Solar Power - Grid Connected Ground Mounted and Solar Rooftop and Metering Regulations - 2014

And

Solar Power Tariff

Joint Electricity Regulatory Commission (For the State of Goa & Union Territories)

Dec. 2014

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JOINT ELECTRICITY REGULATORY COMMISSION

(FOR THE STATE OF GOA AND UNION TERRITORIES) NOTIFICATION Gurgaon, the 17th December, 2014

No. JERC-19/2014

In exercise of powers conferred on it by Section 181 of the Electricity Act 2003 (36 of 2008) and all other powers enabling it in that behalf, the Joint Electricity Regulatory Commission for the State of Goa and Union Territories hereby makes the following regulations, laying down the Terms and Conditions for Grid-connected solar power generation regulations 2014 namely:-

Part- A.. Background

1 Objectives:

The Electrical utilities, Electricity Distribution Companies/ licensees and thus the Electricity Consumers under the jurisdiction of JERC are dependent on the supply of power mainly from National Thermal Power Corporation (NTPC) and other central generating stations. Such power received may fall short of the full requirement of the respective territory. The distribution licensee thus has to resort to buying the power on short term / long term from other sources. A regulatory framework for the development of Renewable Energy in these territories has been developed. This regulation covers Solar Power development. The Solar Power produced in the territory will help reduce the power deficit partially, and achieve sustainability. The broad objectives of these regulations are:

- a. To help India produce Green Power & get involved in Climate Control.
- b. To empower the electricity consumer to participate in the development of the Power Sector and to become a producer of electricity while remaining as a Consumer also i.e. be proactively involved in the development of the Power Sector and be a "Prosumer" (Producer + Consumer).
- c. To be a proud owner of the Electricity Generation Plant for its own use and shave off the Electricity units consumed at higher tariff by setting off the Solar Units so produced. Programming the use of Solar Power first, followed by the conventional power, Diesel Engine Power and then battery power or as the need be, to reduce electricity bill by the Consumer.
- d. To be a seller of Electricity to the extent of the excess Solar Power units after internal use, so produced to the Grid, and help distributed renewable energy generation and reducing Transmission and Distribution losses by becoming an integral part of the Grid.
- e. To enable third party sales of Solar Energy through the Grid.
- f. To use the Rooftop of a house/ factory / Ware house / Government building / Panchayat Bhavan / Community centre/ School/ dispensary / hospital / parking Shed or place / Group housing society/ market roof top or any such place or vacant space or waste land effectively for Solar Power Generation use.
- g. To be able to consume equivalent units of Solar Power produced one location and using at any other location within the same Union Territory / State by the Prosumer, or sale to a third party (as and when smart metering is made ready with hardware and necessary software within the Union Territory/ State).

- h. To help meet the distribution licensee to meet Renewable Purchase Obligations (RPOs), avoiding the need to buy Renewable Energy Certificates (RECs) which effectively is without inflow of electricity, and or at a higher price buying Solar Power from third parties inside or outside the state and paying for transmission charges & losses, thus making average pooled power purchase cost much higher to the disadvantage of the Consumers.
- i. To earn from the sale of Renewable Energy Certificates by selling the solar power to the distribution licensee, at a distribution licensee's average cost of Power Purchase, if any Consumer wishes so.
- j. To help Diesel abatement, help in environment / climate control and use cheaper Solar Power as against Diesel Power reducing Power Cost and negative impact on the environment.
- k. To promote the implementation of net-zero energy houses / buildings and facilities, whereby the energy consumed is equal to or less than the energy produced by the building.

2 Regulations Features

as detailed hereunder:

SI.	Particulars	as detailed hereunder:	Description
31.		Any parean / Any Elastriaits	
i.	Eligible Entities	body/ Company/ Governme Local Governments/Munic Individual's / factory owner Associations/ Market Asso	y consumer of the territory of JERC / Corporate and Body / Institution/ PSUs /State / Departments / Cipal Corporations/National Housing Board/er / Ware house owner / Resident Welfare ociations / Group Housing Society/ Panchyat orts / Vehicle Parking Sheds or any other similar
ii.	Control Period	For a period of three years be from the date of notifica Broad Parameters will rema reviewed every Financial ye	or till it is revised. The present control period will tion which shall continue till the same is revised. In unchanged till revision is affected. Tariff will be tar based on market Capital Cost Changes.
iii.	Nodal / State Accredited agency	Commission for each of the these regulations	nts, the Nodal agency is as notified by the eterritory under its jurisdiction and for RECs. Ref
iv.	Approval Agency	The Distribution Licensee of	f the area concerned
V.	Motivation / Sensitization of Consumer	By State Nodal agency / Dis	stribution Licensee.
vi.	Metering		cluding Roof Top being promoted, under Gross as opted by the Solar Power Generator.
vii.	Solar Power Generation Plant Targets	Up to the limit to meet t territories under the juri Lakshadweep as well Andar	he RPO requirements of the territories in the isdiction of the Commission. However, for man & Nicobar, there is no restriction as of now.
viii.	Financial Assistance		utions might get the financial Assistance from the Administration if announced by them
ix.	Subsidies		will help in guiding for the Subsidies from MNRE
X.	Connecting	1 kW to 10 kW Si	ingle Phase , 220 V
xi.	Voltage as per		nree Phase , 415 V
xii.	the System		6/11 KV or 22 KV as per availability on the Site
xiii.	capacity		IKV / 22 KV /33 KV as per availability on the Site
xiv.	Meter Specification		e meter will be arranged by the Solar power vendor of the Licensee. The meter shall be

SI.	Particulars	Description
	Grid	Solar Power fed into any Distribution Transformer shall be limited to 30% of
XV.	Penetration	the Transformer rating unless the Distribution Licensee is ready to receive more than this limit.
xvi.	Tariff	As per Annexure 'A'. Tariff is indicated with MNRE Subsidy / without subsidy
kvii.	RPO accounting	The Solar Power will be accounted for having achieved RPOs, if the Solar Power Generation is metered and self-consumed. This RPO credit will accrue to the Obligated entity in case the entity is obligated for the same and the Distribution Licensee in case Solar Power is generated by an non obligated entity.

Part- B.. Regulations

Chapter I. General

3 Regulations Brief, Short title, Commencement and Extent

In exercise of the powers conferred by Sub-Section (1) of Section 181 and Clauses (zd), (ze) and (zf) of Sub-Section (2) of Section 181, read with Sections 61, 62, 83 and 86 of the Electricity Act, 2003 and all other powers enabling it in this behalf, the Joint Electricity Regulatory Commission (for the State of Goa and Union Territories) notifies these Grid-connected solar power generation regulations 2014 to meet the above mentioned objectives.

a. These Regulations shall be called the "Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Grid Connected Solar Power Generation Regulations) - 2014".

This comprehensive document covers:

Part A: Background: that is previous part

Part B: Regulations Part: that is this part covering

- i. Solar Roof Top power generation, Ground mounted Solar Generation, Structure mounted
- ii. Rooftop Solar Grid Interactive systems

Metering

Net Metering &/ or Gross Metering as opted by the Solar Power Generator

- i. Energy accounting & Settlement
- ii. REC/RPOs

Financial Principles Solar Power Tariff determination- terms and conditions

Terms & Conditions for Determination of Tariff for Procurement of Power from Gridconnected Ground and Rooftop mounted Solar Projects;

Commission's Mandate.

Annexures in respect of the following:

- i. Tariff & Tariff Calculations Placed in Annexure A (for any revision only this part will be effected).
- ii. Meter Specifications etc.
- iii. Suggestive Power Purchase agreement for Solar Power (between the Solar Power Generator and the Distribution Licensee.

These Regulations shall come into force from the date the notification, and shall remain in force subject to amendments and revisions that the Commission may introduce from time to time. The Equipment Capital Cost, Cost of Capital, Statutory variations like Income tax, levies will be reviewed every year, otherwise the basic philosophy these regulations shall remain unchanged till 31 March 2017, unless the changes are felt necessary. Thereafter a control period of 3 (three years) be applicable, to make a stable regulatory regime for the Solar power generation.

Provided, that for all purposes including review matters pertaining to the period till coming in force of these regulations, the issues related to determination of solar tariff shall be governed by terms and principles adopted by the Commission for determination of project specific tariffs for the Solar PV plants, as applicable.

b. These Regulations shall apply to the State of Goa and the Union Territories of Andaman and Nicobar Islands, Chandigarh, Dadra & Nagar Haveli, Daman & Diu, Lakshadweep and Puducherry.

4 Definitions and Interpretations

- a. In these Regulations, unless the context otherwise requires:
- a.1. "Act" means the Electricity Act, 2003 (36 of 2003), and subsequent amendments thereof;
- a.2. "Auxiliary Energy Consumption", or "AUX" in relation to a period in case of a power generating station means the quantum of energy consumed by auxiliary equipment of the power generating station, and transformer losses within the generating station, expressed as a percentage of the sum of gross energy generated at the generator terminals of all the units of the generating station;
- a.3. "Authority" means the Central Electricity Authority referred to in sub-section (1) of Section 70 of the Act;
- a.4. "Agreement" means an agreement entered into by the Distribution licensee and the consumer;
- a.5. **"Billing cycle**" means the period for which regular electricity bills as specified by the Commission, are prepared for different categories of consumers by the licensee;
- a.6. "Capital Cost" means the capital cost as defined in these Regulations;
- a.7. "Capacity Utilisation Factor (or CUF in abbreviation)" means the annual average capacity utilization for generation of Solar power due to varying Solar Insolation due to weather conditions, geographical location or the cleanliness of the Solar Panels;
- a.8. "CERC" or "Central Commission" means the Central Electricity Regulatory Commission.
- a.9. "COD" or "Date of commercial operation" shall mean the date on which the generating plant is synchronised with the grid system;
- a.10. "Control Period" or "Review Period" means the period during which the norms for determination of tariff specified in these Regulations shall remain valid and are subject to review after the control period (except Capital Cost & Statutory Changes);
- a.11. "Check Meter" means a meter, which shall be connected to the same core of the current transformer (CT) and voltage transformer (VT) to which main meter or solar meter is connected and shall be used for accounting and billing of electricity in case of failure of main meter or solar meter;
- a.12. "Commission" or "Joint Electricity Regulatory Commission" or "JERC" means the Joint Electricity Regulatory Commission for the State of Goa and Union Territories of Andaman and Nicobar Islands, Chandigarh, Dadra & Nagar Haveli, Daman & Diu,

Puducherry and Lakshadweep referred to in sub-section (1) of Section 82 of the Act & constituted under the Act;

- a.13. "Consumer" means any person who sources electricity for his own use from the distribution licensee or the Government or any other person engaged in the business of supplying electricity to the public under the Act or any other law for the time being in force and includes any person whose premises are, for the time being, connected for the purpose of receiving electricity with the works of a Distribution Licensee, the Government or such other person, as the case may be;
- a.14. "Consumer Grievances Redressal Forum (CGRF in brief)" means the forum for redressal of grievance of Consumers, established under section 42(5) of the Act.
- a.15. **"Contracted Load"** or "Contract Demand" means the maximum demand in kW, kVA or BHP, agreed to be supplied by the Distribution Licensee and as agreed in the agreement executed between the licensee and the consumer;
- a.16. "Distribution Licensee" means a person granted a license under section 14 of the Act authorizing the person to operate and maintain a distribution system for supplying electricity to the consumers in the area of supply of Electricity;
- a.17. "Electricity Supply Code" means the Electricity Supply Code specified under section 50 of the Act and subsequent amendments thereof, based on which the Commission has issued its own Electricity Supply code;
- a.18. **"Eligible consumer"** means a consumer of electricity in the area of supply of the "Distribution licensee", who uses a rooftop solar system installed in the consumer premises, to offset part or all of the consumer's own electrical requirements, given that such systems can be self-owned or third party owned;
- a.19. "EPC" means Engineering Procurement & Construction Contractor;
- a.20. **"Existing Generating Station**" means a generating Solar PV Station, which has achieved COD prior to the coming into effect of these Regulations;
- a.21. "Gross Metering" means total solar power generated without accounting for self-consumption / use.
- a.22. "**Grid**" means the low voltage electrical network, the distribution and transmission network or the high voltage backbone system of inter-connected transmission lines, sub-stations and generating plants for sales of energy or wheeling of energy as defined in these Regulations;
- a.23. "Generation Tariff" means tariff for ex-bus supply of electricity from Solar PV generating station;
- a.24. "Installed Capacity" means the summation of the name plate capacities expressed in kWp of all the units of the generating station or the capacity of the project reckoned at the output terminals of the solar project approved by the Commission from time to time;

- a.25. "Interconnection Point" shall mean the interface point of a Solar Power Project with the distribution network of the Distribution Licensees at appropriate voltage level as defined in these regulations;
- a.26. "Invoice" means either a periodical Bill / Supplementary Bill or an Invoice/ Supplementary Invoice" raised by the Distribution Licensee;
- a.27. "kWp" means kilo Watt peak;
- a.28. "MMC" means Minimum Monthly Charge;
- a.29. "Month" means English calendar month starting with 1st day / date of the month ending with last day/ date of the month. Part Month will be applicable number of days in proportion to total number of days in the specific month;
- a.30. "MNRE" means the Ministry of New and Renewable Energy of Government of India;
- a.31. "Net metering" means an arrangement whereby a Solar Power system is connected electrical service connection of a Prosumer and whereby solar energy exported to the Grid is deducted (adjusted) in terms of units from energy imported from the Distribution Licensee during the applicable billing period, to account for the net imported / exported energy;
- a.32. "Obligated Entity" means the Distribution Licensee(s), Captive user(s) and Open Access Consumer(s), the entities identified under JERC -RPO Regulations and mandated under clause (e) of subsection (1) of Section 86 of the Act to fulfil the renewable purchase obligations as determined by the Commission from time to time;
- a.33. **"Ombudsman"** means the person appointed in accordance with Section 42 (6)read with Section 181 of the Act;
- a.34. "Open access consumer" means a consumer permitted by the Distribution Licensee / Commission to receive supply of electricity from a person, other than Distribution Licensee of his area of supply, and the expression(s) includes a generator and a licensee, who has availed of open access;
- a.35. "Operation and Maintenance Expenses" means the expenditure incurred on operation and maintenance of the project, or part thereof, and includes the expenditure on manpower, repairs, spares, consumables, insurance, and overheads;
- a.36. "Photovoltaic (PV in brief)" Solar Power generation through Solar Cells capable of producing a voltage, usually through photoemission, when exposed to radiant energy, especially light is Photovoltaic Process.
- a.37. "PPA" means Power purchase agreement- a long term agreement between the Presumer, Solar Project Generator or the Solar Power Developer as seller of Solar Power & the Distribution Licensee or the third party as the as buyer of the solar power;
- a.38. "**Project**" means a solar generating station including the evacuation system up to interconnection point;

- a.39. "**Project Developer**" shall mean the developer of the Solar PV project, who shall own such a project;
- a.40. "Prosumer" mean a Consumer who is simultaneously Producer of Solar Power;
- a.41. "Producer Solar Power" means an individual or an entity or a group intending to set up or has set up a Solar Power Project for the sole purpose sale of the power so produced.
- a.42. "Premises" means Rooftop of a house / factory/ Ware house / Government building/ Panchayat Bhavan / Community centre/ School/ dispensary / hospital / parking place / Group housing society/ Market Society / market roof top/ / Canals / Water Reservoir /any such place/ or vacant spaces and elevated areas on the land, building or the Infrastructure or part or combination thereof in respect of which a separate meter or metering arrangements have been made by the licensee for supply of electricity;
- a.43. "Renewable Energy Certificate (REC)" means the certificate issued in accordance with the procedures approved by the Central Electricity Regulatory Commission;
- a.44. "Renewable Energy Power Plant" means the power plant other than the conventional power plant generating grid quality electricity from renewable energy sources;
- a.45. "Renewable Energy Sources" means sources of power generation which does not use conventional fuel but uses renewable sources such as small hydro, wind, solar including its integration with combined cycle, biomass, bio fuel cogeneration, urban or municipal waste and other such sources as approved by MNRE;
- a.46. "Renewable Purchase Obligations (RPO)" means renewable power purchase obligations.
- a.47. "Rooftop Photovoltaic means a Rooftop PV and other small Solar PV generating station, installed on residential rooftops / factory/ Ware house / Government building/ Panchayat Bhavan / Community centre/ School/ dispensary / hospital / parking place / Group housing society/ Marketing Society / market roof top / Canals / Water Reservoir / any such place/ or vacant spaces part or combination thereof including commercial and non-commercial buildings of the Consumer or on Roofs taken on lease by Project Developer, but excludes the historic architecture, using a technology that uses sunlight for direct conversion into electricity through Photo Voltaic technology. The system includes the evacuation system up to inter-connection point / Inverter, as the case may be;
- a.48. "Salvage Value" means the estimated value of an asset at the end of its useful life;
- a.49. "Settlement period" means the period at the end of which solar net-metering settlement between the Distribution Licensee and the Prosumer takes place. Similarly between the Solar Power Generator and the Distribution Licensee as the case may be. The recommended Settlement Period starts on the first day of April and ends with the thirty first day of March of the following year;
- a.50. "Solar Energy Meter (Solar Meter in short)" means a main meter used for measuring the Gross solar power units generated by the solar power project for the purpose of accounting and billing;

- a.51. **"Solar Energy Tariff"** shall mean a solar energy purchase tariff fixed by the Commission under a Solar Energy Tariff Order;
- a.52. **"Solar Energy Tariff Order"** means an energy generation tariff order issued by the Commission giving the rates at which solar power needs to be purchased by the Distribution Licensee from Solar Prosumers and Solar Producers;
- a.53. "Solar Grid Inverter" means an equipment that converts the DC (direct current) power from Solar PV modules to Grid-compatible AC (alternating current) power;
- a.54. "Solar PV Power" means a solar photo voltaic power project that uses sunlight for direct conversion into electricity through Photo Voltaic technology based on technologies such as crystalline Silicon or thin film etc. as may be approved by MNRE.
- a.55. "**Solar Prosumer**" means a Prosumer who produces solar energy from a Prosumer Solar Power System as defined in these Regulations;
- a.56. **"Solar Producer"** means a person who produces solar energy from Producer Solar Power System as defined in these Regulations;
- a.57. "Solar Power Project Developer (SPD)" means a consumer or an entity whose Solar project has been approved by the Distribution Licensee on the basis of the generic tariff approved by the Commission.
- a.58. "Solar Power Generator (SPG)" means anyone who has started generating Solar power in the respective territory from an approved project.
- a.59. "Solar Power Premises" means rooftops, land and elevated structures on the land, buildings or the infrastructure or part or combination thereof in respect of which a separate meter or metering arrangements have been made by the licensee for supply of electricity;
- a.60. "Solar Power System" means a grid-connected solar generating station including the evacuation system up to the Grid inter-connection point;
- a.61. "Solar Power System Operator" means anyone who owns or operates a Solar Power System;
- a.62. "Solar Thermal Power" means the solar thermal power plant that uses sunlight for direct conversion into electricity through concentrated solar power technology based on either line focus or point focus principle and by converting solar insolation to convert water to steam for generating power from steam cycle turbine;
- a.63. "Solar Photo-Voltaic or Solar PV" means, a technology that uses sunlight for direct conversion into electricity
- a.64. "State Agency" means the agency in the concerned state or Union Territory as may be designated by the Commission to act as the agency for accreditation and recommending the renewable energy projects for registration and to undertake such functions as may be specified under clause (e) of sub-section (1) of Section 86 of the Act;

- a.65. "**Tariff Period**" means the period for which a tariff as determined by the Commission remains valid
- a.66. "Tariff Order" in respect of a licensee means the most recent retail tariff order issued by the Commission for that licensee indicating the rates to be charged by the licensee from various categories of consumers for supply of electrical energy and services;
- a.67. **"Third Party Owned**" means ownership in which a developer owns a Solar Power System that is installed on the roof or elevated structure or land for which a commercial lease or revenue share agreement with the owner has been entered into by the Solar Power Developer;
- a.68. "Useful Life" in relation to a unit of a solar photovoltaic/thermal power project shall mean a period from the date of commercial operation (COD) specified in the regulations, of such generation facility for which tariff has been determined;
- a.69. "Weighted Average Cost of Capital (WACC)" means the average of the costs of various sources of financing including debt and equity, each of which is weighted by its respective ratio in the total capital employed in the project;
- a.70. "Year" or "Financial Year" means a period commencing on 1st April of an English Calendar year and ending on 31st March of the subsequent calendar year;
- b. All other words and expressions used in these Regulations if not specifically defined herein above, but defined in the Act, shall have the meaning assigned to them in the Act. The other words and expressions used herein but not specifically defined in these Regulations or in the Act but defined under any law passed by the Parliament applicable to the electricity industry in the State or Union Territory shall have the meaning assigned to them in such law.

5 Scope of Regulations and Extent of Application

- a. In line with section 62 read with section 86 of the Act, these Regulations are applicable to the grid connected solar PV and solar thermal projects,
 - Provided that these Regulations shall apply subject to the fulfilment of eligibility criteria specified in these Regulations.
- b. Notwithstanding anything contained in these Regulations, the Commission shall adopt the tariff for a specific Distribution Licensee, if such tariff has been determined through a transparent process of bidding in accordance with the guidelines issued by the Central Government, as envisaged under Section 63 of the Act.
 - Provided that the tariff determined under the process of bidding is not higher than the generic tariff determined by the Commission for the State of Goa and the Union Territories.

6 Eligibility Criteria

Grid connected ground mounted Solar PV and / or Solar Thermal power projects of capacity equal to or more than 500 kWp, and Rooftop Solar PV of capacity equal to or more than 1 kWp but not more than 500 kWp at one location owned by one individual or entity or a house/factory / Ware house / Government building / Panchayat Bhavan / Community centre/ School/dispensary / hospital / parking Shed or place / Group housing society/ Resident welfare society/ market roof top or any such entity, based on the technologies approved by Ministry of New & Renewable Energy of Government of India are eligible for connecting the project with Grid under these regulations. The Roof top projects of ratings higher than 500 KWp can be considered if the distribution system stays stable by the distribution licensee.

- a. The eligible consumer may install the solar project under these Solar Power Generation Regulations, provided the Solar System is:
 - i. Within the permissible rated capacity as defined under these Regulations.
 - ii.Located in the consumer premises.
 - iii.Interconnected and operated safely in parallel with the Distribution Licensee network.
- b. These regulations do not preclude the right of relevant state authorities to undertake solar projects of any larger capacity through any alternative mechanisms also.
- c. Solar Power with Gross / Net metering facility will be implemented for the consumers of the Distribution licensees under the jurisdiction of the Commission at one location owned by one entity with / without battery back-up support. Consumers will generate solar power for self-consumption and can feed excess power into the grid to be adjusted as per provisions of these regulations or opt for Gross metering.
- d. All eligible consumers of electricity in the area of supply of the Distribution Licensee can participate in the solar power generation.
- e. Solar Project developer can alternatively opt for Gross Metering.
- f. The maximum Solar Power Generation System capacity to be installed at any eligible consumer premises shall be governed by the eligibility of interconnection with the grid for that eligible consumer;

Provided, that the installed capacity is aligned with the JERC Electricity Supply Code provisions for permitting consumer connections.

7 Third party owned Rooftop / Ground Mounted Solar Project

In the third party owned Solar Power Generation model,

i. A Rooftop or Land Owner may lease out / rent the Rooftop Space/ Land to a Solar Project Developer. Under this arrangement, the owner of the roof / land, engages a turnkey installer to design and install the system; or

The electricity generated from such a system is used to meet the Space Owner's internal electricity needs while the excess generation is fed into the grid on net metering basis or sold to the Distribution Company on gross metering basis at feed in tariff.

The arrangement between the two parties-the owner of the space and the Solar Project developer will be a mutual commercial arrangement between the two parties. It may include sharing Solar Power units such generated and fed to the grid after Metering or rent paid for roof and electricity fed to the grid at feed-in-tariff.

The billing will be with one of the two parties that is decided and informed to the Distribution Licensee as a party authorized to bill.

This model has the following benefits:-

- i. Benefits to rooftop / Land owner: The household / land owner avoids large upfront investment for the solar equipment or performance risk of solar systems. Net metering allows the rooftop owner to save on power consumed from the grid to the extent of solar generation. A part of savings in energy bill of power consumption is shared with the developer by way of lease rentals. The Power Generated can be on Gross Metering if the Owner of the premises opts for the same.
- ii. Benefits to developer: The leasing company generates revenues by way of lease rental from the rooftop / land owner under a contract. As it continues to be the owner of the equipment, it also qualifies for claiming depreciation on the capital cost of the Solar systems with associated direct tax benefits provided, the tariff accepted is with accelerated depreciation.

The Solar Power Units generated will be allowed Open access, as per JERC-9/2009 "Open Access in Transmission and Distribution Regulations, 2009" or as amended and in force, such third party owned system may normally result in an open access transaction with implications of wheeling charges and surcharge relating to cross subsidy. However, to encourage green energy, such Rooftop / Ground mounted Solar System installations set up under these regulations would be exempted from open access restrictions and associated charges.

8 Solar Power Generation Capacities

- a. The Distribution Licensee shall sealing the metering arrangement (Net or Gross as opted by the Consumer) to eligible consumers. The meters of approved quality will be arranged by the Consumer/ Solar Power generator)
- b. The Distribution Licensee similarly shall also facilitate the ground mounted Solar Project Development.

Provided that the cumulative solar capacity allowed at a particular distribution transformer shall not exceed the limit as specified in these regulations to these regulations as a percent of the peak capacity of the distribution transformer;

- Provided the total solar power generation capacity (in MW) in the respective territories does not exceed as indicated in these regulations. Capacities beyond the specified limits shall also be encouraged by the Commission once the Capacity targets required to meet the RPOs in the respective territories are achieved and the system is ready to take on extra Solar Power Transmission.
- c. The Distribution Licensee shall update distribution transformer level capacity available for connecting the Solar Systems on a yearly basis and shall provide the information on its website as well as to the Commission.

Chapter II. General Principles of Solar Power Projects

9 Control Period.

a. These Regulations shall come into force from the date of notification, and unless reviewed /revised earlier or extended by the Commission, shall remain in force for the Control period for the balance period of current FY 2014-15 to FY 2016-17.

The tariff fixation parameters may be reviewed for each financial year (called the Review Period), keeping in view the effect of market dynamics which include, but are not limited to:

- i. The ceiling limit in respect of the Capital cost and the interest rate and other benchmarked parameters for Solar Tariff determination.
- ii. The solar tariff determined under these Regulations, for grid connected Ground mounted and Rooftop Solar Power projects which are commissioned during the control period, shall continue to be applicable for the entire duration of the Power Purchase Agreement Period as specified in these Regulations.
- b. Notwithstanding anything contained in these Regulations, the benchmarked norms for Solar tariff determination in respect of grid connected ground and rooftop mounted Solar power projects set up prior to notification of these Regulations or where the project specific solar tariff was determined by the Commission shall be governed by the norms/benchmarks specified in these regulations as applicable to Solar Photo Voltaic Power Projects and Solar Thermal Power Projects, as amended from time to time or by the norms and principles adopted by the Commission for determination of project specific tariff for Solar PV projects, for the respective period of commissioning of such Solar PV Projects, which shall be considered as the ceiling limit in determining the Solar tariff for such Solar power projects. The provisions of the said Regulations, if have any bearing or impact on any previous solar tariff order may be considered for revision in tariff only after the approval of the Commission from the applicable date.

10 Tariff Period

- 1 The Tariff period for grid connected Solar Power Plants shall be twenty-five (25) years and shall be reckoned from the date of commercial operation of the solar power projects or date of signing the PPA whichever is later.
 - i. Provided a Power Purchase agreement (PPA) is signed between the Solar Project Developer and the Distribution Licensees mandated to buy the Solar Power;
 - ii. Provided, the full capacity of the Solar Project as approved, gets commissioned with the time lines specified by the Commission, after signing of the PPA. If only a part of Plant capacity is commissioned within the specified time, the solar tariff applicable will be for the part capacity that is commissioned. The Tariff for the balance part of un-commissioned project will be dealt on its commissioning as per the solar tariff applicable for that part, if there is a change announced in Solar Tariff by the Commission.
 - iii. Provided, that the Solar Power Project planned to be developed comes within the Commission's approved total Solar Capacity for respective distribution licensee.

11 Solar System Types

- 12.1. For the purpose of these Regulations, the Commission has covered the Solar Power Systems for Prosumer as well as Producer as under:
 - 12.1.1. The Prosumer or the Producer will be allowed a feed-in tariff as determined under these regulations. The Solar Power Generation facility will have a solar power export meter to be arranged by the Solar Power Generator from the approved vendor list of the Distribution Licensee for metering the solar power that is being fed to the Grid. The meter shall be installed by the Distribution Licensee.
 - 12.1.2. However, if any Consumer chooses to have a net metering the same shall also be allowed, and in that case the existing service connection meter shall be replaced with a bidirectional energy meter by the Distribution Licensee.
- 12.2. <u>Prosumer Solar Power Systems</u>: Solar Power Systems connected to a consumer electricity service connection wherein the following facilities and conditions apply:

The Solar Power System may be roof mounted, ground mounted or installed on Elevated structures;

12 Solar Power Metering:

The Prosumer or Producer Solar Power Projects shall arrange for themselves a meter to register the Solar Power produced and fed to the Grid for sale to the Discom and shall be billed accordingly, for making payments to the Solar Power Producer.

13 Net-metering

Solar Gross metering and net-metering option is permitted, if any one opts for the same for all various Solar Power generators with electrical service connections of the Distribution Licensee under all consumer electricity tariffs. This is applicable to all those who intend setting up the purpose to be self-dependent on Electricity supply thus generation of solar power for self-consumption, the export of surplus energy to the Grid and the import of the shortfall of energy from the Grid.

The Distribution Licensee shall allow the grid connected solar power generation to install Solar Power Systems in its area of supply on non-discriminatory and first come - first serve basis and within the times lines as provided in these Regulations. The proposals with MNRE subsidy will get higher preference.

At the end of each billing cycle, the Distribution Licensee will take readings of imported and exported energy as shown by the bidirectional service connection meter. The Prosumer will be presented a bill for the difference between imported and exported energy (the net-imported energy). If during a billing cycle exported energy exceeds imported energy, the export surplus will be carried over to the next billing cycle.

