



**INDIAN COUNCIL OF AGRICULTURAL RESEARCH  
KRISHI BHAWAN: NEW DELHI**

**F. No. GAC-21-32/2015-CDN**

**Dated the 27<sup>th</sup> August, 2015**

*1<sup>st</sup> Sept,*

**ENDORSEMENT**

Ministry of New and Renewable Energy, Government of India, New Delhi has issued D.O. regarding Installation of Grid connected solar rooftop systems/projects on roofs belonging to various Central Govt. Ministries/Departments or to any of their Organizations/PSUs/Institutions, buildings of State Governments/State PSUs, State level institutions etc. The D.O. No. 03/09/2014-15/GCRT dated 10.8.2015 has been uploaded on the ICAR web-site [www.icar.org.in](http://www.icar.org.in) and e-office for information & compliance.

**(M.S. Barwa)**

**Under Secretary (CDN and R&D)**

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1. All Directors/Project Directors of all ICAR Institutes/National Research Centres/ Project Coordinators/Coordinated Research Projects/Zonal Project Coordinators/ Bureaux .
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3. Shri Hans Raj, ISO, (DKMA) KAB-I for uploading in the ICAR web-site.
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**भारतीय कृषि अनुसंधान परिषद**  
**INDIAN COUNCIL OF AGRICULTURAL RESEARCH**  
**कृषि भवन, डॉ० राजेन्द्र प्रसाद मार्ग, नई दिल्ली-110 001**  
**Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi 110 001**



फा. सं. जीएसी-21-32/2015-सम0

दिनांक 22 अगस्त, 2015

**पृष्ठांकन**

1 सितम्बर

नवीन एवं नवीकरणीय ऊर्जा मंत्रालय, भारत सरकार, नई दिल्ली ने विभिन्न मंत्रालयों/ विभागों या उनके संगठनों/ पीएसयू/ संस्थाओं, राज्य सरकारों/राज्य पीएसयू, राज्य स्तरीय संस्थाओं आदि से संबंधित भवनों की छतों पर ग्रिड संबद्ध सौर छतोंपर प्रणालियों/परियोजनाओं को संस्थापित करने के संबंध में एक अर्द्ध शासकीय पत्र जारी किया है। दिनांक 10.8.2.15 के पत्र संख्या 03/09/2014-15/जीसीआरटी को सूचना और अनुपालन हेतु भाकृअप की वेबसाइट [www.icar.org.in](http://www.icar.org.in) और e-office पर अपलोड कराया गया है।

सुब्रह्मा

(एम.एस. बारवा)

अवर सचिव (सम0 एवं आर एंड डी)

**वितरण :**

1. भाकृअप के सभी संस्थानों/ राष्ट्रीय अनुसंधान केन्द्र/ परियोजना समन्वयक/ समन्वित अनुसंधान परियोजनाएं/ क्षेत्रीय परियोजना समन्वयक/ ब्यूरो के सभी निदेशक/परियोजना निदेशक।
2. महानिदेशक, भाकृअप के वरिष्ठ प्रधान निजी सचिव/सचिव, भाकृअप के प्रधान निजी सचिव/वित्त सलाहकार (डेयर) के प्रधान निजी सचिव।
3. श्री हंसराज, आईएसओ (डीकेएमए), कैब-I, को भाकृअप की वेबसाइट पर अपलोड करने हेतु।
4. भाकृअप, कृषि भवन/कैब-I एवं II/एनएससी के सभी अधिकारी/अनुभाग।
5. सचिव (कर्मचारी पक्ष), सीजेएससी, राष्ट्रीय मांस अनुसंधान केन्द्र, चेंगीचेर्ला, हैदराबाद-500039।
6. सचिव (कर्मचारी पक्ष), एचजेएससी, भाकृअप, कैब-II, पूसा, नई दिल्ली-110012
7. गार्ड फाइल/ अतिरिक्त प्रतियां।



सत्यमेव जयते

Tarun Kapoor, IAS  
Joint Secretary

भारत सरकार  
नवीन और नवीकरणीय ऊर्जा मंत्रालय  
GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY

D.O.No. 03/09/2014-15/GCRT

10<sup>th</sup> August, 2015

To,

All Central Government Ministries/Departments  
All Central Government PSUs/Institutions/Organizations  
All State Government Departments/PSUs/Institutions/Organizations  
All Educational Institutions/Schools/Colleges  
Principal Secretaries/Secretaries (Renewable Energy)  
Heads of All State Nodal Agencies  
All District Collectors/Deputy Commissioners

Sub: Installation of Grid connected solar rooftop systems/projects on roofs belonging to various Central Government Ministries/Departments or to any of their Organizations/ PSUs/ Institutions, buildings of State Governments/State PSUs, State level institutions etc.

