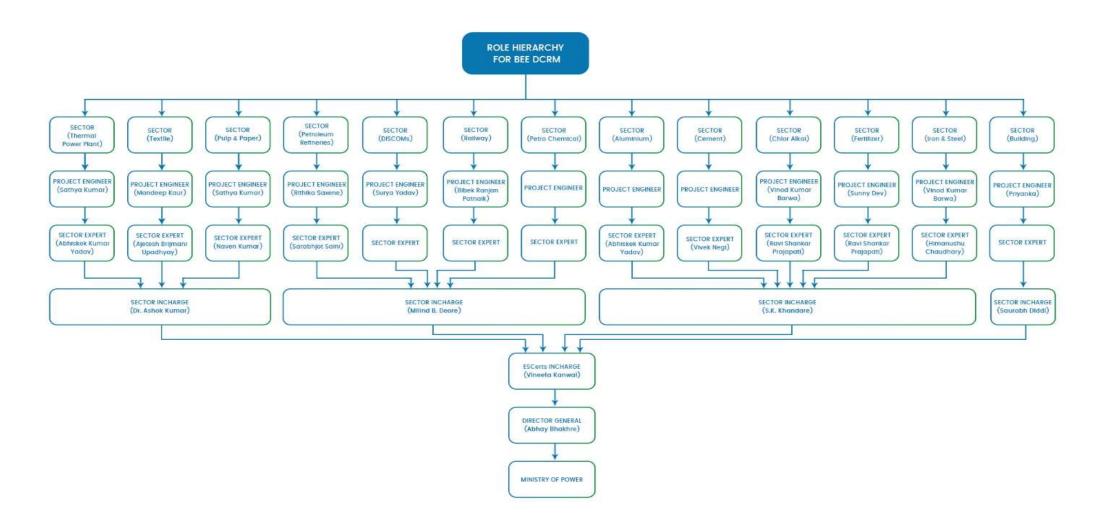


PRESENTATION TO BUILD UNDERSTANDING ON THE PATNET PORTAL AND ESCERTS TRADING



TRADING OF ESCERTS UNDER PAT

- ➤ Energy Conservation Rules, 2012 (PAT Rules 2012) notified on 30th March 2012 by Ministry of Power, has specified that the ESCerts to be issued/entitled to purchase will be in electronic form and tradable on Power Exchange. BEE developed PATNet portal for all the DCs through which they upload their forms and ESCerts can be electronically issued/entitled to purchase to them.
- ➤ CERC is the market regulator for trading of ESCerts, POSOCO is the Registry for ESCerts; and IEX as well as PXIL are the Power exchanges





BACKGROUND OF PAT CYCLES

- In PAT cycle I, Ministry of Power issued approximately 38.25 lakh ESCerts to 309 Designated consumers while 110 Designated Consumers have to purchase ESCerts for their compliance. Important achievements of PAT cycle I trading are:
 - Trading of approx. Rs. 13 lakh ESCerts has taken place.
 - Overall business of Rs.100 crores have taken place.
 - 96% of the Designated Consumer(buyers)s have met their compliance.
- PAT Cycle –II (2016-17 to 2018-19) commenced from 1st April, 2016 under which 621 industrial units from 11 sectors (8 existing sectors and 3 new notified sectors viz. Railways, Refineries and electricity distribution companies (DISCOMs) have been notified
- PAT cycle III (2017-18 to 2019-20) has commenced from 1st April 2017 under which targets for 116 DCs in 6 sectors have been notified.
- PAT Cycle IV (2018-19 to 2020-21) has commenced from 1st April 2018 under which 109 DCs have been notified.
- PAT Cycle V (2019-22) has commenced from 1st April 2019 under which there are 8 sectors and 110 DCs.



TRADING SESSION REPORT FOR PAT CYCLE I

In PAT Cycle I, there are total 17 successful trading sessions took place.



		WO OF		en i	TOTAL
SESSIONS	DATE	NO. OF PARTICIPANTS	BUY BIDS	SELL BIDS	ESCERTS SOLD
1st Trading Session				2,39,644	
	(26 September, 2017)	39	50904.00		10904.00
2nd Trading Session					
	(3 October, 2017)	34	51925.00	236,031	23295.00
3rd Trading Session					
	(10 October, 2017)	52	64459.00	348,587	43078.00
4th Trading Session					
	(17 October, 2017)	45	40538.00	381,443	40148.00
5th Trading Session					
	(24 October, 2017)	52	42271.00	349,806	41455.00
6th Trading Session					
	(31 October, 2017)	51	40396.00	402,738	19359.00
7th Trading Session					
	(7 November, 2017)	61	11521.00	436,394	10351.00
8th Trading Session					
	(14 November, 2017)	45	12241.00	319,810	12125.00
9th Trading Session					
	(21 November, 2017)	53	10963.00	336,121	7513.00



10th Trading					
Session	(28 November,	64	117514.00	269 261	36580.00
11th Trading	2017)	04	11/514.00	368,361	30580.00
Session	(05 December,				
30331011	2017)	73	262321.00	3,55,266	46928.00
12th Trading					
Session	(12 December,				
	2017)	85	495553.00	4,33,769	123520.00
13th Trading	/				
Session	(19 December,	112	024224.00	7 20 005	440040.00
1.4+b Trading	2017)	112	831224.00	7,30,885	449818.00
14th Trading Session	(26 December,				
Je331011	2017)	126	365980.00	10,94,568	220791.00
15th Trading	- ,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Session	(2nd January,				
	2018)	78	145150.00	777567	28983.00
16th Trading					
Session	(9th January,				
	2018)	14	152195.00	824707	74895.00
17th Trading	(4.6.)				
Session	(16th January,	17	110511 00	904445	100161.00
	2018)	17	110511.00	894445	109161.00
Total ESCerts					
Traded – 13 lakh				7	
approx					



Total r	no. of DC's In PAT						
Sr. No.	Sector	Existing no. of DCs of PAT cycle I (2012- 2015)	No. of New Dc's included under PAT Cycle II	Total Dc's in PAT II (2016-2019)	PAT cycle III (2017- 2020)	PAT cycle IV (2018- 2021)	PAT cycle V (2019- 2022)
1	Aluminium (ALM)	10	2	12	1		1
2	Cement (CMT)	84	27	111	14	1	12
3	Chlor Alkai (CNA)	21	3	24		2	2
4	DISCOM (DIS)		44	44			
5	Fertilizers (FTZ)	29	8	37			
6	Iron & steel (INS)	62	9	71	29	35	23
7	Petroleum Refinery (REF)	100000	18	18			
8	Pulp and Paper (PNP)	25	4	29	1	2	8
9	Railways (RLY)		22	22			
10	Textile (TXT)	85	14	99	34	7	16
11	Thermal Power Plant (TPP)	132	22	154	37	17	17
12	Commercial Buildings- Hotels (BHT)					37	31
13	Petrochemical (PC)					8	
	Grand Total	448	173	621	116	109	110
	Help Desk No.	011-26194772			Total DC's	956	
	Helpdesk Mail	helpdesk-patnet@b	eenet.in				



TRADING REGULATIONS

- ➤ Central Electricity Regulatory Commission (Terms and Conditions for Dealing in Energy Savings Certificates) Regulations, 2016 was issued by CERC on 27th May, 2016 and notified on 30th May, 2016. Important features of this Regulation are as follows:
 - a. Roles & responsibilities of Administrator, Registry, CERC and Power exchanges were defined.
 - b. Market price of ESCerts shall be discovered through bidding at power exchanges i.e. through closed double-sided uniform price auction.
 - c. Interested DCs to whom ESCerts have been either issued or are entitled to purchase by MoP have to register themselves with 'Registry' i.e. POSOCO to become eligible entity
 - d. For trading in Power exchanges too the DCs have to get themselves registered with any of the exchange.



KEY FEATURES OF ESCERTS

- The energy savings certificates (ESCerts) shall be issued in electronic form.
- The DC who has been issued ESCerts during the current cycle may sell them through Power Exchange, or may use them for the purpose of banking until their next consecutive compliance cycle. The ESCerts issued in a cycle period shall remain valid till the completion of compliance period of their next consecutive cycle.
- The ESCerts purchased by a DC for the purpose of compliance with the energy consumption norms and standards shall after their submission to BEE stand expired.
- > ESCerts once sold cannot be re-sold.



CONTIUNE....

- ➤ Value of one ESCert is equal to one metric ton of oil equivalent of energy consumed. The value of per metric ton of oil equivalent of energy consumed shall be prescribed by Central Government , in consultation with BEE, under Section 14 B of the Energy Conservation Act 2001.
- As per PAT Rules amendment dated 31 March 2016, the value of per metric ton of oil equivalent for 2014-15 is Rs. 10968. BEE is in process of revising the value of mtoe for PAT cycle II.
- For trading of ESCerts, no floor price or forbearance price has been defined as the price of ESCerts shall be discovered at the power exchanges
- ➤ A buyer DC can buy the ESCerts upto or more than their compliance whereas a seller DC can not buy the ESCerts. DCs to whom the ESCerts shall be issued can sell them at Power exchanges and balanced ESCerts can be utilized for compliance of their next consecutive PAT cycle.
- ➤ The ESCerts submitted to BEE for meeting the compliance, will stand expired. After purchasing ESCerts DCs cannot re-sell them and could use those ESCerts for compliance of current or for compliance of their next consecutive PAT cycle.



PROCEDURE FOR TRANSACTION OF ESCERTS

- ➢ BEE (Administrator) had developed the detailed procedure for transaction of ESCerts in consultation with POSOCO (Registry) and on 14th February 2017, the Procedure was approved by the Commission. Following are important features of Procedure:
 - a. Template of application form to become eligible entity for trading of ESCerts has been defined. Documents like PAN, TAN, CIN, etc shall be required. DCs shall fill up application form through PATNet (where already DCs of PAT cycle I are registered)
 - b. Process of application scrutiny by Registry has been detailed
 - c. Registry shall grant certificate of Registration to eligible entities
 - d. Event of default will happen when a DC who is a seller will place bid more than the ESCerts issued to it. Upto three times, it will be simply debarred for one month and more than three times he continues, then the DC will be debarred for six months from the trading.
 - e. Interface activities between Power exchanges and Registry, Administrator and Registry, and Registry and Designated consumers have been defined in detail.



FEE ORDER FOR TRANSACTION OF ESCERTS

- ➤ On 24th March 2017, CERC approved the Fee order for transaction of ESCerts, with following details:
- i. One time Registration Fee of Rs. 15000/- per eligible entity. However, CERC vide its revised fee order dated 19th May 2017 exempted the DCs to pay registration fee till 31st December 2017.
 - ii. The Eligible Entities who have been issued ESCerts, shall pay ESCerts Fee at the rate of Rs. 5/- per ESCert.
 - iii. The taxes and duties on fees & charges shall be applicable as per the prevailing norms.
- All payment to Registry shall be done only through ECS and no draft / cheque will be accepted. Transaction id of RTGS / NEFT has to be provided in the application form to become eligible entity.