At the end of the Settlement Period on 30th Sept & 31st March, a final settlement energy bill shall be prepared by the Distribution Licensee. For final settlement at the end of a Settlement Period a maximum of 100% (one hundred percent) of the imported energy will be credited as exported energy for the purpose of net-metering.

Surplus energy exported to the Grid at the Solar Power Premises in excess of 100% (one hundred percent) of imported energy may be adjusted in another electricity service connection of the Prosumer within the State or Union Territory.

Excess energy exported to the grid (measured in kWh) may only be utilized to offset the consumption (measured in kWh) and may not be utilized for adjustment of any other fees or charges levied by the Distribution Licensee.

The Distribution Licensee in addition to energy billing shall be eligible to raise Invoices for any other charges as allowed by the Commission.

Electricity Duty, if applicable, shall be payable on the net energy imported from the grid.

Rules, regulations and terms of service applicable to Consumers of the Distribution Licensee for the applicable class or category of service connection including but not limited to the consumption tariff, payment terms, contracted load or demand, load surcharge, peak load restrictions and security deposit, shall also be applicable to an electrical service connection with a Prosumer Solar Power System.

If during a billing cycle a Prosumer imports power from the Distribution Licensee in excess of the MMC, MMC shall not be chargeable.

Prosumer or Producer Solar Power Systems shall be exempted from charges in respect of electricity banking, wheeling, line losses and cross subsidy to the extent of Energy produced.

14 Facilities for Producer Solar Power Systems

For Producer Solar Power Systems with sales of power to the Distribution Licensee the Commission will issue Solar Energy Tariff Orders each year before the end of financial year for a Control Period that commences in April of the following year and a Tariff Period as determined in the Solar Energy Tariff Order. This will ensure that Solar Producers can plan their projects on the basis of Solar Energy Tariffs that are known in advance.

The Solar Producer shall raise a bi-monthly bill for energy supplied to the Distribution Licensee, which shall be paid by the Distribution Licensee within 30 (thirty) days. Interest for payment delays shall apply. The monthly interest rate shall be 1.25% (one point two five percent). The date of delay will be counted beyond 30 days of bill submission with acknowledgement received from the Distribution licensee. The interest rates for delayed payment will be as decided by the Commission from time to time.

For Producer Solar Power Systems with sales of power to third parties, a Power Purchase Agreement shall be entered into between the Solar Producer and the purchaser of the power.

The Distribution Licensee shall permit unrestricted and uninterrupted evacuation of solar power through its distribution and transmission network.

The energy produced by a Producer Solar Power System may be wheeled to a service connection of the Solar Producer subject to conditions given hereunder:

- a) Location: The Producer Solar Power System and the service connection to which solar power is to be wheeled shall both be located within a single State or Union Territory.
- b) Wheeling charges: The wheeling of solar power shall be exempted from wheeling charges

- c) Banking: Solar energy generated by Producer Solar Power Systems can be banked by a carry-over of the energy produced to the next billing cycle with accounting and payment if required by the Solar Power Generator or at the end of a 6 months settlement period and max. 12 months banking but not beyond 31 March of the Financial Year. The banked energy can be drawn if Payment is not opted for by the SPG. There will be no banking charges for the banking of solar energy.
- d) Purchase of solar energy: If during a Settlement Period the generation of solar energy exceeds the energy that has been wheeled, the generated energy shall be paid for by the Distribution Licensee at the applicable Solar Tariff within 30 days of the bill raised by the Solar Power Generator (SPG) or at the end of the Settlement Period whichever is opted by the SPG.

To measure the export of solar energy to the Grid, a bidirectional energy meter will be installed (although this meter is intended to measure unidirectional flow of energy from the Solar Power System to the Grid, the meter is to be of the bidirectional type to detect unauthorized import of power from the Grid.

Producer Solar Power Systems shall be exempted from charges in respect of electricity banking, wheeling, line losses and cross subsidy.

15 Generic Tariff

The Generic Tariff for Solar Power Projects as per Annexure A of these Regulations will be applicable for Solar Power Projects (Solar PV / Solar Thermal). These also include Solar Roof Top installations.

Chapter III.Solar Power Importance & Despatch Priority

16 Despatch principles for electricity generated from Solar Power

- a. All grid-connected ground and rooftop / Structure mounted Solar PV plants shall be treated as 'MUST-RUN' power plants and shall not be subjected to 'merit order despatch' principles.
- b. The grid connected Solar PV plants of various capacities will be connected at Voltage levels indicated in these regulations. This shall be subjected to scheduling and despatch code as specified under Indian Electricity Grid Code (IEGC)-2010, as amended from time to time, except where specific provision has been made under the Joint Electricity Regulatory Commission (State Grid Code) Regulations, 2010, as amended from time to time.

Chapter IV.Renewable Power Obligations -Solar

17 Quantum of Purchase of Electricity from Solar Power

The quantum of purchase of power from solar power projects by the utilities to discharge mandatory obligations shall be as specified in the Joint Electricity Regulatory Commission for state of Goa & Union Territories (Procurement of Renewable energy) Regulations, 2010. The quantum is indicated in these regulations. Beyond the RPO limits specified, the Discom can go ahead with RPO purchase beyond it targets if such purchase does not adversely affect the average Power purchase cost. The Commission can be approached by the Distribution Licensee / SPG for Solar Power to examine its implications including its impact on consumer tariff before taking a view in the matter.

18 Solar Power Capacity Targets for Distribution Licensee

- a. Maximum cumulative capacity to be installed under these Guidelines shall be decided by the Commission on yearly basis. The shortfall in Solar Capacity installed in any year shall be carried forward to the next succeeding year provided that the cumulative capacity to be allowed at a particular distribution transformer shall not exceed the limits as specified in these regulations to these regulations of the rated capacity of the distribution transformer; on first-cum-first serve. However, the Consumer or the Project Developer will have to apply afresh in the next financial year, in case the earlier application could not be considered due to approved solar capacity constraints in the previous year.
- b. The Distribution Licensee shall update distribution transformer level capacity available for connecting rooftop solar systems under net metering arrangement on yearly basis and shall provide the information on its website as well as to the Commission and the respective State Agency.

19 Solar Renewable Purchase Obligations Applicability

The quantum of electricity purchased by the Distribution Licensee of the respective licence area under the Commission's jurisdiction shall get covered towards the Solar RPOs for the Solar Power purchased from any consumer who is either a Non-obligated or an obligated entity whether covered under Solar Rooftop with Net Metring / or gross metering. The Ground mounted Solar PV and Solar Thermal projects are also covered. The self-consumption of the Solar Power Generated will also be counted towards the RPOs of the Distribution licensee, if the Solar Power Generator is metered and such generation is certified by the nominated State Nodal Agency.

The Obligated entities including Open Access Consumers with load in excess of One (1) MW have to ensure compliance of their own RPOs. In case, the obligated entity is also a Solar Power Generator and selling Solar Power to the Distribution Licensee, only Solar Power Generator would qualify for Renewable Power Obligation compliance.

20 Certifying Authority- the State Nodal Agencies

- a.The Commission has appointed the following State Nodal Agencies who will certify the RPOs generated by the Obligated entities in the State or UT and who are supporting the Stake Holders in Electricity Distribution & Consumption in development of Renewable Agencies and associated matters are:
- The Member, Secretary
 Goa Energy Development Agency
 DST & E Building, 1st Floor Saligao Plateu
 Opp-Seminary Saligao, Bardez, Goa-433511
 Tel-0832-271194
- Dr. B.R. Ambedkar Institution of Technology, Dolly Gunj, Port Blair, Andaman & Nicobar Islands
- 3. The Director, Chandigarh Renewable Energy, Science & Technology Promotion society (CREST) (Under the Aegis of Department of Science & Technology, Chandigarh Administration),

1st Floor, Paryavaran Bhawan, Madhya Marg, Sector 19 B, Chandigarh 160 019 .

Tele: 0172-2703982

Mr Santosh Kumar IFS, 0172-2700284 ; Crestchandiagrh@gmail.com

 The Development & planning Office Administration of Dadra & Nagar Haveli, Silvassa Ph:0260-642070

The Principal Scientific Officer
 Department of Science & Technology, Moti Daman-396220

6. The Managing Director,

Lakshadweep Energy Development Agency (LEDA) UT of Lakshadweep, Kavaratti –PIN 682555 Phone:04896–262127,04896–262127,04896-262363 Fax: 91-4896–262936, E-Mail: lk-ktelect @ nic.in,

7. The Director, Project Director, REAP Renewable Energy Agency Puducherry Bunglow No.2, A.F.T premises Cuddalore Main Road, Mudaliarpet Puducherry, Pin-605004

Ph: 0413-2354339-2354319 Fax: 0413-2354339-2354319

E Mail-pdreap@dataone.in, pdrea@gmail.com

- b. The Consumers shall contact the State Agency of the respective area of jurisdiction for any guidance. However, the approval is by the Distribution Licensee.
- c. These state agencies shall also help the consumer in advising to set up the Solar Power Plants in the respective areas of their jurisdiction.

Chapter V.Technical Parameters

21 Technology

- a. Norms for Solar photovoltaic power projects under these Regulations shall be applicable for grid connected ground and rooftop mounted solar PV system that directly convert solar power into electricity and are based on technologies such as crystalline Silicon or thin film etc. as may be approved by MNRE.
- b. Norms for Solar thermal power under these Regulations shall be applicable for Concentrated solar power (CSP) technologies viz. line focusing or point focusing, as may be approved by MNRE.

22 Interconnection with the Grid through

These regulations apply only to the Grid Connected Solar Power Projects, whether Ground Mounted or Rooftop mounted. Investment and development for generation of Solar Power is encouraged by the Commission. However, the following conditions are to be adhered to

i. That a variation in the rated capacity of the system agreed between the Distribution Licensee and the Solar Project Developer shall remain within a range of five percent;

ii. System meets the technical requirements for grid interconnection with the network of the Distribution Licensee.

23 Technical and interconnection requirements

As furnished in these regulations, the Project developers shall adhere to the National & International Standards specified by MNRE as available at http://mnre.gov.in/file-manager/UserFiles/Scheme-Grid-Connected-Rooftop-&-small-solar-power-plants.pdf & CEA's Technical Standards for Connectivity of Distributed generation Resources) Regulation 2013.

24 Investment in the Grid Augmentation

The cost of any augmentation required after the interconnection point in the system of the Distribution Licensee shall be borne by the concerned Distribution Licensee

Provided that such capital expenditure, as may be approved by the Commission, shall be a pass through in the Aggregate Revenue Requirement of such Distribution Licensee.

25 Power Quality & Protection and Controls

The power quality & protection and controls shall conform to the standards specified in the CEA (Technical Standards for connectivity to the grid) Regulations, 2007 applicable to the distribution system as amended from time to time.

26 Communication Facilities

All grid connected solar PV power projects shall have electricity meters with features to record energy for 45 days data storage for injection into the grid through solar meter as provided under these Regulations. All projects with capacity of Ten (10) kWp and above shall have communication Port for exchanging real time information with the Distribution Licensee. For plant size of One (1) MWp and above the Communication will be with State Load Despatch Centre (SLDC) also in addition to the Distribution Licensee.

27 Installed Capacity- Defined

The maximum capacity of the Rooftop Solar System, as mentioned on AC side at the output of inverter based on rated inverter capacity, shall not be more than the limits as specified in in these regulations of the Sanctioned Connected Load /Contract Demand (in kVA converted to kW at normative Power Factor of 0.90) of the consumer and the minimum capacity shall not be less than 1kWp. Eligible Consumers should assess their Rooftop Solar System plant capacity based on the shadow-less clear Rooftop area / vacant space(s), actual annual energy consumption pattern and the capacity of Distribution transformer.

28 Connectivity, Safety Protection and the Solar Plant O&M

- a. The Solar Power Output feeder from the location of the installation / premises shall have all time access by the Distribution Licensee, for isolation in case of repair on Power distribution system.
- b. The solar plant shall comply with the relevant standards specified by the MNRE / Bureau of Indian Standards (BIS) and CEA. The responsibility of operation and maintenance of the Solar Photo Voltaic (SPV) Generator including all accessories and apparatus lies with the consumer. The design and installation of the rooftop SPV should be equipped with appropriately rated protective devices to sense any abnormality in the system and carry out automatic isolation of the SPV from the grid. The inverters used should meet the necessary quality requirements and should be certified for their quality by appropriate authority; the protection logics should be tested before commissioning of the plant.

- c. The automatic isolation or islanding protection of SPV should be ensured for, no grid supply and low or over voltage conditions and within the required response time. Adequate rated fuses and fast acting circuit breakers on input and output side of the inverters and disconnect/isolating switches to isolate DC and AC system for maintenance shall be provided. The consumer should provide for all internal safety and protective mechanism for earthing, surge, DC ground fault, transients etc.
- d. To prevent back feeding and possible accidents when maintenance works are carried out by Distribution Licensee personnel, Double pole/Triple pole with neutral isolating disconnect switches which can be locked by Distribution Licensee personnel should be provided. Responsibility of handling / maintaining such disconnect switches will be the responsibility of the Owner of the premises in whose territory this Switch is installed. This disconnecting switch is in addition to automatic sensing and isolating device on grid supply failure, and also is in addition to any other internal disconnect switches provided or needed to be provided keeping in view the safety of humans & any animals. In the event of LT/HT supply failure from the end of the Distribution Licensee, the consumer has to ensure that there will not be any Solar Power being fed to the LT/HT grid of Distribution Licensee. The consumer is solely responsible for any accident to human beings / animals whatsoever (fatal /non-fatal /departmental /non-departmental) that may occur due to back feeding from the SPV plant when the grid supply is off. Distribution Licensee reserves the right to disconnect the installation at any time in the event of damage to its grid, meter, etc. or to prevent accident or damage.
- e. The consumer shall abide by all the codes and regulations issued by the Commission to the extent applicable and in force from time to time. The consumer shall comply with JERC/Distribution Licensee /CEA requirements with respect to safe, secure and reliable function of the SPV plant and the grid. The power injected into the grid shall be of the required quality as per limits specified in these regulations or any other standards prescribed by CEA from time to time that are applicable at the time of Solar Project installation.
 - f. The consumer shall restrict the harmonic generation within the limit specified in the agreement or specified by the Central Electricity Authority as and when such regulation is issued.
 - g. The Solar Power Generator (SPG) (individual homes/commercial establishments and other entities defined under eligibility criteria) may establish grid interactive solar power plant in the Rooftop or elevated surface with the following options:
 - i. Grid interactive Solar System without battery.
 - ii. Grid interactive Solar System with battery backup.

However, in both the options, features as per these regulations shall be available so as to ensure islanding of the Solar system & prevent back feeding to Grid system of the Distribution Licensee.

The inverter standard shall be such that it should not allow Solar PV/battery power to extend to Distribution Licensee's grid on failure of Distribution Licensee's grid supply, irrespective of the connectivity options. The required inverter standards for three phase and single phase Solar PV are furnished in these regulations. The inverter should be a sine wave inverter. Harmonic standards shall be as per IEEE 519.

h. Solar Power systems will be allowed with in house auto synchronization /de-synchronization facility with distribution system of the licensee at generation voltage level. They will utilize the same service line for excess power injection into the Grid which is currently being used by the consumer for drawl of power from utility's grid and will operate in synchronization with Distribution licensee's system provided that such injection of power from the Rooftop solar system shall not be more than the limit of the total consumption from the licensee's supply by the consumer in a Settlement Period. However, specific approval of the licensee will be required in case the above said limit is required to go beyond the said limit, keeping in view the Capacity available in the Transformer where the Solar Power is to be grid fed, it will be decided by the Distribution Licensee to see the overall average cost of power purchase. It will be mandatory for the solar rooftop generator to provide an appropriate protection system on their incoming side/ consumer premises with the feature of "Islanding the Solar generator", so as to achieve isolation of consumer power-system from utility power-system during grid failure including protection from voltage / lightning surges. Islanding protection will be installed by the Solar Power Generator and the distribution licensee to ensure that it is effectively working including when operating on Batteries. The Power Conditioning Unit of the solar plant shall have features to filter out harmonics and other distortions before injecting the energy into the system of the Distribution Agency. The harmonics & inverter standards are as specified in these regulations.

29 Life of Plant and Machinery

The normative useful life of solar power projects (based on photovoltaic and thermal technologies) is as per the definition.

30 Capacity Utilization Factor (CUF)

The capacity utilization factor for estimation of electricity generation from grid connected ground and rooftop mounted Solar PV projects and the Solar Thermal Plants shall be as per Annexure A.

Chapter VI. Metering, Billing, Payment & Adjustment

31 Metering / Billing: General Principles

- a. The Distribution Licensee shall offer the provision of metering arrangement to the consumer, who intends to install grid connected Solar system, in its area of supply on "nondiscriminatory" and "first come first serve basis".
 - Provided that the Distribution Licensee shall offer the provision of net metering / gross metering to the consumer for the target capacity as specified under these Regulations;
 - ii. Provided further that the consumer is eligible to install the grid connected solar system of the rated capacity as specified under these Regulations;
 - iii. Provided also that the interconnection of such system with the grid is undertaken as specified under these Regulations till such time the competent authority notifies the technical standards for connectivity with the grid.

32 Energy Accounting and Settlement 32.1 Net Metering

- a. For each billing cycle, the licensee shall show the quantum of electricity injected into the Grid by the Prosumer, the electricity billed by Distribution Licensee and, Solar Power net billed for payment or adjustment in the Prosumer's Electricity bill for that billing cycle.
 - i. Provided, that in the event the electricity injected into the Grid exceeds than consumed during the billing cycle, such excess injected Solar Power units of electricity shall be carried forward to next billing cycle as electricity units credit and may be utilized to net electricity injected or consumed in future billing cycle;
 - ii. Provided further that in the event the electricity supplied by the Distribution Licensee during any billing cycle exceeds the electricity inducted into the Grid by the Prosumer of the Rooftop Solar system, the Distribution Licensee shall raise invoice for the net electricity consumption after taking into account any electricity credit balance remaining from previous billing cycle(s);
 - iii. Provided, in case the Prosumer is under the ambit of time of day tariff, as determined by the Commission from time to time, the electricity consumption in any time block (e.g., peak hours, off-peak hours, etc.) shall be first compensated with the electricity generation in the same time block. Any cumulated excess generation over consumption in any other time block in a billing cycle shall be accounted as if the excess generation occurred during the off-peak time block. (This will be operative when the Licensee is ready with the Metering hardware and the Software);
 - iv. Provided also that the excess electricity measured in kilo-watt hour may only be utilized to offset the consumption measured in kilo-watt hour and may not be utilized to compensate any other fee and charges imposed by the Distribution Licensee as per the instructions of the Commission;
 - v. Provided also that the Distribution Licensee in addition to consumer tariff shall be eligible to raise invoice for any other charges as allowed by the Commission;
 - vi. Provided also that at the beginning of each settlement period, cumulative carried over injected electricity will be reset to zero.
- b. The electricity generated by the Rooftop Solar system of the Prosumer shall not be more than the limit specified in these regulations, but the electricity planned to be supplied to the grid will be defined beforehand, of the electricity consumption by the Prosumer at the end of the settlement period.
- c. In case of any dispute in billing and settlement it would be settled by the consumer grievance redressal forum and if the issue still remains unresolved shall be settled by the Ombudsman and if still not settled then by the Commission following appropriate procedure.

32.2 Gross Metering

The accounting and settlement shall be on based on the billing cycle of the Consumer. However, the billing for entities who have no consumer connection, the billing will be on bimonthly billing.

33 Solar Power Banking mechanism and Billing

a. On commissioning of the solar system and at the end of each of the billing cycle, the Distribution Licensee will take energy meter readings for import / drawal and export/injection of power and work out the net energy flow quantum from the consumer to be treated as energy banked by the Consumer with the Distribution Licensee in the current billing cycle. In such scenario, the consumer will be issued Energy Account Statement along with the bill for charges like meter rentals, service charges etc., and banked energy will be carried forward for accounting in the next billing cycle or till the period Consumer intends it to be banked subject to the time limits specified in these regulations.

- b. The Energy Bill for import will be prepared as per the retail supply tariff as approved by the Commission for the category to which the consumer belongs. The energy banked with the Distribution Licensee from the Solar system shall be set-off against the energy imported from the Distribution Licensee's grid at the JERC's approved retail supply tariff applicable to the particular consumer category.
- c. At the end of the next and subsequent billing cycles and at the end of settlement period, the Distribution Licensee will take the energy meter reading and work out the net flow taking into consideration the energy so far banked and not yet settled if any. The procedure will be repeated at the end of every billing cycle. The settlement of net energy including any banked energy shall be done at the end of each settlement period based on consumption as per these regulations. At the beginning of each settlement period, cumulative carried over injected energy shall be reset to zero.
- d. All Rules and regulations including tariff will be governed by the orders of JERC and terms and conditions prescribed in Application & Agreement (A&A) form. An additional form/ MOU shall be signed between the licensee and seller of such Solar Power and shall include necessary terms and conditions of meter reading, meter-rent, billing, payment, payment security arrangements, rate of delayed payment surcharge etc. and will become the part of A&A Form.
- e. All the instructions, rules and regulations applicable to the consumers of the Distribution Licensee for the applicable class/category including but not limited to the Tariff rates, Payment Schedule, Late payment surcharge, connected load/ contract demand, Load Surcharge, peak load restrictions, Advance Consumption Deposit etc., shall also be applicable to the Rooftop Solar plant owner as a consumer of the Distribution Licensee. Electricity duty shall be levied as per the instructions of Government of India or State Government of Goa (as applicable for respective territories) amended from time to time of and any Electricity Duty applicable on the net power consumed from the grid.
- f. As long as the consumer having set-up the solar power plant consumes power from the Distribution Licensee and /or generated from solar plant or banked solar energy up to or more than the Monthly Minimum Charges (MMC) level in any billing cycle, MMC shall not be leviable.

34 Charges for Banking of Solar Power Charges & Cross Subsidy

The solar system, whether self-owned or third party owned installed on eligible entity, shall be exempted from charges in respect of electricity banking, wheeling charges and losses and cross subsidy for use of electricity with in the respective territories.

Provided, that Solar Power banking shall be defined as per the JERC Regulations if & when issued, depending on the Banking to be made permissible.

The Ground Mounted Solar Power plant set up for the purpose of Sale of Power, no banking is allowed. There will not be any cross subsidy payable for Sale of Power to the distribution licensee.

35 Eligibility to Participate under REC Mechanism

The issuance of Renewable Energy Certificates shall be as per the eligibility criteria specified under Central Electricity Regulatory Commission (Terms and Conditions for recognition and issuance of Renewable Energy Certificate for Renewable Energy Generation) Regulations, 2010 and as notified by JERC under: http://www.jercuts.gov.in/writereaddata/Files/rec8713.pdf and subsequent amendments thereof, If any;

36 Penalty or Compensation – Failure in Metering System

In case of failure of metering system, the provisions of penalty or compensation shall be as per the provisions of the standard of performance regulations for Distribution Licensee.

37 Billing for Solar Power and Payment

- a. Billing of the energy shall be carried out on the same billing cycle as is applicable to the Consumer. In case the project is by an entity which has no specific connection in , a bi-monthly basis.
- b. Solar project developer shall raise the bill to the Distribution Licensee as per the billing vcycle of the consumer .The billing cycle will be every two months for entities without any billing cycle so far fixed .
- c. The payments to the solar project generators in respect of the energy supplied shall be made by the Distribution Licensee within 30 Days from the bill submission date along with acknowledgement obtained from the licensee.

38 Rebate for early release of payment

- a. For payment of bills of the generating company or project developer through letter of credit or by cash / cheque within five working days of presentation of bills, a rebate of 2% shall be allowed.
- b. If payments of bills of the generating company or project developer are made through letter of credit or by cash/cheque beyond five working days of presentation of bills but within thirty days of presentation of bills, a rebate of One (1) % shall be allowed.

39 Late Payment Surcharge on Solar Power Bills

In case the payment of any bill is delayed beyond a period of 30 Days from the date of presentation of bill, a late payment surcharge of 1.25% (one and one quarter %) of billed amount per month calculated on a daily basis shall be levied by the generating company or project developer.

40 Procedure for Permission to set up a Grid Connected Solar Plant

The consumer intending to set up the system can get the solar Application-cum-Agreement form from the Distribution Licensee and shall submit the same to designated officer of the Distribution Licensee for grant of permission to set-up the plant. Such a form will be uploaded by the distribution licensee on their respective web site. After checking the feasibility, the applicant shall be issued Letter of Approval by the Distribution Licensee within Thirty (30) days of receipt of application. The consumer shall set up the plant and submit the work completion report along with Single Line Diagram of the synchronizing and protection arrangement issued by the plant supplier / EPC contractor that the plant has been installed as per approved standards and specifications within the time indicated in these regulations. After site verification, the Distribution

Licensee shall seal the Bi-directional energy meter(s) arranged and installed by the Solar Power Developer, within the time lines indicated in these regulations for submission of the report and plant will be treated as commissioned for net-metering commercial operations from that date. In case of delay the consumer shall have to get further extension from the Distribution Licensee. Such extension will be granted for a maximum period of 2 (two) months only and the approval granted will lapse automatically if the project is not setup even in the extended 2-months period. However, he/ she will be eligible to apply in the next financial year but his / her application will be kept at the bottom of the list of applicants and he/ she will be permitted to set-up the plant only if all the applicants above him/ her are selected and there is still capacity available for allotment.

For Solar Projects with gross metering also, the above time lines will be followed.

41 Application Fee for Setting up the Solar Plant

The applicant shall pay application fee of Rs. 50(Fifty) /kW along with the application to the Distribution Licensee.

42 Applicability of Renewable Energy Certificates and RPO

Net-metering injection is not eligible for REC. The quantum of electricity consumed by an eligible consumer, who is not defined as an obligated entity from the rooftop solar system under net-metering arrangement shall qualify as deemed Renewable Purchase Obligation (RPO) for the Distribution Licensee. In case the Consumer / Prosumer opts to claim REC for the Power Generated from the Solar Project, then the Electricity sold to the licensee will be at average cost of Procurement of Power as decided by the commission by the tariff order for each year. In addition, the Consumer shall also follow the guidelines on "Renewable Energy Certificates (REC) Accreditation Charges for issue of RECs for Renewal Energy Projects chargeable by State Agency" indicated under: http://www.jercuts.gov.in/writereaddata/Files/rec8713.pdf

Chapter VII. Financial Principles for computing Tariff

43 Tariff Structure

The tariff for grid connected ground mounted and rooftop mounted Solar Power Plants shall be a single-part tariff consisting of the following fixed cost components:

- a. Capital Cost of the Project;
- b. Interest on long-term loans;
- c. Depreciation;
- d. Return on Equity;
- e. Interest on Working Capital; and
- f. Operation and Maintenance (O&M) Expenses;

44 Levellised Tariff Design

1 The tariff shall be determined on the levellised basis for the tariff period; and, for the purpose of levellised tariff computation, discount factor equivalent to weighted average cost of capital (WACC) shall be considered.

Provided the Solar Project has been commissioned within the Control period during which the Power Purchase Agreement is signed allowing for Completion time as per these regulations even it goes beyond the specific year for which Solar Tariff is made applicable.

45 Capital Cost

- The capital cost for Solar Power Projects for working out the Tariff shall be inclusive of all capital works including plant and machinery, civil works, erection and commissioning, financing and interest during construction, other misc. expenses such as overheads, administrative cost etc. during construction, and evacuation infrastructure up to the interconnection point, if any.
- 2 The normative capital cost ceiling limit for setting up of rooftop solar photovoltaic power projects shall be determined based on the capital cost of various items specified hereunder:
 - i. Landed Cost of Modules
 - ii. Land Cost for Ground Mounted / Capitalised Rooftop Rental or lease for Rooftop
 - iii. Civil & General works
 - iv. Mounting Structures
 - v. Power Conditioning Unit (PCU / Inverter)
 - vi. Cables & Transformers (if applicable)
 - vii. Preliminary and Operative expenses, Interest during Construction etc.

Provided, the Capital Subsidy or grant made available for the Project from Govt. of India or State Govt. or any agency shall be adjusted for working out the Tariff. The Generic Tariff as per these regulations shall be applicable after adjusting for same in the Capital Cost.

- 3 The normative capital cost ceiling limit for setting up of grid connected ground mounted Solar Photo Voltaic Power projects and Solar Roof Tops shall be as per Annexure A for the financial year specified.
- 4 The normative capital cost for Solar Thermal Power projects shall be considered on project specific basis.

Provided that the normative capital cost for Solar power projects may be reviewed annually by the Commission.

46 Debt-Equity Ratio

For the purpose of determination of tariff, the following provisions shall apply:

- a. Debt Equity ratio of 70:30 shall be considered. However, if the equity actually deployed is less than Thirty (30)%, the actual equity shall be considered and if the equity actually deployed is more than Thirty (30)% of the capital cost, equity in excess of Thirty (30)% shall be treated as normative loan.
 - Provided that the equity invested and debt drawn in the foreign currency shall be designated in Indian Rupees on the date of each investment, using the selling rates notified by the Reserve Bank of India on the date of such investment
- b. The Commission shall take into consideration any capital grant or subsidy offered by the Central or State Government or any other agency, for the solar power projects while determining the tariff under these Regulations.

47 Interest and Financing Charges for Long Term Debt

i. Interest Rate for long term debt

- a. The loans arrived at in the manner indicated in the Annexure A of these Regulations shall be considered as gross normative loan(s) for calculation of interest on loan. The normative loan outstanding as on April 1st of every financial year shall be worked out by deducting the cumulative repayment up to March 31st of previous financial year from gross the normative loan.
- b. Notwithstanding any moratorium period availed by the generating company or project developer, the repayment of loan shall be considered from the first year of commercial operation of the project and shall be equal to the annual depreciation allowed.
- c. For the purpose of computation of tariff, the normative interest rate shall be considered as an average State Bank of India (SBI) Base rate prevalent during the first six months of the previous year plus 300 basis points.
- d. The Commission shall allow obligatory taxes on interest, commitment charges for getting loan, finance charges and any exchange rate difference arising from foreign currency borrowings, as finance cost.

48 Interest on Working Capital

- a. The working capital requirement with respect to Solar power projects shall be computed in accordance with the following:
 - i. Operation & Maintenance expenses for one month:
 - ii. Receivables equivalent to Two (2) months of energy charges for sale of electricity calculated on the normative Capacity Utilization Factor;
 - iii. Maintenance spares at the rate of 15% of operation and maintenance expenses;
- b. Interest on Working Capital shall be at an interest rate equivalent to an average State Bank of India Base Rate equivalent during the first six months of the previous year plus 350 basis points.

