

प्रेषक,  
विशेष सचिव,  
नियोजन विभाग,  
उत्तर प्रदेश शासन,  
द्वितीय तल, योजना भवन,  
लखनऊ।

सेवा में,  
श्री एस0आर0 मीना,  
वैज्ञानिक-सी,  
नवीन एवं नवीकरणीय ऊर्जा मंत्रालय,  
भारत सरकार,  
ब्लाक-14, सी0जी0ओ0 काम्पलेक्स,  
लोधी रोड, नई दिल्ली-110003

नियोजन अनुभाग-1

लखनऊ : दिनांक: 26 फरवरी, 2016

विषय:- बायो फ्यूल विकास कार्यक्रम के समबन्ध में।

महोदय,

कृपया उपरोक्त संबंध में अपने पत्रांक एफ0नं0-107/1/2016-बी0एफ0 दिनांक 18.02.2016 का सन्दर्भ ग्रहण करने का कष्ट करें।

उक्त क्रम में मंत्रालय द्वारा प्रेषित प्रारूप पर वांछित सूचनायें संलग्न कर प्रेषित है।

प्रदेश में "राज्य जैव ऊर्जा नीति-2014" के प्रभावी क्रियान्वयन हेतु पूर्व में स्थापित बायो इनर्जी मिशन सेल को सृद्ध करते हुए उसके स्थान पर नियोजन विभाग के अन्तर्गत स्वशासी "उ0प्र0 राज्य जैव ऊर्जा विकास बोर्ड" का गठन किया जा चुका है तथा नीति के क्रियान्वयन हेतु कार्यक्रमों से जुड़े संबंधित विभागों द्वारा शासनादेश भी निर्गत किये जा चुके हैं। संबंधित विवरण आपके सुलभ सन्दर्भ हेतु संलग्न कर प्रेषित है।

उक्त बोर्ड, मुख्य सचिव, उत्तर प्रदेश शासन की अध्यक्षता में गठित है जो प्रमुख सचिव, नियोजन विभाग, उत्तर प्रदेश शासन के पर्यवेक्षण में कार्य करेगा। कार्यक्रम यथा स्थिति बोर्ड की सहमति/अनुमोदन से बोर्ड के सदस्य संयोजक द्वारा क्रियान्वित किये जायेंगे। अतः भविष्य में समस्त पत्र व्यवहार निम्न पते पर ही करने का कष्ट करें:-

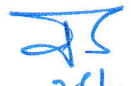
- 1- प्रमुख सचिव,  
नियोजन विभाग,  
उत्तर प्रदेश शासन/  
सचिव, उ0प्र0 राज्य जैव ऊर्जा विकास बोर्ड,  
कक्ष सं0 209-210, द्वितीय तल,  
योजना भवन, लखनऊ-226001

अथवा

2— सदस्य संयोजक,  
उ०प्र० राज्य जैव ऊर्जा विकास बोर्ड,  
नियोजन विभाग,  
कक्ष संख्या-534, पॉचवां तल,  
योजना भवन, लखनऊ-226001  
मो०- 9415004917  
email: ps\_ojha@yahoo.com

दिनांक 29 फरवरी, 2016 को आयोजित उक्त बैठक में राज्य समन्वयक, बायो इनर्जी मिशन सेल/सदस्य संयोजक, उ०प्र० राज्य जैव ऊर्जा विकास बोर्ड भाग लेंगे।


संलग्नक: यथोक्त।

भवदीय,  
  
( जे०बी० सिंह )  
विशेष सचिव।

Ministry of New and Renewable Energy  
(Bio-fuels Division)

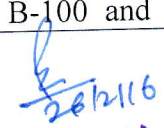
Proforma : Status of Biofuel Development in States

Sl. No.	Particulars	Details
1.	Name of the State	UTTAR PRADESH
2.	Policy decisions for promotion of Bio-fuels in the State	<p>1- "Rajya Jaiv Urja Niti-2014" and related GOs are attached</p> <p>In this policy, we are simultaneously working on Mission Bio-diesel, Mission Bio-ethanol, Mission Bio-gas and Mission Producer gas.</p> <p>2- Notification on U.P.STATE BIO-ENERGY DEVELOPMENT BOARD is attached</p>
3-	Production technology used and capacity of production plants	Continuous Trans-esterification technology is used. Our policy facilitates the Bio-energy sector programmes in entrepreneurial mode and facilitate private/public sector to establish their own units. As a result of our painstaking efforts, one unit with 05 MTPD capacity is functional at Muzaffarnar. Other units are likely to be established at Kanpur and Fatehpr. In our policy, we have allowed to use various type of non edibles oils, animal fats, used oils etc.
4-	Quantity of produced bio-fuels produced( Year wise production data)	After launching of U.P.STATE BIO-ENERGY DEVELOPMENT BOARD, we are now in the process of establishing the on-line monitoring system to acknowledge day to day development of Bio-fuels i.e. all the above four components of the Bio-energy.
5-	Feed stock source and it's availability	<p>1- Bio-diesel feed stock : Seeds of Neem, Mahua, Karanja, Jatropha already planted. Further plantation of such plants are also going on under MNREGA convergence.</p> <p>2- Bio-ethanol: Presently, molasses is used but we are propogating other feed stocks like sugar beets, kasava, Sweet sorghum, waste fruits etc.</p>

  
 26/2/16  
 राज्य समन्वयक / सदस्य संयोजक  
 उ०प्र० राज्य जैव ऊर्जा विकास बोर्ड  
 विभाग, उ०प्र०



		<p>3- Bio-gas: All type of Bio-degradable bio-mass is used to run <b>BEMC</b> model of bio-gas. This model has been adopted as best practices in Rural Sanitation by MDWS, GOI and MDWS supports it's family size model under the head of Solid and Liquid waste Management. It's commercial model is being promoted under credi-liked back-ended subsidy scheme of KVIC/UPKVIB. Under this programme, we have a target to facilitate green fuel to every rural house hold by 2020 with the help of this model. This effort facilitates the GOI pioneer programme of Sanitation, organic farming and energy security to village level micro-enterprise.</p> <p>4- Producer gas: All type waste woody bio-mass is used to produce producer gas as green fuel. To support this programme, we are propagating the Bio-mass cultivation programme as well as safe and scientific disposal agriculture wastes. Now, we are also working on URJA GRAM YOJNA in entrepreneurial mode.</p> <p><b>Note: All the bio-energy plantation work are being executed under MNREGA convergence so targeted results are not being achieved. So, suitable budgetary arrangements should be made by GOI to support this new and highly emerging sector.</b></p>
6-	Issues related to utilization, marketing and taxation of Bio-fuels	<p>Retail sale of B-100 should be allowed so that single cylinder diesel engines/pumping sets may be run on it and directly replace petroleum diesel. In U.P., there are about 6.50 Million pumping sets, which are being used as major source of farm irrigation.</p> <p>In Uttar Pradesh, B-100, the machine used in production of B-100 and the machine</p>

  
 राज्य समन्वयक/सदस्य संयोजक  
 उ०प्र० राज्य जैव ऊर्जा विकास बोर्ड  
 नियोजन विभाग, उ०प्र०

		using B-100 are 100 percent exempted from VAT for next 10 years i.e. 2014.
7-	R&D activities, if any	Now, we are planning for Bio-diesel, Bio-ethanol and Producer gas. In Bio-gas, we have preliminary facilities and it would be strengthened in near future.
8-	Achievements in bio-fuel sector since last 05 years	<p>1- We are working on "Agro-waste to energ programme" under Rural Sanitation Campaign. As a result of our earlier efforts Department of Panchayati Raj , U.P. has adopted it and they have started it in the whole State.</p> <p>2- Bio-diesel production by one unit in Muzaffar nagar has been started and two more units are in process of development at Kanpur and Fatehpur.</p> <p>3- Bio-ethanol unit from 2nd generation cellulose is in the process of development while distilleries in U.P. are already producing Bio-ethanol from Molasses. We are planning to add additional sugarcane after fulfilling the demand of sugar in the State. Such efforts shall make the sugarcane growers as well as sugar mill owners in safer side.</p> <p>4- Producer gas based units are already working in the State. They are based on waste woody biomass and are working in so many MSME sector units to feed the regular supply of electricity. Now, we are planning to establish "URJA GRAM YOJNA" based on it. We are also working high calorific value biomass cultivation on marginal/waste land to feed the raw materials for such units.</p>
9-	Future plans and strategies of the State for Bio-fuels development.	It is based on our Policy and we have to achieve the target by 2020.
10.	Budget allocation for bio-fuels	For FY 2016-17, Govt. of U.P. allocated Rs. 1.50 Cr.
11.	Details of plantation of Tree born oil (TBO) seed bearing plants under taken in the State	Such data is being collected with the help of Forest Department and likely to be submitted latter on .
12-	Name of the Public/Private sector/ Corporate/ Company involved in Bio-diesel sector in the State.	<p>1- M/S Green Bio-diesels, Muzaafarnagar (Working Unit)</p> <p>2- M/S Kisan Bio-diesel, Fatehpur ( In the</p>



		<p>process of development)</p> <p>4- M/S Mayur Vanaspati Limited, Kanpur (In the process of development)</p> <p>M/S P.B.E. Pvt. Limited, Ahmedabad (In the process of development)</p> <p>5- M/S Solar energy Development Cooperative Society Limited, Lucknow (In the process of development)</p> <p>6- M/S Vayu grid marketplace services private limited, Bangaluru (In the process of development).</p> <p>Some other proposals are in the process of correspondence.</p>
13-	Details of assistance required from Central Govt. for bio-fuels	<p>1- Financial incentive (CSS) for plantation of TBOs. At present is linked with MNREGA convergence so the TBO plantation is suffering and we are lagging far behind the target.</p> <p>2- Financial assistance for credit linked back ended incentive for the entrepreneurs working for the development of such units. At present, we have linked with MSME sector assistance available in PMEGY/MMSY. But, it has again a problem to achieve the targeted results as there so many other schemes are also being run under it.</p> <p>3- Facilitate green funds for the real promotion and development of this sector.</p> <p>4- Any other suitable support which may be fit for the promotion and development of this sector.</p>
14-	Suggestions and remarks	<p>1- Financial incentive (CSS) for plantation of TBOs. At present is linked with MNREGA convergence so the TBO plantation is suffering and we are lagging far behind the target.</p> <p>2- Financial assistance for credit linked back ended incentive for the entrepreneurs working for the development of such units. At present, we have linked with MSME sector assistance available in PMEGY/MMSY. But, it has again a problem to achieve the targeted results as there so many other schemes are also being run under it.</p>

		<p>3- Facilitate green funds for the real promotion and development of this sector.</p> <p>4- Any other suitable support which may be fit for the promotion and development of this sector.</p> <p>4- Any other suitable support which may be fit for the promotion and development of this sector</p> <p><b>Note:</b> 1- Ministry of environment, forest and climate change, GOI may be advised to think about revision and strengthening of Forest Conservation Act in favor of promoting the complete spectrum of Bio-energy and allow collecting the wild TBO cultivation in the forest area. It will facilitate seasonal employment to thousands of rural masses/ tribal.</p> <p>2- Ministry of Railways and Ministry of Surface transport may be advised to promote the TBO plantation adjoining to the railway tracks/ high ways. It will also create seasonal employment as well as track/highway safety and also bio-diesel. It will also check the encroachment of the Govt. land and the Journey will be really charming .</p>
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Dated: 26-2-2016

Name: P.S.Ojha

State Coordinator/ Member Convener  
U.P.State Bio-energy Development Board  
534, Vth floor, Yojna Bhawan, Lucknow-1

राज्य समन्वयक/सदस्य संयोजक  
उ०प्र० राज्य जैव ऊर्जा विकास बोर्ड  
नियोजन विभाग, उ०प्र०