Form '1' Subn	nission details a	s on date					
PAT Cycle	Sectors	Total No. of DC	Form 1 (2018-19) Or	Shut down case	Total Form 1 (2018- 19)	Total Form 1 (2018-	% Count
	ALM	12	7	1Plant is shut down	11	12	100
	CMT	111	91	2 Plants are Closed	109	111	100
	CNA	24	13		24	24	100
	DIS	44	4	11 Plants have not completed their M&V	33	44	100
	FTZ	37	29		37	37	100
	INS	71	50	1Plant is shut Down, 2 Plants are defaulter	68	71	100
ı	PNP	29	17	2 Plants are shut down	27	29	100
	REF	18	2		18	18	100
	RLY	22	0		22	22	100
	TPP	154	104	1Plant is non compliance and 18 plants are shut down	135	154	100
	TXT	99	73	8 plants are defaulter and 1 plant is below threshold	90	99	100
	Sub Total	621	390		574	621	100



Form 'A' submission details as on date

PAT Cycle	Sectors	No. of DCs	Form A (Online)	Total Form A including online	% Count
ACRES AND AND ADDRESS OF THE ACRES AND ADDRESS AND ADDRESS OF THE ACRES AND ADDRESS AND ADDRESS OF THE ACRES AND ADDRESS	ALM	12	8	11	92
	CMT	111	91	109	98
	CNA	24	14	24	100
	DIS	44	4	31	70
	FTZ	37	32	37	100
П	INS	71	51	68	96
.11	PNP	29	15	27	93
	REF	18	2	18	100
	RLY	22	1	22	100
	TPP	154	108	118	77
	TXT	99	76	78	79
	Sub Total	621	402	543	87.43961



OM SHARED WITH DCS

S.No	OM Description	OM Date
1	Registration of the DCs to become Eligible Entitity	12 th July,2017
2	Launch of Trading of ESCerts	19 th Sep,2017
3	Submission of the form D in Hard Copy	26 th Dec,2017
4	Frequency of the Trading of ESCerts	23 rd Jan,2018
5	Discontinue of the ESCerts Trading	26 th Feb,2018
6	Registration of the DCs for the New Platform	4 th June,2018
7	Start of Registration for the PAT III and IV	10 th Dec,2018
8	E-filling of the forms by the DCs like Form 1, Form A and Form B for PAT Cycle I offline.	24 th July,2019



TIMELINES FOR EVOLUTION AND ISSUANCE OF ESCERTS FOR PAT CYCLE II

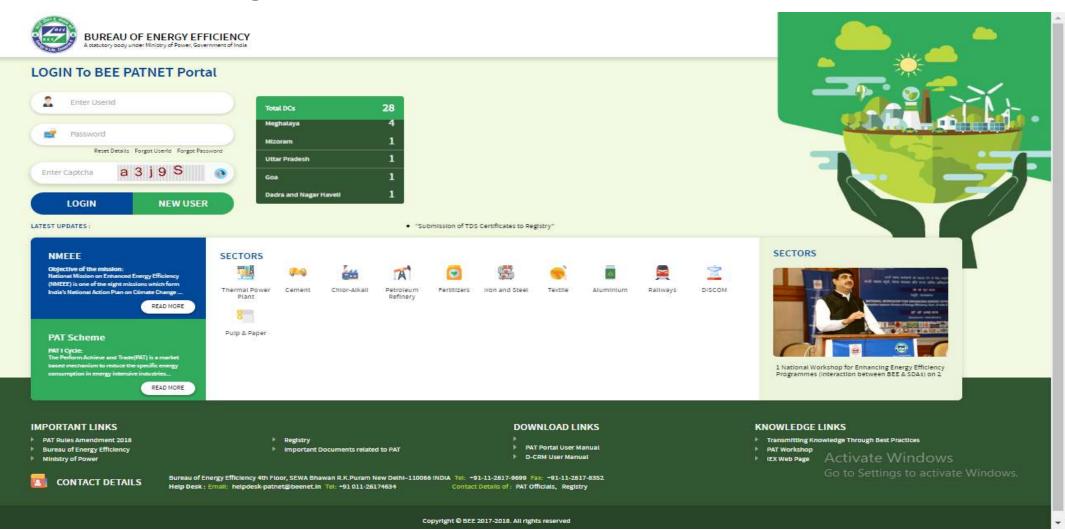
Activities	Description of Activities	Status	Activities to be done by	Forms & Documents to be submitted to
Form 1 and Pro-forma submission	Yearly submission of Form 1 within 3 months of close of last financial year i.e. 31st March	Done	DC	SDA with a copy to BEE
Form A, Form B along with other relevant documents	Within 5 month from conclusion of target year i.e. 31 st March, 2019 for all sectors	Done	DC	SDA with a copy to BEE
Submission of comments on Form A, Form B from SDA comments	Within 45 days of the last date of submission of Form A.	Under Process	SDA	BEE
Recommendation of ESCerts to MoP, GOI by BEE	Within two months from the last date of receipt of the comments from SDA .	Under process	BEE	MoP
Issuance of ESCerts by MoP	Within 45 days from the last date of receipt of recommendations of ESCerts from BEE.	Under Process	МоР	DC via online Portal i.e. PATNET
Form D Submission	Eight Month from Last date of submission of Form A.	Yet to start 18	DC	SDA with a copy