49 Return on Equity

- a. The base value for the equity shall be Thirty (30)% of the capital cost or actual equity (whichever is less) as determined under these Regulations.
- b. The normative return on equity shall be
 - i. Pre-tax return of 20% per annum for the first Ten (10) years
 - ii. Pre-tax return of 24% per annum from 11th year onwards

50 Operation and Maintenance Expenses

- a. Operation and Maintenance or O&M expenses shall comprise of repair and maintenance (R&M), establishment including employee expenses lease rental, if any, and administrative and general expenses including insurance.
- b. The normative O&M expenses for Solar Power projects shall be as indicated in Annexure A.
- c. Normative O & M expenses allowed during the first year of control period (i.e. FY 2014-15) under these Regulations shall be escalated at the rate of 5.72% per annum over the tariff period (i.e. from the 2nd year onwards).

51 Depreciation

- a. The value base for the purpose of depreciation shall be the capital cost of the asset determined by the Commission. The salvage value of the asset shall be considered as Ten (10)% and depreciation shall be allowed up to maximum of 90% of the capital cost of the asset.
- b. Depreciation per annum shall be based on 'Differential Depreciation Approach' over loan period and beyond the loan tenure over the useful life shall be computed based on 'Straight Line Method'. The depreciation rate for the first 12 years of the tariff period shall be 5.83% of the capital cost per annum and the remaining depreciation shall be spread over the remaining useful life of the project from the 13th year onwards.
- c. Depreciation shall be chargeable from the first year of commercial operation of the Project:

However, in case the commercial operation of the asset is for a part of the year, depreciation charged shall be on pro-rata basis.

52 Accelerated Depreciation

The Tariff for Solar PV Projects (Ground Mounted / Solar Roof Top) has been indicated in the Annexure A.

The Tariffs have been determined under the two scenario and varying Capital Subsidy if availed i.e.

- i. The Tariffs indicated are without availing the accelerated depreciation; and
- ii. The Tariffs if the accelerated depreciation is availed by the Project developer.
- iii. Tariff with Capital Subsidy and without Capital Subsidy

The applicable tariff will depend upon whether the Project developer is availing / intend to avail the benefit of accelerated depreciation as per the provisions of the Income Tax Act.

The Project developer claiming higher tariff (without Accelerated Depreciation Benefit) has to give an affidavit every year in the beginning of the financial year to the effect that the Project developer is not claiming / intends claiming the benefit of the accelerated depreciation from Income tax department. This affidavit is required to be submitted before the processing of 1st bill for sale of power or its adjustment towards the total electricity consumed.

53 Availing Subsidy

- a. The consumers interested in setting up of solar rooftop PV project can approach the State Agency for grant of applicable MNRE, Govt. of India grant as per the prevailing instructions/guidelines.
- b. The Solar PV plant will be eligible for the fiscal and other incentives as per New and Renewable Sources Energy (NRSE) Policy 2012 of Govt. of India

54 Impact of Subsidies or Incentives by Central/State Government

The Commission shall take into consideration any incentive or subsidy or benefit available from the Central or State Government or any other agency, including accelerated or higher depreciation benefit, if availed by the generating company, for the renewable energy power plants while determining the tariff under these Regulations:

- i. Provided that the following principles shall be considered for ascertaining income tax benefit on account of accelerated or higher depreciation, if availed, for the purpose of tariff determination:
 - i.1. Assessment of benefit shall be based on Capital Cost and accelerated or higher depreciation rate as per relevant provisions under the Income Tax Act;
 - i.2. Capitalization of grid connected ground and rooftop mounted solar power projects during second half of fiscal year;
 - i.3. Per unit benefit shall be derived on levellised basis at discount factor determined as per these Regulations:
- ii. Provided further that in case the Solar Power Generator or project developer is not claiming accelerated or higher depreciation benefit, the Power Purchase Agreement entered into with the generating company or project developer shall include an undertaking by the generating company or project developer that accelerated or higher depreciation benefit would not be availed for the project.
- iii. Provided further, that if accelerated or higher depreciation benefit has been claimed despite submission of the undertaking, the Distribution Licensee shall be entitled to recover the amount wrongly claimed along with penal charges @ 1.50 % per month on levellised tariff calculated on daily basis from the period of claiming accelerated depreciation from any bill that is next due or is pending for payment.
- iv. Provided further that the Generation Based Incentive/Tariff Subsidy, if allowed by the Central/State Government would be governed by the terms and conditions of such scheme

55 Sharing of CDM Benefits

- a. All risks, costs and efforts in development of such projects as CDM projects shall remain with the Project Developer / lead entity as the case may be, who is responsible for developing and registering these projects as CDM projects.
- b. The proceeds of the carbon credit from approved CDM Project shall be shared between the project developers and concerned Distribution Licensee in the following manner, namely
 - i. 100% of the gross proceeds on account of CDM benefit to be retained by the developer in first year after the date of commercial operation of the generating station.
 - ii. In the second year, the share of the project developer shall be 90%. 1/3rd of this share will be deployed by the project developer for promotion of Renewable Energy in a transparent manner and Commission kept informed of such promotion of RE. The balance shall be progressively decreased by Ten (10) % every year till the proceeds shall be shared in equal proportion by the project developer/generating company and the distribution company.

Provided, that the 2/3rd of benefits obtained by the Distribution Licensee shall be passed on to the consumers and balance 1/3rd be deployed for promotion of the Renewable Energy by the distribution company in a transparent manner and Commission kept informed of such promotion of RE.

56 Financial and Fiscal Calculations

For the purpose of levellised tariff computation, the discount factor equivalent to Post Tax weighted average cost of capital shall be considered. The generic tariff shall be determined on levellised basis for the Tariff Period.

i. Weighted average Return on Equity: (RoE for 1st 10 Years*10 Years + RoE for beyond 10 Years*(balance of useful life beyond 10 Years)) / Useful life years and the Formula applicable will be:

(Pretax ROE<= RoE % for 1-10 Years, Equity absolute amount *ROE on Equity for 1st 10 Years, Equity absolute amount * RoE for balance Useful life after 1st 10 years)

The Tariff will be adjusted for any other Rate of effective Income Tax applicable to the Solar Power Generator.

ii. **Discount factor for calculating Levellised Tariff:** ((Cost of Capital in % × 0.70 Long term loan Component × (1 – Corporate Income Tax %)) + (Weighted average Post Tax Return on Equity % × Equity %)).

57 Applicable Tariff

The Tariff applicable for each project at the time of signing the PPA shall be as approved by the Commission for each year.

- i. Provided the Power Purchase Agreement (PPA) is signed between the Solar Power Project Developer and the Distribution licensee in the Specific Year of the Control Period:
- ii. Provided the Solar Project comes within the time indicated in the these regulations;
- iii. Provided the Solar Project envisaged does not come in the duration specified above, the Tariff applicable for the project will be lesser of the two tariffs i.e. of the previous year when PPA was signed and the next year tariff during which the Project gets commissioned.

58 Power Bill Adjustment Rates for Solar Power fed into the Grid

The net metred Consumer bill in Solar Rooftop will get adjusted as per the Tariff of Solar Power Tariff decided in these Regulations. If a consumer is net exporter of Solar electricity, the Consumer will get the payment that is paid six monthly i.e. on 30th Sept & 31ST March of each year.

The Ground mounted net metered or gross metered Solar Plants the invoice raised by the solar Power Generator will be paid within 45 days. The rebate for payment through Letter of Credit, or early payment and penalty on delayed payments is as per these regulations.

59 Taxes and Duties

- a. The tariff determined under these Regulations shall be exclusive of taxes and duties as may be levied by the appropriate Government for sale of Solar Power, provided that the taxes and duties levied by the appropriate Government shall be allowed as pass through on actual basis.
- b. Capital Cost or O&M Costs are inclusive of Taxes and Duties including Service Tax etc. applicable on these components.

Chapter VIII. Commission's Mandate

60 Power to give directions

The Commission may from time to time issue such directions and orders as considered appropriate for the implementation of these Regulations

61 Power to relax

The Commission may by general or special order, for reasons to be recorded in writing, and after giving an opportunity of hearing to the parties likely to be affected may relax any of the provisions of these Regulations on its own motion or on an application made before it by an interested person.

62 Power to amend

The Commission may at any time add, vary, alter, suspend, modify, amend or repeal any of the provisions of these Regulations.

63 Deviation from provisions of these Regulations

The Commission may deviate from any of the provisions contained in these Regulations on a suomoto basis having regard to the circumstances of the case:

Provided that the reasons for such deviation shall be recorded in writing.

64 Power to remove difficulties

If any difficulty arises in giving effect to the provisions of these Regulations, the Commission may either suo-moto or on a petition, by generation or specific order, make such provisions not inconsistent with the provisions of the Act as may appear to be necessary after giving a reasonable opportunity to those likely to be affected by such order for removing the difficulty. Power to remove difficulties

65 Review of regulations

The Commission, at the end of every three years from the date of publishing these Regulations or even earlier if considered just, proper and desirable by it considering the circumstances then prevailing, shall undertake a comprehensive review of these Regulations with the objective of improvement in the principles, procedures and methodologies.

- हस्ताक्षरित -सुधीर कुमार चतुर्वेदी अध्यक्ष

दिनांक: 17 दिसंबर 2014

जगह : ग्डगाँव

प्रमाणित प्रतिलिपि

- हस्ताक्षरित -

(कीर्ति तिवारी)

मित

33

Annexures

Annex. A. Summary: Solar PV Tariff for JERC- Goa & UTs) territories

			Solar	Tariff for	Projects Con	nmissione	d during FY 2014-1	5								
			All Territo	ries of JEI	RC except		Lakshadweep and Andaman & Nicobar									
			Lakshadw	eep and	Andaman & N	licobar										
SI	Rating of	Capital Cost	Tariff with	nout	Tariff with S	ubsidy	Capital Cost	Tariff with	nout	Tariff with Subsidy						
	Plant	Rs. Lacs/ kW	Subsidy R	s./ KWh	Rs/ Kwh Cap	oital	Cost Rs. Lacs/	Subsidy R	s./ KWh	Rs./ Kwh Capital						
		(without			Subsidy is fr	om	kW (without			Subsidy is fro	om					
		Subsidy)			MNRE or St	ate/ UT	Subsidy)			MNRE or Sta	ite/ UT					
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			AD*	AD*	AD*	AD*		AD*	AD*	AD*	AD*					
Subsi	dy on MNRE Be	nchmark Price	-		15% Sul	bsidy	-	-								
1.1	1 kW & Up				8.24	7.80				7.64	7.24					
	to 500 kW				30% Sul	bsidy				70 % Sul	osidy					
1.2	Roof Top	82	9.43	8.91			92	10.42	9.84							
	/Ground				7.05	6.69				4.87	4.65					
	Mounted															
Subsi	dy on MNRE Be	nchmark Price	-		15% Sul	bsidy	-			35% Sub	osidy					
II.1	Roof Top/				7.55	7.15				6.95	6.59					
	Ground				30% Sul	bsidy				70 % Sul	osidy					
11.2	Mounted	75	8.73	8.26			85	9.72	9.19							
	Above 500				6.36	6.04				4.18	4.00					
	kW															

Notes:

- 1. In case of Competitive bidding for Solar Tariffs, the lowest acceptable competitive solar tariff will be applicable subject to the maximum of Generic Tariff indicated above. For subsidy % different from above, the Solar Tariff will be appropriately calculated on similar lines.
- 2. Generic Tariff Calculations are shown in following sheets
- 3. "With AD" means: The Projects availing the benefit of 'Accelerated Depreciation' under the Income Tax Act.
- 4. The Solar Thermal Tariff will be determined by the Commission on project specific basis.

Annex. A..1 Generic TARIFF CALCULATIONS: SOLAR PV Plant up to 500 kW- for JERC territories other than Lakshadweep and Andaman& Nicobar without any Capital Subsidy

