Role: State Agency)

Accreditation (Role: State Agency)





Search

Home In-process Accreditations

Accredited RE Generators

Registered RE Generators

Rejected Accreditations

Reports

State Nodal Agency Details

State Agency Name	: MEDA [Maharashtra Energy Development Agency]
Address	: Maharashtra Energy Development Agency (MEDA), S.No. 191/A, Phase1, 2nd Floor, MHADA Commercial Complex, Opp. Tridal Nagar, Yerawada, Pune - 411 006.
Contact No.	: 020-26615354
Fax No.	: 020-26615031
Email	: meda@meda.com

Latest Accreditations in-process

Application No.	Applicant Name	Application Date	Expiry Date
AP-ACCR-XX06	Tulaja Bhawani wind farm	12-03-2010	28-03-2010
AP-ACCR-XX64	Meru Energy PVT LTD	10-03-2010	05-04-2010
AP-ACCR-XX078	Suzion Energy PVT LTD	01-03-2010	25-03-2010
AP-ACCR-XX34	Suvirna Vidut Mandal	21-02-2010	18-03-2010
AP-ACCR-XX67	Amrom Energy Co-operation	13-02-2010	03-03-2010

Latest Activities from State Agency

_	,	
	Actions	Action Date
	Received hard copies of documents from Tulaja Bhawani wind farm.	19-03-2010 17:15
	Received hard copies of documents from Suzlon Energy PVT LTD.	15-03-2010 13:43
	Accredited Relion Energy PVT LTD.	09-03-2010 10:43
	Amrom Energy Co-operation has been Registered by Central Agency.	22-02-2010 11:43
1	Rejected Nion Powers due to insufficient documents.	19-02-2010 12:23

Application Submited [But Document not yet submited]

Application No.	Applicant Name	Application Date	Expiry Date
AP-ACCR-XX34	Suvirna Vidut Mandal	21-02-2010	18-03-2010
AP-ACCR-XX67	Amrom Energy Co-operation	13-02-2010	03-03-2010

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Rejected Accreditations Reports

Registered RE Generators

Search

Out	m	or	Da	doi	le.

Personal Details

Name of the Applicant : Suzlon Energy Limited

Type of the Applicant : Pvt. Ltd. Co.

Postal Address of the Applicant : One Earth, Opp. Magarpatta City, Hadapsar

Town/Suburb : Pune
State : Maharashtra

Postal Code : 4110028

Contact Details

Primary Contact Name : Tulsi Tanti

 Position/Designation
 : Managing Director

 Phone
 : +91-20-4012 2000

 Fax No.
 : +91-20-4012 2100

Mobile : +919968685598

E-mail Address : suzloncorpcomm@suzlon.com

Website : www.suzlon.com

Operator Details

Operators Personal Details

Operator details same as Owner : No

Name of the Operator : Sumant Sinha
Type of the Operator : Pvt. Ltd. Co.

Postal Address of the Operator : One Earth, Opp. Magarpatta City, Hadapsar

Town/Suburb : Pune

State : Maharashtra

Postal Code : 4110028

Operators Contact Details

Primary Contact Name of Operator : Sumant Sinha>
Position/Designation : Chief Operating Officer
Phone : +91 20 4012 2000

Fax No. : +91 20 4012 2000

Mobile : +919896587458

E-mail Address of Operator : sumant.sinha@suzlon.com

Website : www.suzlon.com

апте от ите ватік	. HUPC Balik
ank Draft Number/ECS Reference Number	: 654387
ate of Transaction	: 23/09/2010
mount Paid	: 4500
clouser	
lame of the Bank	: HDFC
eclaration-	
	Declaration
Maharashtra Electricity Regulatory Commission	bove is/are true to the best of my/our knowledge and belief. I/We shall abide by such terms and conditions that the Central Electricity Regulatory Commission or on may impose to participate in the Renewable Energy Certificate Mechanism from time to time. chase Agreement has been or shall be signed to sell electricity generated from the proposed renewable energy generating station at preferential tariff determined by the
I/We hereby also confirm that the electricity ge	enerated from the proposed renewable energy generating station shall be sold either to the distribution licensee of the area in which the generating station is located at a purchase of such distribution licensee or to any other licensee or to an open access consumer at a mutually agreed price, or through power exchange.
Date: 18/03/2010 Place: Delhi	Signature of the applicant (Seal of the Company)
read and agree with Declaration above.	
omments / Reasons	
I have varified all the details and accredite thi	is RE Generator.
	Approve Reject
	© REC 2010