to BEE

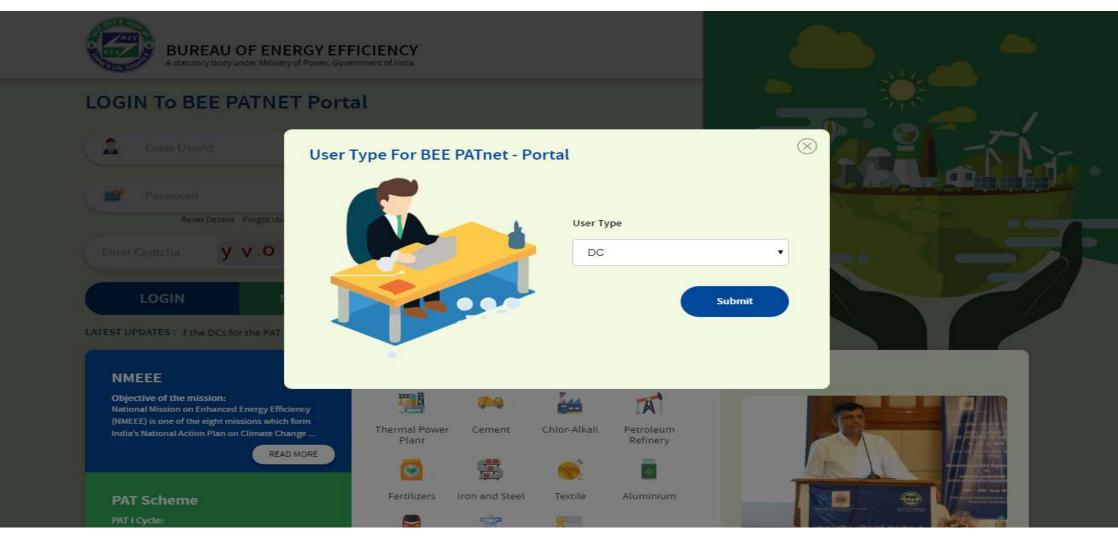


NEW DC REGISTRATION PROCESS - PAT NET PORTAL

PATNet - Home Page

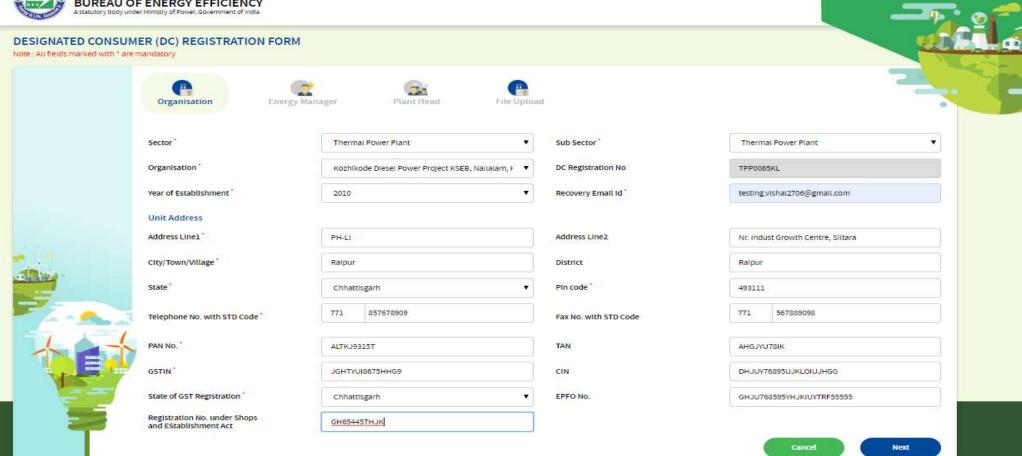


User Type Selection

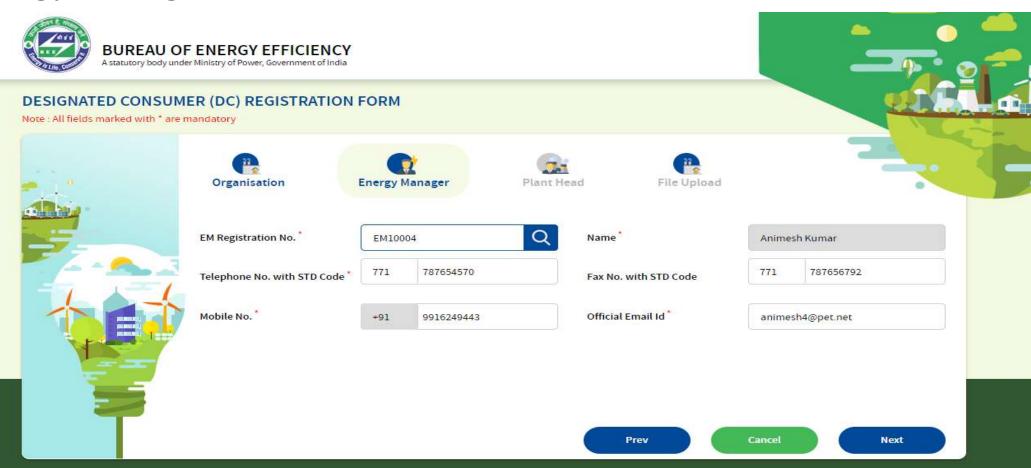


Organization Details

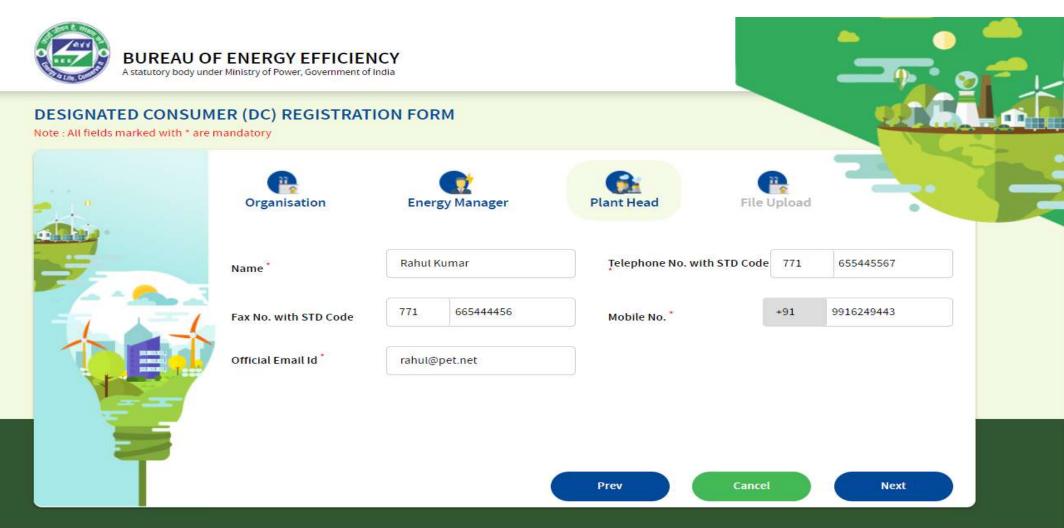




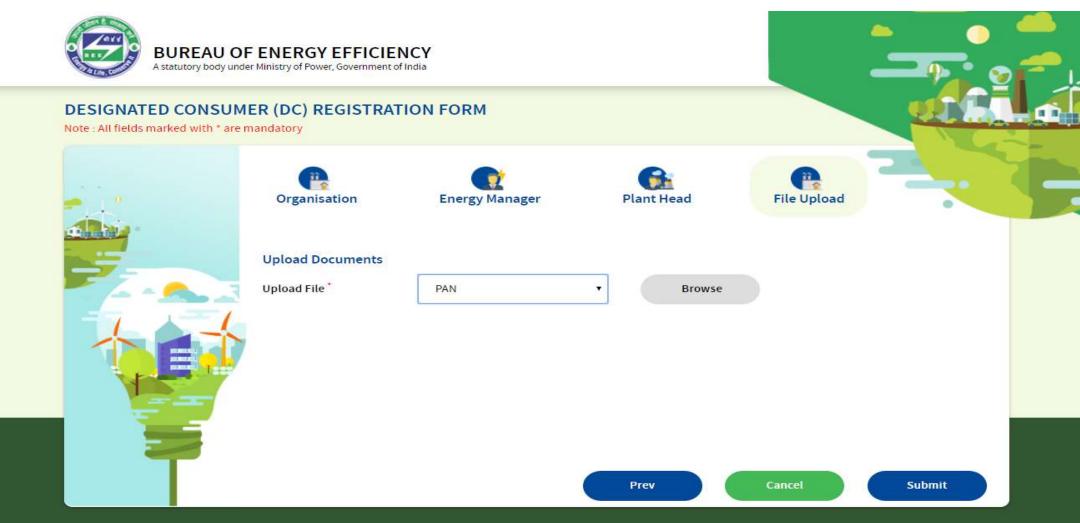
Energy Manager Details



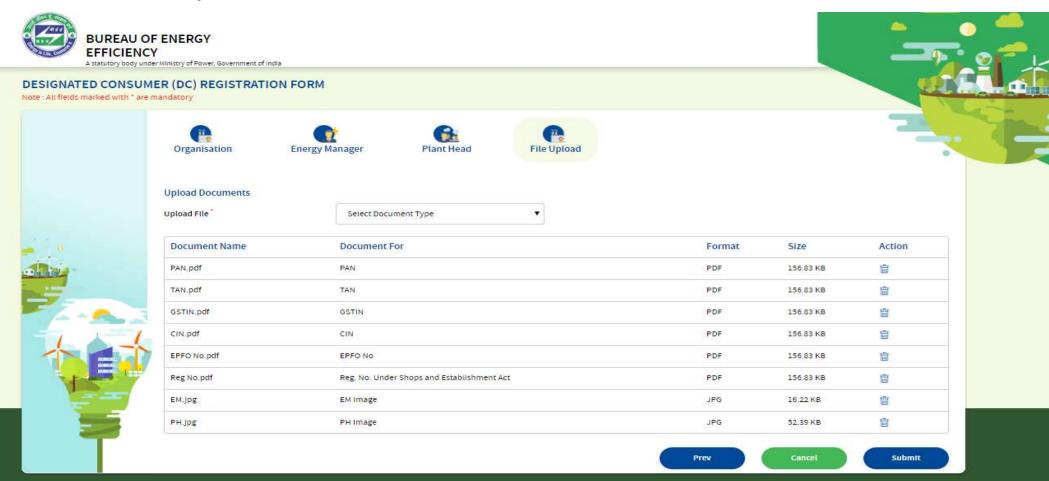
Plant Head Details



Documents Upload



Documents Required



Successful Registration



REGISTRATION STATUS



SUCCESSFULLY REGISTERED

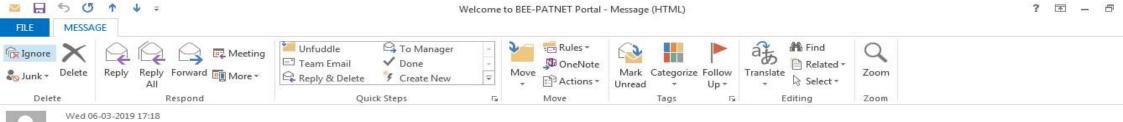
Thank you for registration. Please check your email for more details.

Your request has been assigned to Mr/Ms. Khusaboo D (Mobile: 7411876558)

For any query please contact Bureau of Energy Efficiency (BEE)



Notification



Dear Animesh Kumar,

To

BEE PATNET

Welcome to BEE-PATNET Portal

You have successfully registered on BEE PATNet.

In order to make any changes to your current registration information. You will require your User name and the security password displayed below to access the management interface.

User Name: vishaXt3jxC

Password: 5wdBm2njDx4YFm4Bj0t1

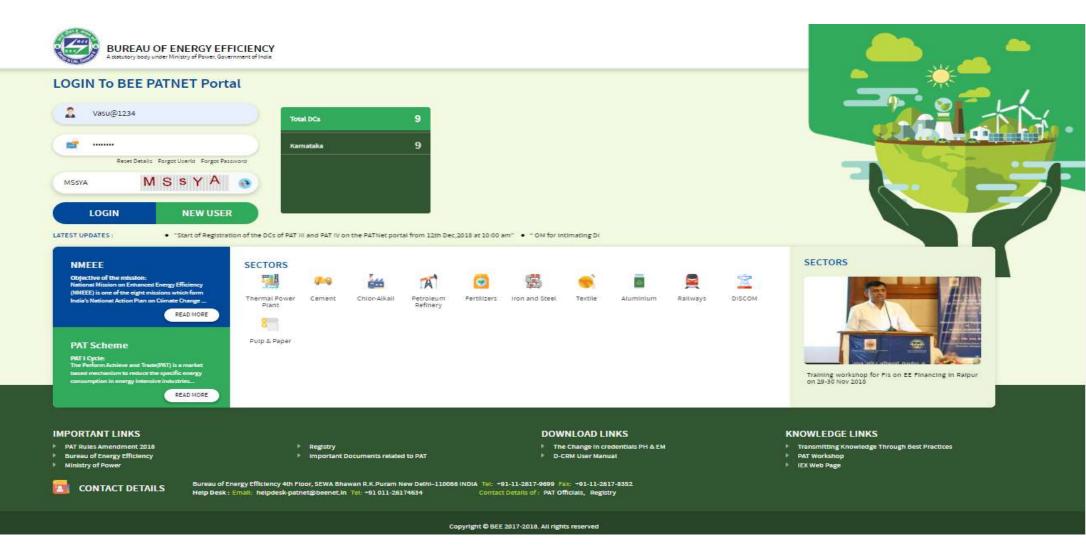
Click Here to Login

Regards, Helpdesk-PATNet Bureau of Energy Efficiency Ministry of Power, GOI 4th Floor, Sewa Bhawan, R.K.Puram New Delhi - 110066

