



Arunachal Pradesh Energy
Development Agency

Report on One-Day Conference on 'Investment Bazaar for Energy Efficiency' Organised By: SDA, APEDA

09th November 2022 at Hotel PYBSS , Itanagar, Arunachal Pradesh





Arunachal Pradesh Energy
Development Agency

One-Day Conference on Investment Bazaar on Energy Efficiency

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Arunachal Pradesh Energy
Development Agency

Investment Bazaar for Energy Efficiency

Date: 9th November 2022

Venue: PYBSS Hotel, Itanagar

PROGRAMSCHEDULE

Time	Topic	Speaker
09:30AM-10:00AM	REGISTRATION	
10:00AM-10:30AM	INAUGURALSESSION	
	Felicitation of Guests & Welcome Address with Keynote address	Er. (Smt.) Asi Linggi Dy. Director, APEDA
	Address from Chief Guest	Er. Nongkong Perme, SE Deptt. Of Power (SLDC)
10 30 - 11 00	Discussion ,Q &A , ,	Er. Nongkong Perme, SE Deptt. Of Power (SLDC) Mr. A.K Sinha Ex Director (EM), NPC
	Group Photograph Tea break	
11:00 AM - 11:50 AM	Online Presentation on facilitation centre	
TECHNICALSESSION		
11:50AM-12 :20PM	Presentation of PPT on Energy Efficiency Technologies & Energy Efficiency Financing.	Mr. Debasis Das Finance Expert, BEE
12:20PM-13 30P M	Presentation of PPT on case studies of Energy Efficiency Projects ,its Advantages, outline of Bankable DPR	Mr. A.K Sinha Ex Director(EM), NPC
13:30 PM - 14 :30 PM	Presentation of MSME Financing Schemes from banks	
	SIDBI, Itanagar	Mr Albert L. Gangte ,Officer in charge
	Bank of Baroda, Itanagar	
	Canara Bank, Itanagar	Mr Sanjay Nath ,Marketing Officer,Canara Bank
14 :30 PM-15 -00 PM	Q&A, Discussion, Submission of Willingness form,	Er. (Smt.) Asi Linggi Dy. Director, APEDA; Mr. A.K Sinha Ex Director (EM), NPC Mr. Debasis Das Finance Expert, BEE
	Vote of Thanks	Er. TarkinTayem, JE (BEE) APEDA
15 00 PM	LunchBreak and departure	



Preamble: Arunachal Pradesh Energy Development Agency, Government of Arunachal Pradesh in association with Bureau of Energy Efficiency, Ministry of Power, Govt. of India organized a one-day Conference on 'Investment Bazaar for Energy Efficiency' on 9th November 2022 at PYBSS Hotel, Itanagar

Background: Lack of access to finance for MSMEs is one of the stumbling blocks for implementing energy conservation measures and energy efficient technologies. With this cognizance, BEE, EESL, SIDBI, IREDA and many other credible institutions have implemented several pilot energy efficient technologies with financial assistance in SME sectors. To aid the replication of these EE technologies across the sectors, cluster level entities are being involved & strengthened.

With the above background in mind & to further strengthen this sector in Arunachal Pradesh, this Programme was conducted by APEDA in association with Bureau of Energy Efficiency & other stakeholders to accelerate the above.

Objective of the Programme :

- a) To create awareness among MSME industry stakeholders on different financing schemes, EE product/services, mode of implementation of EE projects among all the stakeholders viz., ESCOs, Financial Institutes, OEMs, Industry and Government officials.
- b) To bring together all the stakeholders viz., ESCOs, Financial Institutes, OEMs, Industry, Government Institutions, Industry Associations under one platform to deliberate and share best practices in Energy Efficiency and financing options available for Energy Efficiency Projects in the sector.
- c) To provide platform to highlight bankable energy efficiency projects in presence of Financial Institutes, OEMs, MSME industries, ESCOs etc. to enable them to initiate a dialogue directly with FIs.