CERTIFICATE OF ACCREDITATION

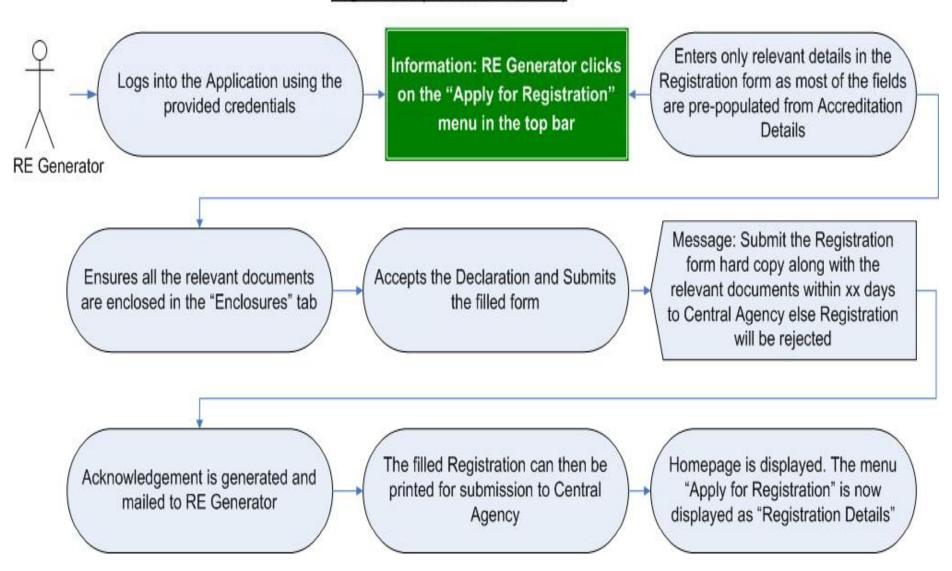
	e Applicant) having/proposing to install it's RE generating station anted Accreditation for its said RE Generating Station with effect fr	
This accreditation is granted subject to fulfilling the f	Rules. Regulations and Procedures specified by the Central Agenc	y from time to time. The validity of this certificate is mandated through ongoing surveillance.
Issue Date	Expiration Date	Certificate Number
29-03-2010	29-03-2011	A-MHWD3333290310

Authorised Signatory of the Accreditation Agency

(Name and Address of the State Agency)

Registration (Role: RE Generator)

Registration (Role: RE Generator)





Search

Home Apply for Accreditation

Apply for Registration

Apply for Issuance

MIS Report

Update Profile

Change Password

Operator Details	Station Details	Metering Details	Clearance Details	General Details	Fee& Charges	Enclosure	Declaration
Personal Details							
olicant		: Tulzabhavani wind	farms				
icant		: Pvt. Ltd. Co.					
of the Applicant		: Tulzabhavani wind	farms, Bhavani mata	road, Satara-Pune H	Highway, Satara,Ma	harashtra.	
		: Satara					
		: Maharashtra					
		: 405643					
Person Name		: Mr. Rajesh Kalbho	Mr. Rajesh Kalbhor				
		: Chief Engineer					
		0251-3425654	0251-3425654				
		256378499	256378499				
		09652356355					
E-mail Address : twf@wind.com							
	s Dicant icant of the Applicant Person Name	s plicant icant of the Applicant Person Name	Salara S	S S Dilicant	Salara S	Salara S	s blicant : Tulzabhavani wind farms icant : Pvt. Ltd. Co. of the Applicant : Tulzabhavani wind farms, Bhavani mata road, Satara-Pune Highway, Satara, Maharashtra. : Satara : Maharashtra : 405643 Person Name : Mr. Rajesh Kalbhor : Chief Engineer : 0251-3425654 : 256378499 : 09652356355