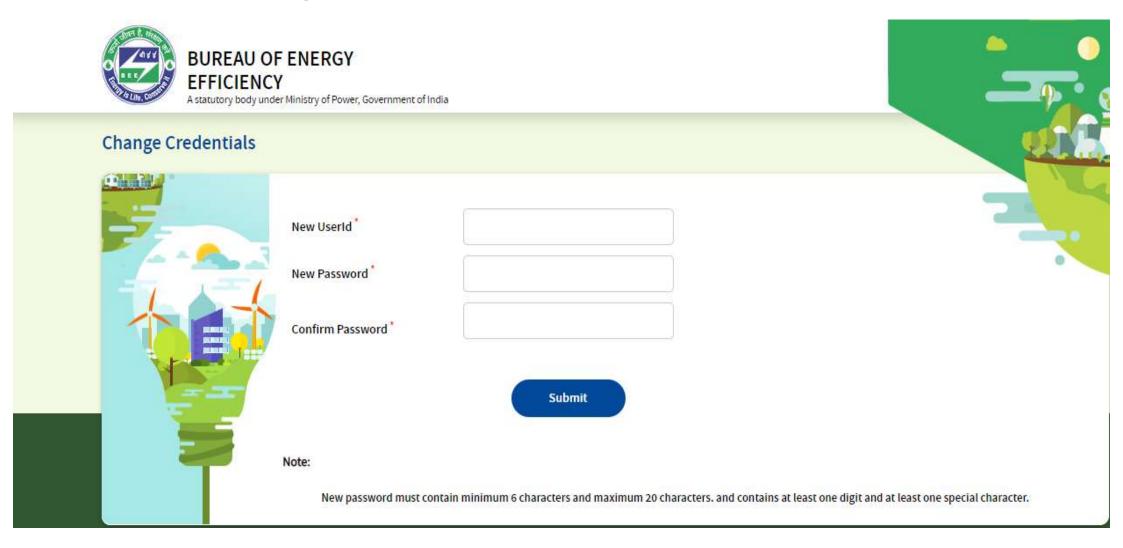


INITIAL LOGIN

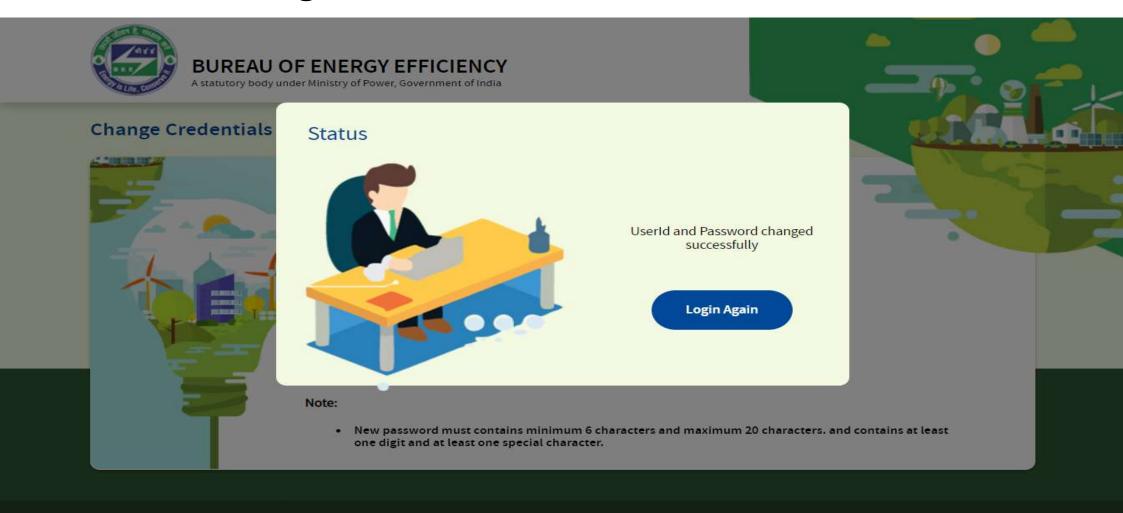
Home page



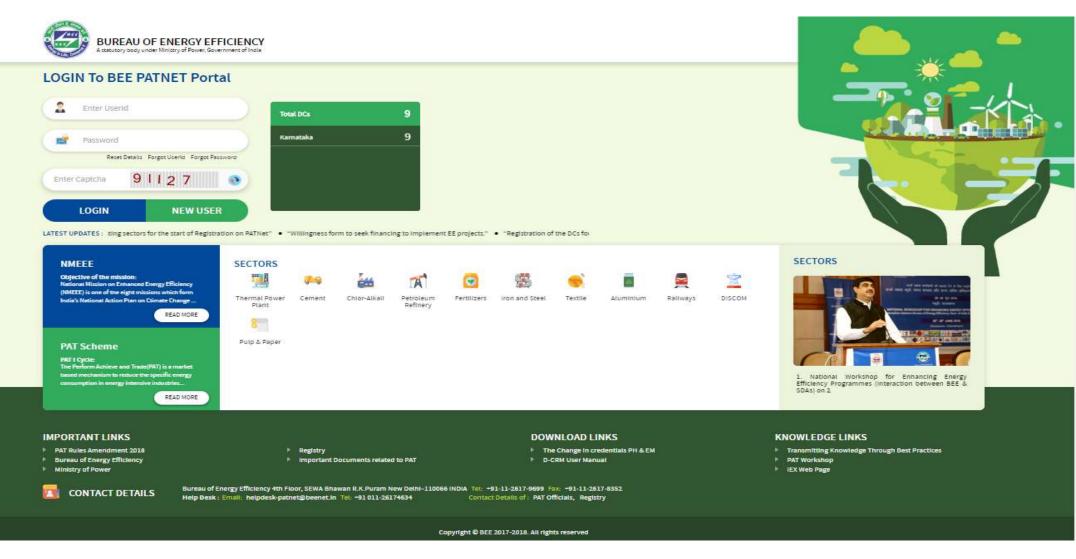
Credentials Change



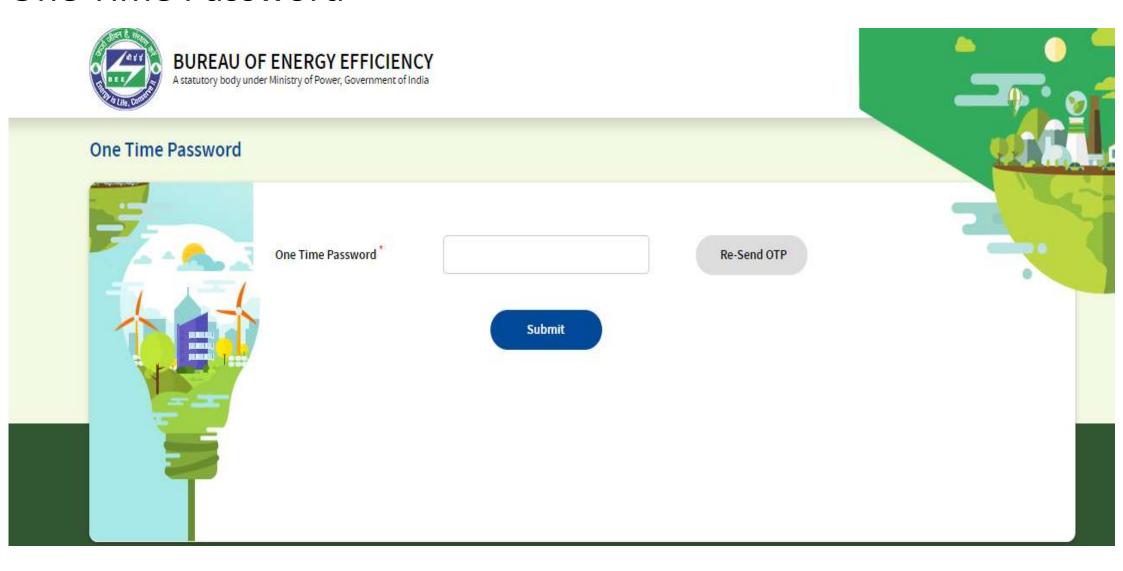
Credentials Changed



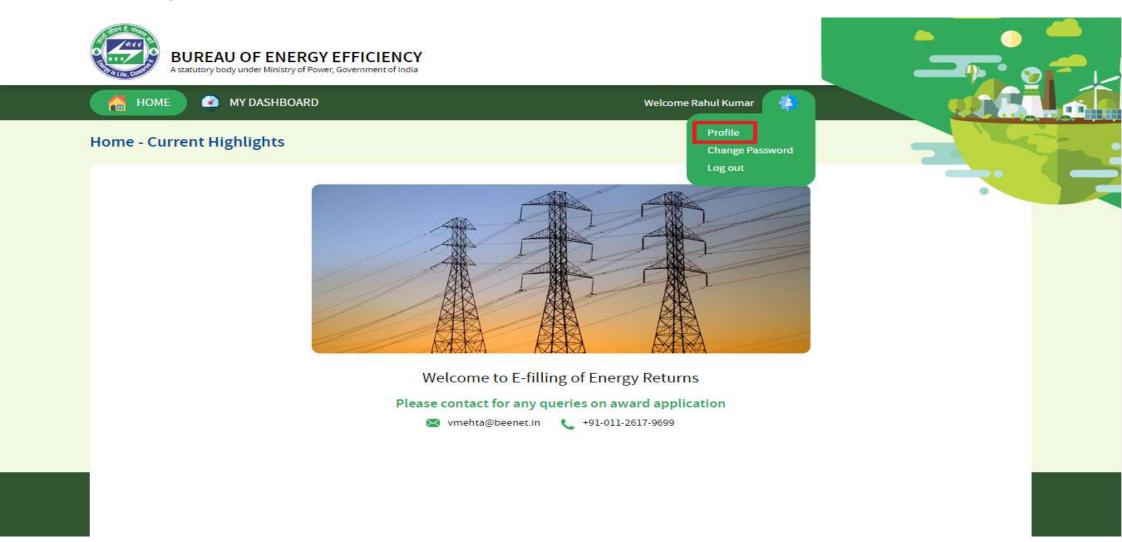
Login With New User Id and Password



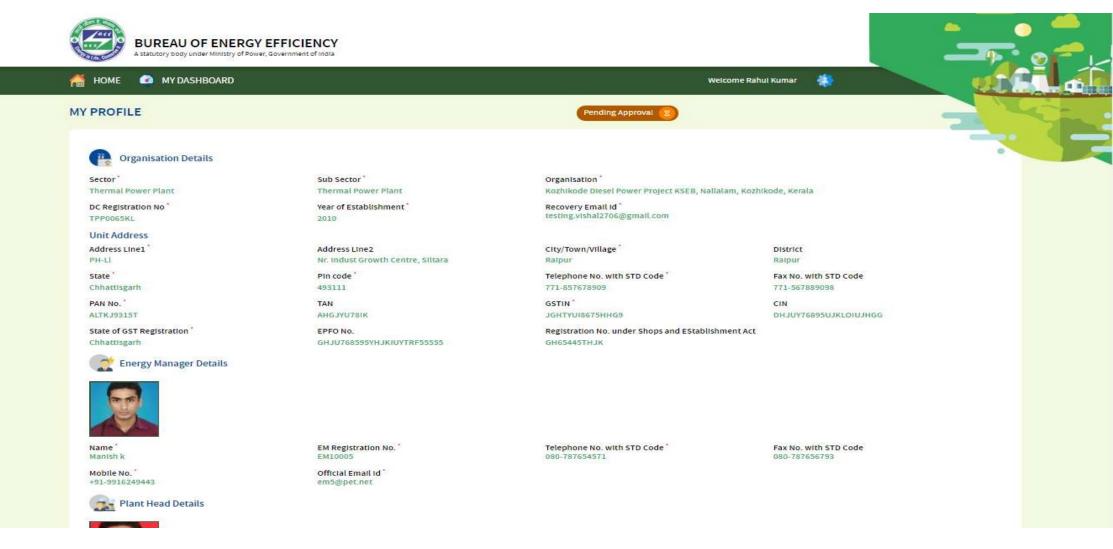
One Time Password



Home Page



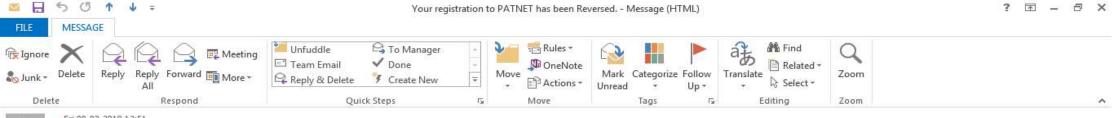
Profile - Pending Approval





REGISTRATION APPROVAL / REJECTION BY BEE HAPPENS IN DCRM 365

Notification on Rejection



Fri 08-03-2019 12:51

BEE PATNET <pet.rajesht@gmail.com>
Your registration to PATNET has been Reversed.

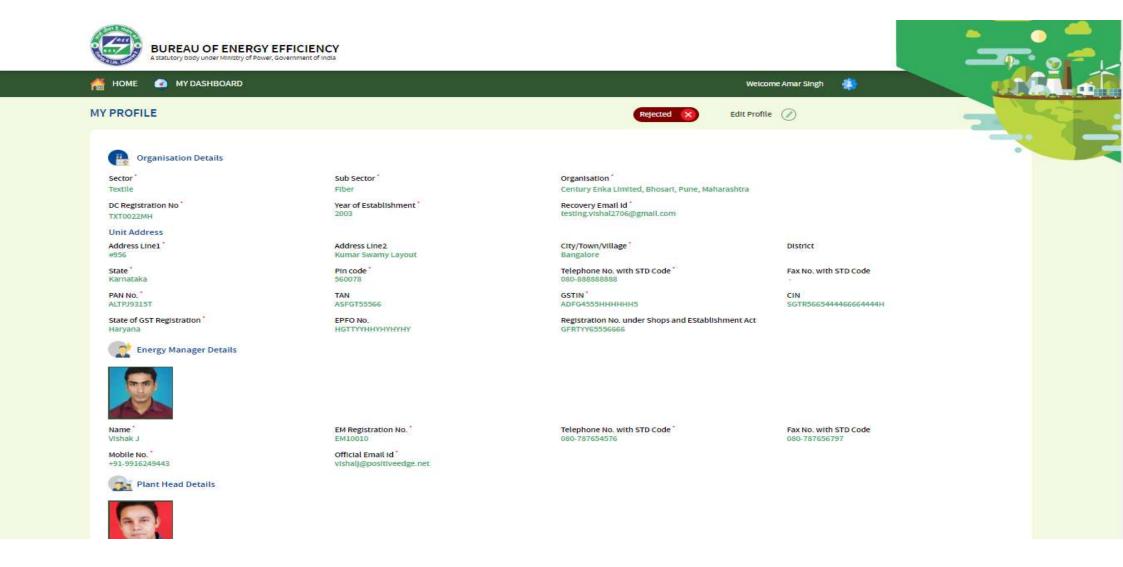
To Vishak J

Dear Users,

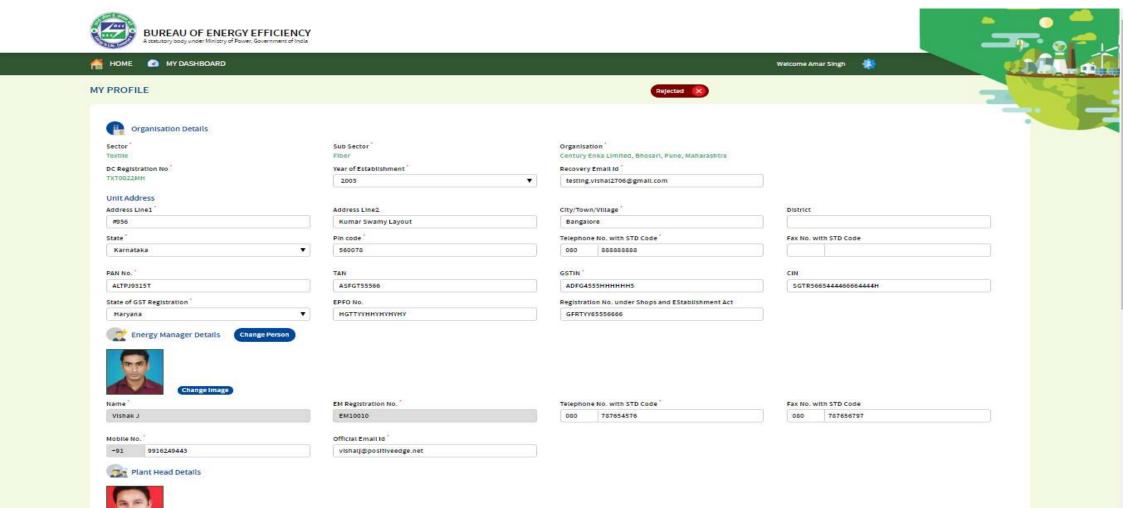
Your Registration has been reversed. Remarks(If Any):EM photograph is low resolution

Sincerely, Bureau of Energy Efficiency 4th Floor, Sewa Bhawan, R. K. Puram, New Delhi – 110066

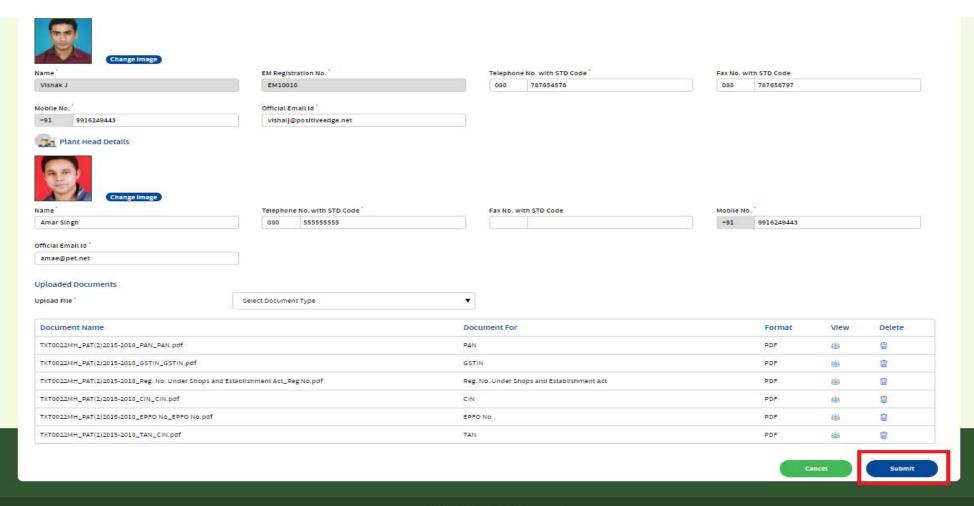
DC Profile – BEE Rejected the application



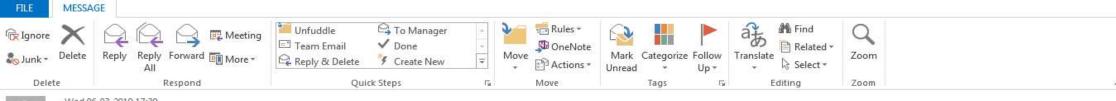
Modify Profile



Modify Profile Contd..



Notification on Approval





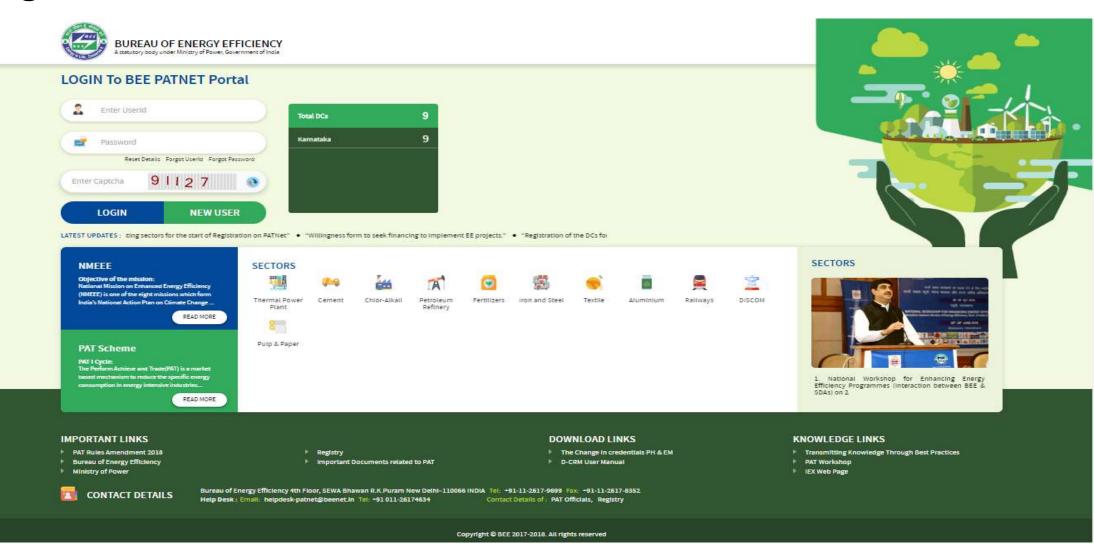
To Vishal; Anand Rao

Dear Users.