Dear Sir/Madam,

Government of India has set a target for installation of 1,00,000 MW solar power plants by the year 2022 out of which 40,000 MW has to come from grid connected solar rooftop systems. The price of solar power has fallen drastically in the last 2-3 years and it is economical to generate power through grid connected solar rooftop for commercial/ Industrial /institutional/residential consumers in many States, where the tariff is more than Rs.7.0 per unit. Payback period is about 5-6 years and the life of the plant is 25 years.

2. About 10 sq.m area is required for 1.0 kWp solar rooftop systems. There is huge roof space available in Govt. buildings including offices, PSUs buildings and Institutions. Even if a part of this roof space is utilised for setting up rooftop solar power systems the thousands of MW of solar power can be generated besides saving money for the concerned Ministries/ Departments. Some Ministries & their PSUs have also a lot of spare lands available which can be used for solar power generation.

3. **Benefits** of solar rooftop systems include reduced electricity bill, generating green power and reduction in carbon footprints. Wide range of capacity sizes are available as this is modular in nature etc.. **Incentives** include 15% Government subsidy for selected categories, accelerated depreciation benefits for industrial and commercial buildings, bank loan at the interest rate of housing loan from Public Sector Banks, loan from IREDA at concessional interest rate for system aggregators, custom duty concessions, excise duty exemptions etc..

Contd...

सेवि (सेवर) एवं म.नि. (म.क.अनु.प.) को केवलम  
Secy. (DARE) & DG (ICAR)'s Office  
डावरी सं. / Dy. No. 717 R.  
दिनांक / Date 28/08/15

20/08/2015  
20/08/2015  
20/08/2015

4. Recently, Reserve Bank of India has included renewable energy projects under priority sector lending for which bank loans up to a limit of Rs. 15 crore to borrowers will be available for renewable energy projects including grid connected solar rooftop and ground mounted systems. For individual households, the loan limit is Rs. 10 lakh per borrower.

5. Department of Financial Services has advised all Public Sector Banks to provide loans for grid connected rooftop solar systems as home loan/ home improvement loan. So far, nine PSBs namely Bank of India, Syndicate Bank, State Bank of India, Dena Bank, Central Bank of India, Punjab National Bank, Allahabad Bank, Indian Bank and Indian Overseas Bank have given instructions to their branches.

6. State Electricity Regulatory Commissions of 19 States/UTs namely Andhra Pradesh, Chhattisgarh, Delhi, Haryana, Karnataka, Kerala, Odisha, Rajasthan, Tamil Nadu, Uttar Pradesh, Uttarakhand, West Bengal, Andaman & Nicobar, Chandigarh, Dadra & Nagar Haveli, Daman & Diu, Lakshadweep, Pondicherry and Goa have notified regulations for net metering/feed-in-tariff mechanism, so far and others are to follow suit.

7. The grid connected solar rooftop projects can be installed through the following organizations:

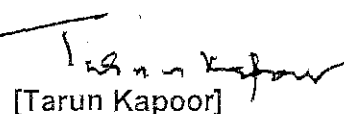
- i. Solar Energy Corporation of India (website [www.seci.gov.in](http://www.seci.gov.in) )
- ii. Empaneled Channel Partners (list available at MNRE website [www.mnre.gov.in](http://www.mnre.gov.in) )
- iii. State Nodal Agencies for respective States (<http://www.mnre.gov.in/related-links/> )
- iv. Few CPSU's/Government Agencies are working in this area and can be approached for advice and installation of systems (**Annexure**)
- v. Government Departments can also directly avail subsidy from MNRE.

8. You may indicate your requirement, online on MNRE website ([www.mnre.gov.in](http://www.mnre.gov.in) ) through a '**Installation Interest Form**' duly filled up by you. A Solar Rooftop Financial Calculator is also available on this website for your own assessment. Kindly visit MNRE website for further details on grid connected solar rooftop systems. Your request will be forwarded to respective agencies.

9. You are requested to take appropriate actions to install the grid connected solar rooftop systems in available roof space in the buildings and let your buildings to produce clean and green power.

*With regards,*

Yours Sincerely,

  
[Tarun Kapoor]

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**Annexure**

**List of CPSU's/Government Agencies empanelled by MNRE for installation of Grid Connected Solar Rooftop Systems**

Sl. No.	Name of the Company	Contact Details
1.	Rajasthan Electronics & Instruments Limited	Deepak Gupta DGM (RE) (M): 07727011714 Email: <a href="mailto:deepak.gupta@reil.co.in">deepak.gupta@reil.co.in</a> Tel: 0141-2470363, 271, 784 (Electronics) Tel: 0141-2470908 (RE) Fax: 0141-2470139 Email: <a href="mailto:reilip@sancharnet.in">reilip@sancharnet.in</a> 2, Kanakpura Industrial Area, Sirsi Road, Jaipur – 302012 – Rajasthan- India
2.	India SME Technology Services Limited (ISTSL)	Rajiv Kumar CEO Tel: 011-28525534 Fax: 011-28525535 Email: <a href="mailto:istsl@techsmall.com">istsl@techsmall.com</a> DFC Building, Plot No. 37-38, D-Block, Pankha Road, Industrial Area, Janak Puri, New Delhi- 110058, India
3.	Kerala State Electronics Development Corporation Ltd. (KELTRON)	Ms. R. Grace Jenilet CGM (Head – Power Electronics Group) Tel: 0472-2888720, 999, 282 Fax: 0472-2888736 Email: <a href="mailto:keltronpeg@gmail.com">keltronpeg@gmail.com</a> Power Electronics Group, Keltron Equipment's Complex, Karakulam- 695564, Thiruvananthapuram, Kerala
4.	Gujarat Industries Power company Ltd.	S. N. Purohit Additional General Manager (O&M) Tel: 0265-2230185, 2232768, 2232213 Fax: 0265-2231236 Email: <a href="mailto:snpurohit@gipcl.com">snpurohit@gipcl.com</a> P.O. Petrochemical, Dist. – Varodara - 391346, Gujrat- INDIA .
5.	Centre for Development of Imaging Technology (C-DIT)	Dr. Babu Gopalakrishnan Director Tel: (Direct): 0471-2380908 Tel: 0471-2380910, 2382137, 2383506 Fax: 0471-2478222 Email: <a href="mailto:greentech.cdit@gmail.com">greentech.cdit@gmail.com</a> , <a href="mailto:cdit@cdit.org">cdit@cdit.org</a> Chitranjali Hills, Thiruvallom PO, Thiruvananthapuram, Kerla – 695027

6.	Central Electronics Limited (A Govt. of India Enterprise)	Anupam Tyagi Chief Manager (SPV-M) Tel: 0120-2895151 Fax: 0120-2895147-148 Email: <a href="mailto:spvesports@celsolar.com">spvesports@celsolar.com</a> , <a href="mailto:cel@celsolar.com">cel@celsolar.com</a> 4, Industrial Area, Sahibabad- 201010
7.	UP Industrial Co-operative Association Ltd. UP Govt.	Rajendra Singh, PCS Managing Director Telefax: 0512-2218894 Email: <a href="mailto:upicahh@yahoo.in">upicahh@yahoo.in</a> Upika Bhawan, 117/418- B Sarodaya Nagar, Kanpur- 208005, Uttar Pradesh
8.	Bharat Electronics Limited	Narendra Kumar K Sr. DGM (Mktg/Comps) Tel: 080-22195539/ 5662 Fax: 080-28382322 Email: <a href="mailto:narendrakumark@bel.co.in">narendrakumark@bel.co.in</a> Jalahalli Post, Bangalore-560013
9.	PEC Limited	Manish K. Baniwal General Manager Tel: 011-23314727 (M): 09650294349 Email: <a href="mailto:baniwal@peclimited.com">baniwal@peclimited.com</a> " Hansalaya", 15 Barakhamba Road, New Delhi- 110001