Search

Home

Apply for Accreditation

Apply for Registration

Apply for Issuance

MIS Report

Update Profile

Change Password

Owner Details Operator Details Station Details	Metering Details Clearance Details General Details Fee& Charges Enclosure Declaration				
Power station Details					
Name of Power Station	: Maharashtra State Load Dispach Center				
Physical Address of the RE Generating Station	: Maharashtra State Load Dispach Center, Pune.				
Town/Suburb	: Pune				
State	: Maharashtra				
Postal Code	: 402012				
Land Details	: Owned				
Total Installed Capacity of RE Generating Station (in kW)	800 KW				
Renewable Energy Resources	: Wind				
Number of units for which Registration is sought	: 5				
	Unit Number Capacity Date of Commissioning(dd-mm-yyyy)				
	142423 200 12-06-2010				
Unit Number, Corresponding Capacity and Date of	243232 100 02-07-2010				
Commissioning (dd-mm-yyyy)	324343 100 09-07-2010				
	434343 200 18-08-2010				
	542422 200 22-05-2010				
Connectivity Diagram	: Yes				
Proposed Gross Generation by units proposed for Registration (kWh)	200 KWh				



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Apply for Accreditation

Apply for Registration

Apply for Issuance

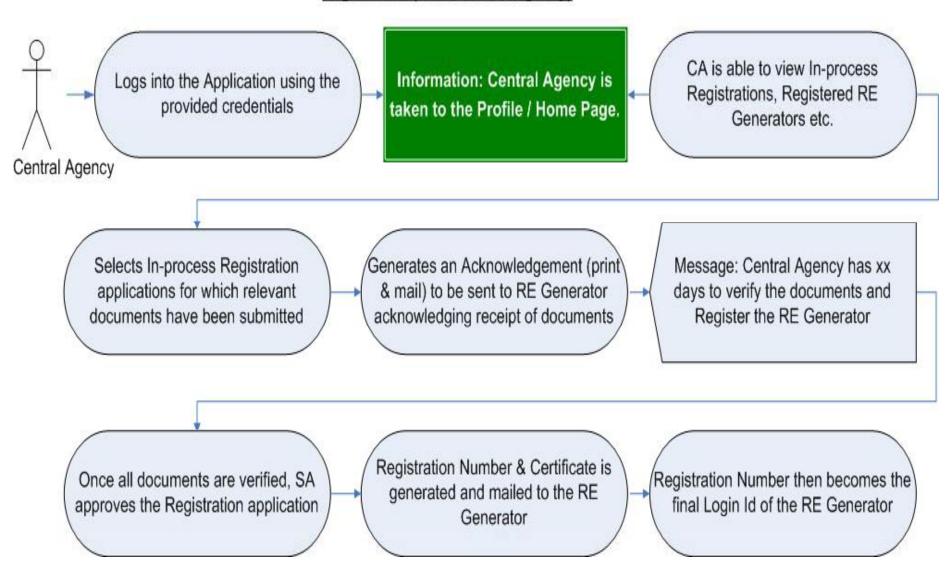
Change Password

Owner Details Operator Details Station Details Metering Details Clearance Details General Details Fee& Charges Enclosure Declaration					
Declaration					
I/We certify that all information furnished above is/are true to the best of my/our knowledge and belief. I/We shall abide by such terms and conditions that the Central Electricity Regulatory Commission or (name of the State) Electricity Regulatory Commission may impose to participate in the Renewable Energy Certificate Mechanism from time to time.					
I/We hereby also confirm that 'no' Power Purchase Agreement has been or shall be signed to sell electricity generated from the proposed renewable energy generating station at preferential tariff determined by the Appropriate Commission.					
I/We hereby also confirm that the electricity generated from the proposed renewable energy generating station shall be sold either to the distribution licensee of the area in which the generating station is located at a price not exceeding the pooled cost of power purchase of such distribution licensee or to any other licensee or to an open access consumer at a mutually agreed price, or through power exchange.					
Signature of the applicant (Seal of the Company) Date: Place:					
✓ I read and agree with Declaration above.					
f n z 9					
I read and agree with Declaration above.					
Submit					



Registration (Role: Central Agency)

Registration (Role: Central Agency)





Search

Home

In-process Registration

Accredited RE Generators

Registered RE Generators

REC Inventory Status

Report

Central Agency Details

Central Agency Name	: NLDC [National Load Dispatch Center]
Address	: New Delhi - 110023.
Contact No.	: 011-26615354
Fax No.	: 011-26615031
Email	admin@nldc.in