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Californ Lab	Module Performance	%.	100%	100%	100%	100%	100%	100%	100%	100%	100%			100%	100%	100%	100%	300%	300%	100%	100%	100%	300%		100%	300%	
Perfection Lake	Net Generation	MUs	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58
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Interior (Local Local Lo	OSM	Lakh	12.30	13.00	13.75	14.53	15.37	16.24	17.17	18.16	19.19	20.29	71.45	72.68	23.98	25.35	76.80	28.33	29.95	31.66	33.48	35.39	37.42	35.56	41.82	44,21	46.76
Interior (Long Long	Depreciation	Lakh																				12.62					12.62
International Notage Lake		Lakh	69.92	63,84	57.77	51.69	45.61	39.54	33.46	27.38	21.31	15.28	9.16	3,08													
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Test Fixed Cost Lab 18	ROE	Lakh	49.20	49.20	49.20	49.20	49.20	49.20	49.20	49.20	49.20	49.20	59,08		59.04	59.04	59.D4	39.06	59.04	59.04	39.04	39.04	59.D4	59.04	39.04	39.04	39.04
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Departmentation of Accelerated Departmentation Pure Persistents Facility Class Facili	Year wise Tariff	Ri/KWh	11.65	11.30	10.96	10.61	10.28	9.94	9.61	9.28	8.96	8.61	8.96	8.64	6.25	6,34	6.44	6.54	6.65	6.26	5.88	7.01	7.15	7.29	7.44	7.60	1.11
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Cooling N 20,00% 4,00% 0,00%	Discount Factor Levelised Tarriff Determination of Accelerated Depre- Depreciation as per Company Law Particulars Booked Depreciation Booked Depreciation Depreciation as per Income Tax Lay	Rs/KWh continue Benefit Straight Line F Year -> % Lakh W Written Dov	9.43 If for Grid core Wethed ⊕ 5. 1 3.26% 41.30 we Value Me	0,904 meeted grou 28% 2 3,28% 43,10 thad @ 80%	0.816 and wounted 3 5.23% 43.30	0.718 Solar PV Pros 4 3.28% 41,30	0.067 ur Projecta \$ 5.28% 41.30	8 5.20% 43.30	7 3.28% 43,30	0.492 8 5,265 44,10	6.484 9 9.28% 43.40	3.481 30 3.28% 43.30	0.363 11 3.26% 43.30	0.128 12 5.26% 44,10	0.296 13 3.20% 43.30	3.268 3.26% 43.30	0.342 25 3.28% 43.30	0.218 26 5.26% 44,30	6.297 17 5.20% 43.30	3.176 3.6 3.60% 0.60%	19 0.00% 0.00%	9,145 20 0,00% 0,46	0.322 21 0.00% 0.00	22 0.00% 0.00	0.307 25 0.50% 9.60	0.097 24 0.00% 0.00	25 0,00% 0,00%
Accelerated Depreciation Labi: 56.00 131.20 26.24 5.25 1.65 0.21 0.04 0.03 0.06 0.06 0.06 0.06 0.06 0.06 0.06	Discount Factor Levelised Tarriff Determination of Accelerated Deput Depreciation as per Company Law Particulars Booked Depreciation Booked Depreciation Depreciation as per Income Tax Lay Opening	Rs/KWh estation Benefit Straight Une I Year -> % Lakh Written Do	9,43 If for Grid ser Wethod @ 5. 1 3,26% 41,30 wn Value Me 100,00%	0,904 mested grou 28% 2 3,28% 43,10 thod @ 90% 20,00%	0.816 and mounted 3 5.12% 43,30	6.718 Solie PV Pure 4 5.25% 41,30	0.667 or Projects 5 5.29% 43.30	8 5.20% 43.30	7 3.28% 43,30	0.492 8 5.26% 44,10	5.444 5.255 43.30	3.00% 3.20% 43.30	0.363 11 3.28% 43.30	9.328 12 5.28% 44,10	0.296 13 5.20% 43.30 0.00%	3.4 3.28% 43.30 0.00%	0.342 25 3.28% 43.30	0.218 16 5.26% 44.30	0.297 17 5.28% 43.10	3.50% 0.60% 0.60%	9.161 19 9.00% 0.00%	20 0.00% 0.00%	0.132 21 0.00% 0.00 0.00%	22 2.50% 0.60%	0.307 25 0.00% 9.60	34 0.00% 0.90 0.00%	25 0.00% 0.00%
Depreciation Browlife Lake S12.70 G7.90 -17.06 -36.05 -42.25 -43.29 -43.29 -43.29 -43.29 -43.29 -43.20 -43.30	Discount Factor Levelised Tariff Determination of Accelerated Depril Depreciation as per Company Law Particulars Booked Depreciation Booked Depreciation Depreciation as per Income Tax Lay Opening Allowed Doring the Year	Rs/KWh relation Benefit Straight Une F Year -> % Lakh Written Do %	9,43 If for Grid core Wethod @ S. 1 3,26% 43,30 wn Value Me 100,00% 80,00%	0.904 mested grou 28% 2 3.28% 43.30 thad @ 90% 20.00%	0.816 and mounted 3 5.25% 43.30 4.00%	0.718 Solar PV Pore 4 3.25% 41.10	0.667 Brojecta S 5.25% 41.10 0.16% 0.11%	8 5.20% 43.30 0.00%	7 3.28% 43.30 0.01%	8 3,26% 44,30 0,00% 0,00%	5.444 5.25% 43.30 0.00%	3.00% 43.30 5.00% 5.00%	0.363 11 3.28% 43.30 0.00%	1.328 3.26% 44.30 0.00% 0.00%	0.296 13 3.28% 43.30 0.00% 0.00%	3.4 3.28% 43.30 0.00%	0.242 55 5.25% 43.30 0.00%	9,218 36 5,26% 43,30 9,00% 0,00%	0.397 17 5.20% 43.10	18 0.00% 0.00% 0.00%	19 0.00% 0.00% 0.00%	9,145 28 0,00% 0,00% 0,00%	21 0.00% 0.00% 0.00%	22 2.00% 0.00 5.00%	23 0.00% 9.60 0.00%	34 3.00% 0.00% 0.00%	25 0.00% 0.00% 0.00%
Net Depreciation Benefit Lish 612.70 67.90 47.00 434.05 42.25 41.09 42.25 41.30 43.30	Discount Factor Levelised Tarriff Determination of Accelerated Depre- Depreciation as per Company Law Particulars. Booked Depreciation Booked Depreciation Depreciation as per Income Tax La Opening Allowed During the Year Closing	Rs/KWh Straight Line F Year -> % Lakh Written Do %	1.000 9.43 If for Grid core Method @ 5. 1 3.25% 41.30 Mr. Value Mr. 100.00% 80.00% 20.00%	0.904 tmested groups 28% 2 3.28% 43.10 43.10 20.00% 4.00%	0.816 and mounted 3 5.32% 43,30 4.00% 1.20% 0.80%	0.718 Soler PV Pros 4 5.22% 41.30 0.65% 0.64%	0.067 ser Projects \$ 5.23% 43.30 0.16% 0.11% 0.03%	8 5,20% 43,30 6,00% 0,00%	7 3.25% 43.30 0.01% 0.01%	8 5,25% 44,10 0,00% 0,00%	6.444 8 5.28% 43.30 0.00% 0.00%	38 3,38% 43,30 5,60% 0,60% 0,60%	0.363 11 3.28% 43.30 0.00% 0.00%	9.328 13 5.28% 43.30 0.00% 0.00%	0.296 13 5.285 43.30 0.00% 0.00%	3.25% 3.25% 43.30 0.00% 0.00%	0.342 15 3.25% 43.30 0.00% 0.00%	0,218 26 5,26% 44,30 5,00% 0,00%	9.197 17 5.285 41.30 0.00% 0.00%	18 0.00% 0.00% 0.00% 0.00%	0.161 19 0.00% 0.00% 0.00% 0.00%	28 0.00% 0.00% 0.00% 0.00%	0.122 21 0.00% 0.00% 0.00%	22 0.00% 0.00% 0.00% 0.00%	0.307 25 0.50% 0.40 0.00%	34 0.00% 0.00% 0.00% 0.00%	25 0.00% 0.00% 0.00%
Tax Besselft Lakh 128.47 38.42 38.42 -3.57 -7.97 48.55 -9.08 -9.07 -9.07 -9.07 -9.07 -14.72 -	Discount Factor Levelised Tariff Determination of Accelerated Depur Depreciation as per Company Law Particulars Booked Depreciation Booked Depreciation Depreciation as per Income Tax La Opening Allowed During the Year Closing Accelerated Depreciation	Rs/KWh Straight Line F Year -> % Lakh Written Do %	1.000 9.43 If for Grid core Method @ 5. 1 3.25% 41.30 Mr. Value Mr. 100.00% 80.00% 20.00%	0.904 tmested groups 28% 2 3.28% 43.10 43.10 20.00% 4.00%	0.816 and mounted 3 5.32% 43,30 4.00% 1.20% 0.80%	0.718 Soler PV Pros 4 5.22% 41.30 0.65% 0.64%	0.067 ser Projects \$ 5.23% 43.30 0.16% 0.11% 0.03%	8 5,20% 43,30 6,00% 0,00%	7 3.25% 43.30 0.01% 0.01%	8 5,25% 44,30 0,00% 0,00%	6.444 8 5.28% 43.30 0.00% 0.00%	38 3,38% 43,30 5,60% 0,60% 0,60%	0.363 11 3.28% 43.30 0.00% 0.00%	9.328 13 5.28% 43.30 0.00% 0.00%	0.296 13 5.285 43.30 0.00% 0.00%	3.25% 3.25% 43.30 0.00% 0.00%	0.342 15 3.25% 43.30 0.00% 0.00%	0,218 26 5,26% 44,30 5,00% 0,00%	9.197 17 5.285 41.30 0.00% 0.00%	18 0.00% 0.00% 0.00% 0.00%	0.161 19 0.00% 0.00% 0.00% 0.00%	28 0.00% 0.00% 0.00% 0.00%	0.122 21 0.00% 0.00% 0.00%	22 0.00% 0.00% 0.00% 0.00%	0.307 25 0.50% 0.40 0.00%	34 0.00% 0.00% 0.00% 0.00%	25 0.00% 0.00% 0.00%
Energy Generation Mus 0.79 1.58 1.58 1.58 1.58 1.58 1.58 1.58 1.58	Discount Factor Levellsed Tariff Determination of Accelerated Depre- Depreciation as per Company Law Particulars. Booked Depreciation Booked Depreciation Depreciation as per Income Tax Lav Opening Allowed During the Year Closing Accelerated Depreciation Depreciation boperciation	Re/KWh relation Benefit Straight time F Year -> % Lakh Written Do % Lakh Lakh	9.43 1 for Grid cor- worthed @ 5. 1 3.265 43.30 wor Value Mo 100.00% 80.00% 556.00	0.904 metted gross 28% 2.5.28% 43.10 thad @ 80% 20.00% 4.00% 4.00%	0.816 2 5.25% 43,30 4.00% 1.20% 0.30% 26,24	6.748 Solar PV Pore 4 3.22% 41.30 0.86% 0.04% 0.38% 5.25	0.067 ser Projects \$ 5.295 41.30 0.16% 0.16% 0.025 1.45	0 5.20% 41.30 0.00% 0.00% 0.01%	7 3.28% 43.30 0.03% 0.03% 0.00%	8 3,28% 44,30 0.00% 0.00% 0.00% 0.00%	0.444 9 5,28% 43,30 0.50% 0.50% 0.00%	3.401 39 3.38% 43.30 0.00% 0.00% 0.00%	0.363 11 3.28% 43.30 0.00% 0.00%	0.328 13 5.28% 43.10 0.00% 0.00% 0.00%	0.296 13 5.28% 42.30 0.00% 0.00%	3.28% 43.30 5.00% 0.00% 0.00%	0.342 55 5.28% 43.30 0.00% 0.00%	0.218 16 5.28% 43.30 5.00% 0.00% 0.00%	0.397 17 5.28% 43.30 0.80% 0.00% 0.00%	18 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	9.161 19 0.00% 0.00% 0.00% 0.00%	0.346 38 0.00% 0.00% 0.00% 0.00%	0.322 21 0.00% 0.00% 0.00% 0.00%	22 2.00% 0.00 5.00% 0.00%	0.307 23 0.50% 0.40 8.00% 6.00% 6.00%	34 0.00% 0.00% 0.00% 0.00% 0.00%	25 0.00% 0.60% 0.00% 0.00%
Tax Benefit Bu/KWh 36.29 1.17 0.23 0.51 0.56 0.57 0.52 0.58 0.58 0.59 0.59 0.50 0.50 0.50 0.50 0.50 0.50	Discount Factor Levelised Tarriff Determination of Accelerated Depre- Deproduction as per Company Law Particulars Booked Depreciation Booked Depreciation Depreciation as per Income Tax Lav Opening Altowed During the Year Closing Accelerated Depreciation Depreciation Bonefit Net Depreciation Benefit	Re/KWh colution Benefit Straight Une F Year -> Lakh Written Do % % Lakh Lakh Lakh	1.000 9,43 t for Grids on Method @ 5, 1 3,205 43,30 w Value Ma 100,00% 80,00% 85,00% 812,70	0,904 meeted gross 28% 2 3,26% 43,30 43,30 40,00% 10,00% 131,20 57,40	0.816 and mounted 3 3.28% 43.30 4.00% 1.20% 0.85% 26.24	0.748 Solar PV Pun 4 3.28% 41,30 0.86% 0.86% 0.38% 5.25	0.067 W Projects \$ 5.28% 43.40 0.15% 0.15% 0.23% 1.05	0 5.28% 43.30 0.03% 0.03% 0.21	7 3.25% 43.30 0.03% 0.00% 0.04	9.492 8 5.28% 48.30 0.00% 0.00% 0.00%	3 5,28% 43,30 0,00% 0,00% 0,00%	3.401 3.25% 43.30 0.00% 0.00% 0.00%	0.263 11 3.28% 43.30 0.00% 0.00% 0.00%	12 5.25% 48.10 9.00% 0.00% 0.00%	0.296 13 5.28% 43.30 0.00% 0.00% 0.00%	3.288 3.4 3.28% 43.30 5.00% 0.00% 0.00%	0.342 55 3.28% 43.30 0.00% 0.00% 0.00%	9,218 16 5,28% 43,30 9,00% 0,00% 0,00% 0,00%	0.297 5.28% 43.30 0.60% 0.00% 0.00%	18 0.07% 0.00% 0.00% 0.00% 0.00% 0.00%	9.361 19 9.00% 6.00% 6.00% 6.00% 6.00%	20 0.00% 0.00% 0.00% 0.00% 0.00%	0.332 21 0.00% 0.00% 0.00% 0.00% 0.00%	22 0.00% 0.00 0.00% 0.00% 0.00% 0.00%	9.307 25 9.00% 6.00% 6.00% 6.00% 6.00%	34 5.00% 6.00% 6.00% 6.00% 6.00%	25 0.00% 0.00% 0.00% 0.00%
Discount Factor Levelised Benefit Likh 7.72 Levelised Generation MU: 1.50 Levelised Generation MU: 0.52 Levelised Tariff with AD Rs/KWh 8.91 Tax Computation Nat Depreciation Benefit Lakh 512.70 87.90 -17.00 -18.03 -17.00 -18.03	Discount Factor Levelised Tarriff Determination of Accelerated Depring Particulars Booked Depreciation Booked Depreciation Depreciation as per former Tax Lax Opening Allowed During the Year Closing Accelerated Depreciation Depreciation Benefit Net Depreciation Benefit Tax Benefit	Rs/KWh relation Benefit Straight Une F Year -> % Lakh W. Written Dov % % Lakh Lakh Lakh Lakh	1.000 9.43 1 for Girld cor- worthod @ 5. 1 3.25% 43.30 von Value Me 100.00% 80.00% 656.00	0.956 mected gross 28% 2 3.26% 43.10 43.10 40.00% 10.00% 131.20 67.30	0.816 3 3.326 43.30 4.00% 3.20% 0.00% 26.24	0.718 50lar PV Prov 4 1.28% 41.30 0.88% 0.08% 5.26	0.067 or Projects \$ 5.275 43.40 0.16% 0.21% 0.035 1.65	6 5.295 41.30 0.035 0.035 0.21	7, 5,25% 43,30 0,00% 0,0	8 3,25% 44,10 0,00% 0,00% 0,01 -43,29 -9.07	0.444 9 5,28% 43,30 0.00% 0.00% 0.00% 0.00%	30 3.28% 43.30 0.00% 0.00% 0.00% 0.00%	0.263 11 3.28% 43.30 0.00% 0.00% 0.00%	9:328 12 5:28% 44:10 9:00% 0:00% 0:00% 0:00%	0.296 11 5.28% 44.10 0.00% 0.00% 0.00%	5.768 14 5.26% 43.30 5.60% 0.60% 0.00% 0.00%	9.242 15 5.28% 43.30 9.00% 0.00% 0.00% -43.30 -14.77	9,218 31 3,25% 43,30 0,00% 0,00% 0,00% 0,00%	0.297 17 5.28% 44.30 0.00% 0.00% 0.00%	18 0.00% 0.00% 0.00% 0.00% 0.00%	0.161 19 0.50% 6.50% 6.00% 6.00% 6.00%	20 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	21 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	8.119 22 0.00% 0.00 0.00% 0.00% 0.00%	9.107 23 9.00% 9.80 8.00% 6.00% 6.00% 6.00%	34 0.00% 0.00% 0.00% 0.00% 0.00%	25 0,00% 0,00% 0,00% 0,00% 0,00%
Levelised Benefit Lakh 7.72	Discount Factor Levelised Tariff Determination of Accelerated Depring Particulars Booked Depreciation Booked Depreciation Booked Depreciation Depreciation as per Income Tax Lar Opening Allowed During the Year Closing Accelerated Depreciation Depreciation Benefit Net Depreciation Benefit Tax Benefit Energy Generation	Rs/KWh colation Benefit Straight Line I Year -> Lakh Written Doy % % Lakh Lakh Lakh Lakh MUs	1.000 9.43 t for Grid cor worthod @ 5. 1 3.265 4 3.265 80.00% 80.00% 80.00% 80.00% 856.00 812.70 1.28.42 0.79	0.966 mediad grou 28% 2 5.26% 2 5.26% 20.00% 10.00% 4.00% 131.20 13.42 1.58	0.816 1 3.35% 43.10 4.00% 1.20% 2.02% -17.06 -2.57 1.58	0.718 Solar PV Pros 4 3.25% 41.30 0.60% 0.60% 0.25% 5.25 -34.05 -7.97 1.58	0.067 W Projects \$ 5.275 43.10 0.16% 0.11% 0.035 1.05	6 5.20% 41.00 0.03% 0.02% 0.23	7 3.25% 43.10 0.03% 0.04 -43.25 -9.07 1.38	8 5,25% 44,10 0.00% 0.00% 0.01 -43,29 -9.07 1.58	6.444 8 5.28% 43.30 0.00% 0.00% 0.00% 0.00% 1.58	3.401 3.20% 43.30 5.60% 0.00% 0.00% 0.00%	0.263 11 5.25% 43.30 0.00% 0.00% 0.00% -45.30 -18.73	9:128 12 5:28% 43:10 0:00% 0:00% 0:00% 1-14:73 1.58	0.296 13 5.20% 43.30 0.00% 0.00% 0.00% 14.72 1.58	5.768 34 5.26% 43.30 5.00% 0.00% 0.00% 0.00%	9.242 85 5.25% 43.30 0.00% 0.00% 0.00% 0.00%	5,218 36 5,26% 45,30 0,00% 0,00% 0,00% 143,30 147,77 1,38	0.297 17 5.28% 43.30 0.00% 0.00% 0.00% 1.00%	18 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	9.161 19 9.50% 9.90 9.00% 9.00% 9.00% 9.00%	0.146 28 0.00% 0.99 0.00% 0.00% 0.00% 0.00 0.00	0.332 21 0.00% 0.00% 0.00% 0.00% 0.00%	22 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	9.107 25 9.50% 9.60 6.00% 6.00% 6.00% 9.00 1.38	34 5.00% 9.99 0.00% 0.00% 0.00% 0.00 0.00 0.	25 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00
Levelised Generation MUs 1.50 Levelised Repetit Rs/KWh 0.52 Levelised Tariff with AD Rs/KWh 8.91 Tax Computation Not Depreciation Benefit Leachs 612.70 87.90 -17.06 -58.03 -42.25 -43.09 -43.25 -43.29 -43.29 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -0.00 0.00 0.00 0.00 0.00 0.00 0.00	Discount Factor Levelised Tarriff Determination of Accelerated Depres Deprodution as per Company Line Particulars Booked Depreciation Depreciation as per Income Tax La Opening Altowed During the Year Closing Accelerated Depreciation Depreciation Bonefit Net Depreciation Benefit Tax Benefit Energy Generation Tax Benefit	Rs/KWh colation Benefit Straight Line I Year -> Lakh Written Doy % % Lakh Lakh Lakh Lakh MUs	1.000 9.43 If for Girld core Method @ 5. 1. 3.285 43.30 43.30 100.00% 500.00% 500.00% 500.00% 612.70 128.42 0.79 36.29	0,964 mented gross 28% 2 3,28% 43,10 43,10 20,00% 4,00% 131,20 67,30 14,42 1,17	0.816 3 5.28% 43.40 4.00% 1.32% 0.30% 26.24 -17.98 -2.57 -2.57 -2.23	0.718 500at PV Press 4 1.28% 4130 0.60% 0.00% 5.25 -54.05 -7.97 1.55 -0.51	0.067 ser Projects \$ 5.28% 41.10 0.11% 0.03% 1.05 -0.223 -0.85 0.056	6.602 5.259 43.30 6.03% 6.03% 0.21 -43.29 9.63 6.57	7 5.25% 43.30 0.03% 0.00% 0.04 41.23 -9.07 1.38	8 5,28% 43,10 0,00% 0,00% 0,00% 0,00% 1,158 43,29	6.444 9.285 43.10 0.00% 0.00% 0.00% 0.00% 1.35 -9.07 1.35 -0.58	3.401 3.30% 43.30 5.00% 0.00% 0.00% 0.00% 1.30 -9.07 1.38 -9.58	9.263 11 3.28% 43.30 9.00% 9.00% 9.00% 9.00% 145.30 -14.73 1.38	5.326 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.30 1.38	0.296 13 5.20% 43.10 0.00% 0.00% 0.00% 0.00%	5.768 14 3.28% 43.30 5.60% 6.60% 6.60% 6.00 41.30 -14.73 1.58 -0.93	0.342 55 3.25% 43.30 0.00% 0.00% 0.00% 43.30 -14.70 1.58 -0.93	5,218 5,18% 43,10 0,00% 0,00% 0,00% 143,30 1-14,73 1,38 -0,93	0.197 17 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.10.72 1.58 -0.93	18 0.00% 0.0	0.161 19 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.146 20 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00%	0.332 31 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	22 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.307 25 0.50% 0.40 0.50% 0.50% 0.50% 0.50% 0.50% 0.50%	34 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 0,00% 0,00% 0,00% 0,00% 0,00% 0,00 0 0,00 0 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0 0,00 0,00 0 0,00 0 0,00 0 0,00 0 0,00 0 0,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Levelised Generation MUs 1.50 Levelised Repetit Rs/KWh 0.52 Levelised Tariff with AD Rs/KWh 8.91 Tax Computation Not Depreciation Benefit Leachs 612.70 87.90 -17.06 -58.03 -42.25 -43.09 -43.25 -43.29 -43.29 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -0.00 0.00 0.00 0.00 0.00 0.00 0.00	Discount Factor Levelised Tarriff Determination of Accelerated Depres Deprodution as per Company Line Particulars Booked Depreciation Depreciation as per Income Tax La Opening Altowed During the Year Closing Accelerated Depreciation Depreciation Bonefit Net Depreciation Benefit Tax Benefit Energy Generation Tax Benefit	Rs/KWh colation Benefit Straight Line I Year -> Lakh Written Doy % % Lakh Lakh Lakh Lakh MUs	1.000 9.43 If for Girld core Method @ 5. 1. 3.285 43.30 43.30 100.00% 500.00% 500.00% 500.00% 612.70 128.42 0.79 36.29	0,964 mented gross 28% 2 3,28% 43,10 43,10 20,00% 4,00% 131,20 67,30 14,42 1,17	0.816 3 5.28% 43.40 4.00% 1.32% 0.30% 26.24 -17.98 -2.57 -2.57 -2.23	0.718 500at PV Press 4 1.28% 4130 0.60% 0.00% 5.25 -54.05 -7.97 1.55 -0.51	0.067 ser Projects \$ 5.28% 41.10 0.11% 0.03% 1.05 -0.223 -0.85 0.056	6.602 5.259 43.30 6.03% 6.03% 0.21 -43.29 9.63 6.57	7 5.25% 43.30 0.03% 0.00% 0.04 41.23 -9.07 1.38	8 5,28% 43,10 0,00% 0,00% 0,00% 0,00% 1,158 43,29	6.444 9.285 43.10 0.00% 0.00% 0.00% 0.00% 1.35 -9.07 1.35 -0.58	3.401 3.30% 43.30 5.00% 0.00% 0.00% 0.00% 1.30 -9.07 1.38 -9.58	9.263 11 3.28% 43.30 9.00% 9.00% 9.00% 9.00% 145.30 -14.73 1.38	5.326 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.30 1.38	0.296 13 5.20% 43.10 0.00% 0.00% 0.00% 0.00%	5.768 14 3.28% 43.30 5.60% 6.60% 6.60% 6.00 41.30 -14.73 1.58 -0.93	0.342 55 3.25% 43.30 0.00% 0.00% 0.00% 43.30 -14.70 1.58 -0.93	5,218 5,18% 43,10 0,00% 0,00% 0,00% 143,30 1-14,73 1,38 -0,93	0.197 17 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.10.72 1.58 -0.93	18 0.00% 0.0	0.161 19 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.146 20 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00%	0.332 31 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	22 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.307 25 0.50% 0.40 0.50% 0.50% 0.50% 0.50% 0.50% 0.50%	34 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 0,00% 0,00% 0,00% 0,00% 0,00% 0,00 0 0,00 0 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0 0,00 0,00 0 0,00 0 0,00 0 0,00 0 0,00 0 0,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Levelised Tariff with AD Rs/KWh 8.91 Tax Computation Not Depreciation Benefit Lucius 612.70 87.90 -17.06 -58.03 -42.25 -43.09 -43.25 -41.29 -43.29 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -0.00 0.00 0.00 0.00 0.00 0.00 0.00	Discount Factor Levelised Tariff Determination of Accelerated Depre- Depreciation as per Company Law Particulars Booked Depreciation Booked Depreciation Depreciation as per Income Tax La Opening Allowed During the Year Cloning Accelerated Depreciation Depreciation Bonefit Net Depreciation Benefit Energy Generation Tax Benefit Discount Factor	Rs/KWh relation Benefit Straight time f Year -> % Lakh w. Written Dov % % % Lakh Lakh Lakh Lakh Mus. Rs/KWh	1.000 9.43 t for farid ser worthod @ 5. 1. 3.265 43.30 wor Value % 80.00% 80.00% 856.00 556.00 128.42 0.79 16.29	0,964 mented gross 28% 2 3,28% 43,10 43,10 20,00% 4,00% 131,20 67,30 14,42 1,17	0.816 3 5.28% 43.40 4.00% 1.32% 0.30% 26.24 -17.98 -2.57 -2.57 -2.23	0.718 500at PV Press 4 1.28% 4130 0.60% 0.00% 5.25 -54.05 -7.97 1.55 -0.51	0.067 ser Projects \$ 5.28% 41.10 0.11% 0.03% 1.05 -0.223 -0.85 0.056	6.602 5.259 43.30 6.03% 6.03% 0.21 -43.29 9.63 6.57	7 5.25% 43.30 0.03% 0.00% 0.04 41.23 -9.07 1.38	8 5,28% 43,10 0,00% 0,00% 0,00% 0,00% 1,158 43,29	6.444 9.285 43.10 0.00% 0.00% 0.00% 0.00% 1.35 -9.07 1.35 -0.58	3.401 3.30% 43.30 5.00% 0.00% 0.00% 0.00% 1.30 -9.07 1.38 -9.58	9.263 11 3.28% 43.30 9.00% 9.00% 9.00% 9.00% 145.30 -14.73 1.38	5.326 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.30 1.38	0.296 13 5.20% 43.10 0.00% 0.00% 0.00% 0.00%	5.768 14 3.28% 43.30 5.60% 6.60% 6.60% 6.00 41.30 -14.73 1.58 -0.93	0.342 55 3.25% 43.30 0.00% 0.00% 0.00% 43.30 -14.70 1.58 -0.93	5,218 5,18% 43,10 0,00% 0,00% 0,00% 143,30 1-14,73 1,38 -0,93	0.197 17 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.10.72 1.58 -0.93	18 0.00% 0.0	0.161 19 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.146 20 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00%	0.332 31 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	22 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.307 25 0.50% 0.40 0.50% 0.50% 0.50% 0.50% 0.50% 0.50%	34 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 0,00% 0,00% 0,00% 0,00% 0,00% 0,00 0 0,00 0 0,00 0 0,00 0,00 0 0,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Levelised Tariff with AD Rs/NWh 8.91 Tax Computation Not Depreciation Benefit Lashs 612.70 87.90 -17.06 -58.03 -42.25 -43.09 -43.25 -41.29 -43.29 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -0.00 0.00 0.00 0.00 0.00 0.00 0.00	Discount Factor Levelised Tariff Determination of Accelerated Depre- Depreciation as per Company Law Particulars Booked Depreciation Booked Depreciation Depreciation as per Income Tax La Opening Allowed During the Year Cloning Accelerated Depreciation Depreciation Bonefit Net Depreciation Benefit Energy Generation Tax Benefit Discount Factor	Rs/KWh relation Benefit Straight time f Year -> % Lakh w. Written Dov % % % Lakh Lakh Lakh Lakh Mus. Rs/KWh	1.000 9.43 t for farid ser worthod @ 5. 1. 3.265 43.30 wor Value % 80.00% 80.00% 856.00 556.00 128.42 0.79 16.29	0,964 mented gross 28% 2 3,28% 43,10 43,10 20,00% 4,00% 131,20 67,30 14,42 1,17	0.816 3 5.28% 43.40 4.00% 1.32% 0.30% 26.24 -17.98 -2.57 -2.57 -2.23	0.718 500at PV Press 4 1.28% 4130 0.60% 0.00% 5.25 -54.05 -7.97 1.55 -0.51	0.067 ser Projects \$ 5.28% 41.10 0.11% 0.03% 1.05 -0.223 -0.85 0.056	6.602 5.259 43.30 6.03% 6.03% 0.21 -43.29 9.63 6.57	7 5.25% 43.30 0.03% 0.00% 0.04 41.23 -9.07 1.38	8 5,28% 43,10 0,00% 0,00% 0,00% 0,00% 1,158 43,29	6.444 9.285 43.10 0.00% 0.00% 0.00% 0.00% 1.35 -9.07 1.35 -0.58	3.401 3.30% 43.30 5.00% 0.00% 0.00% 0.00% 1.30 -9.07 1.38 -9.58	9.263 11 3.28% 43.30 9.00% 9.00% 9.00% 9.00% 145.30 -14.73 1.38	5.326 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.30 1.38	0.296 13 5.20% 43.10 0.00% 0.00% 0.00% 0.00%	5.768 14 3.28% 43.30 5.60% 6.60% 6.60% 6.00 41.30 -14.73 1.58 -0.93	0.342 55 3.25% 43.30 0.00% 0.00% 0.00% 43.30 -14.70 1.58 -0.93	5,218 5,18% 43,10 0,00% 0,00% 0,00% 143,30 1-14,73 1,38 -0,93	0.197 17 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.10.72 1.58 -0.93	18 0.00% 0.0	0.161 19 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.146 20 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00%	0.332 31 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	22 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.307 25 0.50% 0.40 0.50% 0.50% 0.50% 0.50% 0.50% 0.50%	34 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 0,00% 0,00% 0,00% 0,00% 0,00% 0,00 0 0,00 0 0,00 0 0,00 0,00 0 0,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Levelised Tariff with AD Rs/NWh 8.91 Tax Computation Not Depreciation Benefit Lucius 612.70 87.90 -17.06 -58.05 -42.25 -43.09 -43.25 -43.29 -43.29 -43.29 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -0.00 0.00 0.00 0.00 0.00 0.00 0.00	Discount Factor Levelised Tariff Determination of Accelerated Depre- Depreciation as per Company Law Particulars Booked Depreciation Booked Depreciation Depreciation as per Income Tax La Oparing Allowed During the Year Cloning Accelerated Depreciation Depreciation Bonefit Net Depreciation Benefit Energy Generation Tax Benefit Discount Factor Levelised Benefit	Rs/KWh ediation Benefit Straight Une f Year -> % Lakh Lakh Lakh Lakh Lakh Mus Bs/Kwh	1.000 9.43 If for Girld core Worthod @ 5. 1. 3.26% 43.30 wor Value M. 100.00% 80.00% 80.00% 80.00% 656.00 128.42 0.79 16.29 1.00 7.72	0,964 mented gross 28% 2 3,28% 43,10 43,10 20,00% 4,00% 131,20 67,30 14,42 1,17	0.816 3 5.28% 43.40 4.00% 1.32% 0.30% 26.24 -17.98 -2.57 -2.57 -2.23	0.718 500at PV Press 4 1.28% 4130 0.60% 0.00% 5.25 -54.05 -7.97 1.55 -0.51	0.067 ser Projects \$ 5.28% 41.10 0.11% 0.03% 1.05 -0.223 -0.85 0.056	6.602 5.259 43.30 6.03% 6.03% 0.21 -43.29 9.63 6.57	7 5,25% 43,30 0,03% 0,00% 0,00% 1,25% 41,25 -9,07 1,38	8 5,28% 43,10 0,00% 0,00% 0,00% 0,00% 1,158 43,29	6.444 9.285 43.10 0.00% 0.00% 0.00% 0.00% 1.35 -9.07 1.35 -0.58	3.401 3.30% 43.30 5.00% 0.00% 0.00% 0.00% 1.30 -9.07 1.38 -9.58	9.263 11 3.28% 43.30 9.00% 9.00% 9.00% 9.00% 145.30 -14.73 1.38	5.326 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.30 1.38	0.296 13 5.20% 43.10 0.00% 0.00% 0.00% 0.00%	5.768 14 3.28% 43.30 5.60% 6.60% 6.60% 6.00 41.30 -14.73 1.58 -0.93	0.342 55 3.25% 43.30 0.00% 0.00% 0.00% 43.30 -14.70 1.58 -0.93	5,218 5,18% 43,10 0,00% 0,00% 0,00% 143,30 1-14,73 1,38 -0,93	0.197 17 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.10.72 1.58 -0.93	18 0.00% 0.0	0.161 19 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.146 20 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00%	0.332 31 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	22 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.307 25 0.50% 0.40 0.50% 0.50% 0.50% 0.50% 0.50% 0.50%	34 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 0,00% 0,00% 0,00% 0,00% 0,00% 0,00 0 0,00 0 0,00 0 0,00 0,00 0 0,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Nat Depreciation Benefit Letts 612.76 87-90 -17.06 -58.03 -42.25 -43.09 -43.25 -43.29 -43.29 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -0.00 0.00 0.00 0.00 0.00 0.00 0.00	Discount Factor Levelised Tarriff Determination of Accelerated Depring Particulars Booked Depreciation Booked Depreciation Depreciation as per Income Tax Lar Opening Allowed During the Year Closing Accelerated Depreciation Depreciation Bonefit Net Depreciation Benefit Tax Benefit Discount Factor Levelised Benefit Levelised Generation	Rs/KWh colation Benefit Straight Line I Year -> Straight Line I Strai	1.000 9.43 ther faried core worthod @ 5. 1 3.20% 43.30 43.30 80.00% 50.00% 556.00 128.42 0.79 16.29 1.80	0,964 mented gross 28% 2 3,28% 43,10 43,10 20,00% 4,00% 131,20 67,30 14,42 1,17	0.816 3 5.28% 43.40 4.00% 1.32% 0.30% 26.24 -17.98 -2.57 -2.57 -2.23	0.718 500at PV Press 4 1.28% 4130 0.60% 0.00% 5.25 -54.05 -7.97 1.55 -0.51	0.067 ser Projects \$ 5.28% 41.10 0.11% 0.03% 1.05 -0.223 -0.85 0.056	6.602 5.259 43.30 6.03% 6.03% 0.21 -43.29 9.63 6.57	7 5,25% 43,30 0,03% 0,00% 0,00% 1,25% 41,25 -9,07 1,38	8 5,28% 43,10 0,00% 0,00% 0,00% 0,00% 1,158 43,29	6.444 9.285 43.10 0.00% 0.00% 0.00% 0.00% 1.35 -9.07 1.35 -0.58	3.401 3.30% 43.30 5.00% 0.00% 0.00% 0.00% 1.30 -9.07 1.38 -9.58	9.263 11 3.28% 43.30 9.00% 9.00% 9.00% 9.00% 145.30 -14.73 1.38	5.326 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.30 1.38	0.296 13 5.20% 43.10 0.00% 0.00% 0.00% 0.00%	5.768 14 3.28% 43.30 5.60% 6.60% 6.60% 6.00 41.30 -14.73 1.58 -0.93	0.342 55 3.25% 43.30 0.00% 0.00% 0.00% 43.30 -14.70 1.58 -0.93	5,218 5,18% 43,10 0,00% 0,00% 0,00% 143,30 1-14,73 1,38 -0,93	0.197 17 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.10.72 1.58 -0.93	18 0.00% 0.0	0.161 19 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.146 20 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00%	0.332 31 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	22 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.307 25 0.50% 0.40 0.50% 0.50% 0.50% 0.50% 0.50% 0.50%	34 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 0,00% 0,00% 0,00% 0,00% 0,00% 0,00 0 0,00 0 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0 0,00 0,00 0 0,00 0 0,00 0 0,00 0 0,00 0 0,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Nat Depreciation Benefit Letts 612.76 87.90 -17.04 -58.03 -42.25 -43.09 -43.25 -43.29 -43.29 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -0.00 0.00 0.00 0.00 0.00 0.00 0.00	Discount Factor Levelised Tarriff Determination of Accelerated Depring Particulars Booked Depreciation Booked Depreciation Depreciation as per Income Tax Lar Opening Allowed During the Year Closing Accelerated Depreciation Depreciation Bonefit Net Depreciation Benefit Tax Benefit Discount Factor Levelised Benefit Levelised Generation	Rs/KWh colation Benefit Straight Line I Year -> Straight Line I Year -> Straight Line I Year -> Straight Line I No. Line I No. Line I Lakh Lakh Lakh Lakh Lakh Lakh MUs Bs/KWh Lakh MUs	1.000 9.43 ther faried core worthod @ 5. 1 3.20% 43.30 43.30 80.00% 50.00% 556.00 128.42 0.79 16.29 1.80	0,964 mented gross 28% 2 3,28% 43,10 43,10 20,00% 4,00% 131,20 67,30 14,42 1,17	0.816 3 5.28% 43.40 4.00% 1.32% 0.30% 26.24 -17.98 -2.57 -2.57 -2.23	0.718 500at PV Press 4 1.28% 4130 0.60% 0.00% 5.25 -54.05 -7.97 1.55 -0.51	0.067 ser Projects \$ 5.28% 41.10 0.11% 0.03% 1.05 -0.223 -0.85 0.056	6.602 5.259 43.30 6.03% 6.03% 0.21 -43.29 9.63 6.57	7 5,25% 43,30 0,03% 0,00% 0,00% 1,25% 41,25 -9,07 1,38	8 5,28% 43,10 0,00% 0,00% 0,00% 0,00% 1,158 43,29	6.444 9.285 43.10 0.00% 0.00% 0.00% 0.00% 1.35 -9.07 1.35 -0.58	3.401 3.30% 43.30 5.00% 0.00% 0.00% 0.00% 1.30 -9.07 1.38 -9.58	9.263 11 3.28% 43.30 9.00% 9.00% 9.00% 9.00% 145.30 -14.73 1.38	5.326 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.30 1.38	0.296 13 5.20% 43.10 0.00% 0.00% 0.00% 0.00%	5.768 14 3.28% 43.30 5.60% 6.60% 6.60% 6.00 41.30 1.58 -0.93	0.342 55 3.25% 43.30 0.00% 0.00% 0.00% 43.30 -14.70 1.58 -0.93	5,218 5,18% 43,10 0,00% 0,00% 0,00% 143,30 1-14,73 1,38 -0,93	0.197 17 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.10.72 1.58 -0.93	18 0.00% 0.0	0.161 19 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.146 20 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00%	0.332 31 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	22 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.307 25 0.50% 0.40 0.50% 0.50% 0.50% 0.50% 0.50% 0.50%	34 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 0,00% 0,00% 0,00% 0,00% 0,00% 0,00 0 0,00 0 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0 0,00 0,00 0 0,00 0 0,00 0 0,00 0 0,00 0 0,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Net Deprecation Benefit Lakins 612.70 67.90 -17.06 -56.03 42.25 -43.09 -43.25 -43.29 -43.29 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -0.00 0.00 0.00 0.00 0.00 0.00 0.00	Discount Factor Levelised Tarriff Determination of Accelerated Deput Depreciation as per Company Law Partisatars Booked Depreciation Booked Depreciation Depreciation as per Income Tax La Opening Allowed During the Year Closing Accelerated Depreciation Depreciation Benefit Red Depreciation Benefit Tax Benefit Discount Factor Levelised Benefit Levelised Generation Levelised Generation	Re/KWh relation Benefit Straight Une F Year -> S Lakh W. Written Dov S Lakh Lakh Lakh Lakh Lakh Mus Bu/KWh Lakh MUs Re/KWh	1.000 9.43 ther familities whethed ⊕ 5. 1 1 3.20% 43.30 worked 0.00% 80.00% 80.00% 80.00% 812.70 128.42 0.79 128.42 1.00 7.72 1.50 0.52	0,964 mented gross 28% 2 3,28% 43,10 43,10 20,00% 4,00% 131,20 67,30 14,42 1,17	0.816 3 5.28% 43.40 4.00% 1.32% 0.30% 26.24 -17.98 -2.57 -2.57 -2.23	0.718 500at PV Press 4 1.28% 4130 0.60% 0.00% 5.25 -54.05 -7.97 1.55 -0.51	0.067 ser Projects \$ 5.28% 41.10 0.11% 0.03% 1.05 -0.223 -0.85 0.056	6.602 5.259 43.30 6.03% 6.03% 0.21 -43.29 9.63 6.57	7 5,25% 43,30 0,03% 0,00% 0,00% 1,25% 41,25 -9,07 1,38	8 5,28% 43,10 0,00% 0,00% 0,00% 0,00% 1,158 43,29	6.444 9.285 43.10 0.00% 0.00% 0.00% 0.00% 1.35 -9.07 1.35 -0.58	3.401 3.30% 43.30 5.00% 0.00% 0.00% 0.00% 1.30 -9.07 1.38 -9.58	9.263 11 3.28% 43.30 9.00% 9.00% 9.00% 9.00% 145.30 -14.73 1.38	5.326 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.30 1.38	0.296 13 5.20% 43.10 0.00% 0.00% 0.00% 0.00%	5.768 14 3.28% 43.30 5.60% 6.60% 6.60% 6.00 41.30 1.58 -0.93	0.342 55 3.25% 43.30 0.00% 0.00% 0.00% 43.30 -14.70 1.58 -0.93	5,218 5,18% 43,10 0,00% 0,00% 0,00% 143,30 1-14,73 1,38 -0,93	0.197 17 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.10.72 1.58 -0.93	18 0.00% 0.0	0.161 19 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.146 20 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00%	0.332 31 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	22 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.307 25 0.50% 0.40 0.50% 0.50% 0.50% 0.50% 0.50% 0.50%	34 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 0,00% 0,00% 0,00% 0,00% 0,00% 0,00 0 0,00 0 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0 0,00 0,00 0 0,00 0 0,00 0 0,00 0 0,00 0 0,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Net Deprecation Benefit Lakins 612.70 67.90 -17.06 -56.03 42.25 -43.09 -43.25 -43.29 -43.29 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -43.30 -0.00 0.00 0.00 0.00 0.00 0.00 0.00	Discount Factor Levelised Tarriff Determination of Accelerated Deput Depreciation as per Company Law Partisatars Booked Depreciation Booked Depreciation Depreciation as per Income Tax La Opening Allowed During the Year Closing Accelerated Depreciation Depreciation Benefit Red Depreciation Benefit Tax Benefit Discount Factor Levelised Benefit Levelised Generation Levelised Generation	Re/KWh relation Benefit Straight Une F Year -> S Lakh W. Written Dov S Lakh Lakh Lakh Lakh Lakh Mus Bu/KWh Lakh MUs Re/KWh	1.000 9.43 ther familities whethed ⊕ 5. 1 1 3.20% 43.30 worked 0.00% 80.00% 80.00% 80.00% 812.70 128.42 0.79 128.42 1.00 7.72 1.50 0.52	0,964 mented gross 28% 2 3,28% 43,10 43,10 20,00% 4,00% 131,20 67,30 14,42 1,17	0.816 3 5.28% 43.40 4.00% 1.32% 0.30% 26.24 -17.98 -2.57 -2.57 -2.23	0.718 500at PV Press 4 1.28% 4130 0.60% 0.00% 5.25 -54.05 -7.97 1.55 -0.51	0.067 ser Projects \$ 5.28% 41.10 0.11% 0.03% 1.05 -0.223 -0.85 0.056	6.602 5.259 43.30 6.03% 6.03% 0.21 -43.29 9.63 6.57	7 5,25% 43,30 0,03% 0,00% 0,00% 1,25% 41,25 -9,07 1,38	8 5,28% 43,10 0,00% 0,00% 0,00% 0,00% 1,158 43,29	6.444 9.285 43.10 0.00% 0.00% 0.00% 0.00% 1.35 -9.07 1.35 -0.58	3.401 3.30% 43.30 5.00% 0.00% 0.00% 0.00% 1.30 -9.07 1.38 -9.58	9.263 11 3.28% 43.30 9.00% 9.00% 9.00% 9.00% 145.30 -14.73 1.38	5.326 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.30 1.38	0.296 13 5.20% 43.10 0.00% 0.00% 0.00% 0.00%	5.768 14 3.28% 43.30 5.60% 6.60% 6.60% 6.00 41.30 1.58 -0.93	0.342 55 3.25% 43.30 0.00% 0.00% 0.00% 43.30 -14.70 1.58 -0.93	5,218 5,18% 43,10 0,00% 0,00% 0,00% 143,30 1-14,73 1,38 -0,93	0.197 17 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.10.72 1.58 -0.93	9.170 18 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.161 19 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.146 20 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00%	0.332 31 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	22 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.307 25 0.50% 0.40 0.50% 0.50% 0.50% 0.50% 0.50% 0.50%	34 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 0,00% 0,00% 0,00% 0,00% 0,00% 0,00 0 0,00 0 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0 0,00 0,00 0 0,00 0 0,00 0 0,00 0 0,00 0 0,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
MAT Lakes 178.47 18.47 18.47 -3.57 -7.97 8.85 -9.03 -9.07 -9	Discount Factor Levelised Tarriff Determination of Accelerated Depril Deproclation as per Company Law Particulars Booked Depreciation Booked Depreciation Depreciation as per Income Tax La Opening Altowed Ouring the Year Cloning Accelerated Depreciation Depreciation Benefit Net Depreciation Benefit Tax Benefit Discount Factor Levelised Benefit Levelised Benefit Levelised Benefit Levelised Benefit Levelised Benefit Levelised Benefit	Re/KWh relation Benefit Straight Une F Year -> S Lakh W. Written Dov S Lakh Lakh Lakh Lakh Lakh Mus Bu/KWh Lakh MUs Re/KWh	1.000 9.43 ther familities whethed ⊕ 5. 1 1 3.20% 43.30 worked 0.00% 80.00% 80.00% 80.00% 812.70 128.42 0.79 128.42 1.00 7.72 1.50 0.52	0,964 mented gross 28% 2 3,28% 43,10 43,10 20,00% 4,00% 131,20 67,30 14,42 1,17	0.816 3 5.28% 43.40 4.00% 1.32% 0.30% 26.24 -17.98 -2.57 -2.57 -2.23	0.718 500at PV Press 4 1.28% 4130 0.60% 0.00% 5.25 -54.05 -7.97 1.55 -0.51	0.067 ser Projects \$ 5.28% 41.10 0.11% 0.03% 1.05 -0.223 -0.85 0.056	6.602 5.259 43.30 6.03% 6.03% 0.21 -43.29 9.63 6.57	7 5,25% 43,30 0,03% 0,00% 0,00% 1,25% 41,25 -9,07 1,38	8 5,28% 43,10 0,00% 0,00% 0,00% 0,00% 1,158 43,29	6.444 9.285 43.10 0.00% 0.00% 0.00% 0.00% 1.35 -9.07 1.35 -0.58	3.401 3.30% 43.30 5.00% 0.00% 0.00% 0.00% 1.30 -9.07 1.38 -9.58	9.263 11 3.28% 43.30 9.00% 9.00% 9.00% 9.00% 145.30 -14.73 1.38	5.326 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.30 1.38	0.296 13 5.20% 43.10 0.00% 0.00% 0.00% 0.00%	5.768 14 3.28% 43.30 5.60% 6.60% 6.60% 6.00 41.30 1.58 -0.93	0.342 55 3.25% 43.30 0.00% 0.00% 0.00% 43.30 -14.70 1.58 -0.93	5,218 5,18% 43,10 0,00% 0,00% 0,00% 143,30 1-14,73 1,38 -0,93	0.197 17 5.28% 43.10 0.00% 0.00% 0.00% 0.00% 1.10.72 1.58 -0.93	9.170 18 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.161 19 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.146 20 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00%	0.332 31 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	22 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.307 25 0.50% 0.40 0.50% 0.50% 0.50% 0.50% 0.50% 0.50%	34 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25 0,00% 0,00% 0,00% 0,00% 0,00% 0,00 0 0,00 0 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,00 0 0,00 0,00 0 0,00 0 0,00 0 0,00 0 0,00 0 0,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Componente Tax UNRYS 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Discount Factor Lavelised Tarriff Determination of Accelerated Deput Depreciation as per Company Law Particulars Booked Depreciation Booked Depreciation Booked Depreciation Depreciation as per Income Tax Lav Opening Allowed During the Year Closing Accelerated Depreciation Depreciation Bonefit Rest Depreciation Benefit Energy Generation Tax Benefit Discount Factor Levelised Benefit Levelised Generation Levelised Benefit Levelised Benefit Levelised Tarriff with AD Tax Computation	Rs/KWh relation Benefit Straight Une f Year -> % Lakh W. Written Doy % % Lakh Lakh Lakh Lakh Mus Bs/KWh Lakh MUs Rs/KWh	1.000 9.43 ther familities whethed ⊕ 5. 1 3.28% 43.30 von Value Mee 1000,00% 80.00% 80.00% 80.00% 80.00% 812.70 128.47 9.79 18.29 1.00 7.72 1.50 0.52 8.91	0.904 mented groups 28% 2 3.26% 43.40 90% 20.00% 40.00% 15.10% 4.50% 131.30 11.42 1.38 1.17	0.816 1 3.25% 43.30 4.00% 3.26% 0.30% -2.57 1.58 0.23 0.86	0.718 Solar PV Prov 4: 1.28 41.30 0.648 0.188 5.25 -34.05 -34.05 0.51 0.78	0.067 at Projects \$ 5.25% 43.30 0.16% 0.13% 0.23% 1.05 -0.223 -0.55 0.56 0.70	6 5.20% 43.30 0.00% 0.00% 0.00% 0.21 1.53 0.57 0.01	7 3.25% 43.30 9.03% 0.03% 0.004 -42.25 -9.07 1.53 0.57	8 5,25% 48,10 9,90% 9,90% 9,90% 9,90% 9,00% 1,58 9,907 1,58 9,53 9,53	0.444 5.28% 43.30 0.00% 0.00% 0.00% 0.00% 1.55 0.58 0.47	8.401 18 5.205 43.30 5.006 6.006 0.006 -61.30 -9.07 1.38 6.59 6.41	9.363 9.32% 43.30 9.00% 9.00% 9.00% 145.30 147.72 1.39 9.33 0.38	9.329 5.25% 45.10 9.90% 9.00%	0.296 13 5.28% 43.30 0.00% 0.00% 0.00% 0.00% 14.77 1.58 -0.93 0.31	5.268 5.26% 48.30 9.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.342 5.25% 41.30 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.218 5.25% 45.30 5.00%	0.197 5.295 48.30 0.00% 0.00% 0.00% 0.006 0.00 10.77 1.58 -0.93 0.21	18 2.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00	0.161 19 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	9,346 20 2,00% 6,90 9,00% 6,00% 6,00% 6,00 1,35 6,90 6,15	0.332 21 0.00% 6.00 0.00% 0.00% 0.00% 0.00 0.00	22 2.00% G.80 5.00% G.80 6.13 6.00 G.13	9.107 23 8.00% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00% 6.00%	5.097 34 5.00% 6.00%	25 0.00% 0.60% 0.60% 0.60% 0.60% 0.60% 0.60 0.60
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Annex. A..2 Generic TARIFF CALCULATIONS: SOLAR PV Plant up to 500 kW - for Lakshadweep and Andaman & Nicobar without any capital Subsidy