Inaugural Session:

The conference was inaugurated Er. Nongkong Perme, SE Deptt. Of Power (SLDC) in the august gathering of more than 25 participants from various SME Industries, hotels, hospitals, FIs by lighting the lamp followed by other speakers on the dais & also a few from the distinguished participants .



Inaugral Session of Investment Bazaar conference

While speaking on the occasion, he briefed on the important role played by SLDC and the need for EC & the support for MSMEs towards implementing EE Projects .He also described the need for EC through simple examples. He also discussed on the role played by SLDC towards bringing overall grid discipline & power quality thereby indirectly helping industry on EC in their plant and efforts being made for continuous improvement . .

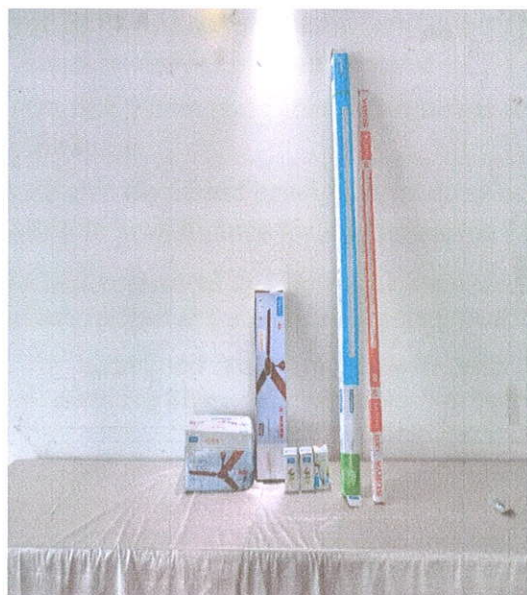
Er. (Smt.) Asi Linggi Dy. Director, APEDA welcomed all the guests & participants & briefed on the objective of the conference. She emphasized the need for overall EE improvements in the state to enable India to achieve its commitments of NET ZERO emission goal by 2070. She also emphasized importance of energy efficiency & implementation of relevant new and innovative energy efficient technologies in MSMEs and building in the State.

Representatives of MSMEs raised a number of issues & practical problems being faced by them in their plant related to electrical supply, operation & use of electrical machinery; electrical motors being faced by some of them, possibility of use of new & renewable energy for fossil fuel supplement in their plant & were satisfactorily addressed/resolved by the speakers on the dais.

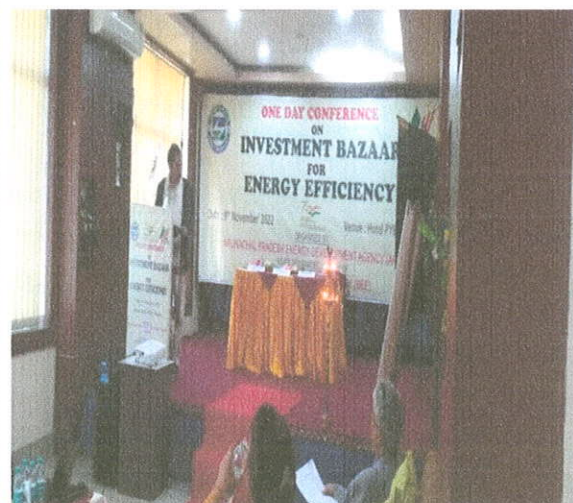
A few photographs taken during inaugural session are given below:



Presentation by SIDBI, Itanagar



Energy Efficient appliances on display



Chief Guest Er. Nongkong Perme delivering on
Power Departments role in MSME sector



Technical Session:

Technical session started with the on line presentation by the representative from BEE's Facilitation Centre for Energy Efficient Technologies to facilitate the implementation of Energy Efficiency technologies.

BEE has set-up a Facilitation Centre for encouraging and up-scaling Energy Efficiency Financing in the country in association with M/s Darashaw and Company Private Limited.