Latest Registration in-process

Application No.	Applicant Name	Application Date	Expiry Date
AP-ACCR-XX06	<u>Tulaja Bhawani wind farm</u>	12-03-2010	28-03-2010
AP-ACCR-XX64	Meru Energy PVT LTD	10-03-2010	05-04-2010
AP-ACCR-XX078	Suzion Energy PVT LTD	01-03-2010	25-03-2010
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AP-ACCR-XX67	Amrom Energy Co-operation	13-02-2010	03-03-2010

Latest Activities from Central Agency

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Application Submited [But Document not yet submited]

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AP-ACCR-XX67	Amrom Energy Co-operation	13-02-2010	03-03-2010

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ank Draft Number/ECS Reference Number	: 654387
Date of Transaction	: 23/09/2010
mount Paid	: 4500
clouser	
lame of the Bank	: HDFC
eclaration -	
	Declaration
Maharashtra Electricity Regulatory Commissio	pove is/are true to the best of my/our knowledge and belief. I/We shall abide by such terms and conditions that the Central Electricity Regulatory Commission or on may impose to participate in the Renewable Energy Certificate Mechanism from time to time. Chase Agreement has been or shall be signed to sell electricity generated from the proposed renewable energy generating station at preferential tariff determined by the
I/We hereby also confirm that the electricity ge	enerated from the proposed renewable energy generating station shall be sold either to the distribution licensee of the area in which the generating station is located at a purchase of such distribution licensee or to any other licensee or to an open access consumer at a mutually agreed price, or through power exchange.
Date : 18/03/2010 Place :Delhi	Signature of the applicant (Seal of the Company)
read and agree with Declaration above.	
omments / Reasons	
I have varified all the details and accredite this	s RE Generator
	Approve Reject
	© REC 2010



REGISTRATION CERTIFICATE

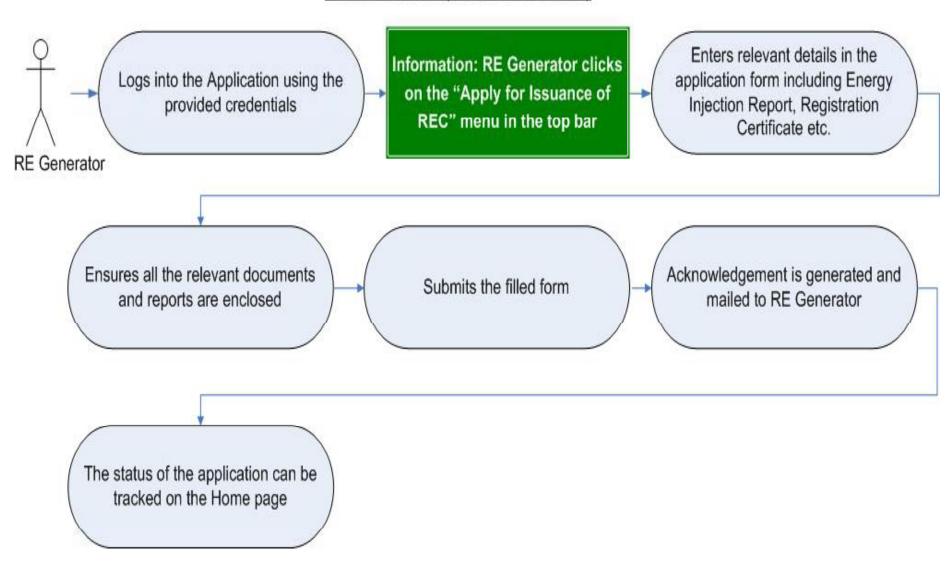
This is to certify that (Name of the Applicant) having/proposing to install it's RE generating station at (Proposed Location, Physical Address) with CapacityMW, utilising (Name of the RE Resource) has been granted Accreditation for its said RE Generating Station with effect from					
This accreditation is granted subject to fulfilling the Rules. Regulations and Procedures specified by the Central Agency from time to time. The validity of this certificate is mandated through ongoing surveillance.					
Issue Date	Expiration Date	Certificate Number			
29-03-2010	29-03-2011	R-MHWD3333290310			

Authorised Signatory of the Central Agency

(Address of the Central Agency)

Issuance of REC (Role: RE Generator)

Issuance of REC (Role: RE Generator)