Your Registration has been approved. Remarks(If Any):

Sincerely, Bureau of Energy Efficiency 4th Floor, Sewa Bhawan, R. K. Puram, New Delhi - 110066

Login

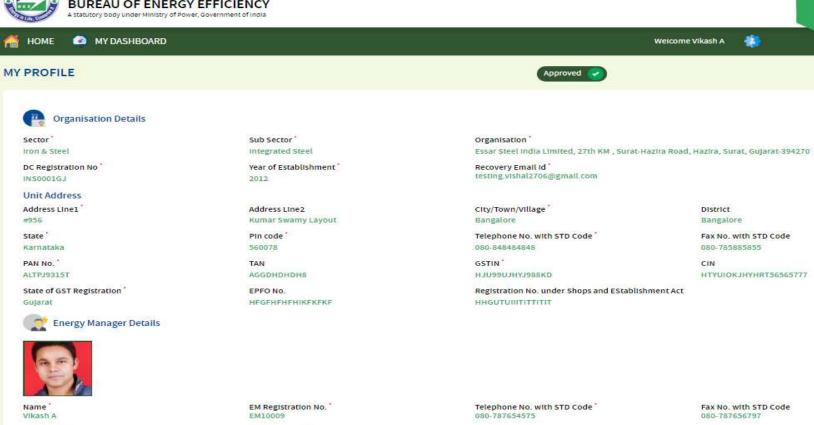


Profile

Mobile No. * +91-9916249443

Plant Head Details





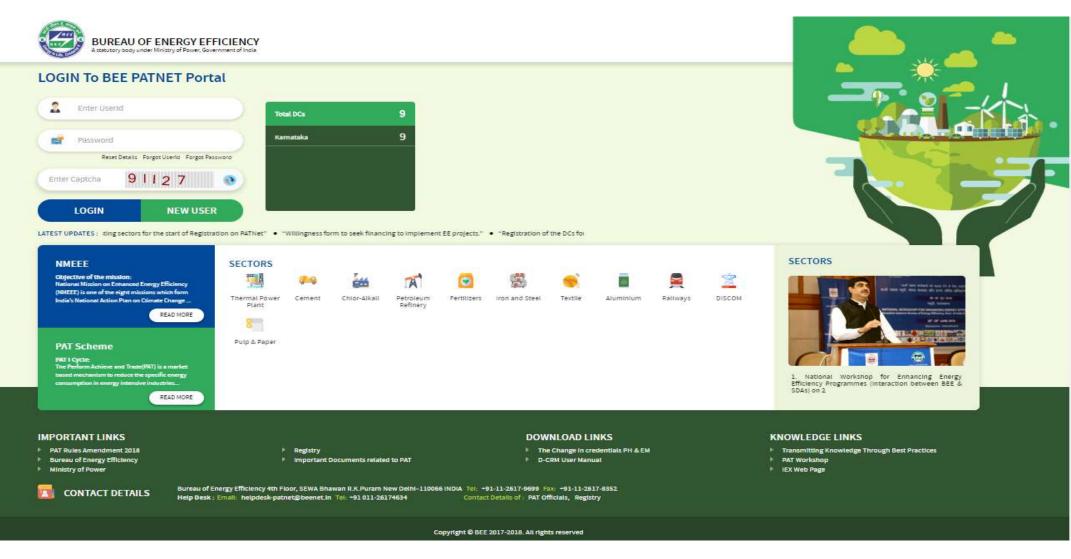
Official Email Id

vikas@pet.net

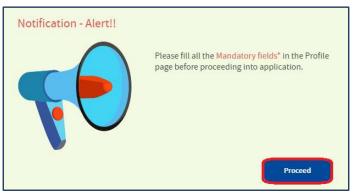


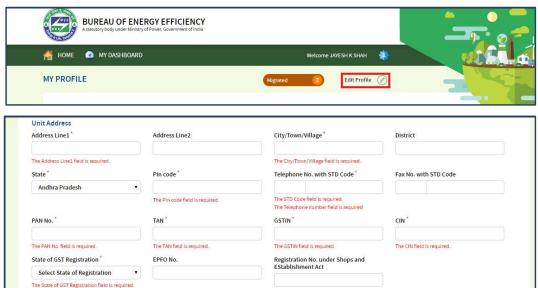
EXISTING DC PROFILE UPDATE - PATNET PORTAL

Login with the existing credentials

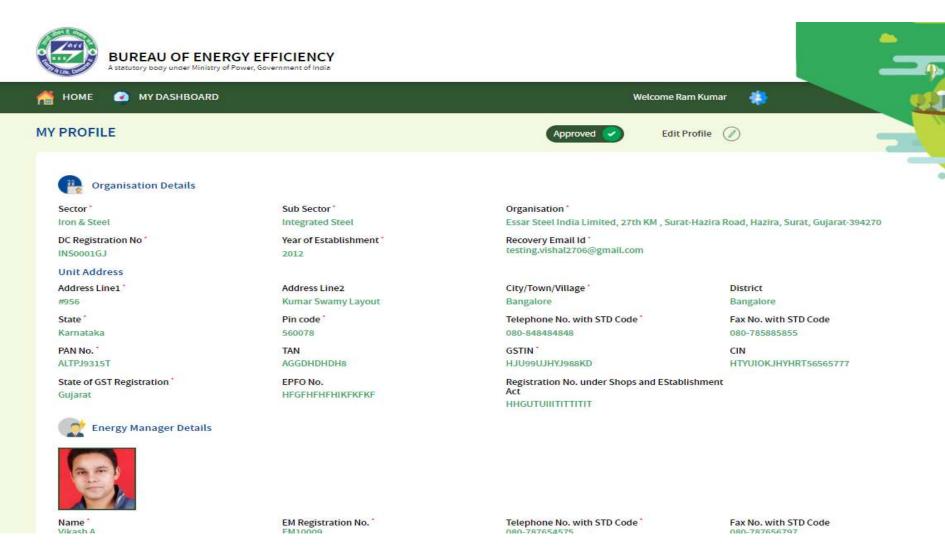


Update the missing details

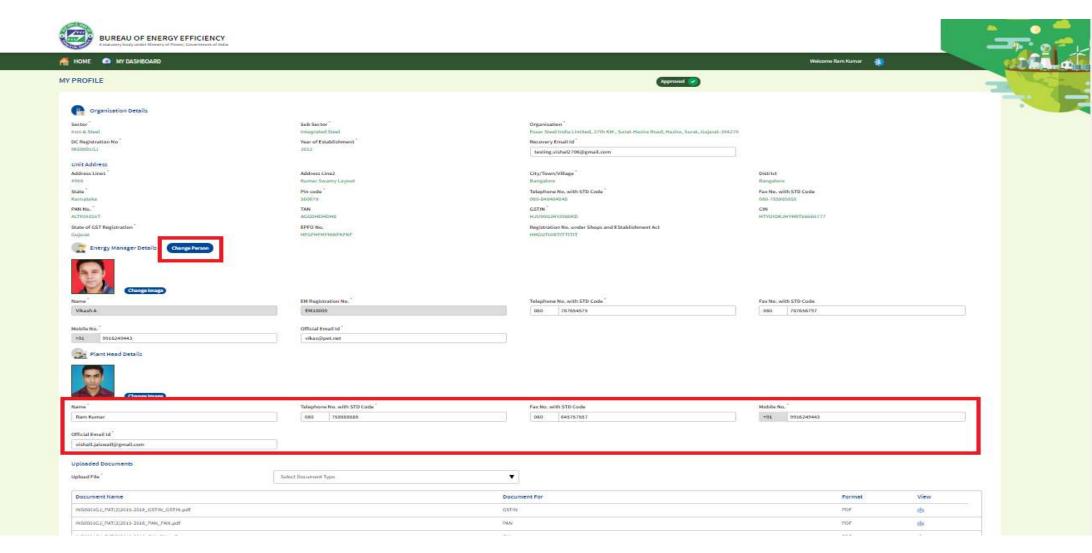




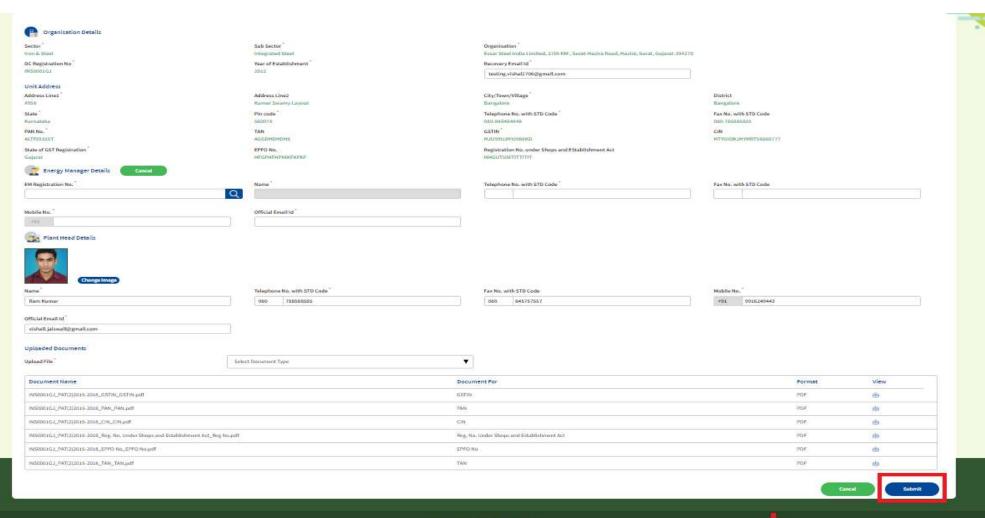
Profile



Details Update



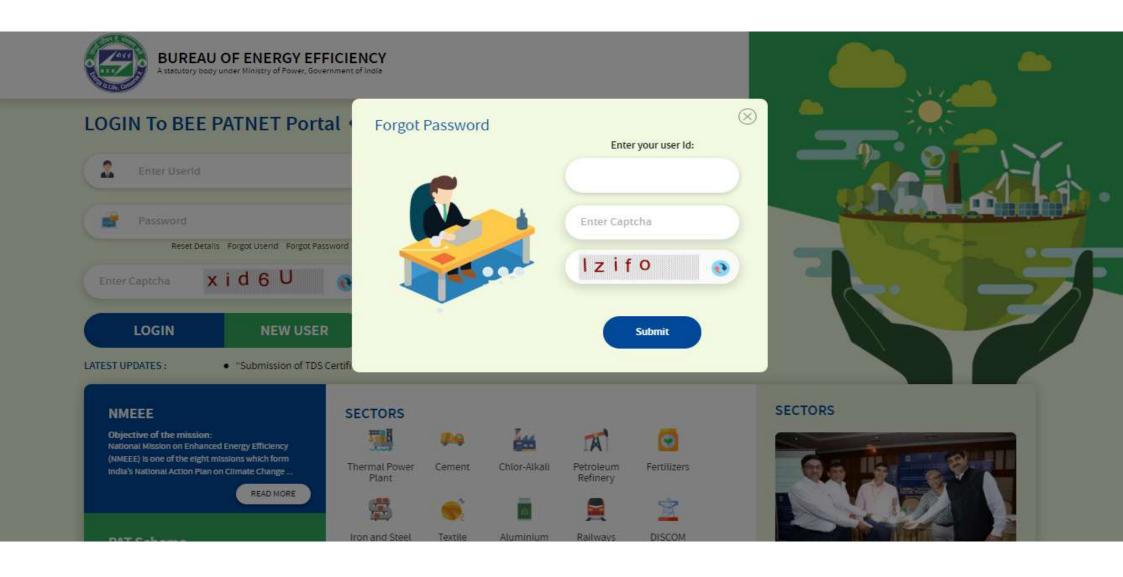
Submit the Details



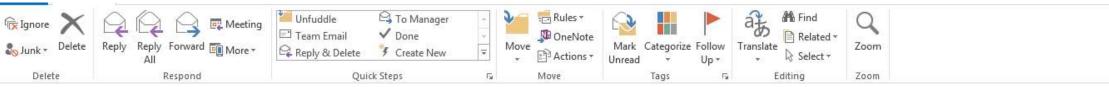


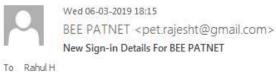
FORGOT PASSWORD?