The objective of the Facilitation Centre is to:

- ❖ Collect the specially designed willingness forms and spread awareness of BEE's financing schemes among various beneficiaries like large industries /DCs under the PAT Scheme of BEE, MSMEs, Commercial and Institutional buildings, Municipalities, Corporations and Commercial establishments.
- ❖ Prepare the list of Energy Efficient (EE) Technologies (already in place); review & update the same on a regular basis and
- ❖ Develop an Online Platform for mobilizing EE financing in the country.
- ❖ Provide training programs provided by BEE to financial institutions on EE financing. She briefed about the EE of BEE and its outline. She mentioned about the recently launched new financing program for grading of energy efficiency projects where cost of grading for first 100 bankable projects shall be borne by BEE.
- ❖ This was followed by the session on Energy Efficiency Technologies & Energy Efficiency Financing through PPT presentation by Mr. Debasis Das, Finance Expert, Representative of BEE. He touched upon briefly on the 74 EE technologies of BEE already in place & subsequently explained in detail
- ❖ On BEE Financing Scheme initiatives under NMEEE & activities so far undertaken under the same.
- ❖ He also discussed briefly & explained on the submission of willingness form developed by BEE to seek finance for implementing EE measures/projects in the participating unit .

The last technical session was covered by Mr. A.K Sinha Ex Director & Head (EM), NPC and acertified & accredited Energy Auditor of BEE.

He explained the benefit/win win situation of MSME industries & Buildings by implementing EE measures through presentation of several case studies/examples applicable for these industries, explained the nature of investment, recurring benefits towards savings in energy bill and simple pay back of such investment. He also indicated that since energy cost is ever increasing, benefits through implementation of such EE technologies on energy saving is higher & higher in the long run and some of them are easily implementable low hanging fruits.

This was followed by a brief PPT presentation on the salient features, outline, and areas to be looked into by the participants/MSME units while preparing a bankable project report on ENERGY EFFICIENCY for the EE projects/equipment has to be undertaken by them for replacing the existing inefficient one for submitting to BEE for seeking/availing financial support.

At the end of technical session, questions raised by participants were duly addressed by the respective faculty members.

A few photographs taken during Technical Session are given below:



Participants comprising of Banks, MSMEs, Hotels, Hospitals



Shri, AK Sinha, knowledge partner for Investment Bazaar delivering on EE aspects in MSMEs



Presentation of Banks & FIs on Energy Efficiency Financing schemes available for MSMEs:

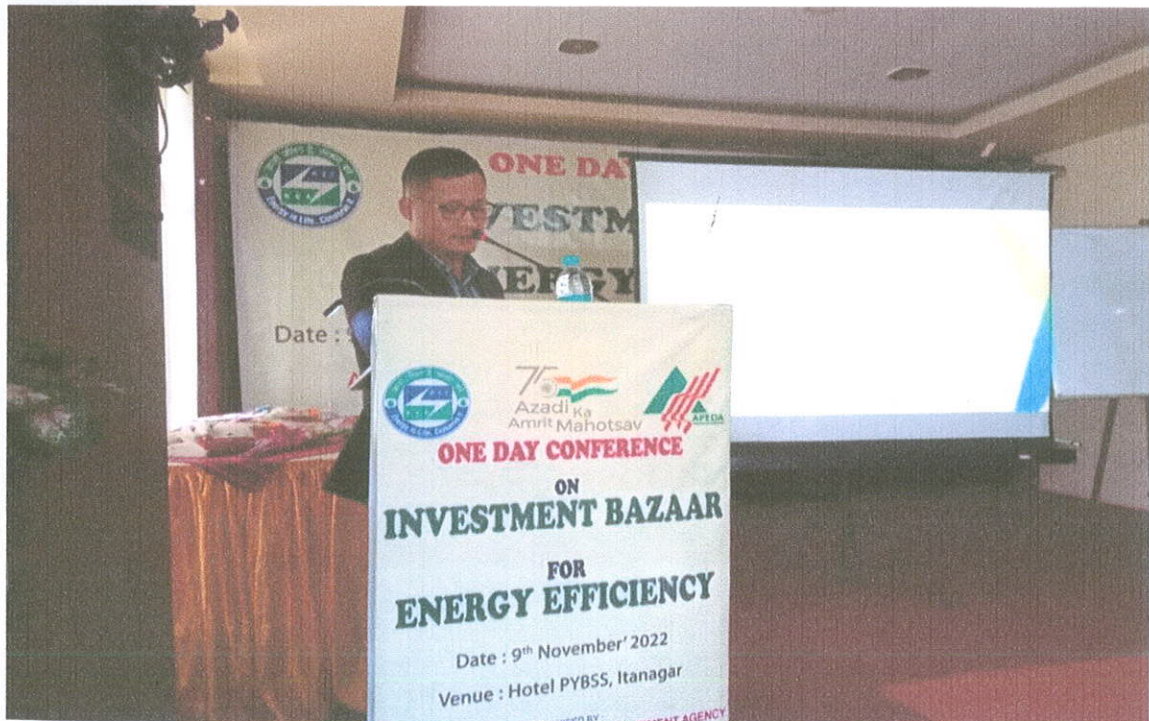
SIDBI: Mr. Albert L. Gangte, Officer in Charge SIDBI, Itanagar presented the various financing schemes beneficial to industries & MSME for implementation of energy efficiency projects. The following points were discussed:

While presenting the SIDBI profile, he indicated objective of SIDBI schemes, its key features, eligibility criteria, maximum loan maximum amount, rating based interest rate for MSME industries

Canara Bank & Bank Of Baroda: Mr Sanjay Nath, Marketing Officer, Canara Bank & the representative of Bank of Baroda presented their schemes in detail with salient features of such schemes for MSME industries . Various Policies, financing schemes for investment in energy efficiency for MSMEs were discussed.

Necessary clarification sought by the representatives of participating MSME units were duly covered.

Photographs taken during Presentation of Banks & FIs are given below:



Concluding session:

- 1. Discussion by stakeholder during the session:** At the end of the programme, Mr. Manoj Kumar representing Siang Tea & Industries (P) Limited felt that there are some potential areas/applications in the plant where project for energy efficiency technology can be retrofitted .

EE products displayed in the conference:

A stall displaying EE & Star rated light bulbs, FTLs, Super EE BLDC ceiling fan were placed for during the conference for view of the participants.





Outcome of the Investment Bazaar:

Following MSMEs have submitted the willingness forms:

To,

The Secretary,
Bureau of Energy Efficiency
4th Floor, Sewa Bhawan,
R.K. Puram, Sector-1
New Delhi - 110066

Sub: Submission of Willingness Form to Implementation of Energy Efficiency Measures/Project(s)

Sir,

The undersigned express our willingness to avail a bank financing/loan for the implementation of energy saving measures in our unit. Details of company/industry are as follows:

Name of the Company	Shree Sri and Associates Pvt. Ltd.
Type of Industry/Sector	IT
Name of Authorized Representative	Mr. Anand Kumar
Telephone/Mobile Number of Authorized Representative	98860 80000
Email ID of Authorized Representative	anandkumar@shreesriand.com
Nature of project (please tick)	<input checked="" type="checkbox"/> Procurement of Energy Efficiency appliances/equipment/technologies <input type="checkbox"/> Replacement of old energy intensive appliances with EE appliances <input type="checkbox"/> Others, please specify:

Details of Nodal Officer authorized company/industry for this willingness form -

Name	Designation	Email ID	Mobile No.
Mr. Anand Kumar	Authorized Representative	anandkumar@shreesriand.com	98860 80000

Thanking You

Yours Faithfully

(Signature of Authorized representative)

Name: Mr. Anand Kumar

Designation: Authorized Representative

Name of Company Establishment: Shree Sri and Associates Pvt. Ltd.

Phone Number: 98860 80000

Address: Plot No. 10, Sector 1, R.K. Puram, New Delhi

Seal: Shree Sri and Associates Pvt. Ltd.