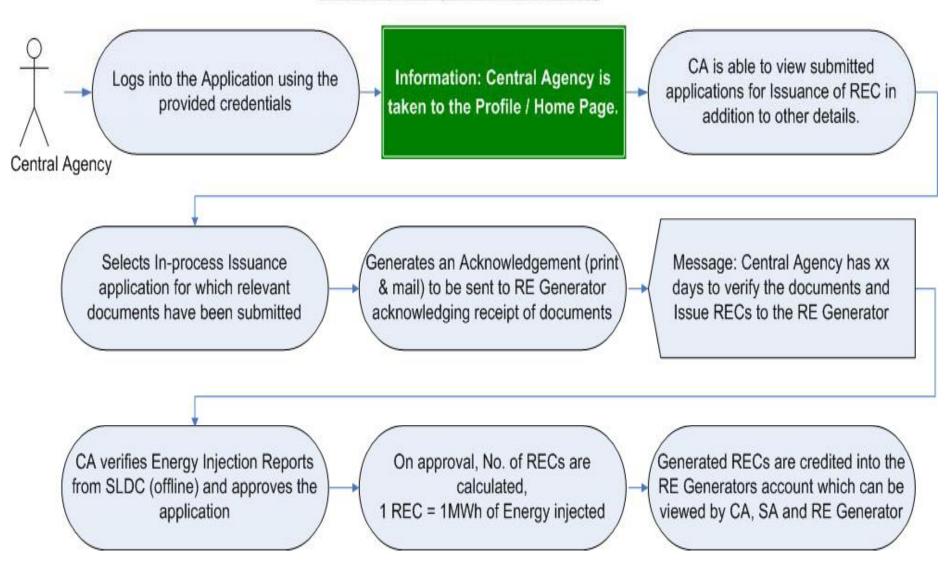


RENEWÎBLE ENERGY CERTIFICÎTE REGISTRY OF INDIA						Searc	
Home /	Accreditation Details	Registration Details	Apply for Issuance of REC	MIS Report	Update Profile	Change Password	
Energy Injection Report No: Date of Energy Injection Report:							
Registration No	umber of the Applicant:						
Name of the Ap	oplicant:						
Period of Energ	gy Injection:	From:	To:				
Quantity of Energy Injection (kWh):							
Name of the concerned Licensee:							
Meter No		Current Meter Reading (kWh)		Previous Meter Reading (kWh)		Energy Injection (kWh)	
	Date	Read	ing	Date	Rea	ding	
1							
2							
3							

Add Injection

Issuance of REC (Role: Central Agency)

Issuance of REC (Role: Central Agency)