Reset Password



Notification with new password





Dear Rahul H,

Please find below new sign-in details:

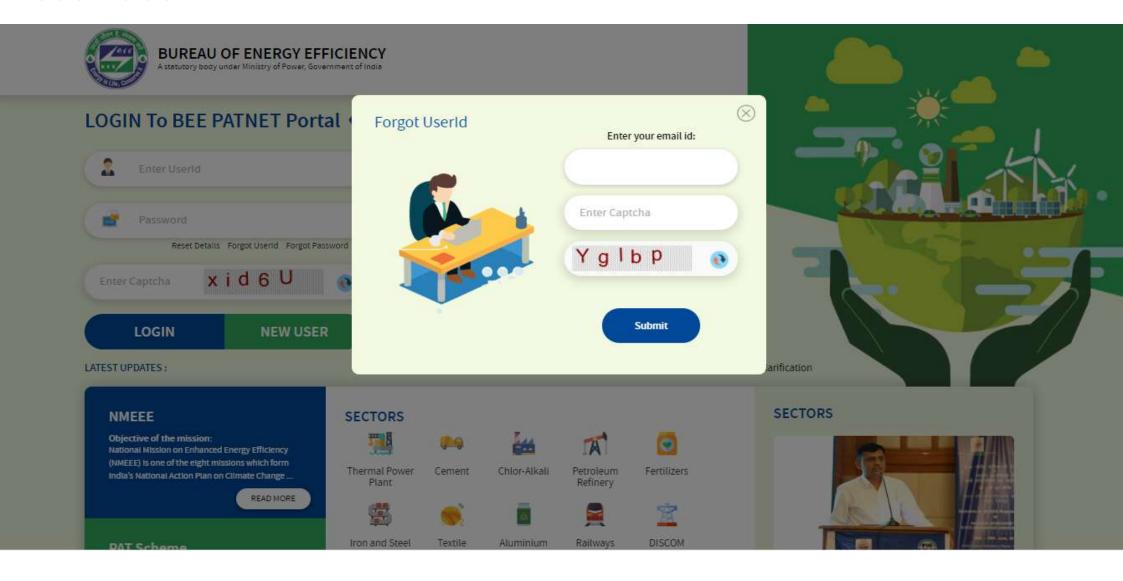
Password: MhDDEJhHeuhcHbrLARus

Regards,
Helpdesk-PATNet
Bureau of Energy Efficiency
Ministry of Power, GOI
4th Floor, Sewa Bhawan, R.K.Puram
New Delhi - 110066
Phone: 011-26766815

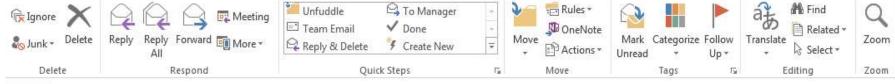


FORGOT USER ID?

Reset User ID



Notification with new User Name





Dear Rahul H,

Please find below your User Id to login to the BEE PATNET Portal

User Name: rahulikH02S

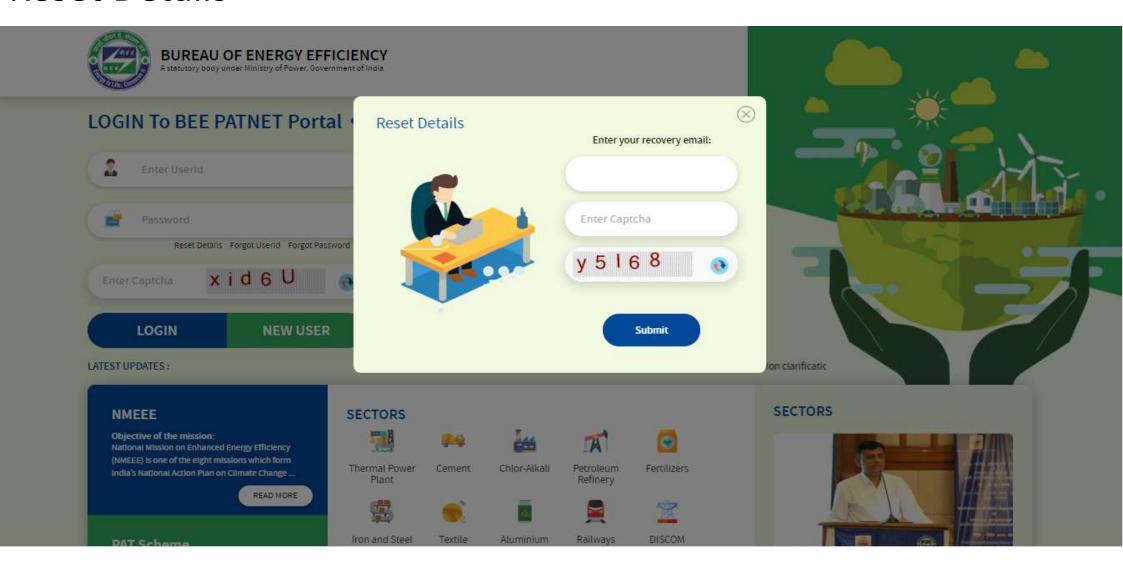
Click Here to Login

Regards,
Helpdesk-PATNet
Bureau of Energy Efficiency
Ministry of Power, GOI
4th Floor, Sewa Bhawan, R.K.Puram
New Delhi - 110066
Phone: 011-26766815



RESET DETAILS?

Reset Details



Notification on Reset Details





To Ambuja Cements Limited, Unit: Rabriyawas , Jaitaran, Pali, Rajasthan

Dear User,

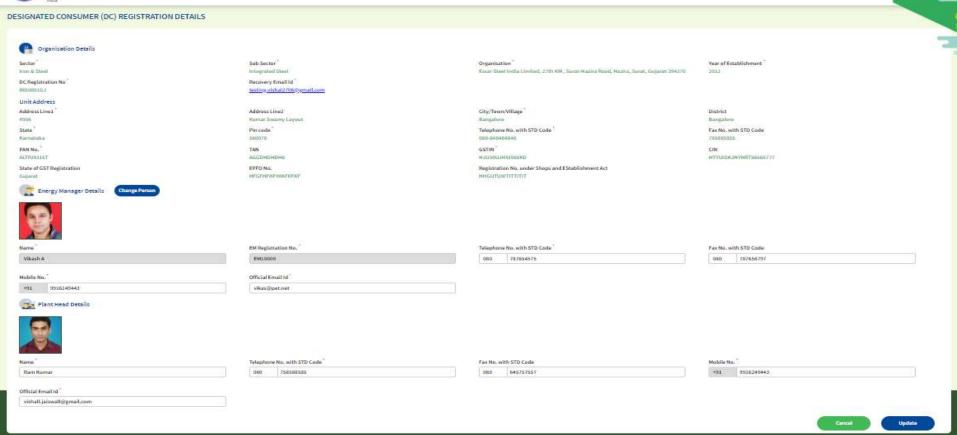
In order to reset user details, kindly click on the below link : Click here to Reset the password

Sincerely,

Bureau of Energy Efficiency 4th Floor, Sewa Bhawan, R. K. Puram, New Delhi – 110066

Reset Details







PASSWORD EXPIRY POLICY (FREQUENCY OF 3 MONTHS)

Reminders





Fri 25-01-2019 11:50

BEE PATNET <pet.rajesht@gmail.com>

Password Expiry Notification for BEE PATNET Potal

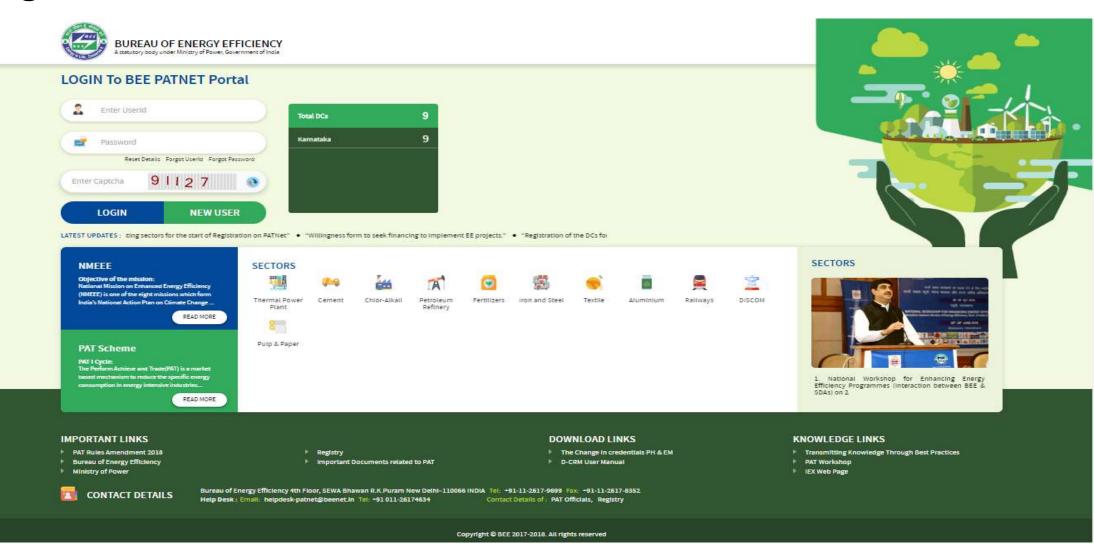
To Vishal Kumar

Dear Vishal Kumar,

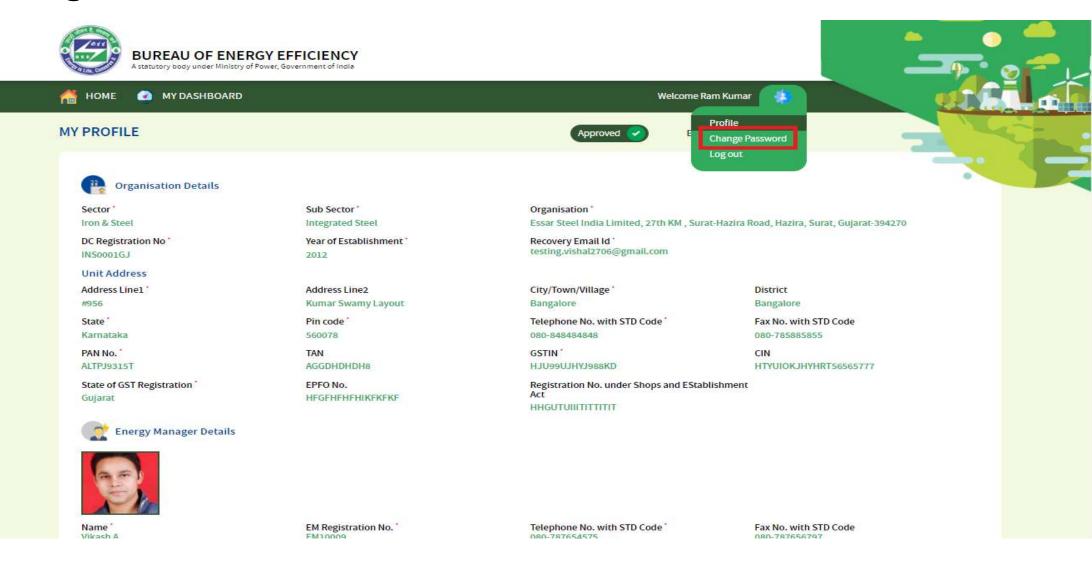
Password for the BEE PATNET is about to Expire. Please reset the Password.