March Marc	THE STATE OF THE FORT OF THE F		egulations Va	iid upto £1.	01.7015 : Gr	id connect	ed Solar PV	upto 500 k	W Rating																		
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Column C	Column C	DE - 1st 10 Years (pretax)	8	20%	Daration (as	very year aft	ar 2nd year)	- X	0.00%																		
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Linvolated Tariff Ra/KWth 10.42	Linvolland Tariff RajKWh 10.42	fear wise Tariff	SPLKM#	12.47	12.57	17.18	11.79	11.40	11.02	10.04	10.25	9.80	9.52	5.87	9.51	1.82	0.01	7.00	7.11	7.22	1.41	7.45	7.54	7.71	7.50	8.01	8.17
Linvalised Tariff RajKWth 10.42	Linearization PaySWh 10.42																			-					1		
Internation of Accidented Dispuscialism Shruff the Gail converted Space aspectation aspect Consignity Law - Shrufford go 2,375. Particular Par	The contract of Acadesisted Expressional Acadesisted Expressional Souther William Exercision as per Consiguir Line - Southerd Structure as per Consiguir L	Discount Factor	4	1.000	0.904	0.816	0.738	0.667	0.602	8.544	0.492	0,444	0.401	0.363	6.328	0.296	0.268	0.242	0.218	8.197	0.178	0,161	0.146	0.132	8.119	0.187	8.897
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Transfer Tour Lab - March 1 45, 1 45, 2 45, 3 45, 3 45, 4 45, 4 45, 4 45, 4 45, 5 45	Content Depreciation Light 48.58	Depreciation as per Company Law -	Straight Line N	tethod @ 5.1	88%	4							460	42	40	441		440	- 44	1000					440	1760	240
Persistent as per treater Tax Law - Wilthen Darw Value Northold (90%) 1 100.00% 20.00	Persistent as yet income Tax Law - Written Downs Value Notice of BRNS 100.00% 2	Perfectation as per Company Law - Particulars	Straight Line N	1	2						_																
Second S	Second S	Depreciation as per Company Last - Particulars Dooked Depreciation	Straight Line N Year ->	1 5.28%	5.28%	5,28%	5.28%	5.20%	5.28%	5.28%	5.38%	5.28%	5.28%	5.28%	5.28%	5.28%	5,28%	5.28%	5.28%	5.28%	0.00%	0.00%	0.00%	0.00%	E.00%	0.00%	0.00%
Allowed Ouring the Year N 80,00% 16,00% 3,29% 0,64% 0,23% 0,64% 0,02% 0,00	Howerd Ouring the Year \$ 80,00% 10,00% 3,25% 0,84% 0,82% 0,05% 0,00% 0,	Particulars Particulars Hooked Depreciation Hooked Depreciation	Straight Line N Year -> % Lakh	1 5.20% 48.58	2 5.28% 48.58	5,28%	5.28%	5.20%	5.28%	5.28%	5.38%	5.28%	5.28%	5.28%	5.28%	5.28%	5,28%	5.28%	5.28%	5.28%	0.00%	0.00%	0.00%	0.00%	E.00%	0.00%	0.00%
Service Serv	Service Score Sc	Depreciation as per Company Law Particulars tooked Depreciation looked Depreciation	Straight Line N Year -> % Lakh v - Written Dow	1 5.26% 48.58 vs Value Met	2 5.28% 48.58 thad @ 80%	5,28%	5.28%	5.20%	5.28%	3.28% 48.58	5.38%	5.28%	5.28% 48.58	5.28% 48.58	5.28% 48.58	5.28% 48.58	5,28%	5.28% 48.58	5.28% 68.58	5.28%	0.00%	0.00%	0.00%	0.00%	0.00	0.00%	0.00% 6.00
Second Contented Depreciation Lab 70.06 Lab 0.00%	Second S	Pepreciation as per Company Lan- Particulars cooked Depreciation looked Depreciation Pepreciation as per Income Tox Law	Straight Line N Year -> % Lakh v - Written Dow	1 5.26% 48.58 vs Value Met	2 5.28% 48.58 thad @ 80%	5.28% 48.58	5.28% 48.58	5.20% 48.58	5.28% 46.58	3.28% 48.58	5.38% 48.58	5.28% 48.58	5.28% 48.58	5.28% 48.58	5.28% 48.58	5.28% 48.58	5.28% 48.58	5.28% 48.58	5.28% 68.58	5.28% 48.58	0.00%	0.00%	0.00%	0.00%	0.00	0.00%	0.00% 6.00
Excellented Depreciation Lab 780,06 147,70 29,44 5.85 1.38 0.24 0.05 0.06 0.00 0.09 0.00 0.00 0.00 0.00 0.00	Computation Calcular Calcul	Repreciation as per Company Lass- Partinulars cooked Depreciation looked Depreciation Repreciation as per Income Tax Law Depresing	Straight Line N Year -3 S Lakh Written Dow	1 5.28% 48.58 vs Value Met 100.00%	2 5,28% 48,58 thod @ 80% 20,00%	5,28% 48,58 4.00%	5.28% 48.58 11.80%	5.26% 48.58 0.34%	5.28% 48.58 0.02%	5.28% 48.58 -0.01%	5.38% 68.58 0.00%	5.28% 48.58 0.07%	5.28% 48.58 0.00%	5.28% 48.58 0.00%	5.28% 48.58 0.00%	5.26% 48.58 0.00%	5.28% 48.58 0.00%	5.28% 48.58 11.00%	5.28% 68.58 0.90%	5.28% 48.58 0.00%	0.00% 0.00 0.00%	0.00%	0.00%	0.00%	8.00% 8.00%	0.00%	0.00% 0.00%
Proclation Benefit Light 154.0 154.2 151.4 42.09 47.40 48.31 48.52 48.57 48.57 48.58	## Depreciation Benefit Labh 167.41 164.02 -251.04 -42.09 -47.40 -46.54 -48.55 -48.57 -48.50 -48.55 -48.5	repreciation as per Company Lass- Particulars cooked Depreciation cooked Depreciation opereciation as per Income Tax Law pening Howed During the Year	Straight Line N Year -> S Labh Written Dow	1 5.26% 48.58 ws Value Med 100.00% 80.00%	3 5.28% 48.58 thod @ 80% 20.00%	5.28% 48.58 4.00% 3.20%	5.28% 48,58 11,80% 0.64%	5.26% 48.58 0.36% 0.33%	5.28% 46.58 0.02% 0.02%	1.28% 44.58 0.01%	5.38% 68.58 0.00%	5.28% 48.58 0.00% -0.00%	5.28% 48.58 0.00% 0.00%	5.28% 48.38 0.00%	5.28% 48.58 0.00% 0.00%	5.28% 48.58 0.00% 0.00%	5,29% 48,58 0,00%	5.28% 48.58 11.00% 0.00%	5.28% 68.58 0.00% 0.00%	5.28% 48.58 0.00% 0.00%	0.00% 0.00 0.00%	0.00% 0.00 0.00% 0.00%	0.00% 0.00 0.00%	0.00% 0.00% 0.00%	5.00% 5.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00%
Int Degreciation Sense(it Labb No.742 18.42 29.14 42.09 47.40 48.34 48.37 48.57 48.57 48.58 48.5	Int Degreciation Sensefit Labh 144,68 20-47 4-0, 8-99 40.33 -0.07 1-0.18 1-0.38 -0.03 1-0.03	repreciation as per Company Lass Particulars cooked Depreciation conked Depreciation sepreciation as per Income Tax Lass penning Lissued Ouring the Year Soring	Straight Line N Year -3 % Lakh w Written Dow	\$ 5.26% 48,58 vs. Value Met 100,00% 80,00% 20,00%	3 5.28% 48.58 thod @ 80% 20.00% 16.00%	5,28% 48,58 4,00% 3,28% 0,80%	5.28% 48,58 11,80% 0.64% 0.58%	5.26% 48.58 0.36% 0.33% 0.03%	5.28% 48.58 0.02% 0.02%	9.03% 9.03% 9.03% 9.00%	0.00% 0.00% 0.00%	5,28% 48,58 0,00% 0,00% 1,00%	3.28% 48.58 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	5,29% 48,58 0,00% 0,00%	5.28% 48.58 1.00% 0.00% 0.00%	5.28% 68.58 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00%	0.00% 0.00 0.00% 0.00% 0.00%	0.00% 0.00 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.000 0.00% 0.00% 0.00%	0.00% 8.00 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%
ax Secreft	ax Secreft (ash) 144.08 (20.47 4.01 6.90 9.99 10.13 10.17 10.18 10.08 10.03 10	Repreciation as per Company Lass- Particulars tooked Depociation tooked Depociation Repreciation as per Income Tax Law Spening Ulowed During the Year Joshing Locked Courses the Course Course Locked Courses the Course Course	Straight Line N Year -3 % Lakh w Written Dow	\$ 5.26% 48,58 vs. Value Met 100,00% 80,00% 20,00%	3 5.28% 48.58 thod @ 80% 20.00% 16.00%	5,28% 48,58 4,00% 3,28% 0,80%	5.28% 48,58 11,80% 0.64% 0.58%	5.26% 48.58 0.36% 0.33% 0.03%	5.28% 48.58 0.02% 0.02%	9.03% 9.03% 9.03% 9.00%	0.00% 0.00% 0.00%	5,28% 48,58 0,00% 0,00% 1,00%	3.28% 48.58 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	5,29% 48,58 0,00% 0,00%	5.28% 48.58 1.00% 0.00% 0.00%	5.28% 68.58 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00%	0.00% 0.00 0.00% 0.00% 0.00%	0.00% 0.00 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.000 0.00% 0.00% 0.00%	0.00% 8.00 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%
Secretary Secr	Secretary Secr	Supreciation as per Company Lass Particulars tooked Depociation looked Depociation looked Depociation looked Depociation looked Depociation looked Depociation looking libourd Ouring the Year looking libourd Depreciation looping the Depreciation looping the Beautiful Depreciation looping the Beau	Straight Line N Year -> % Lakh Witten Dow % % Lakh Lakh	\$ 5.28% 48.58 49.58 49.50 Mer Value Mer 100.00% 20.00% 20.00% 750.00	3 5.28% 48.58 thod ⊕ 80% 20.00% 16.00% 4.00%	5,28% 48,58 4,00% 3,20% 0,80% 29,44	5.28% 48.58 11.82% 0.62% 0.68% 5.85	5.28% 48,58 0.38% 0.33% 0.03% 1.38	5.28% 46.18 0.03% 0.03% 0.01% 6.24	9.00% 0.00% 0.00%	5.38% 68.58 0.00% 0.00% 0.00% 0.00%	5,28% 48,58 0,00% 0,00% 0,00% 0,000	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	5,28% 48,58 0,00% 0,00% 0,00% 0,00%	0.00% 0.00% 0.00% 0.00%	5.28% 68.58 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00% 0.00%	0.00% 0.00 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	8.00% 8.00% 8.00% 8.00% 8.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%
Referential Registrators 1.00 0.55 0.66 0.78 0.70 0.63 0.57 0.52 0.47 0.42 0.58 0.34 0.31 0.28 0.25 0.25 0.23 0.21 0.29 0.17 0.15 0.18 0.10 0.00 0.00 0.00 0.00 0.00 0.00	Superistrice Supe	Supreciation as per Company Lass - Particulars tooked Depreciation tooked Depreciation topening Uponing Ulcowed During the Year Joeing Ucolerated Depreciation terrelated Depreciation terrelated Depreciation to Depreciation	Straight Line N Year-> % Lakh v Written Dow % % Lakh % Lakh	\$ 5.28% 48.58 ws Value Mer 100.00% 20.00% 20.00% 730.00 ws 730.00	3 5.29% 48.58 thad @ 80% 20.00% 16.00% 4.00% 147.20	5.28% 48.58 4.05% 3.25% 0.85% 25.44	5.28% 48.58 11.88% 0.68% 5.35 5.45	5.20% 48.50 0.30% 0.32% 0.07% 1.33	5.28% 48.58 0.03% 0.03% 0.01% 0.24	9.28% 60.58 9.00% 9.00% 0.00%	5.38% 60.58 0.00% 0.00% 0.00% 0.00%	5,28% 48,58 0,00% 0,00% 0,00% 0,00 46,57	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	5,28% 48,58 0,00% 0,00% 0,00% 0,00 48,58	0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 68.58 0.00% 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00% 0.00 -48.58	0.00% 0.00 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	8.00% 8.00% 8.00% 8.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%
Discount factor Lot 0.95 0.86 0.78 0.78 0.78 0.83 0.57 0.32 0.47 0.42 0.38 0.34 0.31 0.28 0.25 0.23 0.21 0.19 0.17 0.15 0.14 0.13 0.10	Discount Factor Lot 0.95 0.86 0.78 0.70 0.63 0.57 0.32 0.47 0.42 0.38 0.34 0.31 0.28 0.25 0.23 0.21 0.19 0.17 0.35 0.14 0.13 0.11 0.10	Repreciation as per Company Lass Particulars Looked Depositation Looked Loo	Straight Line N Year-> % Lakh Witten Dow % % Lakh Lakh Lakh	1 5.26% 48.58 ws Value Me 100.06% 80.06% 20.06% 780.00 667.42 144.68	2 5.29% 48.58 thad @ 80% 20.00% 16.00% 4.00% 147.20 98.42 20.67	5.28% 48.58 4.05% 3.25% 0.85% 25.44 -23.14 -4.01	5.22% 48.58 0.82% 0.88% 5.89 -42.60 6.90	5.38% 48.58 0.38% 0.33% 0.03% 1.38 -47.40 -9.93	5.28% 48.58 6.03% 6.03% 6.24 -61.34 -10.13	9.28% 9.58 9.01% 9.00% 9.00% 9.00% 1.00%	0.00% 0.00% 0.00% 0.00% 0.00%	5,28% 48,58 8,00% 6,00% 5,00% 0,00 -46,57 -10,58	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00% 0.00% 48.28 -16.51	5.28% 48.58 0.00% 0.00% 0.00% 0.00 48.58 16.51	0.00% 0.00% 0.00% 0.00% 0.00% -48.58 -16.51	5,23% 48,58 0,00% 0,00% 0,00% 0,00 48,98 -46,98	1.00% 0.00% 0.00% 0.00% 0.00%	5.28% 68.58 0.00% 0.00% 0.00% 0.00% 0.00 -60.50	5.28% 48.58 0.00% 0.00% 0.00% 0.000 -48.58 -16.51	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.000	8.00% 8.00% 8.00% 8.00% 8.00% 8.00 9.00 9.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%
Levelized Benefit Lakh 8.67 Levelized Generation MUs 1.50 Levelized Benefit Rs/KWh 0.58 Levelized Tariff with AD Re/KWh 9.84 Levelized Tariff with AD Re/KWh 0.58 Levelized Tariff with AD Re/KWh 0.58 Levelized Tariff with AD Re/KWh 0.58 Levelized Benefit Re/KWh 0.58 L	Levelized Benefit Lakh 8.67 Levelized Generation MUs 1.50 Levelized Benefit Rs/KWh 0.58 Levelized Tariff with AO Rs/KWh 9.84 Levelized Tariff with AO Rs/KWh 0.58 Levelized Tariff with AO Rs/KWh 9.84 Levelized Benefit Rs/KWh 0.58 L	repreciation as per Company Lass Particulars sooked Depociation tooked tooked Desired Year Josing tilebused During the Year Josing tilebused Depreciation topyreciation benefit ted Depociation tenselit as Benefit though Generation	Straight Line N Year -> % Lakh Lakh S Lakh Lakh Lakh Lakh Lakh	1 5.26% 48.58 ws Value Me 100.06% 80.06% 20.06% 780.00 667.42 144.68 0.79	2 5.28% 48.58 thod @ 80% 20.00% 16.00% 4.00% 147.20 18.42 20.67 1.58	5.28% 48.58 4.05% 3.25% 0.65% 29.44 -29.14 -4.01 1.56	5.22% 48.58 0.62% 0.68% 5.89 -42.60 6.90 1.58	0.34% 0.33% 0.03% 0.03% 1.38 -47.40 -9.93 1.34	5.28% 46.58 46.58 6.03% 6.01% 6.24 -41.34 -10.13 1.58	5.28% 68.58 5.01% 5.01% 6.00% 6.00% 6.00%	0.00% 0.00% 0.00% 0.00% 0.00% -48.57 -10.18 1.58	5.28% 48.58 0.00% 0.00% 0.00 46.57 -10.38 1.58	0.00% 0.00% 0.00% 0.00% 0.00% -41.50 -10.18	5.28% 48.58 0.00% 0.00% 0.00% 0.00 48.58 -10.51 1.58	5.28% 48.58 0.00% 0.00% 0.00% 0.00% 48.58 -36.51 1.58	\$388 48.58 0.00% 0.00% 0.00% 0.000 48.58 -16.51 1.58	5,29% 48,58 0,00% 0,00% 0,00% 0,00 48,58 -16,51 1,58	1.00% 0.00% 0.00% 0.00% 0.00% 0.00 -48.58 -16.51 1.58	5.28% 60.58 0.00% 0.00% 0.00% 0.00% -40.58 -10.51 1.58	5.28% 48.58 0.00% 0.00% 0.00% 0.000 -48.53 -16.51 1.58	0.00% 0.00 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	8.00% 8.00% 8.00% 8.00% 8.00 8.00 0.00 1.56	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00
Levelised Benefit Rs/KWh 0.58 Levelised Tariff with AD Rs/KWh 0.58 L	Levelised Generation MUs 1.50 Levelised Benefit Rs/KWh 0.58 Levelised Tariff with AD Rs/KWh 9.84 Levelised	epreciation as per Company Lass Particulars cooked Depreciation coded Depreciation epreciation as per Income Tax Law pening illowed During the Year losing conferented Depreciation epreciation Benefit at Depreciation Reselft	Straight Line N Year -> % Lakh Lakh S Lakh Lakh Lakh Lakh Lakh	1 5.26% 48.58 vs Value Mor 100.00% 30.00% 20.00% 780.00 667.42 144.68 0.79 18.28	2 5.28% 48.58 thod @ 80% 20.00% 16.00% 4.00% 147.20 18.42 20.67 1.58	5.28% 48.58 4.05% 3.22% 0.65% 29.44 -29.14 -4.01 1.56 -0.25	5,22% 48,58 1,80% 0,61% 0,68% 5,89 42,69 8,90 1,58 0,57	5.26% 48,58 0.32% 0.32% 0.02% 1.38 -47,40 -9.93 1.54 -0.63	5.28% 44.58 44.58 6.03% 6.03% 6.24 41.34 -10.13 1.58 -0.64	0.38 0.38 0.0% 0.00% 0.00% 0.00 -48.31 -30.17 1.56 -0.65	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 48.58 0.02% 0.00% 0.00% 0.00 46.57 -10.38 1.58 -0.05	0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.51 1.58	5.28% 48.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.00 -0.00% 1.00 -0.00%	5.28% 48.58 48.58 5.00% 5.00% 6.00% 48.58 16.51 1.58 -1.65	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5,29% 48,58 0,00% 0,00% 0,00% 0,00% 0,00 48,58 -16,51 1,58 -1,05	5.28% 68.58 1.00% 0.00% 0.00% 0.00% 0.60 -48.50 -16.51 1.58 -1.05	5.28% 00.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00% 0.00 0.00% 0.00 0.0	5.28% 48.58 0.00% 0.00% 4.00% -48.58 -16.51 1.58 -1.05	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8.00% 8.00% 8.00% 8.00% 8.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00%
Levelland Generation MUs 1.50	Levellised Generation MUs 1.50	preciation as per Company Lass Particulars consided Depreciation contend Depreciation epreciation as per Income Tax Law pening lossed During the Year lossing conference Depreciation epreciation Securit et Depreciation Secu	Straight Line N Year -> % Lakh Lakh S Lakh Lakh Lakh Lakh Lakh	1 5.26% 48.58 vs Value Mor 100.00% 30.00% 20.00% 780.00 667.42 144.68 0.79 18.28	2 5.28% 48.58 thod @ 80% 20.00% 16.00% 4.00% 147.20 18.42 20.67 1.58	5.28% 48.58 4.05% 3.22% 0.65% 29.44 -29.14 -4.01 1.56 -0.25	5,22% 48,58 1,80% 0,61% 0,68% 5,89 42,69 8,90 1,58 0,57	5.26% 48,58 0.32% 0.32% 0.02% 1.38 -47,40 -9.93 1.54 -0.63	5.28% 44.58 44.58 6.03% 6.03% 6.24 41.34 -10.13 1.58 -0.64	\$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 48.58 0.02% 0.00% 0.00% 0.00 46.57 -10.38 1.58 -0.05	0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.51 1.58	5.28% 48.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.00 -0.00% 1.00 -0.00%	5.28% 48.58 48.58 5.00% 5.00% 6.00% 48.58 16.51 1.58 -1.65	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5,29% 48,58 0,00% 0,00% 0,00% 0,00% 0,00 48,58 -16,51 1,58 -1,05	5.28% 68.58 1.00% 0.00% 0.00% 0.00% 0.60 -48.50 -16.51 1.58 -1.05	5.28% 00.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00% 0.00 0.00% 0.00 0.0	5.28% 48.58 0.00% 0.00% 4.00% -48.58 -16.51 1.58 -1.05	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8.00% 8.00% 8.00% 8.00% 8.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00%
Levelised Benefit Rs/KWh 0.58 Levelised Tariff with AD Rs/KWh 9.84	Levelised Benefit #a/KWh 0.58 Levelised Tariff with AD Rs/KWh 9.84	preciation as per Company Lass Particulars consided Depreciation contend Depreciation epreciation as per Income Tax Law pening lossed During the Year lossing conference Depreciation epreciation Securit et Depreciation Secu	Straight Line N Year -> % Lakh Lakh S Lakh Lakh Lakh Lakh Lakh	1 5.26% 48.58 vs Value Mor 100.00% 30.00% 20.00% 780.00 667.42 144.68 0.79 18.28	2 5.28% 48.58 thod @ 80% 20.00% 16.00% 4.00% 147.20 18.42 20.67 1.58	5.28% 48.58 4.05% 3.22% 0.65% 29.44 -29.14 -4.01 1.56 -0.25	5,22% 48,58 1,80% 0,61% 0,68% 5,89 42,69 8,90 1,58 0,57	5.26% 48,58 0.32% 0.32% 0.02% 1.38 -47,40 -9.93 1.54 -0.63	5.28% 44.58 44.58 6.03% 6.03% 6.24 41.34 -10.13 1.58 -0.64	\$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 48.58 0.02% 0.00% 0.00% 0.00 46.57 -10.38 1.58 -0.05	0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.51 1.58	5.28% 48.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.00 -0.00% 1.00 -0.00%	5.28% 48.58 48.58 5.00% 5.00% 6.00% 48.58 16.51 1.58 -1.65	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5,29% 48,58 0,00% 0,00% 0,00% 0,00% 0,00 48,58 -16,51 1,58 -1,05	5.28% 68.58 1.00% 0.00% 0.00% 0.00% 0.60 -48.50 -16.51 1.58 -1.05	5.28% 00.58 0.00%	5.28% 48.58 0.00% 0.00% 4.00% -48.58 -16.51 1.58 -1.05	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8.00% 8.00% 8.00% 8.00% 8.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00%
Levelised Benefit Rs/KWh 0.58 Levelised Tariff with AD Rs/KWh 9.84 Computation Composition Servers (adm)s 167.42 36.62 19.54 42.09 47.40 48.34 48.53 48.37 48.57 48.56 48.58 48.56 48.58 48.5	Levelised Benefit Rs/KWh 0.58 Levelised Tariff with AD Rs/KWh 9.84 L	epreciation as per Company Lass Particulars cooked Depreciation cooked Depreciation content process content of the Particular content of the Particu	Straight Line In Year -> % Stakh Written Dow % % Stakh Lakh Lakh Milas Ru/KWh	1 5.38% 48.53 as value Net 100.00% 20.00% 20.00% 780.10 144.68 0.79 16.28 1.00	2 5.28% 48.58 thod @ 80% 20.00% 16.00% 4.00% 147.20 18.42 20.67 1.58	5.28% 48.58 4.05% 3.22% 0.65% 29.44 -29.14 -4.01 1.56 -0.25	5,22% 48,58 1,80% 0,61% 0,68% 5,89 42,69 8,90 1,58 0,57	5.26% 48,58 0.32% 0.32% 0.02% 1.38 -47,40 -9.93 1.54 -0.63	5.28% 44.58 44.58 6.03% 6.03% 6.24 41.34 -10.13 1.58 -0.64	\$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00% 0.00 46.57 -10.38 1.58 -0.05	0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.51 1.58	5.28% 48.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.00 -0.00% 1.00 -0.00%	5.28% 48.58 48.58 5.00% 5.00% 6.00% 48.58 16.51 1.58 -1.65	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5,29% 48,58 0,00% 0,00% 0,00% 0,00% 0,00 48,58 -16,51 1,58 -1,05	5.28% 68.58 1.00% 0.00% 0.00% 0.00% 0.60 -48.50 -16.51 1.58 -1.05	5.28% 00.58 0.00%	5.28% 48.58 0.00% 0.00% 4.00% -48.58 -16.51 1.58 -1.05	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8.00% 8.00% 8.00% 8.00% 8.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00%
Levelised Tariff with AD Ru/KWh 9.84 x Computation ti Coproporation Benefit (Juhns 167.42 96.02 -15.54 -42.09 -47.40 -48.34 -45.56 -48.37 -48.57 -48.56 -46.58 -48.59 -4	Levelised Tariff with AD Ra/KWh 9.84 x Computation ti Copresistoro Benefit (shifts 167.42 96.62 -19.54 42.09 47.40 48.94 45.58 48.97 48.97 48.96 46.59 48.	Supreciation as per Company Laus Particulars tooked Depositation tooked Depositation Supreciation as per broater Tax Laus Supreciation Supreciation Depreciation Supreciation Depreciation Supreciation Depreciation Bosefit as Benefit Discount Factor Leveliued Benefit	Straight Line h Vesr -5 S Lakh Witten Day S Lakh	1 5.28% 48.38 ws Value Med 100.00% 20.00% 20.00% 20.00% 144.08 0.79 187.43 1.00 8.67	2 5.28% 48.58 thod @ 80% 20.00% 16.00% 4.00% 147.20 18.42 20.67 1.58	5.28% 48.58 4.05% 3.22% 0.65% 29.44 -29.14 -4.01 1.56 -0.25	5,22% 48,58 1,80% 0,61% 0,68% 5,89 42,69 8,90 1,58 0,57	5.26% 48,58 0.32% 0.32% 0.02% 1.38 -47,40 -9.93 1.54 -0.63	5.28% 44.58 44.58 6.03% 6.03% 6.24 41.34 -10.13 1.58 -0.64	\$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00% 0.00 46.57 -10.38 1.58 -0.05	0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.51 1.58	5.28% 48.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.00 -0.00% 1.00 -0.00%	5.28% 48.58 48.58 5.00% 5.00% 6.00% 48.58 16.51 1.58 -1.65	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5,29% 48,58 0,00% 0,00% 0,00% 0,00% 0,00 48,58 -16,51 1,58 -1,05	5.28% 68.58 1.00% 0.00% 0.00% 0.00% 0.60 -48.50 -16.51 1.58 -1.05	5.28% 00.58 0.00%	5.28% 48.58 0.00% 0.00% 4.00% -48.58 -16.51 1.58 -1.05	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8.00% 8.00% 8.00% 8.00% 8.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
**Computation ** ## Computation PereInt (akins 687,42 98,62 -15,14 -42,69 -47,40 48,34 48,57 48,57 48,58 -	**Computation ** ## Computation ## Computation Benefit Lakins ## 144,08 ## 144,08 ## 144,09 ## 144,09 ## 144,09 ## 145,08 ## 145,08 ## 145,08 ## 144,08	repreciation as per Company Laus Particulars tooked Depreciation tooked Depreciation tooked Depreciation to proceed to the Proceed Tax Laus typening typenin	Straight Line h Vesr -5 S Lakh Witten Day S Lakh	1 5.28% 48.38 ws Value Med 100.00% 20.00% 20.00% 20.00% 144.08 0.79 187.43 1.00 8.67	2 5.28% 48.58 thod @ 80% 20.00% 16.00% 4.00% 147.20 18.42 20.67 1.58	5.28% 48.58 4.05% 3.22% 0.65% 29.44 -29.14 -4.01 1.56 -0.25	5,22% 48,58 1,80% 0,61% 0,68% 5,89 42,69 8,90 1,58 0,57	5.26% 48,58 0.32% 0.32% 0.02% 1.38 -47,40 -9.93 1.54 -0.63	5.28% 44.58 44.58 6.03% 6.03% 6.24 41.34 -10.13 1.58 -0.64	\$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00% 0.00 46.57 -10.38 1.58 -0.05	0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.51 1.58	5.28% 48.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.00 -0.00% 1.00 -0.00%	5.28% 48.58 48.58 5.00% 5.00% 6.00% 48.58 16.51 1.58 -1.65	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5,29% 48,58 0,00% 0,00% 0,00% 0,00% 0,00 48,58 -16,51 1,58 -1,05	5.28% 68.58 1.00% 0.00% 0.00% 0.00% 0.60 -48.50 -16.51 1.58 -1.05	5.28% 00.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00% 0.00 0.00% 0.00 0.0	5.28% 48.58 0.00% 0.00% 4.00% -48.58 -16.51 1.58 -1.05	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8.00% 8.00% 8.00% 8.00% 8.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
Computation * **Computation *** **Computation Benefit** **Lish's 887.42 98.62 -15.14 -42.69 -47.40 48.34 48.57 48.57 48.55 48.57 48.56 -45.58 48.59 48.58 -45.58 -4	A Computation ex Computation Service 1.00	Depreciation as per Company Lass Particulars tooked Depreciation Depreciation Depreciation as per Income Yax Law Opening Allowed During the Year Lowing Electric Depreciation Depreciation Benefit Bet Depreciation Benefit Levelined Generation Levelined Benefit Levelined Benefit Levelined Generation	Straight Line h Vese -5 S Lakh Witten Day S Lakh Lakh Lakh Lakh Lakh MUs Routewh MUs MUs Routewh	1 5.28% 48.38 vs Value Med 100.06% 20.00% 20.00% 780.86 vs Value Med 100.06% 20.00% 154.08 ts Value Med 100.07% 154.08 ts Value Med 100.07% 156.28 ts Value Med 100.07% 15	2 5.28% 48.58 thod @ 80% 20.00% 16.00% 4.00% 147.20 18.42 20.67 1.58	5.28% 48.58 4.05% 3.22% 0.65% 29.44 -29.14 -4.01 1.56 -0.25	5,22% 48,58 1,80% 0,61% 0,68% 5,89 42,69 8,90 1,58 0,57	5.26% 48,58 0.32% 0.32% 0.02% 1.38 -47,40 -9.93 1.54 -0.63	5.28% 44.58 44.58 6.03% 6.03% 6.24 41.34 -10.13 1.58 -0.64	\$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00% 0.00 46.57 -10.38 1.58 -0.05	0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.51 1.58	5.28% 48.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.00 -0.00% 1.00 -0.00%	5.28% 48.58 48.58 5.00% 5.00% 6.00% 48.58 16.51 1.58 -1.65	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5,29% 48,58 0,00% 0,00% 0,00% 0,00% 0,00 48,58 -16,51 1,58 -1,05	5.28% 68.58 1.00% 0.00% 0.00% 0.00% 0.60 -48.50 -16.51 1.58 -1.05	5.28% 00.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00% 0.00 0.00% 0.00 0.0	5.28% 48.58 0.00% 0.00% 4.00% -48.58 -16.51 1.58 -1.05	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8.00% 8.00% 8.00% 8.00% 8.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
Computation * **Computation ** **Computation Benefit** Lisk'ns 887.42 98.62 -15.14 -42.69 -47.40 -48.34 -48.51 48.57 48.57 48.58 -48.58	A Computation et Depresiation Benefit (akins 867,42 98,62 -15,14 42,69 47,40 48,34 45,53 48,37 48,57 48,58 4	Supreciation as per Company Lass Particulars tooked Depociation tooked	Straight Line h Vese -5 S Lakh Witten Day S Lakh Lakh Lakh Lakh Lakh MUs Routewh MUs MUs Routewh	1 5.28% 48.38 vs Value Med 100.06% 20.00% 20.00% 780.86 vs Value Med 100.06% 20.00% 154.08 ts Value Med 100.07% 154.08 ts Value Med 100.07% 156.28 ts Value Med 100.07% 15	2 5.28% 48.58 thod @ 80% 20.00% 16.00% 4.00% 147.20 18.42 20.67 1.58 1.31	5.28% 48.58 4.05% 3.22% 0.65% 29.44 -29.14 -4.01 1.56 -0.25	5,22% 48,58 1,80% 0,61% 0,68% 5,89 42,69 8,90 1,58 0,57	5.26% 48,58 0.32% 0.32% 0.02% 1.38 -47,40 -9.93 1.54 -0.63	5.28% 44.58 44.58 6.03% 6.03% 6.24 41.34 -10.13 1.58 -0.64	\$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00% 0.00 46.57 -10.38 1.58 -0.05	0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.51 1.58	5.28% 48.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.00 -0.00% 1.00 -0.00%	5.28% 48.58 48.58 5.00% 5.00% 6.00% 48.58 16.51 1.58 -1.65	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5,29% 48,58 0,00% 0,00% 0,00% 0,00% 0,00 48,58 -16,51 1,58 -1,05	5.28% 68.58 1.00% 0.00% 0.00% 0.00% 0.60 -48.50 -16.51 1.58 -1.05	5.28% 00.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00% 0.00 0.00% 0.00 0.0	5.28% 48.58 0.00% 0.00% 4.00% -48.58 -16.51 1.58 -1.05	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8.00% 8.00% 8.00% 8.00% 8.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
** Depreciation Benefit (akins 687.42 98.62 -19.54 42.69 47.40 48.34 48.58 48.57 48.57 48.56 48.58 48.56 48.58 48.	** Depreciation Benefit Lakins 687.42 98.62 -19.14 42.09 47.40 48.34 48.53 48.37 48.57 48.58 48.	repreciation as per Company Lass Particulars tooked Depociation tooked Depociation topociation as per Income Tax Law pening Ulcosed During the Year Josing torelessed Depreciation perociation Bosefit tel Depreciation Bosefit as Benefit Discount Factor Levelised Benefit Levelised Generation Levelised Benefit	Straight Line h Veer -> Stakh Lakh N S Lakh Lakh Mus Ra/KWh MUs Ra/KWh	1 5.28% 48.58 vs value Nec 100.00% 20.00% 20.00% 770.00 vs 770.00	2 5.28% 48.58 thod @ 80% 20.00% 16.00% 4.00% 147.20 18.42 20.67 1.58 1.31	5.28% 48.58 4.05% 3.22% 0.65% 29.44 -29.14 -4.01 1.56 -0.25	5,22% 48,58 1,80% 0,61% 0,68% 5,89 42,69 8,90 1,58 0,57	5.26% 48,58 0.32% 0.32% 0.02% 1.38 -47,40 -9.93 1.54 -0.63	5.28% 44.58 44.58 6.03% 6.03% 6.24 41.34 -10.13 1.58 -0.64	\$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00% 0.00 46.57 -10.38 1.58 -0.05	0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.51 1.58	5.28% 48.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.00 -0.00% 1.00 -0.00%	5.28% 48.58 48.58 5.00% 5.00% 6.00% 6.00 48.58 16.51 1.58 -1.95	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5,29% 48,58 0,00% 0,00% 0,00% 0,00% 0,00 48,58 -16,51 1,58 -1,05	5.28% 68.58 1.00% 0.00% 0.00% 0.00% 0.60 -48.50 -16.51 1.58 -1.05	5.28% 00.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00% 0.00 0.00% 0.00 0.0	5.28% 48.58 0.00% 0.00% 4.00% -48.58 -16.51 1.58 -1.05	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8.00% 8.00% 8.00% 8.00% 8.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
Depreciation Benefit	Depreciation Benefit Uplish 687.42 98.62 -19.14 -42.69 -47.40 -48.34 -48.53 -48.57 -48.57 -48.58 -48.59	preciation as per Company Lass Particulars colored Depreciation colored Depreciation cepreciation as per Income Tax Law pening libeased During the Year looking conferented Depreciation generated Depreciation generation Secret at Depreciation Secret at Depreciation Secret Discount Factor Levelised Benefit Levelised Generation Levelised Generation	Straight Line h Veer -> Stakh Lakh N S Lakh Lakh Mus Ra/KWh MUs Ra/KWh	1 5.28% 48.58 vs value Nec 100.00% 20.00% 20.00% 770.00 vs 770.00	2 5.28% 48.58 thod @ 80% 20.00% 16.00% 4.00% 147.20 18.42 20.67 1.58 1.31	5.28% 48.58 4.05% 3.22% 0.65% 29.44 -29.14 -4.01 1.56 -0.25	5,22% 48,58 1,80% 0,61% 0,68% 5,89 42,69 8,90 1,58 0,57	5.26% 48,58 0.32% 0.32% 0.02% 1.38 -47,40 -9.93 1.54 -0.63	5.28% 44.58 44.58 6.03% 6.03% 6.24 41.34 -10.13 1.58 -0.64	\$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00% \$.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 48.58 0.00% 0.00% 0.00% 0.00 46.57 -10.38 1.58 -0.05	0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.51 1.58	5.28% 48.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.00 -0.00% 1.00 -0.00%	5.28% 48.58 48.58 5.00% 5.00% 6.00% 6.00 48.58 16.51 1.58 -1.95	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5,29% 48,58 0,00% 0,00% 0,00% 0,00% 0,00 48,58 -16,51 1,58 -1,05	5.28% 68.58 1.00% 0.00% 0.00% 0.00% 0.60 -48.50 -16.51 1.58 -1.05	5.28% 00.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00% 0.00 0.00% 0.00 0.0	5.28% 48.58 0.00% 0.00% 4.00% -48.58 -16.51 1.58 -1.05	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8.00% 8.00% 8.00% 8.00% 8.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
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greate Tax Lakins 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	grende Tax Lukits 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	preciation as per Company Lass Particulars cosked Depreciation coded Depreciation coded Depreciation cereciation as per Income Tax Law pening liboured During the Year looking conference Depreciation generated Depreciation generation Secret et Depreciation Secret at Depreciation Secret to Depreciation Secret to Descount Factor Levelised Benefit Levelised Generation Levelised Benefit Levelised Tariff with AD computation	Straight Line N Verr -> S S Labh S Labh S S Labh M Labh Mus Ra/KWh Ra/KWh	1 5.28% 48.79 ws Value Med 100.00% 80.00% 100.	2 5.29% 48.58 thod @ 80% 20.05% 10.06% 4.00% 4.00% 147.20 18.42 20.47 1.58 3.31 0.95	5,29% 40,58 5,29% 0,60% 25,44 -21,14 -4,00 1,158 -0,25 0,86	5.28% 48.58 1.88% 0.64% 0.64% 5.45 5.45 5.45 42.60 6.50 1.58 6.50 0.78	5.200 48.58 0.32% 0.02% 1.38 47.40 -9.90 1.34 -0.63 0.70	5.28% 48.58 0.01% 0.01% 0.01% 6.24 -40.34 -10.34 -0.54 0.63	1.28% 01.58 01.58 0.00% 0.00% 0.00% -	5.36% 60.58 0.06% 0.06% 0.06% 0.06% 0.06% 0.06% 0.06% 0.06% 0.06% 0.06% 0.06% 0.06% 0.06% 0.06% 0.06% 0.06% 0.06%	5.28% 48.58 1.00% 1.00% 1.00% 1.00% 46.57 -10.38 1.58 -0.65 0.47	3.28% at.58 0.00% 0.00% 0.00% 0.00% -41.50 -35.18 1.54 -0.65 0.42	5.28% 68.58 0.99% 0.99% 0.99% 0.99% 5.00 48.58 -10.51 1.58 -1.05 8.38	5.28% 48.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.26% 48.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5,29% 48.58 0.00% 0.00% 0.00% 0.00 48.18 -16.53 1.58 -1.05 0.28	5.28% 48.58 10.00% 0.00% 0.00% 0.00% 0.00% 19.551 1.58 -1.05 0.25	5.28% 68.58 0.00% 0.00% 0.00% 0.00% 0.00 46.58 -16.51 1.58 -4.05 0.23	5.28% 48.58 0.00% 0.00% 0.00% 0.00 -48.38 -16.51 1.58 -1.65 0.21	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00%	8.00% 8.00% 8.00% 8.00% 8.00% 8.00% 8.00 9.00 9.00 9.00 9.00 9.00 9.00 9.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 1.58 0.00 0.11	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00
		preciation as per Company Lass - Particulars control perceitation contro	Straight Line N Verer-3- % Labh - Witten Day % Labh - Witten Day % % Labh - Labh - Mills - Ra/KWh - Ra/KWh - Ra/KWh	1 5.28% 48.58 49.59 49.5	2 5,29% de.58 thod @ 80% 20,00% 10,00% 14,00% 147,20 18,42 20,67 1,58 1,31 0,55	5,22% 40,58 4,00% 5,22% 0,80% 25,44 4,03 1,56 -0,25 0,86	5.28% db.58 n.sefs 0.64% 0.54% 0.54% 0.55% 5.55 -42.69 0.78 -42.69 0.78	5.28% 48.58 0.38% 0.32% 0.02% 1.38 -47.40 -9.90 1.58 -0.63 0.70	\$.28% 44.58 0.03% 0.03% 0.03% 42.24 10.13 1.58 -0.64 0.63	1.28% 0.138 0.01% 0.00% 0.	5.36% 60.58 0.00% 0.00% 0.00% 0.00% -45.57 -40.18 1.58 0.05 0.00 0.00 0.00 0.00 0.00 0.00 0	5,28% 48,58 1,09% 1,09% 1,09% 1,09% 0,00 42,57 -10,38 1,58 -0,65 0,47	\$.28% 48.58 0.00% 0.00% 0.00% 0.00% 1.50 42.50 -30.18 1.58 -0.65 0.42	5.28% 48.18 0.00% 0.50%	5.28% 48.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.26% 68.58 0.00% 0.00% 0.00% 0.00% -0.00 -16.51 1.56 -16.51 1.56 -1.05 0.11	5,28% 48,58 0,00% 0,00% 0,00% 0,00% 0,00% 0,00 0,00% 0	5.28% 48.58 H.00% 0.00%	5.28% 60.51 0.00% 0.00% 0.00% 0.00% 0.00 0.00% 0.00 0.00% 0.00 0.00% 0.0	5.28% 48.58 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	8.00% 8.00% 8.00% 8.00% 8.00% 8.00 8.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00
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Annex. A..3 Generic Tariff Calculations: Solar PV Plant of more than 500 KWp for JERC territories other than Lakshadweep and Andaman & Nicobar without any Capital Subsidy