Reports – RE Generator – Energy Injection Report

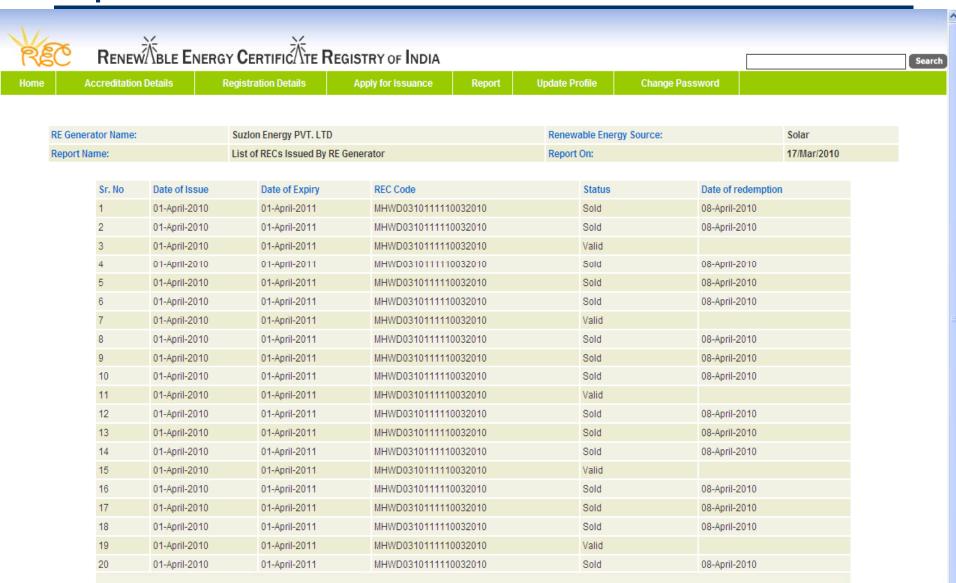


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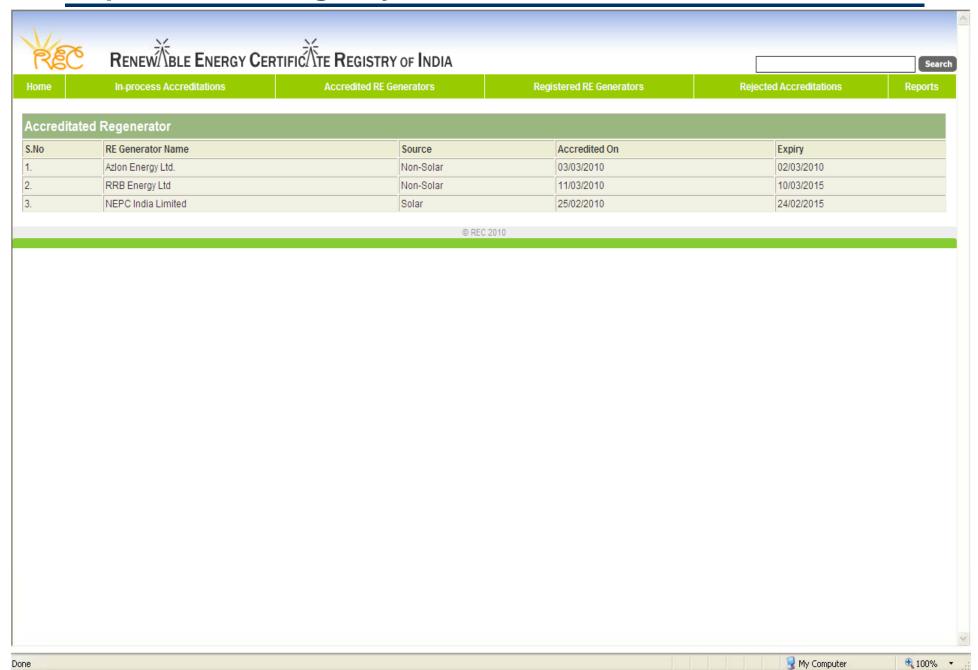
Done