Arunachal Pradesh Energy
Development Agency



SATYAM STEEL & ALLOYS

Administrative Office

Unit No. A-1, 6th Floor, Amal Plaza, ABC, G.S. Road, Guwahati - 781005
Phone No - 0361 2466124/126

To,
The Secretary,
Bureau of Energy Efficiency
4th Floor, Sewa Bhawan,
R. K. Puram Sector-1
New Delhi-110066

Sub: Submission Of Willingness Form to Implementation of Energy Efficiency Measures/Projects(s)

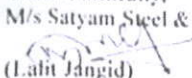
Sir,

The undersigned express our willingness avail a bank financing/loan for the Implementation of Energy saving measures in our unit .Details of company /industry are as follows:-

Name of the Company	M/s Satyam Steel & Alloys.
Type of industry/Sector	TMT & Billet/Ingot Manufacturing Industry
Name of Authorized Representative	Lalit Jangid
Telephone/Mobile Number of Authorized Representative	9101115098
Email ID of Authorized Representative	Satyambnd14@gmail.com
Nature of project (please tick)	<input type="checkbox"/> Procurement of Energy Efficiency appliances/equipment/technologies <input type="checkbox"/> Replacement of old energy intensive Appliances with EE appliances <input checked="" type="checkbox"/> Others, please specify:-

Details of Nodal Officer authorized company/industry for this willingness form:-

Name	Designation	Email ID	Mobile No.
Lalit Jangid	Accounts Manager	Satyambnd14@gmail.com	9101115098

Thanking You
Yours Faithfully,
M/s Satyam Steel & Alloys

(Lalit Jangid)
Authorized Signatory

Factory : NH 52 Bandardewa Dist Papumpare (Arunachal Pradesh) Tel : 0360-2266180 / 2266978

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Arunachal Pradesh Energy
Development Agency



SATYAM ISPAT (NORTH-EAST) LTD.

(An ISO 9001 : 2000 Certified Company)

CIN: U27310AR2005PLC007711

Regd. Of. 141/52, Dist. Papumpara, Bandorbeewa - 791123, Arunachal Pradesh
Website: www.satyamispac.com Email: info@satyamispac.com Tel: 0360-2266180/2266978



To,
The Secretary,
Bureau of Energy Efficiency
4th Floor, Sewa Bhawan,
R K Puram Sector-1
New Delhi-110066

Sub: Submission Of Willingness Form to Implementation of Energy Efficiency Measures/Projects(s)

Sir,


The undersigned express our willingness avail a bank financing/loan for the Implementation of Energy saving measures in our unit .Details of company /industry are as follows:-

Name of the Company	M/s Satyam Ispat (North-East) Ltd.
Type of industry/Sector	TMT & Billet/Ingot Manufacturing Industry
Name of Authorized Representative	Lalit Jangid
Telephone/Mobile Number of Authorized Representative	9101115098
Email ID of Authorized Representative	Satyambnd14@gmail.com
Nature of project (please tick)	<input type="checkbox"/> Procurement of Energy Efficiency appliances/equipment/technologies <input type="checkbox"/> Replacement of old energy intensive Appliances with EE appliances <input checked="" type="checkbox"/> Others, please specify:-

Details of Nodal Officer authorized company/industry for this willingness form:-

Name	Designation	Email ID	Mobile No.
Lalit Jangid	Accounts Manager	Satyambnd14@gmail.com	9101115098

Thanking You
Yours Faithfully,
M/s Satyam Ispat (North-East) Ltd.


(Lalit Jangid)
Authorized Signatory

IS-1786



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Adm Off : Unit No. A-1, 6th Floor, Anil Para ABC, G.S. Road, Guwahati-781 005. Phone No 0361-2466124/126

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Arunachal Pradesh Energy
Development Agency



+91 81198-63074



techi.tarum.tara@gmail.com



Upper Taraso, Papum pare,
Arunachal Pradesh

Willingness To Seek Financing to Implement Energy Efficiency Measures/Project(S)

To,

Date: 31/10/2022

The Secretary
Bureau of Energy Efficiency
4th Floor, Sewa Bhawan
R. K Puram, Sector-1.
New Delhi-110066

Subject: Submission of Willingness Form to Implementation of Energy Efficiency Measures/Project(s).