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Mary	Generic Solar Tariff for JERC	Regulations V	falid upto 31	1.00.2015 : 0	Srid connec	ted Solar P	V of > 500 k	W Rating																			
Part	Parameter Values for Generic tariff	for Procureme	ent of Power	from Solar R	oof Top Grid	connected K	W Scale																				
Column C	Paramoters	UOM	Value	Parameters			UOM	Value																			
Section Part	Plant Size	MW		W	vorking Capit	talt	Agreement.																				
March Marc	CUF (for UT and Gds)	%	18.00%			OSM	Months	- 1																			
Mary Control Mary	Useful Life of Project	Years	25			Spares	. %	35%	1																		
Control Cont	MNRE Bench Mark Cost / MW	fisians	800			Receivables	Months	2																			
Page Control Page	MNRE Subsidy	- %	154		inte	erest on Wcap	-%	11.21%																			
Second May	Capital Cost / MW without Subsidy	Rs. Lacs/MW	350				44.504	Contracts																			
March Marc		Lakh/MW		06																							
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Marie Connection Marie Marie Connection Marie Marie Marie Connection Marie																											
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Perfection Lake	Net Generation	MUs	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1,58	1.58	1.58	1.58	1.58	1.58	1.58
Peges caling 148	DEM	Labb	17.70	13.00	24.76	10.51	75.37	18.38	2727	10.00	15.10	30.30	C1128	75.60	11.00	76.16	26.80	210.30	70.00	1997887	11.40	25.20	17.61	25.56	47.07	44.71	20.75
Materian (Mate) Materian (Mate) Materian (Materian	- benefit of the second of the	Contract		30410440		2000	POTEN.	35000		20120	APPLANT			48100	9.01110	2001.040	- Foregreen	66100	401111	1,8110-0	4 300000	- 99150	977700	49,444	7781398		35000
Interest Notago Lake										7.491.00				719117.00	22:29	41.09	32.04	11,09	13.74	11.0%	32,54	11/24	13,39	11:54	11,04	131/24	33,34
Mathematic															9.79	7.04	2.63	2.01	106	1.16	9.70	2.25	150	1.61	2.75	1.46	4.00
Test Fixed Cost Name Name	VPM-CACKED-CANCES AND STATE OF THE STATE OF		THE RESERVE AND ADDRESS OF THE PERSON NAMED IN		A COUNTY OF THE PARTY OF THE PA	-	400000		THE RESERVE OF THE PARTY OF THE	-								CONTRACTOR SAFETY									
Name which Tail Name which	The state of the s																										
Discount factor Local Code Co	100011888 0010	Liever	400		4.00		230	240	210		232	-	202	-			- 77			200			100	100		224	
Levellised Tariff Ru/KWh 8.73	Year wise Tariff	Ri/KWh	10,72	10.41	10.10	9.70	9.40	9.18	8.89	8.59	8.30	8.01	8.31	8.04	5.85	5.94	6.04	6.54	6.25	6.37	6,49	6.62	6.75	6.80	7.95	7.21	7.37
Levelland Tariff Ru/KWh B.73	-			19334	The second																						C. and
Depresión of Accelerated Depresión para las estado Depresión (a participa de percentario de perc	Discount Factor		1.000	0.904	0.016	0.738	0.667	0.602	0.544	0.492	6.444	3.481	0.363	0.326	0.296	8,268	0.342	0,218	0.197	0.176	0.361	0.346	0.132	2,119	0.107	0.097	0.088
Depresión o Accelerated Depresión para las estado Depresión (estado de presidente de considerativo de proposition de proposition de proposition de proposition de proposition de proposition (estado de presidente) (estado de presid	Levelland Tariff	B-/KWh	R.73																								
Popular Company Law - Straight Line Herbord & S. 200. 1	and the same	700 11411	217.0																								
Particulars Value					nd mounted	Solar PV Prov	nr Projects)																			
Robbert Depreciation No. 3,28%			Method @ S.	28%		1 1 1 1 1 1	T1 250		720	900	III CP MINI	2-0100	-	E-avi	III NOO CARIN	200-004	210	I STATE OF THE PARTY OF THE PAR	III MARKANIII	02/265	201	HER PARK	III CONCOUNT	2000,000	5.0		HIMANA
Booked Deperciations Lable 19.40			1	2	3		-	and the second second	7	and the second second	MATERIAL PROPERTY.																
Depreciation as per income Tax Lew -Written Deven Value Mericand @ 48% Copyring N 200,00% 2,00% 2,00% 2,00% 0,								110000000000000000000000000000000000000		0.044.44			100000000000000000000000000000000000000				100000000000000000000000000000000000000					11.000					
Comparing No. 100,0076 20,00		-		- Acres	34.60	39.60	39,00	39.60	39.60	39.60	39.60	39,60	39.60	39.60	39.60	39,60	19.60	39.60	39.00	0.00	0.00	0.90	0.00	0.00	9.00	0.90	0.00
Accelerated Design the Year S. \$10.00% 15.00% 2.00% 0.0					Mary mary	a nest	0.000	il total	T de la constitución de la const	in near	a make	or maker		n nest	a man	or make	E 400	E 2000	a man	W 2000	il worth	0.000	a some	W 2000	0 mm	0.0000	a sees
Closing N 20.00% 4.00% 0.00%							The state of the s	The state of the s			THE RESIDENCE OF THE PARTY OF T	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLU			-		THE RESIDENCE AND ADDRESS OF THE PERSON NAMED IN COLUMN 1		CONTRACTOR OF THE PERSON NAMED IN	THE RESIDENCE OF THE PERSON NAMED IN	THE RESIDENCE AND REAL PROPERTY.	The second second		THE REAL PROPERTY.	musicocchin	-	
Accelerated Depreciation Labs #60.00 120.00 24.60 4.80 6.36 0.39 0.04 0.03 0.06 0.06 0.06 0.06 0.06 0.06 0.06				the state of the s					-																		
Depreciation Browlife Lable Sp.48 Sp.4																											
Ref Depreciation Benefit Lakh 560,40 65.40 -15.60 -15.80 -15.80 -34.81 -32.64 -19.41 -29.56 -29.50 -29.60 -29.60 -29.60 -29.60 -39.		Laker	800.00	- 220.00	a-tone.	-1100	9.30	0.13	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	. 0.000	0.00	0.00	. Gree	. 0.00	4.00	9190	. 0.00	. 10000	0.00
Too lineselft Lakin 117.00 56.55 -3.77 -7.29 -8.10 -6.26 -8.20 -8.20 -8.20 -8.20 -8.20 -13.46		Lakh	580.40	80.40	-15.60	-34.80	-38.64	-19.41	-39.56	-39.59	-39.60	-39.60	-89.60	-39.60	-39.60	-39.60	-39.60	-39.60	-39.60	0.00	0.06	0.00	0.00	0.00	3.50	0.00	0.00
Energy Generation Mus 0.79 1.58 1.58 1.58 1.58 1.58 1.58 1.58 1.58		Lakin	117.00	36.65	-3.27	-7.29	-8.10	-1.26	-8.29	-8.30	-8.30	-8.30	-11.45	-11.05	-13.40	-13.46	-13.46	-13:00	-13.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tax Benefit Bu/KWh 14.50 1.07 0.21 0.46 0.51 0.52 0.53 0.53 0.53 0.53 0.53 0.85 0.85 0.85 0.85 0.85 0.85 0.86 0.00 0.00 0.00 0.00 0.00 0.00 0.00			0.79	2000		1.58				1.58	1.58	1/58	1.38	1.58	1.58	1/58		1.38	1.58	1.58	1.56	1.58	1.58	1.58	1.58	1.38	
Discount Factor Levelised Benefit Lakh 7.07 Levelised Generation MUs Levelised Generation MUs Separate Tariff with AD Rs/KWh 8.26 Tax Computation Nat Depreciation Benefit Lakh 500.40 80.47 -13.60 -34.80 -38.84 -39.41 -39.41 -39.51 -39.50 -																											
Levelised Generation MUs 1.50 Levelised Repetit Rs/WWh 0.47 Levelised Tariff with AD Rs/KWh 8.26 Tax Computation Not Deprecation Benefit Leachs 560.40 80.49 -15.60 -54.80 -88.84 -39.41 -99.56 -39.50 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -0.00 0.00 0.00 0.00 0.00 0.00 0.00	Discount Factor		1.00	0.95	0.86	0.78	0.70	0.63	0.57	0.52	0.47	0.42	0.38	0.34	0.31	0.28	0.25	0.21	0.21	0.19	0.17	0.15	0.14	0.11	0.11	0.10	0,09
Levelised Generation MUs 1.50 Levelised Repetit Rs/KWh 0.47 Levelised Tariff with AD Rs/KWh 8.26 Tax Computation Not Depreciation Benefit Leachs 560.40 80.49 -15.60 -54.80 -88.84 -59.41 -99.56 -39.50 -59.60 -59.60 -59.60 -59.60 -59.60 -59.60 -59.60 -59.60 -0.00 0.00 0.00 0.00 0.00 0.00 0.00																											
Levelised Tariff with AD Rs/KWh 8.26 Tax Computation Not Depreciation Benefit Lucius 560.40 80.49 -15.60 -54.80 -38.84 -39.41 -39.54 -39.59 -39.50 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -0.00 0.00 0.00 0.00 0.00 0.00 0.00	Cevelised Benefit	Lakh	7.07																								
Levelised Tariff with AD Rs/KWh 8.26 Tax Computation Not Depreciation Benefit Lucius 560.40 80.49 -15.60 -54.80 -38.84 -39.41 -39.54 -39.59 -39.50 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -0.00 0.00 0.00 0.00 0.00 0.00 0.00	Levelised Generation	MUs	1.50																								
Levelised Tariff with AD Rs/KWh 8.26 Tax Computation Not Depreciation Benefit Lucius 560.40 80.49 -15.60 -54.80 -38.84 -39.41 -39.54 -39.59 -39.50 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -0.00 0.00 0.00 0.00 0.00 0.00 0.00	Levelised Benefit	Rs/KWh	0.47																								
Tex Computation Nat Depreciation Benefit Lestin 560.46 80.40 -15.60 -54.50 -18.64 -39.41 -39.58 -39.59 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -0.00 0.00 0.00 0.00 0.00 0.00 0.00				ė.																							
Net Deprecation Benefit Lakins 560.40 80.40 -15.60 -54.00 -38.64 -39.41 -39.54 -39.53 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -39.60 -0.00 0.00 0.00 0.00 0.00 0.00 0.00	Levelised Tariff with AD	Rs/KWh	8.26																								
MAT Lakin 117.46 16.25 -1.27 -7.29 -8.10 -8.29 -8.20 -8.30 -	Tax Computation																										
Componente Tax UNRYS 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Net Depreciation Benefit	Laths	560,40	80.40	-15.60	-54.80	-38.6	-39.4	-39.36	-39.59	-35.60	-39.60	-39.60	-39.60	-35.60	-39.60	-39.60	-39.80	-39,60	0.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00
	MAT	Lakhs	117.46	16.33	-3.27	-7.29	+8.30	-8.2	1 -0.29	-8.30	-0.30	-0.30	-6.30	-8.30	-8.30	-0.30	-0.30	-8.30	-8.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tax Benefit [Lakhs 117,46 16,85 3.27 7.29 8.10 8.26 8.29 8.30 8.30 8.30 13,46 13,46 13,46 13,46 13,46 13,46 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Corporate Tax	Daketer -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.46	-13.46	-13.46	-13.46	-13.46	+13.46	+13.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Annex. A..4 Generic Tariff CALCULATIONS: Solar PV Plant of more than 500 KWp for Lakshadweep and Andaman & Nicobar