Reports – RE Generator – Issued RECs

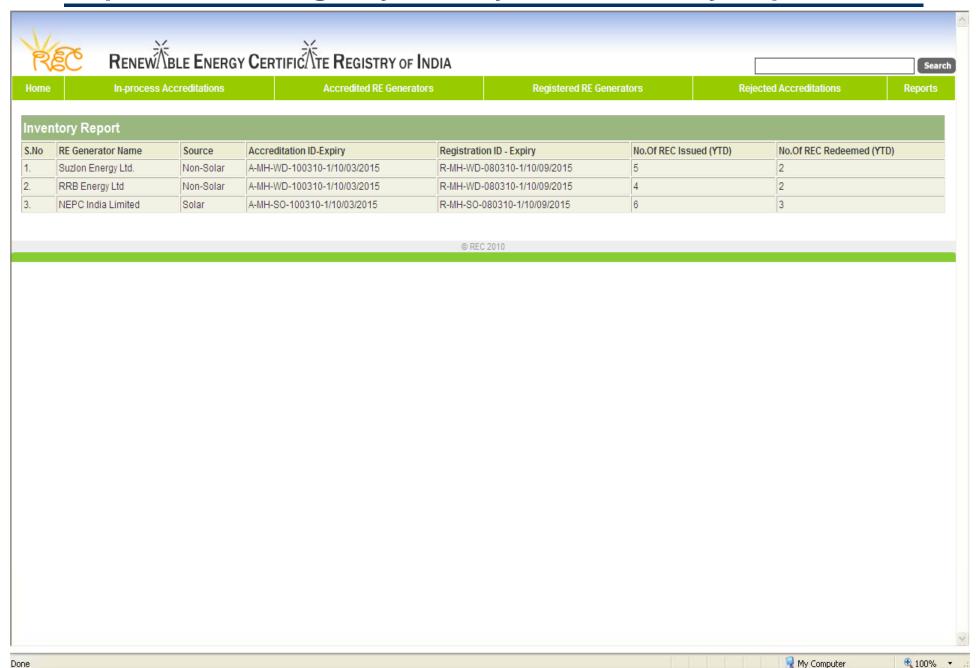


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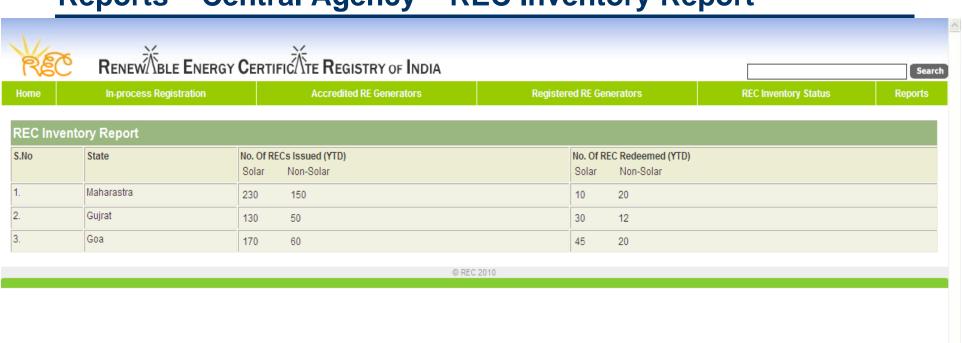
Reports – State Agency – Accreditated RE Generators



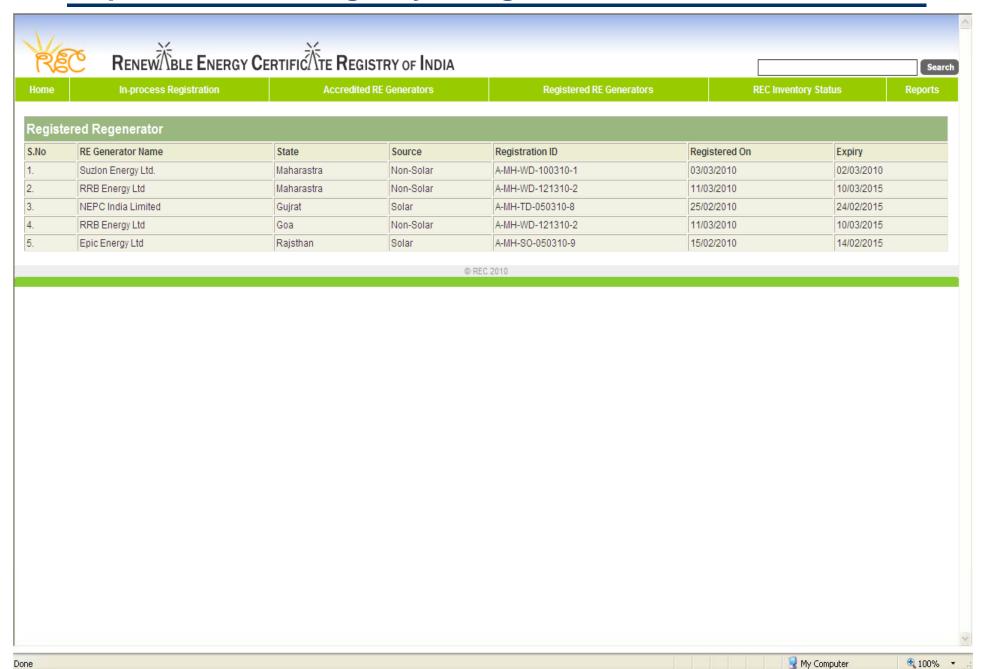
Reports – State Agency – Entity-wise Inventory Report

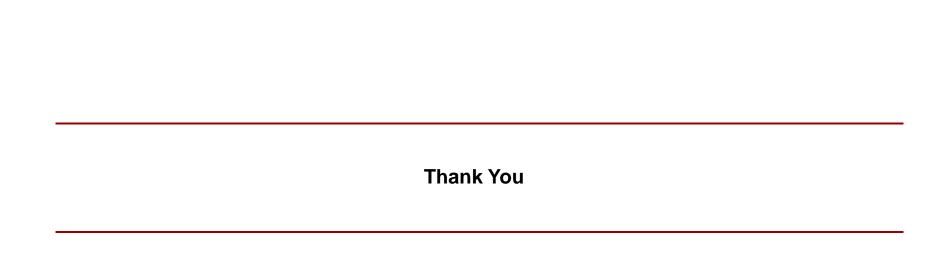


Reports – Central Agency – REC Inventory Report



Reports – Central Agency – Registered RE Generators







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A Subsidiary of CRISIL Limited, a Standard & Poor's company

www.crisil.com