Sir,

The undersigned express our willingness to avail a bank financing/loan for the implementation of energy saving measures in our Oil Expelling Unit. Details of company/industry are as follows: -

Name of Company	KYM ENTERPRISE
Type of Industry/Sector	Manufacturing
Name of Authorized Representative	Techi Tarum Tara
Telephone/Mobile Number of Authorized Representative	8119863074
Email ID of Authorized Representative	techi.tarum.tara@gmail.com
Nature of Project	<ul style="list-style-type: none">○ Procurement of Energy Efficiency appliances/equipment/technology○ Replacement of old energy intensive appliances with EE appliances○ Others, please specify: Transformer with VFD.

Details of Nodal Officer authorized company/industry for this willingness form:-

Name	Designation	Email ID	Mobile Number
Techi Tarum Tara	Proprietor	techi.tarum.tara@gmail.com	8119863074

Thanking You!

Name: Techi Tarum Tara
Designation: Proprietor
Name of Company/Establishment: KYM Enterprise
Phone Number: 8119863074
Address : Upper Taraso, Papum pare AP-791123

Yours Faithfully

Techi Tarum Tara

Proprietor
M/s KYM Enterprise

Proprietor
M/s KYM Enterprise



Arunachal Pradesh Energy
Development Agency

DURA BRIK
AUTOCLAVE AERATED CONCRETE

NABAM LITE BRICKS UDYOG LLP

To,

Dated:-27/10/2022

The Secretary
Bureau of Energy Efficiency
4TH Floor, Sewa Bhawan,
New Delhi-110066

Sub:- Submission of willingness From to Implementation of Energy Efficiency Measures/Project(s)

Sir,

The undersigned express our willingness to avail a bank financing/loan for the implementation of energy saving measures in our unit. Details of company/industry are as follows:-

Name of the Company	NABAM LITE BRICKS UDYOG LLP
Type of industry/sector	MSME/AAC BLOCK FACTORY
Name of authorized Representative	NABAM TAKAR
Telephone/Mobile Number of Authorized Representative	9910303427
Email ID of Authorized Representative	takar.nabam0910@gmail.com
Nature of Project	Manufacturing unit

Details of Nodal Officer authorized company/industry for this willingness form:-

Name	Designation	Email ID	Mobile No.
NABAM TAKAR	Managing Director	takar.nabam0910@gmail.com	9910303427

Thanking You

Yours faithfully

(NABAM TAKAR)
MANAGING DIRECTOR

Name :- NABAM TAKAR
Designation:- Managing Director
Name of Company NABAM LITE BRICKS UDYOG LLP
Phone Number:- 9910303427
Address:- Hollong, Arunachal Pradesh
Seal:

- Creation of Awareness to Stakeholders on different financing schemes, EE products/services, mode of implementation of EE projects.
- Conference created a common platform of Financial Institutions, Industries for implementation of EE projects and their finance requirements.
- The conference also created awareness among stakeholders to come up with different EE projects implementation using EE financing platform of BEE.



The Bankable Projects identified by the MSME industries, the details of which are given below:

Sl.No.	Name of Industries	Loan Requirement (Rs .in Lakh)	Project detail
1	Siang Tea&Industry Pvt Ltd.	25	Installation of Bio mass Gasifier for electric appliance
		20	Technological up gradation with coal gasification, modification of the existing DG set to dual fuel mode and preheating of atmospheric air
		15	Technological up gradation with automatic air flow variation in withering system
		10	Installation of fiber reinforced plastic(FRP) based withering fan
		10	Installation of energy efficient modulating burner in Tea dryers
		20	Installation of automation and control system for withering troughs
	Total		100



Arunachal Pradesh Energy
Development Agency

Vote of thanks:

Vote of thanks was given by Er. TarkinTayem, JE (BEE) APEDA who thanked all the guests for their valuable speech, presentations, clarifications on the doubts raised by the stakeholders. He specially thanked all the participants across the state for attending the program, theFIs, the representatives MSME units &hotels for the active participation in the Investment Bazaar Conference.