Regards, Helpdesk-PATNet Bureau of Energy Efficiency Ministry of Power, GOI 4th Floor, Sewa Bhawan, R.K.Puram New Delhi - 110066 Phone: 011-26766815

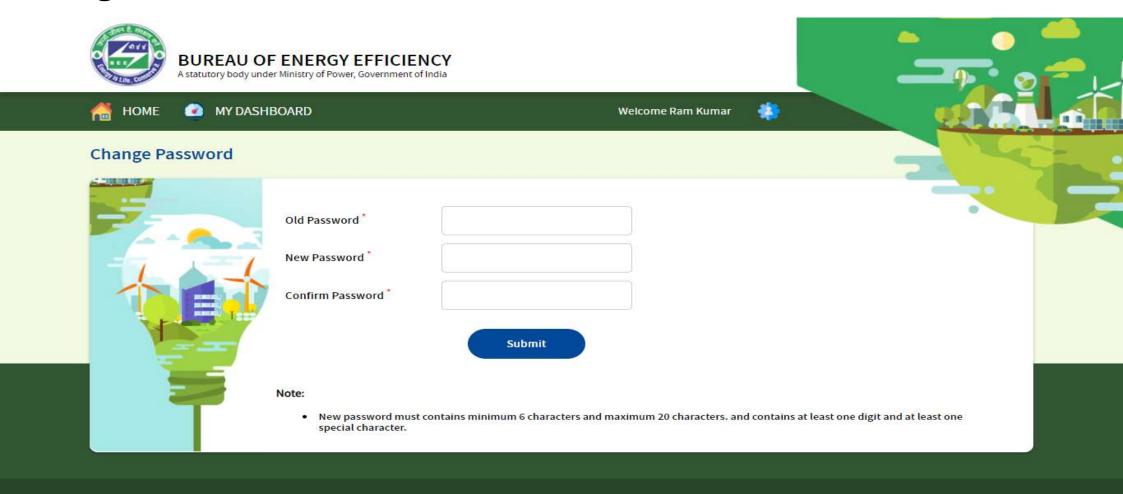
Login



Change Password



Change Password



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Notification when Password Expired





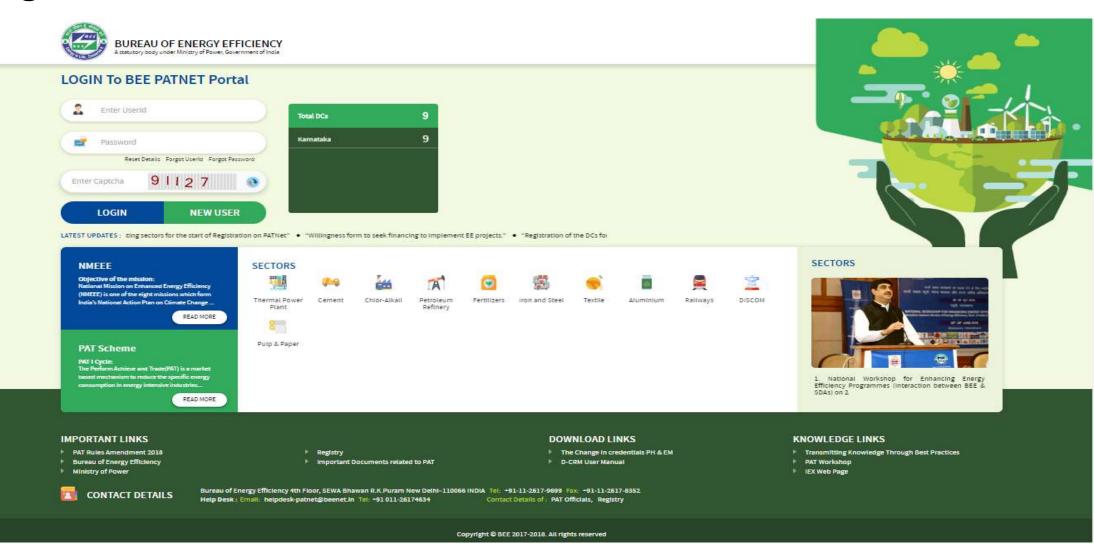
To Vishal Kumar

Dear Vishal Kumar,

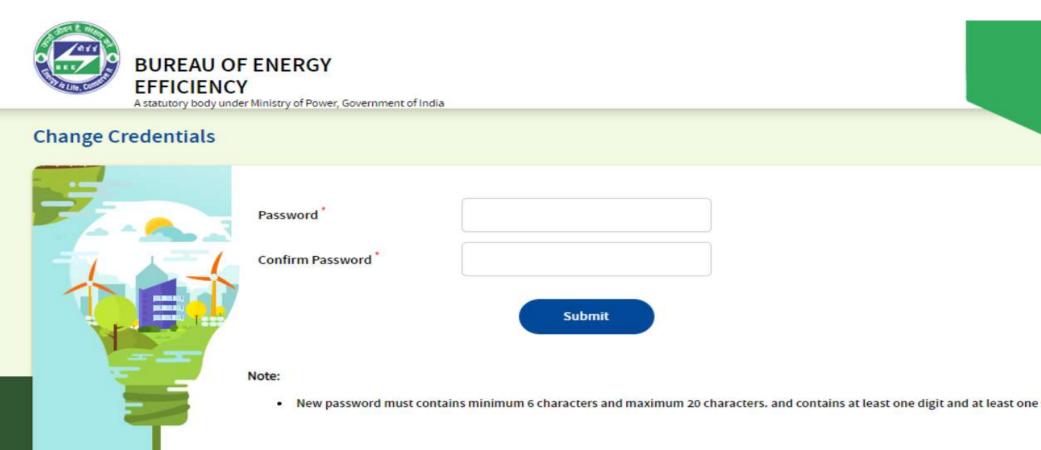
Your password for BEE PATNET account is expired.

Regards, Helpdesk-PATNet Bureau of Energy Efficiency Ministry of Power, GOI 4th Floor, Sewa Bhawan, R.K.Puram New Delhi - 110066 Phone: 011-26766815

Login



Change Password





PATNET HELPDESK

PATNET HELPDESK FOR HANDLING THE QUERIES OF DCS

- DCs having any queries regarding the registration on the PATNet platform can e-mail to BEE on the helpdesk platform.
- The e-mail id for the Helpdesk platform id helpdesk-patnet@beenet.in.
- The contact no for the helpdesk is 011-26194772.
- Timeline for solving any query is maximum of 3 days.
- Till date we have solved more than 400 queries.
- Every query raised from the DCs is having one unique complaint no. If query is not resolved in 3 days, DCs can contact BEE using that complaint no.



PROCEDURE FOR HELPDESK.....

- Step 1: Write to PATNet helpdesk with regard to any PATNet related issues (Registration related issues, issues regarding uploading of forms on PATNet, accessibility of PATNet portal). PATNet heldesk email id is helpdesk-patnet@beenet.in
- **Step 2:** In case of user id password related issues please download manual available on BEE PATNet portal i.e https://beenet.gov.in with the heading of "The Change in credentials PH & EM".
- Step 3: After registration of complaint at PATNet helpdesk an acknowledgment email shall be sent to DC/EM/EA immediately with complaint number. This complaint shall be addressed in 3 working days "including the date of registration of complaint". Within these 3 working days PATNet helpdesk team including IT agency shall resolve the issues and shall also send an intimation back to the DC regarding the successful closer of their complaint. In case of any major issues, the DC/EM/EA will be informed about the status of their complaint and the required time to resolve it.
- **Step 4:** If DC still faces any query then they may contact PATNet helpdesk on phone no. **011-26194772** (Office timings 9:30 am to 6:00 pm on working days).

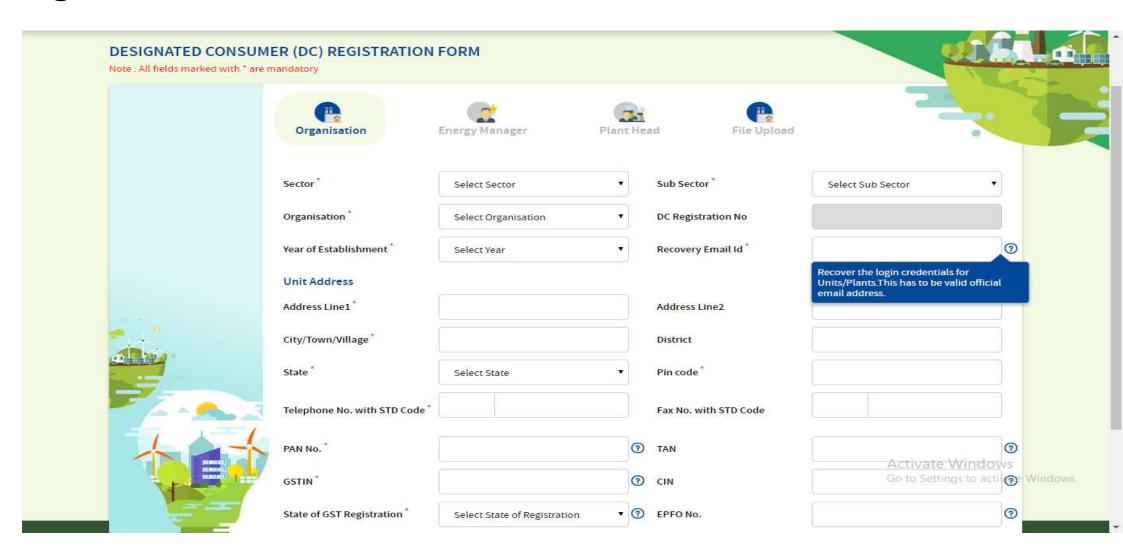
ISSUES RESOLVED STATUS

SI. No	Subject	Status
1.	Since 23 rd August 2019 no. of complaints received	442
2.	No. of complaints resolved till date	441
3.	No. of compaints under process	01
4.	On an average complaints received everyday.	20
5.	No. of phone calls received everyday on PATNet helpdesk	Approximately 15 to 20.