Generic Solar Tariff for JERC !	Regulations V	alid uptn S	.08.2015 : 6	irid cannec	ted Soler Pl	/mf>500 ki	W Rotling																			
braneter Values for Generic tariff																										
Parameters	HOM		Parameters			UOM	Value																			
Plant Size	MW.	1		forking Capit	al:																					
CUF (for UT and Gna)	%	18.00%			OSM	Months	1																			
Useful Life of Project	Years	25			Spares	. %	23%																			
MNRE Bench Mark Cost / MW	Ristans	800			Receivables	Months	2																			
MNRE Subsidy	16	-0%		Inte	rest on Wcap	W	33.21%																			
Capital Cost / MW without Subsidy	Rs. Lecs/ MW	850				17.00	Parameter .																			
Project Cost with Subsidy if any	Lakey/MW	850	Of		(as per JUIC)		12,30																			
Tariff Period	Years.	26			trion for O&M	16	5.72%																			
Debt Portion	%	70%			-1st 12 Years	36	5.88%																			
Equity Portion	14	30%	-De		rom 13th Year	N.	1.54%																			
Debt	Lakh	595			ome Tax Rate	74	33,99%																			
Equity	Lakh	255		Reicizen	e Tax Holiday		10.00																			
Loan Repayment Period	9ears	32			MAT Bate	. %	21%																			
	0.27	and him is			tti iA Benefits		Yes																			
Interest Rate - Loan	%	12.71%		_	WACE	%	10.67%																			
ROS - 1st 30 Years (pretax)	14	20%			ter 2nd year]	- %	0.00%		_																	
ROE from 13th Year (protex)	- %	24%		at to 2nd year		N	0.00%					input requi			14.00											
				rformance (1		N N	100%			Coloured o	on means	output aut	omatically	callucurate	o .											
			Aunitary B	ower Consur	netton	N	0.00%	I.																		
lar PV Project - Grid connected grow	id mounted.																									
Particulars	Year -in	1	72	1	18		8	7			38	25.	12	11	34	197	1.0	17	10	39	20	- 23	22	29	24	25
Module Performance	16	100%	100%	100%	100%	100%	100%	100%	100%	-100%	100%	000%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Net Generation	MUN	1.56	1.58	1.36	1.30	1.56	1.58	1.38	1.56	1.38	1.56	1.50	1.56	1.58	1.38	1.56	1.58	1.38	1.56	1.58	1.34	1.58	1.56	1.58	1.58	1.56
MATCHINE .		1		4	-		-		Marine 11	-			-			-					-			-		-
OSM	Lakh:	12.30	13.00	13.75	14.53	15.57	16.24	17.17	18.16	19.19	20.29	21.45	22.66	23.56	25.35	26.80	28.55	25.55	11.00	33.48	35.39	37.42	39.56	41.82	44.21	46,74
Depreciation	takh	49.5E	49.56	49.56	49,56	49.56	49.56	49.56	49.56	49.56	49.56	49.56	49.56	13.06	13.08	13.08	13.08	13.06	11.08	13.09	13.08	13,48	13.08	13.08	13.6E	13,08
interst on Loan	takh	72.48	66.18	59.88	53.58	47.28	40.98	34.68	28.39	22.09	35.79	9.49	3.19					,								
Interst on Wcap	Lakh	4.56	4.44	4.35	4.20	4.14	4.05	3.97	3.10	1.30	1.72	3.87	3,79	2.97	1.04	3.12	3,20	1.21	3.38	3.46	3.51	3.09	3.81	1.53	4.06	A.20
ROL	Lakh	51,00	51.00	51.00	51.00	51.00	51.00	51.00	51.00	31.00	31.00	61.20	61.70	61.20	61,20	61.20	61.30	81,25	63,30	R1.20	61.20	61.30	61.20	61.20	81.20	61.20
Total Fixed Cost	takh	190	134	179	171	167	162	156	151	546	140	140	140	101	101	104	200	108	109	111	111	115	118	120	121	125
Year wise Tartff	Hs/KWh	12.64	11.68	11.32	10.97	10.61	10.26	9.92	9.58	9.24	8.90	9.21	8.91	6.42	6.51	6.61	6.71	6.82	6.93	7.05	7.18	7.32	7.46	7.63	3.77	7.94
rear wise rattit	may have	35.04	TEM	mag	30.52	Juni	10.20	906	9.56	7.24	0.00	343	6170.	8.42	0.31	a.ed	44.4	9.04	0.99	3,00	F-150	1.00	37,040	7.61	2.55	1.54
Discount Factor		3,000	0.904	0.816	0.736	0.667	0.602	0.544	0.492	0.444	6.421	0.303	0.370	0.796	0.742	0.242	0.218	0.297	0.178	0.161	0.148	0.112	0.119	0.107	D.COT	0.088
and the same of th		-	1000	-	-	-	0.000	-		-	-					-	-	-		0.101	-	10000	-	12.307	-	-
Levelland Tariff	Rs/KWh	9.72																								
	14		-			A 1-1-		1																		
Determination of Accelerated Depos				nd mounted	Solar PV Pow	er.Projects		l:																		
		Method ee 5.	2876	-						_			-	-13	14	_	44.0			_				100	2.6	25
Depreciation as per Company Law		-									Total Control	24						2.74				194	44	28	34	
Particulars	Year P	1	2	1 200	- 4	5	8	7	8.000	9	30	11	10.			15	16	17	18	19	20	23	22			
Particulars Booked Depreciation	Year -> %	1 5.38%	5.26%	3.28%	5.28%	5.28%	5.20%	5.28%	5.28%	5.28%	5.21%	5.38%	5.28%	5.38%	5.28%	5.28%	5.38%	5.28%	0.00%	0.00%	0.00%	0.00%	0.00%	0,00%	0.00%	0.00%
Particulars Booked Depreciation Booked Depreciation	Year -a % Lakh	1 5.38% 44.58	44.88			-										1997	1,000								0.00%	
Particulars Brocked Depreciation Brocked Depreciation Depreciation as per Income Yas Las	Year -> % Lakh v - Written Do	5.38% 44.58 wn Value Ms	41.88 thad gr 80%	3.28% 44.88	5.78% 46.88	5.29% 44.88	5-20% 44.50	5.28% 44.88	3-28% 44.88	5.28% 44.88	5.28% 44.88	5.38% 41.88	5.28% 41.68	5.38% 44.88	5.315 44.88	5.28% 44.88	3.20% 44.88	5.28% 44.88	0.00%	0.00%	0.00%	0.00%	0.00%	0,00%	9,00	0.00%
Particulars Brooked Depreciation Brooked Depreciation Depreciation as per Income fae Law Opening	Year -a % Lakh	1 5.38% 44.58 wn Value Me 300.00%	44.88 thad gr 80% 30,00%	3.28% 44.88 4.00%	5.28% 44.88 0.80%	5.29% 44.88 0.16%	5.28% 44.58 0.05%	5.28% 44.38	3.28% 44.88 0.00%	5.28% 44.88 0.00%	5.28% 44.88 5.00%	5.28% 41.88 0.00%	5.28% 44.68 0.00%	5.38% 44.88 0.00%	5.28% 44.88 0.00%	5.28% 44.88 0.00%	3.28% 44.88 0.00%	5.28% 44.88 6.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00%
Particulars Booked Depreciation Booked Depreciation Depreciation as per Income Yas Law Opening Allowed During the Year	Year -> % Lakh v - Written Do	5.38% 44.58 wn Value Ms	41.88 thad gr 80%	3.28% 44.88 4.00% 3.20%	5.30% 44.88 0.80% 0.64%	5.28% 44.88 0.16% 0.13%	5.20% 44.58 0.05% 0.05%	5.28% 44.88	3-28% 44.88	5.28% 44.88	5.28% 44.88 5.00% 5.00%	5.38% 41.88	5.28% 41.68	5.38% 44.88	5.28% 44.88 6.00% 8.00%	5.28% 44.88	3.20% 44.88	5.28% 44.88 6.00% 0.00%	0.00%	0.00% 0.00 0.00% 0.00%	0.00%	0.00%	0.00%	0,00%	9,00	0.00% 0.00% 0.00%
Particulars Booked Depreciation Booked Depreciation Depreciation as per frooms Tax Lau Opening Allowed During the Year Closing	Year -> % Lakh v-Written Do % %	t 8-38% 44.58 wn Value Mx 300.00% 80.00%	44.88 thad gr 80% 20,00% 26,00% 4,00%	3.28% 44.88 4.00% 1.20% 0.80%	0,80% 0,64% 0,16%	5.28% 44.88 0.16% 0.15% 0.05%	5.28% 44.58 0.05% 0.05% 0.01%	5.38% 44.88 8.01% 0.05% 0.05%	0.00% 0.00% 0.00%	5.38% 44.88 0.00% 0.00%	5.38% 44.88 5.00% 5.00% 5.00%	5.38% 44.88 0.00% 0.00% 0.00%	5.28% 44.68 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	5.28% 44.88 8.00% 8.00% 8.00%	5.28% 44.88 0.00% 0.00% 0.00%	5.28% 44.88 0.00% 0.00% 0.00%	5.28% 44.88 6.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%
Particulars Biocked Depreciation Biocked Depreciation Biocked Depreciation Depreciation Depreciation Depreciation Depreciation Depreciation Allowed During the Year Closing Accelerated Depreciation	Year> % Lakh v - Written Do	\$.38% 44.58 wn Value Ms 100,00% 80,00%	44.88 thad gr 86% 26,00% 26,00%	3.28% 44.88 4.00% 3.20%	5.30% 44.88 0.80% 0.64%	5.28% 44.88 0.16% 0.13%	5.20% 44.58 0.05% 0.05%	5.38% 44.88 6.01% 0.05%	5.38% 64.88 0.00% 0.00%	5.28% 44.88 0.00% 0.00%	5.28% 44.88 5.00% 5.00%	5.28% 44.88 0.08% 0.00%	5.28% 44.68 0.00%	5.38% 44.88 0.00% 0.00%	5.28% 44.88 6.00% 8.00%	5.28% 64.88 0.00% 0.00%	5.28% 44.88 0.00% 0.00%	5.28% 44.88 6.00% 0.00%	0.00% 0.000 0.00% 0.00%	0.00% 0.00 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00%	0.00% 0.00%	0.00% 0.00% 0.00%
Particulars Brooked Depreciation Brooked Depreciation Depreciation as per Income Fax Lax Opening Allowed During the Year Closing Accelerated Depreciation Depreciation Insensit	Year -> % Lakh v-Written Do % %	t 8-38% 44.58 wn Value Mx 300.00% 80.00%	44.88 thad gr 80% 20,00% 26,00% 4,00%	3.28% 44.88 4.00% 1.20% 0.80%	0,80% 0,64% 0,16%	5.28% 44.88 0.16% 0.15% 0.05%	5.28% 44.58 0.05% 0.05% 0.01%	5.38% 44.88 8.01% 0.05% 0.05%	0.00% 0.00% 0.00%	5.38% 44.88 0.00% 0.00%	5.38% 44.88 5.00% 5.00% 5.00%	5.38% 44.88 0.00% 0.00% 0.00%	5.28% 44.68 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	5.28% 44.88 8.00% 8.00% 8.00%	5.28% 44.88 0.00% 0.00% 0.00%	5.28% 44.88 0.00% 0.00% 0.00%	5.28% 44.88 6.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%
Particulars Biocked Depreciation Biocked Depreciation Biocked Depreciation Depreciation Depreciation Depreciation Depreciation Depreciation Allowed During the Year Closing Accelerated Depreciation	Year> % Lakh v-Written Do % % % Lakh	1 5.38% 44.58 wn Value Ms 300,00% 80,00% 20,00% 680,00	41.00 thod gr 80% 30,00% 26,00% 4,00% 136,00	3.28% 44.88 4.00% 1.20% 0.80% 77.20	0,00% 0,60% 0,64% 0,16% 5,44	5.29% 94.88 0.16% 0.15% 0.05% 1.09	5.28% 44.58 0.05% 0.05% 0.01% 0.22	5.28% 44.38 6.01% 0.05% 0.05% 0.05%	3.28% 44.00 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 44.88 8,00% 9,00% 9,00% 9,00% 0,00%	0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 44.68 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	5.28% 44.88 8.00% 8.00% 8.00% 0.00%	5.28% ACM 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 44.88 6.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 6.00 0.00% 0.00% 0.00% 6.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%
Particulars Booked Depreciation Booked Depreciation Booked Depreciation Depreciation as per Income Tax Lau Opening Allowed Dering the Year Closing Accelerated Depreciation Depreciation Beautit Net Depreciation Benefit	Year> % Lakh - Written Do % % % Lakh Lakh Lakh	1 5.32% 44.58 wn Value Ms 300.00% 80.00% 20.00% 680.00 683.12	44.88 thod gr 80% 26.00% 26.00% 4.00% 5.34.00	3.28% 44.88 4.00% 1.20% 0.80% 27.20	5.28% 46.88 0.80% 0.64% 0.16% 5.44	5.29% 64.88 0.16% 0.13% 0.07% 1.09	5.28% 44.68 0.09% 0.09% 0.09% 0.01% 0.22	5.28% 44.88 9.01% 0.05% 0.05% 0.04	5.20% 44.00 0.00% 0.00% 0.00% 0.00 0.00 0.0	5.28% 44.88 0.00% 0.00% 0.00% 0.00%	5.28% 44.88 8.00% 5.00% 0.00% 0.00%	9.00% 9.00% 9.00% 8.00% 8.00%	5.28% 41.68 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 44.88 8.00% 8.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 44.88 6.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 6.00 0.00% 0.00% 0.00% 6.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%
Particulars Bisoloid Depreciation Bisoloid Depreciation Bisoloid Depreciation Depreciation as per Income Yan Law Opening Allowed During the Year Closing Accelerated Depreciation Depreciation Benefit Yan Benefit Tan Benefit	Year → % Lakh v-Written Do % % % Lakh Lakh Lakh	1 5.38% 44.58 wn Value Ms 300.00% 80.00% 20.00% 680.00 683.12 183.12	91.00 20.00% 20.00% 26.00% 4.00% 136.00 91.12 19.10	3.28% 44.88 4.00% 5.20% 5.80% 77.20 -17.66 -3.71	5.78% 4CBB 0.80% 0.64% 0.16% 5.44 -35.44 -8.27	0.16% 0.16% 0.13% 0.07% 1.09 -43.79 -5.18	5.28% 44.59 0.00% 0.00% 0.00% 0.00% 0.27 44.66 -5.36	5.38% 44.88 6.01% 6.05% 6.05% 6.00% 6.04	0.00% 0.00% 0.00% 0.00% 0.00 0.00 44.87 -9.41	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.28% 44.88 5.00% 5.00% 0.00% 0.00%	9.00% 9.00% 9.00% 8.00% 0.00 -44.88 -25.25	5.28% 44.68 0.00% 0.00% 0.00% 0.00 44.88 -15.29	0.00% 0.00% 0.00% 0.00% 0.00%	5.23% 44.88 8.00% 8.00% 8.00% 0.00% 44.88 -15.25	5.28% 44.88 0.00% 0.00% 0.00% 0.00 44.88 -15.25	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 44.28 -15.25	5.28% 44.88 6.00% 0.00% 0.00% 0.00% -44.88 -15.29	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.000	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.000	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%
Particulars Brooked Depreciation Brooked Depreciation Depreciation as per Income Fax Lax Opening Alinased During the Year Closing Accelerated Depreciation Depreciation Benefit Fax Benefit Energy Generation	Year> % Likh v-Written Do % % % Lakh Lakh Lakh	1 5.38% 44.58 Wm Value Ms 100.00% 80.00% 80.00% 685.12 183.12 0.79	91.00 20.00% 26.00% 4.00% 1.14.00 91.12 19.10 1.58	3.28% 44.88 4.00% 5.20% 5.20% 77.20 -17.60 -3.71 1.58	5.28% 64.88 0.60% 0.66% 0.16% 5.44 -15.44 -8.27 1.58	0.16% 0.16% 0.15% 0.07% 1.09 -43.79 -5.18 1.58	5.38% 44.59 0.05% 0.05% 0.05% 0.27 44.66 -5.36 1.38	5.28% 44.88 8.01% 6.05% 6.05% 6.06% 6.04 44.54 -9.40 1.58	0.00% 0.00% 0.00% 0.00% 0.00 44.87 9.41 1.58	0.00% 0.00% 0.00% 0.00% 0.00% 44.88 -3.41 1.54	5.28% 44.88 5.00% 5.00% 0.00% 0.00% 44.88 -9.41 1.38	9.00% 9.00% 9.00% 8.00% 0.00 -44.88 -15.25 1.58	5.28% 44.68 0.00% 0.00% 0.00% 0.00 44.88 -13.29 1.56	0.00% 0.00% 0.00% 0.00% 0.00% -44.88 -15.25 1.58	5.28% 44.88 8.86% 8.86% 8.80% 0.00% 0.00 44.28 -15.25 1.58	5.28% 44.88 0.00% 0.00% 0.00% 0.00 44.88 -15.25 1.58	0.00% 0.00% 0.00% 0.00% 0.00 44.28 -15.25 1.58	5.28% 44.88 0.00% 0.00% 0.00% 0.00% -44.80 -15.25 1.38	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00 1.58	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00
Particulars Booked Depreciation Booked Depreciation Depreciation as per Income Tax Lac Opening Allowed During the Year Closing Aconimetated Depreciation Depreciation Benefit Tax Benefit Tax Benefit Tax Benefit Tax Benefit	Year> % Likh v-Written Do % % % Lakh Lakh Lakh	1 5.38% 44.58 Wm Value Ms 200.00% 80.00% 20.00% 680.00 635.12 158.12 0.79 16.68	91.00% 20.00% 26.00% 4.00% 136.00 91.12 19.10 1.58 1.21	3.28% 44.88 4.00% 5.20% 5.80% 77.20 -17.68 -3.71 1.58 -0.24	5.28% 64.88 0.60% 0.66% 0.16% 5.44 -35.44 -8.27 1.58 -4.52	0.16% 0.16% 0.13% 0.07% 1.09 -43.79 -5.18 1.58 -0.58	5.28% 44.58 0.09% 0.05% 0.01% 0.27 44.60 5.36 1.58 -0.59	5.38% 44.38 9.01% 9.01% 9.05% 9.04 9.40 1.58 -0.60	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5.28% 44.88 5.00% 5.00% 0.00% 0.00% 0.00% 44.83 9.41 1.38 0.00	9.00% 9.00% 9.00% 8.00% 0.00 -44.88 -15.25 1.58 -0.97	9.28% 44.68 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.50 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5.285 44.88 8.005 8.005 0.005 0.00 44.58 -15.25 1.58 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 -44.80 -15.25 1.58 -0.90	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 -44.08 -15.25 1.58 -0.97	5.28% 44.88 0.00% 0.00% 0.00% 0.00% 0.00% 15.25 1.58 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00
Particulars Booked Depreciation Booked Depreciation Depreciation as per frecome Tax Lac Opening Allowed During the Year Cloning Accelerated Depreciation Depreciation Benefit Net Depreciation Benefit Tax Benefit Tax Benefit Tax Benefit	Year> % Likh v-Written Do % % % Lakh Lakh Lakh	1 5.38% 44.58 Wm Value Ms 200.00% 80.00% 20.00% 680.00 635.12 158.12 0.79 16.68	91.00% 20.00% 26.00% 4.00% 136.00 91.12 19.10 1.58 1.21	3.28% 44.88 4.00% 5.20% 5.80% 77.20 -17.68 -3.71 1.58 -0.24	5.28% 64.88 0.60% 0.66% 0.16% 5.44 -35.44 -8.27 1.58 -4.52	0.16% 0.16% 0.13% 0.07% 1.09 -43.79 -5.18 1.58 -0.58	5.28% 44.58 0.09% 0.05% 0.01% 0.27 44.60 5.36 1.58 -0.59	5.38% 44.38 9.01% 9.01% 9.05% 9.04 9.40 1.58 -0.60	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5.28% 44.88 5.00% 5.00% 0.00% 0.00% 0.00% 44.83 9.41 1.38 0.00	9.00% 9.00% 9.00% 8.00% 0.00 -44.88 -15.25 1.58 -0.97	9.28% 44.68 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.50 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5.285 44.88 8.005 8.005 0.005 0.00 44.58 -15.25 1.58 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 -44.80 -15.25 1.58 -0.90	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 -44.08 -15.25 1.58 -0.97	5.28% 44.88 0.00% 0.00% 0.00% 0.00% 0.00% 15.25 1.58 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00
Particulars Brooked Depreciation Brooked Depreciation Depreciation as per Income Tax Lax Opening Altowed During the Year Closing Accelerated Depreciation Depreciation Benefit Tax Benefit Energy Generation Tax Benefit Levelland Benefit Levelland Benefit	Year - a % Light w-Written Do % % % Lakh Lakh Lakh ShUs Ru/Yewh	1 5.38% 44.58 44.58 40.00% 20.00% 680.00 683.12 133.12 6.79 16.58 1.00 8.001	91.00% 20.00% 26.00% 4.00% 136.00 91.12 19.10 1.58 1.21	3.28% 44.88 4.00% 5.20% 5.80% 77.20 -17.68 -3.71 1.58 -0.24	5.28% 64.88 0.60% 0.66% 0.16% 5.44 -35.44 -8.27 1.58 -4.52	0.16% 0.16% 0.13% 0.07% 1.09 -43.79 -5.18 1.58 -0.58	5.28% 44.58 0.09% 0.05% 0.01% 0.27 44.60 5.36 1.58 -0.59	5.38% 44.38 9.01% 9.01% 9.05% 9.04 9.40 1.58 -0.60	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5.28% 44.88 5.00% 5.00% 0.00% 0.00% 0.00% 44.83 9.41 1.38 0.00	9.00% 9.00% 9.00% 8.00% 0.00 -44.88 -15.25 1.58 -0.97	9.28% 44.68 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.50 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5.285 44.88 8.005 8.005 0.005 0.00 44.58 -15.25 1.58 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 -44.80 -15.25 1.58 -0.90	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 -44.08 -15.25 1.58 -0.97	5.28% 44.88 0.00% 0.00% 0.00% 0.00% 0.00% 15.25 1.58 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00
Farticulars Brooked Depreciation Brooked Depreciation Depreciation as per Income Tax Lax Opening Allowed During the Year Closing Accelerated Depreciation Depreciation Benefit Next Depreciation Benefit Energy Generation Tax Benefit Discount Factor	Year -> % Liakh v- Written Do % % % Lakh Lakh Lakh Lakh Mus Ru/KWh Lakh Mus	1 5.11% 44.58 wm Value Ms. 100.00% 80.00% 80.00% 660.00 133.12 133.12 0.79 16.68 1.00 8.001	91.00% 20.00% 26.00% 4.00% 136.00 91.12 19.10 1.58 1.21	3.28% 44.88 4.00% 5.20% 5.80% 77.20 -17.68 -3.71 1.58 -0.24	5.28% 64.88 0.60% 0.66% 0.16% 5.44 -35.44 -8.27 1.58 -4.52	0.16% 0.16% 0.13% 0.07% 1.09 -43.79 -5.18 1.58 -0.58	5.28% 44.58 0.09% 0.05% 0.01% 0.27 44.60 5.36 1.58 -0.59	5.38% 44.38 9.01% 9.01% 9.05% 9.04 9.40 1.58 -0.60	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5.28% 44.88 5.00% 5.00% 0.00% 0.00% 0.00% 44.83 9.41 1.38 0.00	9.00% 9.00% 9.00% 8.00% 0.00 -44.88 -15.25 1.58 -0.97	9.28% 44.68 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.50 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5.285 44.88 8.005 8.005 0.005 0.00 44.58 -15.25 1.58 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 -44.80 -15.25 1.58 -0.90	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 -44.08 -15.25 1.58 -0.97	5.28% 44.88 0.00% 0.00% 0.00% 0.00% 0.00% 15.25 1.58 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00
Particulars Booked Depreciation Booked Depreciation Booked Depreciation Depreciation Depreciation Depreciation Allowed During the Year Closing Accelerated Depreciation Depreciation Benefit Energy Generation Tax Benefit Discount Factor Levelland Benefit Levelland Benefit Levelland Benefit	Year - a % Light w-Written Do % % % Lakh Lakh Lakh ShUs Ru/Yewh	1 5.38% 44.58 44.58 40.00% 20.00% 680.00 683.12 133.12 6.79 16.58 1.00 8.001	91.00% 20.00% 26.00% 4.00% 136.00 91.12 19.10 1.58 1.21	3.28% 44.88 4.00% 5.20% 5.80% 77.20 -17.68 -3.71 1.58 -0.24	5.28% 64.88 0.60% 0.66% 0.16% 5.44 -35.44 -8.27 1.58 -4.52	0.16% 0.16% 0.13% 0.07% 1.09 -43.79 -5.18 1.58 -0.58	5.28% 44.58 0.09% 0.05% 0.01% 0.27 44.60 5.36 1.58 -0.59	5.38% 44.38 9.01% 9.01% 9.05% 9.04 9.40 1.58 -0.60	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5.28% 44.88 5.00% 5.00% 0.00% 0.00% 0.00% 44.83 9.41 1.38 0.00	9.00% 9.00% 9.00% 8.00% 0.00 -44.88 -15.25 1.58 -0.97	9.28% 44.68 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.50 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5.28% 44.88 8.00% 8.00% 8.00% 0.00% 0.00 44.58 45.25 15.25 1.58 6.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 -44.80 -15.25 1.58 -0.90	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 -44.08 -15.25 1.58 -0.97	5.28% 44.88 0.00% 0.00% 0.00% 0.00% 0.00% 15.25 1.58 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00
Particulars Booked Depreciation Booked Depreciation Booked Depreciation Depreciation Depreciation Depreciation Allowed During the Year Closing Accelerated Depreciation Depreciation Benefit Energy Generation Tax Benefit Discount Factor Levelland Benefit Levelland Benefit Levelland Benefit	Year -> % Liakh v- Written Do % % % Lakh Lakh Lakh Lakh Mus Ru/KWh Lakh Mus	1 5.11% 44.58 wm Value Ms. 100.00% 80.00% 80.00% 660.00 133.12 133.12 0.79 16.68 1.00 8.001	91.00% 20.00% 26.00% 4.00% 136.00 91.12 19.10 1.58 1.21	3.28% 44.88 4.00% 5.20% 5.80% 77.20 -17.68 -3.71 1.58 -0.24	5.28% 64.88 0.60% 0.66% 0.16% 5.44 -35.44 -8.27 1.58 -4.52	0.16% 0.16% 0.13% 0.07% 1.09 -43.79 -5.18 1.58 -0.58	5.28% 44.58 0.09% 0.05% 0.01% 0.27 44.60 5.36 1.58 -0.59	5.38% 44.38 9.01% 9.01% 9.05% 9.04 9.40 1.58 -0.60	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5.28% 44.88 5.00% 5.00% 0.00% 0.00% 0.00% 44.83 9.41 1.38 0.00	9.00% 9.00% 9.00% 8.00% 0.00 -44.88 -15.25 1.58 -0.97	9.28% 44.68 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.50 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5.28% 44.88 8.00% 8.00% 8.00% 0.00% 0.00 44.58 45.25 15.25 1.58 6.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 -44.80 -15.25 1.58 -0.90	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 -44.08 -15.25 1.58 -0.97	5.28% 44.88 0.00% 0.00% 0.00% 0.00% 0.00% 15.25 1.58 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00
Particulars Booked Depreciation Booked Depreciation Booked Depreciation Depreciation as per Income Tax Lax Opening Allowed During the Year Closing Accelerated Depreciation Depreciation Remefit Net Depreciation Benefit Energy Generation Tax Benefit Discount Factor Levelland Benefit Levelland Generation Levelland Benefit	Year> % Lish Lish Written Do % % % Lish Mu Lish Mus Ro/Kwh Mu Ro/Kwh	\$180 44.88 WY Value Me 100,000 80,000 600,0	91.00% 20.00% 26.00% 4.00% 136.00 91.12 19.10 1.58 1.21	3.28% 44.88 4.00% 5.20% 5.80% 77.20 -17.68 -3.71 1.58 -0.24	5.28% 64.88 0.60% 0.66% 0.16% 5.44 -35.44 8.27 1.58 -4.52	0.16% 0.16% 0.13% 0.07% 1.09 -43.79 -5.18 1.58 -0.58	5.28% 44.58 0.09% 0.05% 0.01% 0.27 44.60 5.36 1.58 -0.59	5.38% 44.38 9.01% 9.01% 9.05% 9.04 9.40 1.58 -0.60	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5.28% 44.88 5.00% 5.00% 0.00% 0.00% 0.00% 44.83 9.41 1.38 0.00	9.00% 9.00% 9.00% 8.00% 0.00 -44.88 -15.25 1.58 -0.97	9.28% 44.68 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 1.50 1.50 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	5.28% 44.88 8.00% 8.00% 8.00% 0.00% 0.00 44.58 45.25 15.25 1.58 6.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 -44.80 -15.25 1.58 -0.90	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 -44.08 -15.25 1.58 -0.97	5.28% 44.88 0.00% 0.00% 0.00% 0.00% 0.00% 15.25 1.58 -0.97	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00
Particulars Incoked Depreciation Booked Depreciation Booked Depreciation Tax Benefit Energy Generation Tax Benefit Levelized Benefit Levelized Benefit Levelized Depreciation Levelized Sensition Levelized Taxiff with AD Lax Computation	Year> % Lish Lish Written Do % % % % % % % % % % % % Lish Mus Ru/Kwh Mus Ru/Kwh Ru/Kwh	1 44.58 44.58 44.58 44.58 80.00% 80.00% 600.00 600.	94.88 29.09% 26.00% 4.00% 4.00% 134.00 91.12 19.10 1.50 1.21 0.95	3.28% 44.88 4.00% 1.20% 5.80% 97.20 -17.68 -3.71 1.58 -0.24 0.35	5.20% 64.80 0.60% 0.64% 0.10% 1.544 8.27 1.58 4.52 0.70	5.29% 94.88 0.10% 0.13% 0.07% 1.09 -5.18 1.59 -6.58 0.70	0.070 0.075 0.075 0.075 0.27 0.27 44.66 5.35 1.58 0.59	\$.00% 44.88 \$.00%	5.28% 64.88 0.00% 0.00% 0.00% 0.00 0.00 44.87 -5.41 1.58 -0.68 0.52	5.28% 64.88 0.00% 0.00% 0.00% 0.00% 6.00 44.88 44.88 45.447	5.38% 44.88 5.06% 5.06% 0.00 44.50 -9.41 1.38 -0.60 0.42	3.20% 44.88 0.00% 0.00% 0.00% -44.88 -25.25 1.58 -0.97 0.38	5.28% 44.88 0.00% 0.00% 0.00% 0.00% 0.00% 44.38 1.56 -0.92 0.34	5.38% 64.88 0.00% 0.00% 0.00% 44.28 -44.28 -4.28 -4.28 -4.28 -4.28 -4.28	5.28% 44.88 5.00% 5.00% 6.00% 44.88 -44.88 -15.25 1.38 -6.97 0.28	5.28% 64.88 0.00%	5.28% 94.88 0.00% 0.00% 0.00% 0.00% 0.00% 44.28 -15.25 -15.28 -0.21	5.38% 44.88 5.00% 0.00% 0.00% 44.58 -44.58 -15.29 -0.21	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 1.58 0.00 0.10	0.00% 0.00% 0.00% 0.00% 0.00 1.58 0.00 0.00
Particulars Booked Depreciation Booked Depreciation Booked Depreciation Depreciation Depreciation Depreciation Allowed During the Year Closing Accelerated During the Year Closing Depreciation Benefit Set Depreciation Depreciation Depreciation Benefit Tax Benefit Discount Factor Levelland Deneration Levelland Benefit Levelland Deneration Levelland Deneration Levelland Tariff with AD Tax Computation Net Depreciation Benefit	Year -> % Lish Lish - Written Do % % % % % % Lish Mus Ru/KWh Ra/KWh Lish Ra/KWh	# 5.38% 44.58 wm Value Mv 300.00% 80.00% 80.00% 600.00 600	91.12 91.09 150.09 16.009 1.009 1.14.00 91.12 1.50 1.21 0.95	3.25% 44.88 4.00% 1.20% 0.30%	3.2% 44.88 0.60% 0.45% 5.44 -35.44 -32.7 1.58 -4.52 0.78	5.29% 44.88 0.16% 0.19% 0.19% 1.09 43.79 -5.18 1.59 -6.58 0.70 -43.79	\$.20% 44.00 0.00% 0.00% 0.27 44.00 5.36 1.58 0.58 0.63	\$.00% 44.88 9.00% 9.00% 9.00% 9.00 9.40 1.58 -0.60 0.57	\$10% \$4.00 0.00% 0.00% 0.00% 0.00 0.00 0.00 -44.07 -5.41 1.58 -0.60 0.52	5.18% 64.88 0.00% 0.00% 0.00% 6.00 44.58 -3.41 1.58 -0.60 6.47	5.38% 44.88 5.06% 5.06% 6.00% 0.00 44.50 -9.41 1.38 -0.60 0.42	3.28% 44.88 0.00% 9.00% 0.000 -44.88 -25.15 1.58 -0.97 0.38	5.28% 44.88 0.00%	5.38% 64.88 0.00% 0.00% 6.00 6.00 6.00 6.00 6.00 6.	5.00% 6.00% 8.00% 9.00%	5.28% e4.88 0.00% 0.00% 0.00% n.00 44.88 45.23 1.58 -0.90 0.25	3.28% 94.88 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	5.26% 44.88 6.00% 0.00% 0.00% -0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.000 0.00 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00% 0.00% 0.00% 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00
Particulars Booked Depreciation Booked Depreciation Booked Depreciation Depreciation Depreciation Depreciation Depreciation Allowed During the Year Cloning Alconieration Burnefit Net Depreciation Benefit Net Depreciation Benefit Energy Generation Tax Benefit Discount Factor Levelized Benefit Levelized Benefit Levelized Benefit Levelized Benefit Levelized Benefit Levelized Tariff with AD Tax Computation Bet Computation Net Depreciation Benefit MAT	Year> % Lish Lish Written Do % % % % % Lish Mill Lish Mill Ru/KWh Lish Mill Lish Mill Lish Mill Lish Lish Lish Lish Lish Lish Lish Lish	1 5.38% 44.58 44.58 44.58 44.58 80.00% 80.00% 80.00% 600.10 133.12 0.79 16.58 1.20 0.53 1.50 0.53 9.19 660.12 133.12 1.50 0.53	91.12 19.09 15.00 15.00 15.00 15.00 11.12 19.10 1.30 1.21 0.95	3.28% 44.88 4.00% 1.20% 5.30% 5.30% -3.71 1.58 -0.24 0.88	5.2% 64.89 0.60% 0.64% 5.44 -35.44 -2.27 1.58 -6.52 -7.71	5.20% -64.88 0.10% 0.13% 0.13% -6.18 -6.58 -6.70 -6.70	\$ 20% 0.0% 0	\$.00% 44.88 8.00% 8.00% 8.00% 8.00% 9.40 1.53 9.40 0.57	5.09% 64.00 0.00% 0.	\$18% 64.88 0.00% 0	5.28% 44.88 5.00% 5.00% 5.00% 6.00% 9.41 1.38 -0.60 G.42	3.28% 44.88 0.00% 0.00% 0.00% 0.000	5.00% 44.00 0.00% 0.	5.38% 64.88 0.00% 0.00% 6.	5.28% 44.88 5.00% 5.00% 6.000	5.28% 04.88 0.00%	5.28% 94.88 0.00% 0.00% 0.00% 0.00% 0.00% 44.88 45.25 1.58 4.97 0.21	5.38% 44.88 6.00% 0.00% 0.00% 0.00% 0.00% 15.25 1.52 1.52 0.97 0.21	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.000 0.00 1.58 0.00 0.19	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.000 1.58 0.000 0.17	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.007 0.007 0.00% 0.00% 0.00 0.00	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.000 1.58 0.00 0.11	5.00 0.00% 0.00% 5.00 5.00 5.00 5.00 5.0	0.00% 0.00% 0.00% 0.00% 0.00 0.00 0.00
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Annex.B Summary of Various Boundary Parameters of Net Metering