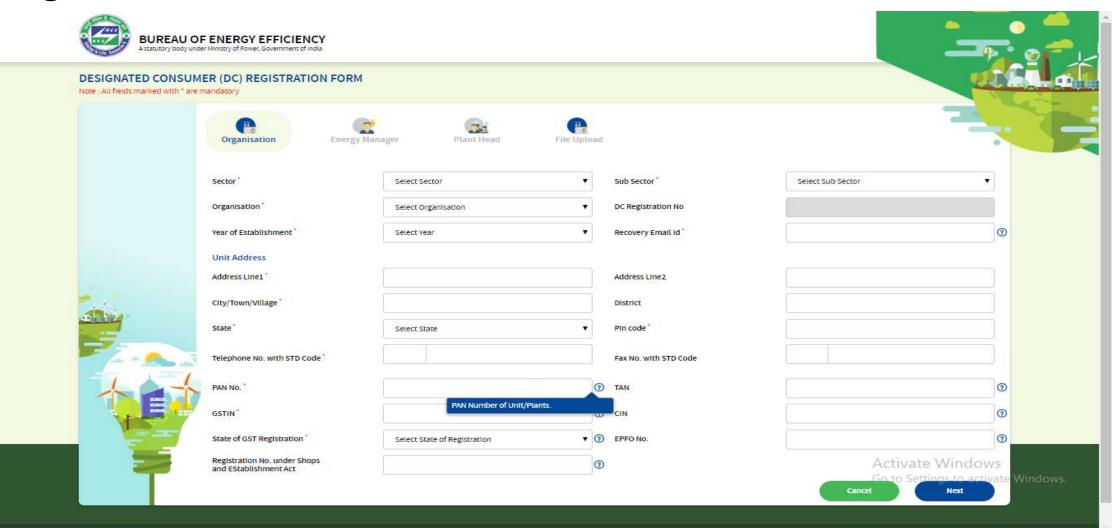


USER FRIENDLY AND INTUITIVE PORTAL

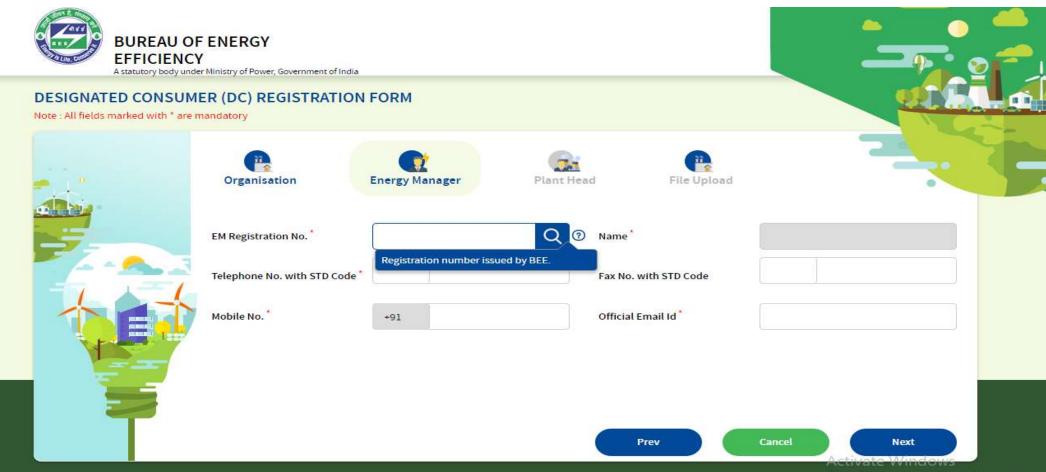
Registration



Registration



Registration

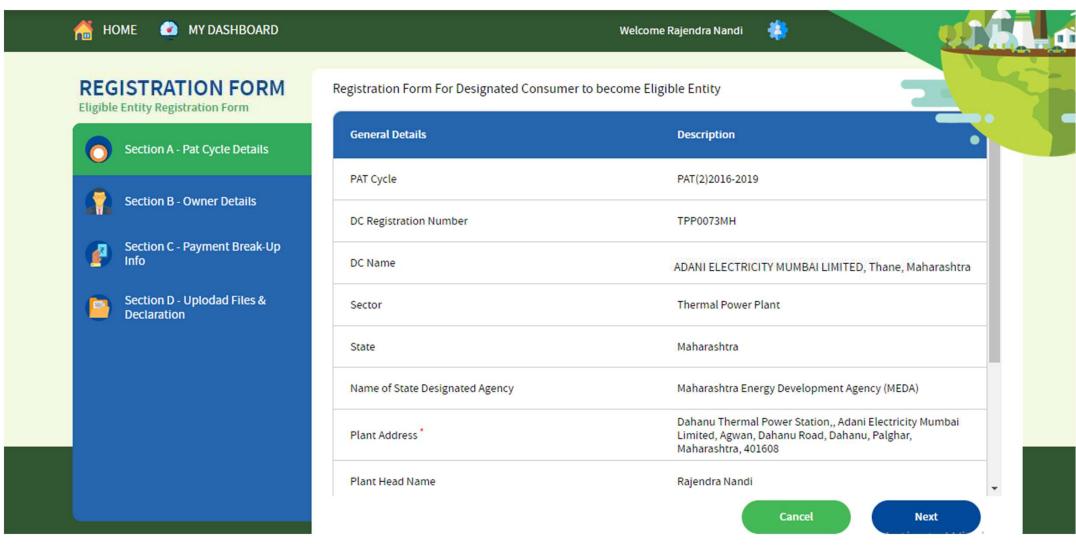


Go to Settings to activate Windows

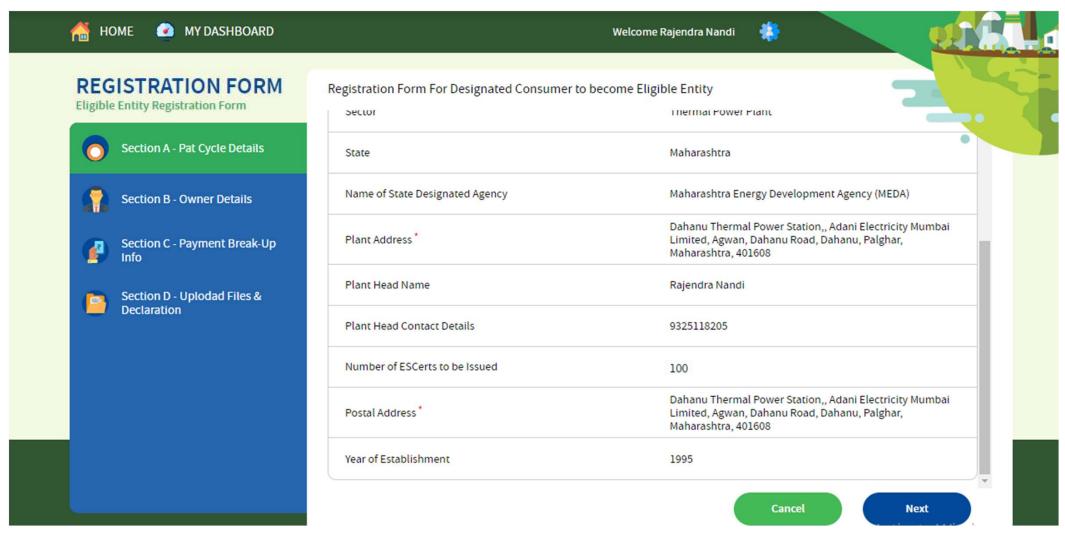
PATNet – Escerts Issuance Dashboard-EER Registration



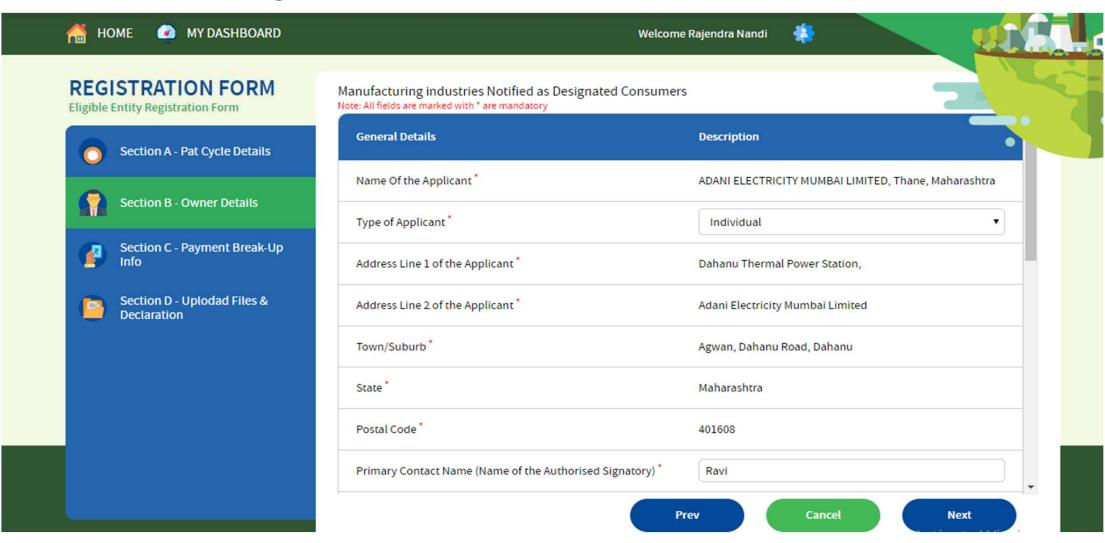
PATNet – EER Registration Section A - PAT Cycle Details



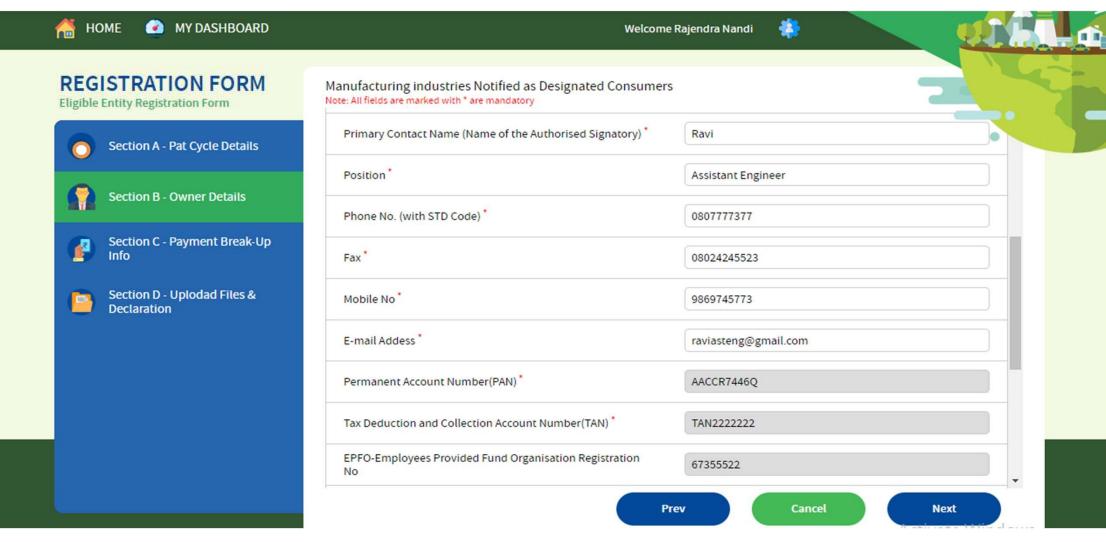
PATNet – EER Registration Section A - PAT Cycle Details Contd..



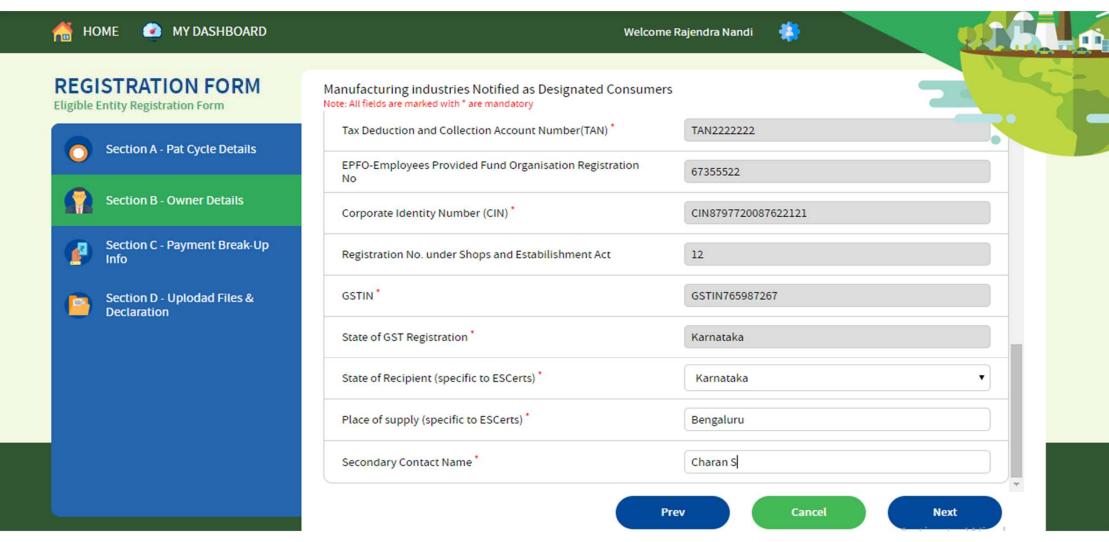
PATNet – EER Registration Section B - Owner Details



PATNet – EER Registration Section B - Owner Details Contd..



PATNet – EER Registration Section B - Owner Details Contd..



PATNet – EER Registration Section D – Uploaded Files



Energy Consumption Details of Manufacturing industries Specified As Designated Consumers

Document Name	Document For	Format	Viev
TPP0073MH_2012-15_Authorization Letter_Authorisation_Rajendra Nandi_TPP0073MH.pdf	Others	PDF	Ŕ
TPP0073MH_2012-15_CIN_CIN_TPP0073MH.pdf	CIN	PDF	南
TPP0073MH_2012- 15_GSTIN_GSTIN_TPP0073MH.pdf	GSTIN	PDF	南
TPP0073MH_2012-15_PAN_PAN_TPP0073MH.pdf	PAN	PDF	命
TPP0073MH_2012-15_Payment_Registration Fees and Charges_TPP0073MH_Dtd_15July2017.pdf	Others	PDF	帝
TPP0073MH_2012-15_TAN_TAN_TPP0073MH.pdf	TAN	PDF	帝
TPP0073MH_Reg. No. Under Shops and Establishment Act_IE_notification.JPG	Reg. No. Under Shops and Establishment Act	JPG	P

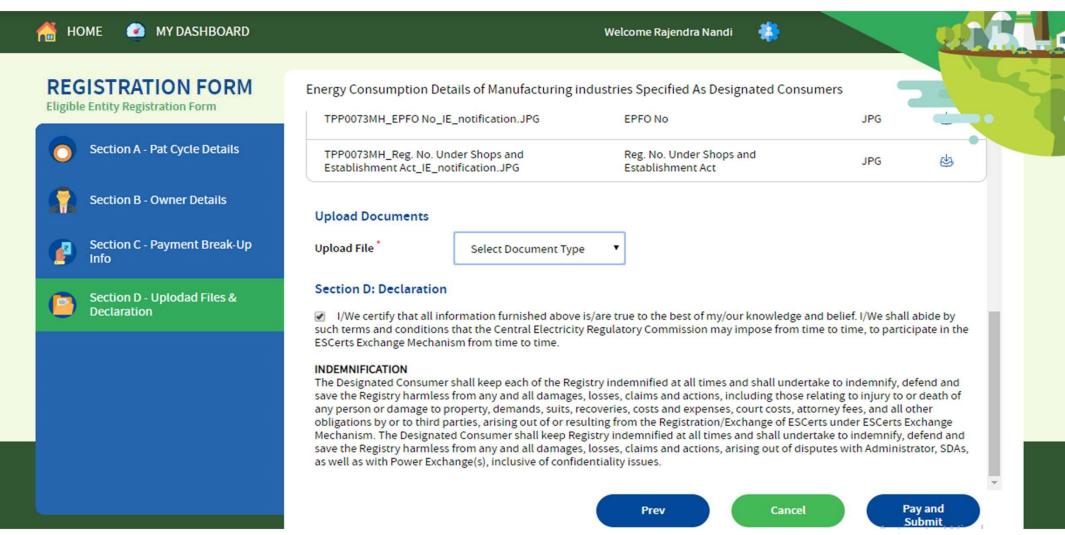
Welcome Rajendra Nandi

Prev

Cancel

Pay and Submit

PATNet – EER Registration Section D- Declaration & Pay and Submit





HELPDESK EMAIL- HELPDESK-PATNET@BEENET.IN HELP DESK NO- 011-26194772/70

THANK YOU