SI.	Particulars	JERC's Standards for Solar Power Generation Plants
1.	Applicable w.e.f.	Immediately when notification is issued.
2.	Eligibility	Consumers with Single or Three Phase supply Connection.
		For Single Phase Consumers, the Distribution Company
		has to take a view of System balancing.
3.	Cap on Banking of Surplus	Thirty (30) % of the Annual generation capacity, banking
	Power	period for electricity a maximum of 12 months, but not
		beyond the end of the Financial Year
4.	Settlement Period	Six Monthly basis on 30 th Sept. & 31 st March of every year
5.	Tariff for Excess Generation	As per Tariff Regulation of this Commission
6.	Restriction on Grid Penetration	Thirty (30)%
	(Distribution Transformer (DT)	
	Capacity)	
7.	REC Eligibility	Allowed as approved by State Nodal Agency, if Solar PV so
		generated is used for in house consumption or sold to the
		distribution company at the Average Cost of Power
		Purchase approved by the Commission for a Specific
		Financial Year.
8.	Maximum System Size at one	500 kWp for Solar Rooftop and higher size can be
	location	considered, if Transformer Capacity allows and Distribution
		Licensee is agreeable because of its system.
		The Ground Mounted Solar Plant can be of any size,
	Total Canacity for analy	subject to the overall MW limits specified
9.	Total Capacity for each licensee	As per these regulations.
10		Any one a consumer or a Project Dayslaner to be
10.	Project Owner	Any one – a consumer or a Project Developer to be decided mutually among themselves.
11	Energy off taker	The distribution company
12.		To be a Prosumer (Producer & a Consumer of Power) or to
12.	or Vacant Space Owners	be a Producer of Solar power.
13.	•	To use it in house / Commercial establishment/ Industrial
15.	Generated or billing on Gross	unit or any eligible entity and feed to the Grid excess so
	metering of Solar Power	produced and have bill adjustment for conventional energy
	Generated.	used during Non-Solar time & Non- Solar Days on Net
	Gonoratou.	Metering. Or Sell the Solar Power to the Grid with Gross
		Metering.
		o.tog.

Annex.C Energy Meter(s), Voltage level Harmonics, Standards: Harmonics & Inverter

Energ	Energy Meter(s) Details											
SI.	Meter Description	Accuracy	Load of Consumer	Voltage Level								
	Single Phase 10-60 A, whole current	Class-I	Up to 10 kW	Single Phase LT 230 V								
1				System Stability: to be examined by the Distribution Licensee								
2	3 Phase 10-60 A, whole current	Class-I	More than 10kW & up to 25 KW	Three Phase LT 440 V								
3	LT AC 3-Phase 4- Wires CT operated static DLMC compliant energy meter	Class- 0.5s or better	More than 25 kW & up to 100 KW	Three Phase LT 440 V								
4	HT TPT Meter, DLMS Compliant & AMR Compatible	Class- 0.5s or better	Above 100 kW and up to 4MWp	Three Phase HT (11 KV)								
5	HT TPT Meter, DLMS Compliant & AMR Compatible	Class- 0.5s or better	More than 4MWp	Three Phase HT (11/22/33 KV) as per site availability								

As per the standard of IEEE 519, the permissible individual harmonics level shall be less than 3% (for both voltage and current harmonics) and Total Harmonics Distortion (THD) for both voltage and current harmonics of the system shall be less than 5%.

Inverter Standards

Inverter should comply with IEC 61683/IS 61683 for efficiency and Measurements and should comply IEC 60068-2 (1, 2, 14, 30) / Equivalent BIS Standard for environmental testing. Inverter should supervise the grid condition continuously and in the event of grid failure (or) under voltage (or) over voltage, Solar System should be disconnected by the circuit Breaker / Auto switch provided in the Inverter.

	Various Other Standards								
SI.	Parameter	Reference	Requirements						
1.	Overall conditions of service	State Distribution/Supply Code	State Distribution/Supply Code						
2.	Overall Grid Standards	Central Electricity Authority (Grid Standard) Regulations 2010	Central Electricity Authority (Grid Standard) Regulations 2010						
3.	Equipment	BIS / IEC / IEEE	BIS / IEC / IEEE						
4.	Meters	Central Electricity Authority (Installation & operation of meters) Regulation 2006 as amended time to time	Central Electricity Authority (Installation & operation of meters) Regulation 2006 as amended time to time						
5.	Safety and supply	Central Electricity Authority(measures of safety and electricity supply) Regulations, 2010	Central Electricity Authority(measures of safety and electricity supply) Regulations, 2010						

	Harmonic	IEEE 519	IEEE 519
	Requirements	CEA (Technical Standards for Connectivity of the Distributed	CEA (Technical Standards for Connectivity of the Distributed
6.		Generation	Generation Resources)
	Harmonic Current	Resources) Regulations 2013.	Regulations 2013.
		 IEEE 519	Solar System must be equipped with
		CEA (Technical Standards for	a grid frequency synchronization
7.	Synchronization	Connectivity of the Distributed Generation Resources)	device. Every time the generating station is synchronized to the
	, ,	Regulations 2013	electricity system. It shall not cause
			voltage fluctuation greater than +/- 5% at point of connection.
		IEEE 519	The voltage-operating window
		CEA (Technical Standards for Connectivity of the Distributed	should minimize nuisance tripping and should be under operating
8.	Voltage	Generation Resources)	range of 80% to 110% of the
	3.0	Regulations 2013	nominal connected voltage. Beyond a clearing time of 2
			second, the Solar System must
		IEEE 519	isolate itself from the grid. Operation of Solar System
		CEA (Technical Standards for	should not cause voltage flicker in excess of the limits stated in
9.	Flicker	Connectivity of the Distributed Generation Resources)	IEC 61000 standards or other
		Regulations 2013	equivalent Indian standards, if any.
		IEEE 519	When the Distribution system
		CEA (Technical Standards for Connectivity of the Distributed	frequency deviates outside the specified conditions (50.5 Hz on
10.	Frequency	Generation Resources)	upper side and 47.5 Hz on lower
	,	Regulations 2013	side), There should be over and under frequency trip functions with
			a clearing time of 0.2 seconds.
		IEEE 519	Solar System should not inject
		CEA (Technical Standards for Connectivity of the Distributed	DC power more than 0.5% of full rated output at the
11.	DC injection	Generation Resources)	interconnection point or
		Regulations 2013	One (1) % of rated inverter output current into distribution system
			under any operating conditions.
		IEEE 519 CEA (Technical Standards for	While the output of the inverter is greater than 50%, a lagging power
12.	Power Factor	Connectivity of the Distributed	factor of greater than 0.9 should
		Generation Resources) Regulations 2013	operate.
		IEEE 519	The Solar System in the event of
10	Islanding and	CEA (Technical Standards for Connectivity of the Distributed	fault, voltage or frequency variations must island/disconnect
13.	Disconnection	Generation Resources) Regulations 2013	itself within IEC standard on
		i iegulations 2013	stipulated period.

14.	Overload and Overheat	IEEE 519 CEA (Technical Standards for Connectivity of the Distributed Generation Resources) Regulations 2013	The inverter should have the facility to automatically switch off in case of overload or overheating and should restart when normal conditions are restored.
15.	Paralleling Device	IEEE 519 CEA (Technical Standards for Connectivity of the Distributed Generation Resources) Regulations 2013	Paralleling device of Solar System shall be capable of withstanding 220% of the normal voltage at the interconnection point.
16.		amendments/revisions from time to and the State Agency on respective	

Annex.D Meter Configuration options

The metering system for solar power generation system, under net-metering or gross metering as per Solar Power Developer's Option, shall be advised by the distribution licensee.

In case of net metering the Net-meter has to be bi-directional meter to register both import grid electricity amount as well as export solar electricity amount.

Annex.E RPO Targets / Requirements As applicable for 2014-15 & Tentative Requirements for further Years up to FY 2016-17

SI	Solar RPOs % of the Sale of Power	goa	σ A&N	o Chandigarh	۵ Daman & Diu	HNO e		- Lakashdweep	ω Puducherry
		Sal	e of Powe	r Mn. Units	& Equivale	nt MW	whe	ere indica	ated
1		3078.09	231.49	1423.46	2083.87	5387.7	71	48.77	2545.00
				Solai	RPOs in K	Wh.			
2	0.6% of Sales for FY2014-15	18468.54	1388.94	8540.76	12503.22	32326	.26	292.62	15270.00
	Indicative Eq. MW of	11.54	0.87	5.34	7.81	20.20		0.18	9.54
3	Solar Plant 2014-15	MW	MW	MW	MW	MW		MW	MW
4	0.85% of Sales for FY 2015-16	26163.77	1967.67	12099.41	17712.90	45795	.54	414.55	21632.50
5	Indicative Eq. MW of	16.35	1.23	7.56	11.07	28.62		0.26	13.52
3	Solar Plant 2015-16	MW	MW	MW	MW	MW		MW	MW
6	1.15% of Sales for	35398.04	2662.14	16369.79	23964.51	61958	.67	560.86	29267.50
	FY 2016-17	00.10	1.66	10.23	14.98	38.72		0.25	18.29
7	Indicative Eq. MW of Solar Plant 2016-17	22.12 MW	1.66 MW	10.23 MW	14.98 MW	38.72 MW		0.35 MW	18.29 MW
8	And so on for Years up	to FY 2021	-22		•				

Minimum Quantum

of Renewable

Financial Purchase

Year Obligations (RPO)

Solar RPOs %

2014-15	0.60
2015-16	0.85
2016-17	1.15
2017-18	1.50
2018-19	1.85
2019-20	2.20
2020-21	2.60
2021-22	3.00

Annex.F Setting-up Grid Interactive Solar Plants: Time lines

Solar Power Developer (Customer) Approaches the Designated Officer of the Distribution Licensee who will issue letter of approval in 15 working days after assessing the transformer capacity and Connection arrangement and the Solar Power developer will set up the Solar Roof Top in 180 days from the date of approval by the licensee. For Ground mounted projects the Solar Power developer can take time up to 365 days from the date of approval. The Solar Power developer failing to meet these deadlines will have to seek fresh approval.

Customer sets up the Solar Plant and Submits the Completion report to designated officer of the Distribution licensee along with Single Line diagram of the Solar Project, which shall be verified by the Distribution licensee within 10 working days in respect of Site verification, installation, sealing & initial reading of energy meter(s).

	Application Format	
To		Date:
The Section Officer/Designated Officer		
Distribution Licensee		
[Name of office]		

I / We herewith apply for a Solar Energy Gross Metering / Net-metering / bi-directional metering Connection at the service connection for the Solar PV Project of which details are given below:

Con	nection at the service connection for the Solar PV	Project of which details are given below:
Sl.	Details Required	Details Furnished
1.	Name of Applicant	
2.	Address of applicant	
3.	Service connection number	
4.	If there is Electricity Connection in the name	
• •	of the applicant, please provide details	
5.	Is it for an individual premises or for a Group/	
٦.	Society	
6.	Land Line Number(s)	
7.	Mobile Phone Number	
8.	Email Contact if available	
9.	Solar Plant Capacity kWp	
10.	Solar Inverter make & type	
11.	Solar PV Project inverter has automatic	
11.	isolation protection (Y/N)?	
12.	Has a Solar Generation Meter been installed	
12.	(Y/N)?	
13.	Expected date of commissioning of Solar PV	
15.	Project	
14.	Concerned safety requirement fulfilled (Y/N)	_
15.	Any other information desired by the	
13.	Distribution Licensee	

DECLARATION

I do hereby declare that the information furnished above is true to my knowledge and belief.

Signature with Name: Position if on behalf of a Group or a Society Address:

Annex.G Indicative PPA between the Solar Project Developer & the Distribution Licensee

This is a document with indicative clauses is to be signed between the Solar Project Developer intending to sell Solar Power to the Distribution Licensee. The document may be examined by the respective parties before signing. The Commission does not interfere in the process of the PPA provided it is fair to the Consumer, Licensee and motivates the developer of the Project thus attracting Investment into the sector for its development. A document duly initialled by both the parties will be submitted to the Commission for approval by the Commission.

The PPA may include various clauses including but not limited to the following clauses for smooth operation of the PPA and may also include provisions in the interest of Consumer for getting Competitive tariff in terms of the Electricity act.

Solar Power Plant Developer (SPD) shall obtain all Consents, Clearances and Permits required for supply of power to the Distribution Licensee and Solar Power Generator (SPG), after the plant is commissioned by the SPD, will comply with various terms of this Power Purchase Agreement (PPA);

Definitions and Interpretations for Solar Power Sale

1. **Definitions and Interpretations**: In this PPA, unless the context otherwise requires means the following:-

All the definitions in this regulation or any other applicable for the PPA may be indicated here.

2. Tariff Period

Tariff period under this Tariff Order for solar PV power projects shall be twenty five (25) years and shall be reckoned from the date of commercial operation of the solar PV power projects.

3. Tariff Applicable

The tariff for grid-connected Solar PV power project / Rooftop (as applicable) is single part tariff and is fixed as Rupees/ kWh(as per Tariff approved by the Commission for a specific year).

4. Dispatch Basis

This being a grid-connected solar PV power project shall be treated as 'MUST RUN' power plant and shall not be subjected to 'merit order dispatch basis by the Licensee.

5. Quantum of Purchase of Electricity from Solar Power Plant

The quantum of purchase of power from solar PV power project under this PPA will beMn Units / annum.

- 6. Financial principles & technical parameters: To be decided by(To be decided by the Distribution Licensee)
- 7. **Depreciation** shall be chargeable from first year of commercial operation.
- 8. **Part Financial Year Depreciation**: Provided that in case of the commercial operation of the asset for part of the year, depreciation shall be charged on pro-rata basis.
- 9. Tariff of Solar Power Plant with Accelerated Depreciation / Without Accelerated Depreciation (Strike out the not applicable) shall be applicable.

- 10. **Expected date of Commission:** This Tariff order assumes that Project will be commissioned in the quarter of the FY
- 11. **Technology**: As are approved by the Ministry of New and Renewable energy of Government of India under the Scheme.

12. Metering, Billing and Payment

- I. Metering Arrangement Repeated as per these
- II. Metering arrangement for the Project Proposed by the being Grid Connected shall be in accordance with:
 - a. Joint Electricity Regulatory Commission for the state of Goa and Union Territories (Solar Power - Grid Connected Ground Mounted and Solar Rooftop and Metering Regulations – 2014) and Solar Power Tariff
 - b. Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 as amended from time to time:
 - c. Joint Electricity Regulatory Commission (Grid Code) Regulations as amended from time to time;
 - d. JERC (Supply Code and Performance Standards) Regulations, as amended from time to time.
- III. Solar energy exported by the Solar PV power SPG shall be metered for billing purpose through the meter designated as 'Solar Meter'. Such a Solar Meter shall meet the technical requirements/specifications of applicable category of an 'interface meter' defined in Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 as amended from time to time.
- IV. It shall be the responsibility of the Distribution Licensee to verify the meter readings billed by the Solar Power Generator.
- V. Periodicity of testing, checking, calibration etc., shall be governed by the Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 as amended from time to time.

13. Billing and Payment

Billing of the energy shall be carried out on monthly / bi- monthly basis.

Solar SPG shall raise the bill to the Distribution Licensee on above periodicity for the energy supplied.

Rebate

Rebate % to be indicated if paid earlier that time lines drawn for the Payment release

14. Capital Subsidies

Capital Subsidy/Incentive by the Central/State Government, as available to be specified if availed

Accelerated depreciation benefit availing or not or not.

In case any such benefit is being obtained by the SPG, or in case any benefit is announced later by any of the authorities or any material fact is not indicated by the SPG at this stage and found later the commission has right to re-determine the Tariff

Provided that the following principles shall be considered for ascertaining income tax benefit on account of accelerated depreciation, if availed, for the purpose of tariff determination.

15. Taxes and Duties

Tariff fixed under this PPA shall be exclusive of taxes and duties on sale of power as may be levied by the appropriate Government. Provided that the taxes and duties levied by the appropriate Government / administration shall be allowed as pass through on actual incurred basis.

16. Sharing of CDM Benefits

As per the Regulations

17. Investment in the Grid Augmentation

The cost of any augmentation required after the interconnection point in the system of the Distribution Licensee shall be borne by the concerned Distribution Licensee.

Provided that fixed charges associated with such investments like depreciation, interest charges, return on equity etc. as may be approved by the Commission, shall be a pass through in the Annual Revenue Requirement of such Distribution Licensee.

Procedures for Interconnectivity with the Grid

The SPD setting up solar PV power project shall apply to the Distribution Licensee for connectivity with the distribution network system in the format/(s) as may be specified by the Commission.

The timelines for grant of connectivity shall be as under:

- (a) Distribution Licensee shall within days of receipt of application from the SPG, intimate (to Project Developer and the Commission) whether the Project can be connected to the grid without further system strengthening and take steps to allow connectivity within days of such intimation.
- (b) If system strengthening or grid augmentation is required, the Distribution Licensee shall intimate the same to the SPG and the Commission within 30 days of receipt of application of the SPG. In such a case, interconnection of the SPG to the grid shall be established within of such intimation.
- (c) The Distribution Licensee shall not be liable to pay any compensation to the SPG for deemed generation benefits in case the Distribution Licensee is unable to absorb the power due to the reasons which are beyond his control.

18. Communication Facilities

All grid connected solar PV power projects shall have meters with features to record energy for 45 days data storage for injection into the grid through solar meter as provided under these Regulations. All projects with capacity 25 kWp and above shall have communication Port for exchanging real time information with the Distribution Licensee. For plant size of One (1) MWp and above the Communication will be with State Load Despatch Centre (SLDC) also in addition to the Distribution Licensee.

19. Power Quality & Protection and Controls

Power Quality & Protection and Controls shall conform to the standards specified in the CEA (Technical Standards for connectivity to the grid) Regulations, 2007 applicable to the distribution system as amended from time to time.

20. Third Party Sale

The Commission allows third party sale of the energy generated through the solar PV sources provided the buyer and the seller are in the same territory. However, the buyer of the power will be levied the cross subsidy for the units of power bought, if the same are applicable for the buyer for grid power supply. The rate of Cross subsidy rate will be same as applicable to the buyer of the Power even without buying Solar Power.

21. Power to Remove Difficulties

In case of any difficulty in giving effect to any of the provisions of this Tariff Order, the Commission may by general or special order, issue appropriate directions to the SPGs, Distribution Licensee(s) etc., to take suitable action, not being inconsistent with the provisions of the Act, which appear to the Commission to be necessary or expedient for the purpose of removing the difficulty.

The SPD or/and the Distribution Licensee may make an application to the Commission and seek suitable orders to remove any difficulties that may arise in implementation of this Tariff Order.

22. Interpretation

If a question arises relating to the interpretation of any provision of this Tariff Order, the decision of the Commission shall be final.

- 23. The SPD shall make adequate arrangements to connect the Solar Power Project switchyard with the Interconnection Facilities at the Delivery Point;
- 24. A provision for Evacuation of Power or utilisation elsewhere, in case the Grid is under maintenance or is not available for Technical reasons or a Force Majeure Condition to avoid financial liability of the Distribution Licensee.
- 25. The SPD shall sign a Transmission Agreement with STU (if required) for Solar Projects of One (1) MWe and above confirming the evacuation and connectivity of the STU system up to the delivery point of SPD by the Scheduled Commissioning date;
- 26. The SPD shall produce the documentary evidence of the clear title and possession of the acquired land as required in the name of SPD;
- 27. SPD's Scope: Designing, constructing, erecting, commissioning, completing and testing the Power Project in accordance with the applicable Law, the Grid Code, the terms and conditions of this Agreement and Prudent Utility Practices.
- 28. The SPD shall be required to obtain all information with regard to the Interconnection Facilities as is reasonably necessary to enable it to design, install and operate all interconnection plant

and apparatus on the SPD's side of the Delivery Point to enable delivery of electricity at the Delivery Point.

- 29. The Distribution Licensee at any time during a Contract Year, shall not be obliged to purchase any additional energy from the SPG beyond Million kWh (MU)
- 30. If for any Contract Year, for Solar projects of ... and above it is found that the SPG has not been able to generate minimum energy ofMillion kWh (MU) ,the noncompliance by SPG shall make SPG liable to pay the compensation provided in the Power Sales Agreement (PSA) as payable to the Distribution Licensee and shall duly pay such compensation to the Distribution Licensee to enable the Distribution Licensee to Compliance of Solar Power RPO . This compensation shall be applied to the amount of shortfall in generation during the Contract Year. The amount of compensation shall be computed at the rate equal to the compensation payable by the the Distribution Licensee towards non-meeting of RPOs, subject to a minimum of% of the applicable tariff.
- 31. If the SPD is unable to commence supply of power to the Distribution Licensee) by the Scheduled Commissioning Date other than for the reasons specified in Article ,,,,,,,, the SPG shall pay to the Distribution Licensee , Liquidated Damages for the delay in such commencement of supply of power and making the Contracted Capacity available for dispatch by the Scheduled Commissioning Date as per the following:
- a. Delay up to one (1) month Distribution Licensee will encash% of total Performance Bank Guarantee.
- b. Delay of more than one (1) month and up to two months the Distribution Licensee will encash% of the total Performance Bank Guarantee.
- c. Delay of more than two and up to three months the Distribution Licensee will encash the remaining Performance Bank Guarantee.
- 32. The third party may carry out checks for testing the CUF of the Power Project. During a Contract Year, if the CUF of the Power Project is found to be below for a consecutive/non-consecutive period of three (3) months during a Contract Year on account of reasons solely attributable to SPG, the SPG shall be liable for non-fulfilment of its obligation.
- 33. The liability shall be equal to the amount levied by the Distribution Licensee for non-compliance of Solar RPOs or any loss incurred by the Distribution Licensee due to the same, whichever is higher,
- 34. The Solar Power Project shall be required to maintain compliance to the applicable Grid Code requirements and directions, if any, as specified by concerned SLDC/RLDC from time to time.
- 35. For installation of Meters, Meter testing, Meter calibration and Meter reading and all matters incidental thereto, the SPG and Distribution Licensee shall follow and be bound by the Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006, the Grid Code, as amended and revised from time to time.
- 36. The SPG shall bear all costs pertaining to installation, testing, calibration, maintenance, renewal and repair of meters at SPG's side of Delivery Point. The grid connected solar PV plants will

install necessary equipment for regular monitoring of solar irradiance (including DNI), ambient air temperature, wind speed and other weather parameters and simultaneously for monitoring of the electric power generated from the plant.

- 37. Online arrangement would have to be made by the solar power developer for submission of above data regularly for the entire period of this Power Purchase Agreement to the MNRE/IREDA for up-dating of its records.
- 38. Reports on above parameters on quarterly basis shall be submitted by the solar power developer to JERC/ Distribution basis through the Distribution Licensee for entire period of PPA.
- 39. The SPG shall effect and maintain or cause to be affected and maintained, at its own cost and expense, throughout the Term of PPA, Insurances against such risks, with such deductibles and with such endorsements and co-insured(s), which the Prudent Utility Practices would ordinarily merit maintenance of and as required under the Financing Agreements.
- 40. In case of any change in Law during the tenure of the PPA, the aggrieved Party shall be required to approach the Hon'ble JERC for seeking approval of Change in Law.
- 41. The decision of the Hon'ble JERC to acknowledge a Change in Law and the date from which it will become effective, provide relief for the same, shall be final and governing on both the Parties.
- 42. The occurrence and continuation of any of the following events, unless any such event occurs as a result of a Force Majeure Event or a breach by Distribution Licensee of its obligations under this Agreement, shall constitute a SPG Event of Default:
- (i) the failure to commence supply of power to Distribution Licensee up to the Contracted Capacity, by the end of the period specified in Article, or
 - a) the SPG assigns, mortgages or charges or purports to assign, mortgage or charge any of its assets or rights related to the Power Project in contravention of the provisions of this Agreement; or
 - b) the SPG transfers or novates any of its rights and/ or obligations under this agreement, in a manner contrary to the provisions of this Agreement; except where such transfer is in pursuance of a Law; and does not affect the ability of the transferee to perform, and such transferee has the financial capability to perform, its obligations under this Agreement or is to a transferee who assumes such obligations under this Agreement and the Agreement remains effective with respect to the transferee;
- (ii) if (a) the SPG becomes voluntarily or involuntarily the subject of any bankruptcy or insolvency or winding up proceedings and such proceedings remain uncontested for a period of thirty (30) days, or (b) any winding up or bankruptcy or insolvency order is passed against the SPG, or (c) the SPG goes into liquidation or dissolution or has a receiver or any similar officer appointed over all or substantially all of its assets or official liquidator is appointed to manage its affairs, pursuant to Law,

Provided that a dissolution or liquidation of the SPG will not be a SPG Event of Default if such dissolution or liquidation is for the purpose of a merger, consolidation or reorganization and where the resulting company retains creditworthiness similar to the SPG and expressly assumes all obligations of the SPG under this Agreement and is in a position to perform them; o

- (iii) the SPG repudiates this Agreement and does not rectify such breach within a period of thirty (Thirty (30)) days from a notice from the Distribution Licensee in this regard; or except where due to any the Distribution Licensee's failure to comply with its material obligations, the SPG is in breach of any of its material obligations pursuant to this Agreement, and such material breach is not rectified by the SPG within thirty (Thirty (30)) days of receipt of first notice in this regard given by the Distribution Licensee).
- 43. Occurrence of any other event which is specified in this Agreement to be a material breach/default of the SPG.
- 44. Where any Dispute (a) arises from a claim made by any Party for any change in or determination of the Tariff or any matter related to Tariff or claims made by any Party which partly or wholly relate to any change in the Tariff or determination of any of such claims could result in change in the Tariff, or (b) relates to any matter agreed to be referred to the Hon'ble JERC,

45. Other Clauses to be suitably included in the PPA:
