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**MADHYA PRADESH ELECTRICITY REGULATORY COMMISSION**

**BHOPAL**

**Sub: Petition under Section 63 of the Electricity Act, 2003 for adoption of tariff of Grid Connected Solar PV Systems selected through competitive bidding process for sale of power within the State in terms of the Surya Mitra Krishi Feeder Scheme with feeder solarization component under Guidelines for Implementation of Pradhan Mantri Kisan Urja Suraksha Evam Utthaan Mahaabhiyaan (PM KUSUM) Scheme (Office Memorandum F.No. 32/645/2017-SPV Division) issued by the Ministry of New and Renewable Energy, Government of India on 17.01.2024.**

**ORDER**

**(Date of Order:21.04.2026)**

**MP Urja Vikas Nigam Ltd.,**

Urja Bhawan, Link Road No. 2,  
Shivaji Nagar, Bhopal (MP)-462016

- **Petitioner**

**Vs.**

**Managing Director,**

MP Power Management Co. Ltd.,  
Shakti Bhawan, Vidyut Nagar,  
Rampur, Jabalpur - 482008

- **Respondent**

Shri Devashish Mathur, Advocate appeared on behalf of the petitioner.

Shri Manoj Dubey, Advocate appeared on behalf of the Respondent.

The subject petition is filed by MP Urja Vikas Nigam Ltd., Under Section 63 of the Electricity Act, 2003.

2. By affidavit dated 30<sup>th</sup> January' 2025, the petitioner broadly submitted the following in its petition:
  - i. The Petitioner, Madhya Pradesh Urja Vikas Nigam Ltd. (hereinafter referred to as "MPUVNL"), was established by the Government of Madhya Pradesh in 1982 as the Nodal Agency for implementing various programs and policies of the Government of India, which now includes the KUSUM-C Scheme. The primary objective of MPUVNL is to promote implementation and create awareness about Solar, Wind, Biomass, Biogas, Renewable Energy and energy efficient products based various technologies.
  - ii. That, the Respondent, Madhya Pradesh Power Management Company Ltd. (hereinafter referred to as "MPPMCL") is a government owned company incorporated under the Companies Act, 1956. The Respondent is a distribution licensee within the meaning of the Electricity Act, 2003 and is engaged inter alia in the business of supply of electricity to the consumers within its area of supply.

The Respondent has provided its consent to procure power from the solar PV systems proposed to be developed under the present KUSUM-C Scheme.

- iii. The Petitioner, through the instant Petition is seeking the adoption of tariffs discovered through the transparent competitive bid process for selection of solar based power plants connected to 33/11 kV substations ("Bid Process") for sale of power to MPPMCL at various locations in the State of Madhya Pradesh.
- iv. The Bid Process had been initiated, in terms of the Surya Mitra Krishi Feeder Scheme (SMKFS) with feeder solarization component under Guidelines for Implementation of Pradhan Mantri Kisan Urja Suraksha Evam Utthaan Mahaabhiyaan (PM KUSUM) Scheme (Office Memorandum F. No. 32/645/2017-SPV Division) issued by the Ministry of New and Renewable Energy, Government of India on 17.01.2024 (hereinafter, collectively, "Feeder Solarization Program" or "FSP").
- v. It is pertinent to note that the Bid Process was planned to set up grid connected solar power projects for sale of solar power to MPPMCL, at various locations in the State under the Feeder Solarization Program (FSP). Pursuant to it, the Petitioner floated RFP No. F/UVN/2024/KUSUM-C/V/ 5183 dated 11.02.2025 with the addenda and corrigenda for selection of **Successful Bidders/ Renewable Power Generators (RPGs)** against identified substations. This tender was floated for the selection of RPGs for installation of 1200 MW CFA equivalent grid connected solar power plants (SPPs), excluding solar power projects already selected in previous tender.
- vi. The Bid Process for the said Tender was conducted online through a transparent process in consonance with the FSP orders and guidelines issued by Govt. of Madhya Pradesh and MNRE. The Bid Process was subscribed to an extent of about 20160 MW. The Bidding Process was successfully concluded on 20.12.2025, declaring results of financial bids.
- vii. The Government of Madhya Pradesh ("**GoMP**") has been earnestly exploring different sources of clean energy to meet its increasing energy requirements, diversify sources of energy, and address climate change. The State of Madhya Pradesh has fairly good potential for solar power generation with about 300 (three hundred) clear days of sunshine in a year and an average solar radiation of about 4.5 to 5.5 kWh/sq.m/day. Further, based on the Renewable Purchase Obligations ("**RPO**") trajectory prescribed by this Hon'ble Commission, the GoMP is planning several projects to meet RPO (other Renewable Energy) requirements of MP Discoms. Given that the state's RPO (other Renewable Energy) is rising each year and the same would predominantly be met through solar based generation, a significant demand for solar power generation is expected in MP. The RPO (other RE) for the years 2022-23 to 2029-30, as set prescribed by this Hon'ble Commission, are set out as below:

Table-I

Financial Year	Solar RPO (before amendment in regulation dated 16.01.2023)	Other RPO (predominantly Solar) after amendment in regulation dated 16.01.2023
2022-23	9%	23.44%
2023-24	10%	25.13%
2024-25	11%	25.63%
2025-26	-	26.13%
2026-27	-	26.63%
2027-28	-	27.13%
2028-29	-	27.63%
2029-30	-	28.13%

- viii. The Cabinet Committee on Economic Affairs, Government of India had approved the Pradhan Mantri Kisan Urja Surakasha Evam Utthaan Mahaabhiyaan Scheme, as known as “**PM-KUSUM SCHEME**”, in its meeting dated 19.2.2019. The PM KUSUM SCHEME consists of three components i.e., the Component-A to include installation of Decentralized Ground Mounted Grid Connected Renewable Power Plants, Component-B to include installation of standalone Solar Powered Agriculture Pumps and Component-C to support individual farmers solarize the grid connected agriculture pumps.
- ix. MNRE has issued necessary guidelines in the matter from time to time to implement PM-KUSUM SCHEME. The latest in the series being “Guidelines for Implementation of Pradhan Mantri Kisan Urja Suraksha Evam Utthaan Mahaabhiyaan (PM KUSUM) Scheme (Office Memorandum F. No. 32/645/2017-SPV Division) issued on 17.01.2024.
- x. Govt. of Madhya Pradesh, vide order dated F 1-1/2021/8/ item 4, dated 26.12.2024, decided to implement Surya Mitra Krishi Feeder Scheme (SMKFS). The GoMP directed to implement solar projects as per need of the State, in addition to the targets received from MNRE. The Government further directed that these solar projects would be set up in accordance with standards and guidance issued by Ministry of Power, Govt. of India (MoP) under section 63 of the Electricity Act, 2003.
- xi. MNRE has designated MPUVNL as the State Implementing Agency for implementation of KUSUM-C Scheme in the State of Madhya Pradesh.

- xii. The Grid Connected Solar PV Systems to be set up under the above bids are to be developed at pre-identified locations in the State of Madhya Pradesh in substation saturation mode, which would include meeting the annual energy requirement of separated agriculture feeders emanating from the concerned substations.
- xiii. As per the Scheme, the power generated from such solar power plants shall be sold to MPPMCL at the tariff discovered for such plants through the process defined in the respective RfPs and conditions as specified in the concerned Power Purchase Agreements. As aforesaid, the MPPMCL has been designated as the procurer of the electricity generated under the FSP.
- xiv. It was decided in consultation with MPPMCL that projects aggregating up to 4028 MW may be considered, subject reasonability of discovered tariff, under this RfP, excluding previously awarded projects under KUSUM-C (FLS).
- xv. The MPPMCL has identified the rate discovered for procurement of power from the respective renewable power generators under the said Bidding Process as attractive and beneficial to MPPMCL as well as the end consumers in the state of Madhya Pradesh. Consequently, the present Petition for adoption of tariff has been filed before this Hon'ble Commission for said tender.
- xvi. It is submitted that, under section 63 of the Electricity Act, 2003 ("**the Act**"), the Appropriate Commission, which is this Hon'ble Commission in the present case, shall adopt the tariff if such tariff has been determined through transparent process of bidding in accordance with the guidelines issued by the Central Government. Section 63 of the Act is excerpted below for convenient perusal:-

***"63. Determination of tariff by bidding process:***

*Notwithstanding anything contained in section 62, the Appropriate Commission shall adopt the tariff if such tariff has been determined through transparent process of bidding in accordance with the guidelines issued by the Central Government."*

- xvii. In furtherance of the mandate of the FSP, the Petitioner has issued the concerned tender. The SMKFS and PM KUSUM Scheme Guidelines are applicable for implementation of Grid Connected Solar PV Systems for Sale of Solar Power to the Respondent under the KUSUM-C Scheme at various locations in the state of Madhya Pradesh.
- xviii. For the purposes of FSP, the Appropriate Commission, shall be this Hon'ble Commission. Thus, it is humbly submitted that this Hon'ble Commission is the Appropriate Commission for the bid process, as the procurement under the Bid Process contemplates procurement by the MPPMCL as the only procurer of electricity from the projects selected through the bid process under consideration and is proposing to procure electricity for its consumption only for the state of Madhya Pradesh.

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**Project Structure****RFP No. F/UVN/2024/KUSUM-C/V/ 5183 dated 11.02.2025 with the addenda and corrigenda**

- xix. The responsibility of the bid preparation and conducting the Bid Process had been entrusted to the Petitioner. Pursuant to the selection of RPGs, the Petitioner shall provide letters of award to the successful bidders. Consequently, the Respondent shall execute separate PPAs with RPGs of projects declared successful through the said tender process.
- xx. Petitioner MPUVNL, in its capacity as Nodal Agency, issued the request for proposal document along with standard drafts of the project agreements on 11.02.2025 inviting proposals to implementation of cumulative CFA (Central Financial Assistance) equivalent capacity of 1200 MW Grid Connected Solar based power plants connected to selected 33/ 11 kV substation for Sale of Solar Power to MPPMCL at various locations in the state of MP under Surya Mitra Krishi Feeder Scheme, with feeder solarization component of PM KUSUM-C scheme. Thereafter, several addenda and clarifications to the request for proposal were issued.
- xxi. In terms of GoMP order dated 26.12.2024 read with guidelines under PM KUSUM SCHEME, the RfP had specifically made provisions related to QCFA (Quoted CFA) and NCFA (Normative CFA) to allow potential bidders to factor in while quoting tariff for concerned Project(s). Some key provisions related to QCFA and NCFA, which may be read as appended to para 22 of the Petition, are provided as following:
- a. *“Normative CFA Capacity” or “NCFA ” shall mean solar plant capacity (in MW) out of Project Capacity (in MW), provided at Annexure-1 of RfP, which would be eligible for CFA as per MNRE, GoI, guidelines for feeder level solarization under component-C of PM KUSUM scheme. This value is the maximum CFA that can be availed for the given substation. [definition of NCFA in RfP]*
  - b. *“Quoted CFA or QCFA” shall mean the CFA capacity (in MW) that the bidder chooses to avail out of the available NCFA. This shall be quoted in the BoQ (Bill of Quantities) by all the bidders and the QCFA can be any value between zero and the NCFA (both limits inclusive). [definition of QCFA in RfP]*
  - c. *Irrespective of QCFA (in MW), Bidder is required to quote fixed levelized tariff for full Project Capacity of concerned substation. Also, it would be considered as deemed that Bidder has quoted fixed levelized tariff for full Project Capacity, not for QCFA or NCFA or any other part of Project Capacity. [clause 3.6(b) of RfP]*
  - d. *CFA would be to the extent of “Quoted CFA Capacity” or “QCFA”, as mentioned in the tender documents. [clause 3.42(c) of RfP]*

Accordingly, template for financial bid was designed, as provided at SECTION V:SAMPLE FINANCIAL BID FORMAT, and bidders had submitted online financial bids accordingly for respective project(s).

Further, the RfP had provisioned for requirement pertaining to indigenous components and ALMM (Approved List of Models and Manufacturers) as follows, which may be considered as appended to para 22 of the Petition, as extracted below:

- e. *Requirement of indigenously manufactured module, cells and BOS: System specifications and quality control of projects under KUSUM-C (FLS) would be in accordance with Para 6.4.6 of MNRE's Comprehensive Guidelines for Implementation of PM KUSUM Scheme, dated 17.01.2024, and its amendments/modifications as relevant and applicable. This requirement would be applicable for the portion of Project Capacity eligible for Central Financial Assistance (CFA). [Art. 4.10.1 of PPA]*
  - f. *Requirement of Approved List of Models and Manufacturers (ALMM): Bidders/ Successful Bidders would comply ALMM requirement as per ALMM order by Ministry of Power dated 09.12.2024 and it would be applicable on full Project Capacity. [Art. 4.10.2 of PPA]*
- xxii. The Govt. of Madhya Pradesh, vide order dated 05.05.2025, had decided to implement projects under Surya Mitra Krishi Feeder Yojana (SMKFY) as per requirement of the State, even without Central Financial Assistance (CFA). The order further underscores that these projects, without CFA, would be implemented as per standards and specifications issued by Ministry of Power (MoP) for projects implemented in accordance with guidelines issued under section 63 of the Electricity Act, 2003. The said order dated 05.05.2025 also provides for SMKFY to be implemented using target under MNRE's KUSUM C Scheme.
- xxiii. The petitioner proceeded with the Bidding Process as under for the concerned Tender:
- a. The invitation for bid for the KUSUMC Scheme was hosted on e-tendering portal and was also published in leading newspapers.
  - b. E-tendering was conducted on the portal <https://www.bharat-electronictender.com> managed by ISN Electronic Tender Services Private Limited.
  - c. In line with the requirement of the RfP, pre-bid conferences were organized by MPUVNL to introduce the project dynamics as well as to address the concerns and queries raised by the prospective bidders. The written clarifications and responses, if any, for all such queries from the prospective bidders were also uploaded on the e-tendering portal by MPUVNL.
  - d. MPUVNL constituted the bid evaluation committee for evaluating the technical and financial proposals in respect of the Bid Process.
  - e. The timeline for bid submission, opening of the technical and financial proposals were as follows:

Table-II

S. No.	Nodal Agency Stage	Date	Time (Hrs.)
1.	Date of issue of RFP	15.02.2025	
2.	Purchase of RFP Start Date	17.02.2025	23:55
3.	1 <sup>st</sup> Pre-Bid Meeting	22.02.2025	16:30
4.	2 <sup>nd</sup> Pre-Bid Meeting	03.03.2025	12:00
5.	Purchase of RFP End Date	22.07.2025	18:00
6.	Bid Submission End Date	22.07.2025	20:00
7.	Submission of hard copy of required Bid documents	23.07.2025	17:00
8.	Technical Bid & Bid Security Opening Date	25.07.2025	12:30

- f. In furtherance of the above, tremendous market response resulted in bids for 2021 substations from 548 unique bidders aggregating to over 20,160 MW. The Petitioner opened the online qualification proposals on the above stated date.
- g. Comprehensive bid evaluation was followed by MPUVNL. Preliminary results of technical bid evaluation were published on tendering portal, inviting representations/ clarifications of concerned bidders in accordance with RfP, if any. Total 245 bidders made representations/ clarifications, that were examined by evaluation committee.
- h. Considering relevant facts and submissions, technical bids of 430 bidders were found to be qualified by the bid evaluation committee for the opening of the financial proposals in terms of the RFP. However, bids of only 429 bidders were opened because pass-phrase of one (1) bidder M/s Euphoria Mines and Minerals was not received. Accordingly, the financial proposals for the 429 qualified bidders were opened by MPUVNL on 02.12.2025.
- i. Thereafter, financial bids of above technically qualified bidders were evaluated through a code-based online platform, developed by the Petitioner with the help of Madhya Pradesh State Electronics Development Corporation Limited (MPSEDC), to allocate projects in accordance with terms and conditions of the RFP.

xxiv. As regards KUSUM C Scheme, clarifications on modules to be used were issued by MNRE vide OMs dated 09.10.25 and 13.10.25. Further, the timelines for

Power Purchase Agreement (PPA) execution was issued by Ministry of New and Renewable Energy (MNRE) in OM's dated 28.08.25. The Power Purchase Agreement (PPA) had to be signed by 31.12.2025. Further, given the visibility over processes and timelines involved in signing of PPAs, the New and Renewable Energy Department, Govt. of Madhya Pradesh (MPNRED) requested Ministry of New and Renewable Energy, Govt. of India (MNRE), vide letter dated 24.12.2025 to grant extension till 31.03.2026 for signing of PPAs in all cases where LoAs have been issued by 31 December 2025. However, MNRE conveyed vide OM dated 31.12.2025, that, "no further extension for signing of PPAs/ issue of NTPs (Notice to Proceed) is provided at this stage".

- xxv. In the interest of Project(s), Selected Bidders made representation to forego CFA against respective QCFA capacities and implement Project(s) without CFA. Furthermore, the bid tariffs for these projects fall in the determined tariff range for the accepted capacity to be procured i.e. 4022.4 MW.
- xxvi. The matter was put up to NRED, Govt. of Madhya Pradesh for necessary directions. Upon prudent examination of the matters, the Additional Chief Secretary, NRED, Govt. of Madhya Pradesh, directed as follows:
- a. *If, at a later stage, MNRE conveys extension for signing of the PPAs, the bidders with QCFA bids should be informed accordingly. In that situation, such bidders would not be allowed to waive off the QCFA (Quoted CFA) submitted in their bid, as provided in MNRE's OM dated 13.10.2025. In such a situation, as provided in MNRE OM dated 28.07.2025 (point 5), projects shall have to use solar PV modules from ALMM List -1 (for solar PV modules) and solar PV cells from ALMM List -2 (for solar PV cells) for the entire QCFA capacity.*
  - b. *If MNRE does not convey extension for signing of the PPAs till the time of signing of PPAs under SMKFY, the option of CFA will not be available. In that situation, the bidders with QCFA bids might still choose to execute the PPA at the rate quoted by them in the bid, without the CFA being available. However, even in that situation, they would be mandated to use solar PV modules from ALMM List-I, as for any project bid out following the guidelines issued by Central Government under section 63 of the Electricity Act, 2003, as provided in MNRE OM dated 28.07.2025 (point 5) and Para 1 above.*
  - c. *If MNRE does not convey extension for signing of the PPAs even at a later stage and the bidders with QCFA bids do not wish to execute the PPA at the rate quoted by them in the bid, without the CFA being available, the EMD submitted with their bid should be returned.*

*The bidders with QCFA bids should be requested to exercise the option of executing the PPA, without the CFA being available, at the rate quoted by them in the bid, as mentioned in (b) above. If they agree, the conditions of LoA would stand modified.*

*It should be clarified that, for all projects, relevant instructions and clarifications issued by MNRE from time to time would be applicable and binding.*

- xxvii. A meeting of State Level Committee (SLC) was held on 22.12.2025 under Chairmanship of Addl. Chief Secretary, Govt. of Madhya Pradesh, New and

Renewable Energy Department. The SLC was apprised of results of the above RFP i.e. tariff quoted by Successful Bidders were in the range of INR 2.400 to 2.854 per kWh tariff for concerned substations. The SLC appreciated competitive tariff received through the RFP and decided the following:

- A. The Petitioner should issue letter of awards (LoAs) to Successful Bidders, and
- B. Petition should be filed before Hon'ble Commission for adoption of tariffs received under the RFP in consideration. It was also decided that MPPMCL should be Respondent in above petition.

- xxviii. It is submitted that the tariff of INR 2.400 to 2.854 per kWh in the concerned Tender is attractive and beneficial to MPPMCL as well as the end consumers in the state of Madhya Pradesh and enables MPPMCL and the distribution licensees in the State of Madhya Pradesh to effectively meet its RPO targets. Further, the state is cognizant of the advantage from the project on account of avoidance of ISTS charges and losses, investment in upgradation of distribution and transmission infrastructure, and distribution and transmission losses. Also, these projects would contribute in reactive power management at the distribution level for grid support, improving voltage profile and loss reduction.
- xxix. Additionally, the tariff determined under the Bid Process is competitive compared to the procurement cost from conventional sources of power. Therefore, incremental power coming to the Respondent from these projects will be beneficial to the consumer at large. It is humbly submitted that these tariffs appear reasonable after taking into consideration the prevailing market and the industry wide increase in the input costs for development of solar projects in recent months. It is relevant to highlight that no preferential tariff/trading margin is being sought by the Petitioner from the Respondent in the present case.
- xxx. It is respectfully submitted that the adoption of the above-mentioned tariffs by this Hon'ble Commission will be consistent with the provisions of the Act as provided in the preamble and Section 63 of the Act. It is also submitted that this Petition has been prepared in discussion with MPPMCL, aligned to decision of SLC dated 22.12.2025.
- xxxi. Agenda for Board of MPUVNL on above tariff and selection of successful bidders has been adopted by way of circulation by the Board.
- xxxii. In view of the decision in SLC meeting on 22.12.2025, the LoAs have been issued to successful bidders.

3. With the aforesaid submissions the petitioner prayed the following:

- i. *Admit the present petition and list the same for hearing;*
- ii. *Adopt, under Section 63 of the Electricity Act, 2003, the tariffs discovered through a transparent competitive bidding process conducted in accordance with the applicable guidelines, for the tender floated vide RFP No. F/ UVN/ 2024/ KUSUM-C/ V/ 5183 dated 11.02.2025, for Grid Connected Solar PV Systems for sale of solar*

*power to Madhya Pradesh Power Management Company Limited under the Feeder Solarization Program.*

iii. *Pass any such further orders/directions as this Hon'ble Commission may deem fit and proper in the present facts and circumstances.*

4. At the motion hearing held on 19.02.2026, petition was admitted and respondent was directed to file its response to the petition within the next 15 days. The case was listed for hearing on 07.04.2026.

5. By Affidavit dated 13<sup>th</sup> March' 2026, MP Power Management Co. Ltd., who is Respondent submitted the following in its response:

i. MP Power Management Company Limited (hereinafter referred to as "MPPMCL" or the "Respondent"), being the procurer on behalf of the State distribution licensees, has consistently and proactively approached this Hon'ble Commission from time to time seeking approval for renewable energy capacity additions to meet the Renewable Purchase Obligation (RPO) trajectory prescribed by this Hon'ble Commission and to fulfill the State's growing power demand. The Respondent has filed the following distinctive petitions before this Hon'ble Commission for capacity addition under the KUSUM-A and KUSUM-C Schemes, all of which have been duly approved:

S. No.	Petition No.	Scheme Component	Capacity Sought	Remarks
(a)	Petition No. 55 of 2021	KUSUM-A	300 MW	Approved by the Hon'ble Commission vide order No. 31.03.2022
(b)	Petition No. 32 of 2022	KUSUM-C	100 MW	Approved by the Hon'ble Commission vide order No. 28.07.2022
(c)	Petition No. 51 of 2023	KUSUM-A	200 MW	Approved by the Hon'ble Commission vide order No. 05.01.2024
(d)	Petition No. 51 of 2023	KUSUM-C	1,150 MW	Approved by the Hon'ble Commission vide order No. 05.01.2024
(e)	Petition No. 33 of 2025	KUSUM-A	1,290 MW	Approved by the Hon'ble Commission vide order No. 16.06.2025

ii. In addition to the above, respondent also accorded its consent for procurement of 1,650 MW of solar power each from Solar Energy Corporation of India Ltd. (SECI) and SJVN Ltd., aggregating to 3,300 MW of solar power and consent letters for procurement of power were issued to SECI vide Letter No. C-NCE/New Proposal/232113/857 dated 27.05.2025 and to SJVN vide Letter No. C-NCE/New Proposal/232113/859 dated 27.05.2025. These tariffs had already been discovered through competitive bidding processes conducted by SECI and SJVN and the tariffs discovered are ranging from Rs. 2.55 to Rs. 2.67 per kWh (including trading margin of Rs 0.07/kWh).

- iii. Accordingly, Petition No. 33 of 2025 was filed before this Hon'ble Commission seeking approval of the capacity addition of 3,300 MW of solar power inter alia from SECI and SJVN, and the same was approved by this Hon'ble Commission vide its Order dated. 16.06.2025.
- iv. Under Secretary, GoMP vide Letter No. F 1-1/2021/60 Bhopal, dated 05.05.2025, intimated that Cabinet of GoMP has given approval for implementation of Surya Mitra Krishi Feeder Yojna for solarization of 11kV Agriculture/Mix Feeders in the State. The Salient features of the Scheme are excerpted as under :-
1. 'सूर्य मित्र कृषि फीडर्स योजना' के अंतर्गत नवीन एवं नवीकरणीय ऊर्जा मंत्रालय, भारत सरकार (MNRE) की प्रधानमंत्री किसान ऊर्जा सुरक्षा एवं उत्थान महाभियान (पीएम-कुसुम) योजना-C के घटक फीडर सोलराईजेशन या उसकी उत्तराधिकारी योजना अंतर्गत अधिकाधिक लक्ष्य प्राप्त किया जावे। MNRE द्वारा स्वीकृत क्षमता की परियोजनाओं का क्रियान्वयन समय-समय पर जारी होने वाले दिशा-निर्देशों के अनुरूप किया जावे।
  2. 'सूर्य मित्र कृषि फीडर्स योजना' के अंतर्गत, MNRE से प्राप्त लक्ष्य के अतिरिक्त, राज्य की आवश्यकतानुसार बिना केन्द्रीय अनुदान के भी अधिक क्षमता क्रियान्वित की जावे, जिसके लिए कोई राज्य अनुदान देय नहीं होगा। बिना अनुदान के योजना के क्रियान्वयन में सौर संयंत्र स्थापना के मापदंड विद्युत मंत्रालय, भारत सरकार द्वारा जारी विद्युत अधिनियम, 2003 की धारा 63 के अनुसार चयन की जाने वाली परियोजनाओं के लिए प्रचलित दिशा-निर्देशों के अनुरूप रखे जा सकेंगे।
  3. 'सूर्य मित्र कृषि फीडर्स योजना' अंतर्गत म.प्र. पॉवर मैनेजमेंट कंपनी लिमिटेड (MPPMCL) द्वारा सौर संयंत्र से 25 वर्षों तक उत्पादित संपूर्ण विद्युत, जिसमें अधिकतम CUF की सीमा नहीं होगी, का क्रय खुली प्रतियोगितात्मक बोली के माध्यम से निर्धारित दर पर किया जावे।
  4. 'सूर्य मित्र कृषि फीडर्स योजना' के अंतर्गत स्थापित योजना के क्रियान्वयन में ऊर्जा विभाग के अधीन MPPMCL व तीनों विद्युत वितरण कंपनियों (Discoms) द्वारा पूरा सहयोग दिया जावे। ऊर्जा विभाग की उल्लेखित संस्थाओं के साथ समन्वय से योजना के सुगम एवं समय पर क्रियान्वयन के लिये नवीन एवं नवीकरणीय ऊर्जा एवं ऊर्जा विभाग द्वारा मानक क्रियान्वयन प्रक्रिया (SOP) जारी की जावेगी।
  5. वितरण अधोसंरचना के उन्नयन पर होने वाले व्यय को बचाने के लिए परियोजना से उत्पादित ऊर्जा का *injection, 33/11 kV* के उपकेन्द्रों के अतिभारित ट्रांसफार्मर के लो वोल्टेज साइड पर ही किया जावे। तथापि ट्रांसफार्मर के लंबी 33 kv लाईन के दूर छोर पर स्थित होने या ट्रांसफार्मर पर अत्यधिक *inductive load* होने के कारण नियमित लो वोल्टेज के प्रकरणों में लो वोल्टेज साइड पर बे उपलब्ध न होने व नई बे निर्माण की संभावना न होने पर *injection* उच्च वोल्टेज साइड पर भी किया जा सकेगा प्रत्येक उपकेन्द्र का *injection point* निविदा स्तर पर स्पष्ट किया जावेगा।
  6. योजना का अधिकाधिक लाभ प्राप्त करने के उद्देश्य से 33/11kv केन्द्र के 11KV साइड के फीडरों से संबद्ध सौर ऊर्जा संयंत्रों की अधिकतम क्षमता उपकेन्द्र में स्थापित संबंधित 33/11 पावर ट्रांसफार्मर की क्षमता तक रखी जावेगी। MNRE द्वारा स्वीकृत लक्ष्यों के क्रियान्वयन में संयंत्र की क्षमता का निर्धारण फीडर की पीक पावर आवश्यकता की आपूर्ति के आधार पर किया जावे।
  7. 'सूर्य मित्र कृषि फीडर्स योजना' अंतर्गत सौर ऊर्जा के उपयोग *reactive power* प्रबंधन हेतु किया जावे, जिस हेतु विकासकों को *reactive power* हेतु यथा प्रयोज्य, प्रतिपूर्ति (*compensation*) अथवा शास्ति (*penalty*) की देयक होगी।

8. शासन की इज आफ डूइंग बिजनेस अवधारणा के अनुरूप क्रियान्वयन के दृष्टिगत इस योजना के अंतर्गत चयनित परियोजनाओं हेतु किये जाने वाले विद्युत कय अनुबंध हेतु एकजाई प्रशासकीय अनुमति प्रदान की जावे।
9. कृषक (स्वयं अथवा कृषक समूह/सहकारी संस्थाओं/पंचायतों/किसान-उत्पादक संस्थाओं/ जल-उपयोगकर्ता संस्थाओं के साथ साझेदारी से अथवा विकासक के माध्यम से) एवं कृषक समूह/सहकारी संस्था/पंचायत/किसान-उत्पादक संस्था/जल उपयोगकर्ता संस्था (स्वयं या विकासक के माध्यम से) की सूर्य मित्र कृषि फीडर योजना में प्रतिभागिता के लिए उसके स्वामित्व में संबंधित सबस्टेशन के 5 किलामीटर परिधि में परियोजना स्थापना के लिए आवश्यक भूमि (2 हेक्टेयर प्रति मेगावाट) की कम से कम 50 प्रतिशत भूमि उपलब्ध होना अनिवार्य होगा।
10. प्रदेश में स्थापित समस्त कृषि फीडर्स पर कृषि आवश्यकता की आपूर्ति हेतु यथासंभव दिन में विद्युत प्रदाय की जावेगी।

निर्देशानुसार केन्द्रीय विद्युत प्राधिकरण (*Central Electricity Authority*) द्वारा मध्य प्रदेश के लिए किए गए *Resource Adequacy Report* के आकलन (परिशिष्ट) की पूर्ति के लिए, वितरण अधोसंरचना पर होने वाले व्यय को बचाने के लिए और ग्रिड स्थिरता व वोल्टेज नियंत्रण के लिए सूर्य मित्र कृषि फीडर्स योजना का ऊपर उल्लेखित अनुसार क्रियान्वयन किया जाये।

- v. A meeting was held on 04.07.2025 at Vallabh Bhawan, under the Chairmanship of the Chief Secretary, GoMP wherein it was decided that, for meeting the RPO trajectory and State's power demand, solar power procurement shall be done from Intrastate (InSTS) connected projects instead of Interstate (ISTS) connected projects. Accordingly, it was mutually agreed to allocate the entire 3300 MW capacity to MPUVNL, with 1650 MW under Solar Park Mode and 1650 MW under the Decentralized Scheme (KUSUM-C).
- vi. Accordingly, the consent issued to SJVN Ltd. and SECI for procurement of 3,300 MW was withdrawn and MPUVNL was informed that vide letter dated 06.11.2025, in addition to the existing 1,250 MW capacity already approved under KUSUM-C (comprising 100 MW approved in Petition No. 32 of 2022 and 1,150 MW approved in Petition No. 51 of 2023), MPUVNL may now include the additional 3,300 MW for decentralized projects, thereby aggregating the total KUSUM-C and decentralized capacity to 4,550 MW (i.e., 1,250 MW + 3,300 MW).
- vii. During meeting held on 14.10.2025 at MPPMCL, under the Chairmanship of Hon'ble Minister, Energy Department, GoMP and Hon'ble Minister, New & Renewable Energy Department, GoMP, it was discussed to enhance off-take capacity under the PM KUSUM Scheme in Madhya Pradesh. In this context, MPUVNL was informed vide letter No. 2156 dated 06.11.2025, regarding that the earlier capacity of 1,650 MW for the Solar Park Scheme was brought under the Decentralized Solar Scheme. Accordingly, the total aggregate solar PV capacity allocated to MPUVNL under decentralized scheme was 4,550 MW, including 1,250 MW already allotted under component C of PM KUSUM Scheme. It was emphasized that installation and commissioning of projects under the scheme should be completed by July 2027 to avoid any shortfall in meeting the RPO/RCO trajectory and State energy requirements.
- viii. The respondent hereby submits that against consented 4550 MW Solar PV Capacity, the petitioner submitted proposals for execution of PPAs with 61

number beneficiaries for an aggregate capacity of 523.6 MW, under component C of PM KUSUM Scheme, leaving a balance capacity of 4,026.4 MW to be tied up.

- ix. The Respondent hereby submits that one of the features incorporated by the Petitioner in its RFP No. F/UVN/2024/KUSUM-C/V/5183 dated 11.02.2025 is that the injection of power from the Grid Connected Solar PV Systems shall be on the 11 kV side of the designated 33/11 kV Substations. The definition of Delivery Point mentioned in the clause B of the RfP is as under :-

***"Delivery Point shall mean a point a provided in the Annexure -1 of the RfP, where power is injected into grid at 33/11 kV substation and it shall be 11 kV bus bar at the 33/11 kV Sub-station, unless specified otherwise. Metering shall be done at this interconnection point where the power is injected into the 33/11 kV Sub-station. Depending upon Project Capacity, there could be multiple interconnection cum delivery points at PTR at same substation."***

- x. Petitioner issued 493 LOAs aggregating to capacity of 4022.4 MW under the Surya Mitra Krishi Feeder Scheme sent vide emails dated 22.11.2025 onwards and on examination of same by respondent, following is observed:

S. No.	Total No of LoAs & Corresponding Capacity received by Respondent at individual S/s	No of LoA & having capacity between 10 MW to 14.99 MW at individual 33/11 kV S/s	No of LoAs having capacity of 15 MW & above at individual at 33/11 kV S/s
1.	493 LoAs for a capacity of 4022.4 MW	201 LoAs for a capacity of 2076.46 MW	44 LoAs for a capacity of 666.30 MW

- xi. As per the provision of RfP the delivery point shall be at 11 kV side of 33/11 kV S/s and in case the sufficient bay space is not available at 11 kV side or/and sufficient transformer capacity is not available at 33/11 kV S/s, such shall result into reduced injection into the grid.
- xii. The distinctive LoA issued by petitioner were shared with respective Discoms for examining and submitting their feasibility study on capacity of LoA and its correspondence with installed PTR capacities as well as availability of 11 kV bay space.
- xiii. The 33/11 kV substations, their associated Power Transformers (PTRS), 11 kV switchgear, bus-bar arrangements, protection systems, feeder bays, metering infrastructure, and related distribution network equipment were originally designed and installed to cater to the load requirements of the consumers in the respective areas. Such equipment have not experienced reverse power flow or the injection of large-scale solar generation capacity at the 11 kV bus. The impact of the reverse power flow from 33/11 kV substation towards EHV substations will be assessed after execution of the scheme.

- xiv. Further, it is most respectfully submitted that the attributions mentioned in para No xi & xiii above the capex may be required for following work:
- a) For the augmentation / addition of Power Transformers (PTRs) and associated substation equipment at the 33/11 kV substations where sufficient capacity of the transformer/sufficient bay space is not available.
  - b) Any capex required to handle reverse power flow due to the injection of solar power at 11 kV Feeder Level at 33/11 kV S/s or EHV Level.
- xv. The Respondent gave its consent to the Petitioner vide Letter No. 1417 dated 27.02.2026 for adoption of tariff discovered through the competitive bidding process conducted under the captioned RfP.
- xvi. Thus in view of the foregoing submissions, the Respondent respectfully supports the instant petition submitted by petitioner for adoption of tariffs discovered through the transparent competitive bidding process under the captioned RFP.
6. At the last hearing held on 07.04.2026, arguments completed by the parties. Parties were allowed to file written submissions in next 3 days. The order was reserved in the matter.
7. Petitioner i.e., Madhya Pradesh Urja Vikas Nigam Ltd. submitted following in their written submission dated 13<sup>th</sup> April' 2026:
- 7.1 The Petitioner, being the designated State Implementing Agency, conducted the entire bid process through a robust and transparent mechanism, including e-tendering, faceless evaluation of bids, and a code-based financial bid evaluation system. The bidding process witnessed an overwhelming response of more than 16,000 MW against the tendered capacity, thereby ensuring intense competition and efficient price discovery. The tariffs discovered pursuant to such competitive bidding fall within the range of INR 2.400 to 2.854 per kWh, which are demonstrably reasonable, competitive, and in the interest of consumers in the State of Madhya Pradesh.
  - 7.2 The Reply from Madhya Pradesh Power Management Company Limited (MPPMCL), being the procurer, also supported the present Petition. The support of MPPMCL clearly establishes that the discovered tariffs are commercially viable and beneficial for procurement by the distribution licensees, and such support is highly significant for the purposes of tariff adoption.
  - 7.3 The Petitioner would like to place on records that the tariffs discovered for projects under Surya Mitra Krishi Feeder Yojana (SMKFY), vide RFP no. F/UVN/2024/ KUSUM-C/V/5183 dated 11.02.2025, are placed better than peer projects in other States (Table 1 below) as well as competitive when compared with projects of SECI and SJVN, which would be delivered at CTU/ STU periphery, (Table 2 below) as against SMKFY projects having delivery point at 11 kV bus of 33/11 kV substations. Comparative tables underscoring this point are provided below:

**Table-1- Decentralised Solar Projects**

Sl. no.	State (Capacity in MW)	Tariff range (INR/ kWh)	Remarks
1.	Maharashtra (~15,000 MW)	2.69 – 3.09	<ul style="list-style-type: none"> <li>• Approx. 30 lakh pumps</li> <li>• Majority rates ~ INR 3/ kWh</li> <li>• Delivery point- Discom substations</li> </ul>
2.	Rajasthan (~6,800 MW)	2.90 – 3.10	<ul style="list-style-type: none"> <li>• Approx. 13.5 lakh pumps</li> <li>• Delivery point- Discom substations</li> </ul>
3.	Madhya Pradesh (~4022 MW)	2.400 – 2.854	<ul style="list-style-type: none"> <li>• Approx. 8 lakh pumps</li> <li>• Majority rates ~INR 2.7/ kWh</li> <li>• Delivery point- 11 kV side of Discom substations</li> </ul>

**Table-2 - Projects of SECI and SJVN**

Particulars	SECI projects	SJVN projects	Unit of measure
Tariff at delivery point	2.55	2.67	INR/ kWh
Injected energy at delivery point	1	1	kWh
CTU losses	1.80%	1.80%	%
STU losses	2.61%	2.61%	%
Discom losses (33 kV system only)	4.17%	4.17%	%
<b>Delivered energy at 33 kV substation</b>	<b>0.92</b>	<b>0.92</b>	kWh
CTU charges	286751	286751	INR/ MW/ month
CTU charges	0.64	0.64	INR/ kWh
STU charges	410	410	INR/ MWh
STU charges	0.41	0.41	INR/ kWh
Discom charges (33 kV system only)	0.52	0.52	INR/ kWh
<b>Net landed tariff at 33 kV substation</b>	<b>4.42</b>	<b>4.55</b>	<b>INR/ kWh</b>

**Commission's observations and findings:**

8. The Commission has observed the following from the petition and the submissions of the petitioner and Respondent in this matter:
  - 8.1 The petition has been filed by MP Urja Vikas Nigam Limited (MPUVNL) under Section 63 of the Electricity Act, 2003 for adoption of tariff of Grid Connected Solar PV Systems selected through competitive bidding process for sale of power within the State in terms of the Surya Mitra Krishi Feeder Scheme with feeder solarization component under Guidelines for Implementation of Pradhan Mantri Kisan Urja Suraksha Evam Utthaan Mahaabhiyaan (PM KUSUM) Scheme (Office Memorandum F.No. 32/645/2017-SPV Division) issued by the Ministry of New and Renewable Energy, Government of India on 17.01.2024.
  - 8.2 No standard bidding documents are laid down by MNRE for Kusum-C component of PM Kusum scheme. Petitioner developed its own bidding documents in line with Guidelines for Implementation of Pradhan Mantri Kisan Urja Suraksha Evam Utthaan Mahaabhiyaan (PM KUSUM) Scheme (Office Memorandum F.No. 32/645/2017-SPV Division) issued by the Ministry of New and Renewable Energy, Government of India on 17.01.2024.
  - 8.3 MPUVNL has been designated as implementing agency for implementation of PM Kusum Scheme in the State and is authorised to conduct bidding as per clause (6) of the guidelines issued vide aforesaid Memorandum issued by the Ministry of New and Renewable Energy, Government of India.
  - 8.4 Petitioner floated tender under the KUSUM-C Scheme vide RfP No. 5183 dated 11.02.2025. The tender was floated for selection of renewable power generators for implementation of total installed capacity of 4028 MW and cumulative CFA equivalent capacity of 1200 MW Grid Connected Solar PV Systems for Sale of Solar Power to MPPMCL at various locations in the state of MP under Surya Mitra Krishi Feeder Scheme which is subsumed in feeder solarization component of PM KUSUM-C scheme as per order dated 05.05.2025 issued by NRED, GoMP.
  - 8.5 Bid evaluation committees were constituted by MPUVNL for technical as well as financial evaluation of successful bidders.
  - 8.6 Out of the 548 bidders, technical bids of 430 bidders were found qualified by the bid evaluation committee for opening of the financial proposals in terms of the RFP. However, bids of only 429 bidders were opened because pass-phrase of one (1) bidder M/s Euphoria Mines and Minerals was not received. Accordingly, the financial proposals for the 429 qualified bidders were opened by MPUVNL on 02.12.2025.
  - 8.7 The Ministry of New and Renewable Energy (MNRE), through its OM dated 28.08.2025, set 31.12.2025 as the deadline for executing Power Purchase Agreements (PPAs). Considering procedural timelines, the New and Renewable Energy Department, Govt. of Madhya Pradesh (MPNRED) requested an extension

till 31.03.2026 for cases with LoAs issued by 31.12.2025. However, MNRE, via OM dated 31.12.2025, declined any further extension for signing PPAs or issuing NTPs.

8.8 Selected Bidders made representation to forego CFA against respective QCFA capacities and to implement Project(s) without CFA. Furthermore, the bid tariffs for these projects fall in the determined tariff range for the accepted capacity to be procured i.e. 4022.4 MW.

8.9 The New and Renewable Energy Department, Govt. of Madhya Pradesh (MPNRED), outlined the following three scenarios regarding signing of PPAs (Power Purchase Agreements) and availability of CFA (Central Financial Assistance):

- a. *If, at a later stage, MNRE conveys extension for signing of the PPAs, the bidders with QCFA bids should be informed accordingly. In that situation, such bidders would not be allowed to waive off the QCFA (Quoted CFA) submitted in their bid, as provided in MNRE's OM dated 13.10.2025. In such a situation, as provided in MNRE OM dated 28.07.2025 (point 5), projects shall have to use solar PV modules from ALMM List -1 (for solar PV modules) and solar PV cells from ALMM List -2 (for solar PV cells) for the entire QCFA capacity.*
- b. *If MNRE does not convey extension for signing of the PPAs till the time of signing of PPAs under SMKFY, the option of CFA will not be available. In that situation, the bidders with QCFA bids might still choose to execute the PPA at the rate quoted by them in the bid, without the CFA being available. However, even in that situation, they would be mandated to use solar PV modules from ALMM List-I, as for any project bid out following the guidelines issued by Central Government under section 63 of the Electricity Act, 2003, as provided in MNRE OM dated 28.07.2025 (point 5) and Para 1 above.*
- c. *If MNRE does not convey extension for signing of the PPAs even at a later stage and the bidders with QCFA bids do not wish to execute the PPA at the rate quoted by them in the bid, without the CFA being available, the EMD submitted with their bid should be returned.*

*The bidders with QCFA bids should be requested to exercise the option of executing the PPA, without the CFA being available, at the rate quoted by them in the bid, as mentioned in (b) above. If they agree, the conditions of LoA would stand modified.*

9. Pursuant to above, tariff quoted by Successful Bidders is in the range of Rs. 2.400 to 2.854 per kWh for concerned substations. List of successful bidders is attached with this Order as Annexure-I.

10. The Commission has noted that the respondent, i.e. MP Power Management Company Limited who is procuring power on behalf of the MP Discoms, has not made any objections on the bidding process adopted by MPUVNL and supports the instant petition submitted by petitioner for adoption of tariffs discovered through the transparent competitive bidding process under the captioned RfP. Respondent however submitted that there may be CAPEX requirements for following works:

- a) Augmentation / addition of Power Transformers (PTRs) and associated substation equipment at the 33/11 kV substations where sufficient capacity of the transformer/sufficient bay space is not available.
- b) Any capex required to handle reverse power flow due to the injection of solar power at 11 kV Feeder Level at 33/11 kV S/s or EHV Level.

11. The Commission notes that additional CAPEX requirements as mentioned in para 10 is dealt in clauses 1.3 and 1.4 of the RfP as stated below:

*“1.3 For avoidance of any doubt, it is re-stated that the RPG (selected under Self Development Mode or Developer Mode) shall be solely responsible and make arrangements of necessary land for Project and associated infrastructure for development of the Project and for Connectivity with the concerned sub-station (as per Annexure-1 of RFP) for confirming the evacuation of power by the SCOD or COD, whichever is earlier, and all clearances. The RPG will be responsible for Design, Supply, Construction, Erection, Testing and Commissioning, of Solar Power Project in accordance with the applicable Law, Grid Code, as per regulations and terms & conditions of the Agreement as well as Prudent Utility Practices.*

*1.4 RPG shall have option to get connectivity infrastructure from Project to substation developed by Discom by bearing appropriate expenses towards it.”*

As per the above-mentioned clauses of the RfP, respondent will not be required to incur any additional expenditure as the developers are responsible for bearing these costs. Accordingly, no additional CAPEX shall be allowed in this regard.

### **Conclusion**

- 12. The Commission observes that the GoMP's order dated 05.05.2025 provides that Surya Mitra Krishi Feeder Yojana to be implemented using target under MNRE's KUSUM-C Scheme.
- 13. The Commission notes that Ministry of New & Renewable Energy, Government of India vide its order dated 02.12.2019 has authorized MP Urja Vikas Nigam Limited for implementation of Component -C of PM Kusum Scheme. The MP Urja Vikas Nigam Limited has been designated as State Agency for carrying out PM Kusum Scheme vide order dated 13.05.2022.
- 14. The Commission notes that no standard bidding documents have been notified by Ministry of New and Renewable Department, Government of India. As per section 63 of the Electricity Act, 2003, the bidding has to be conducted in accordance with the guidelines issued by the Central Government. Petitioner has accordingly captured all the provisions of guidelines issued by MNRE on 17.01.2024 for component -C of PM KUSUM scheme in bidding documents prepared by it.
- 15. The Commission further notes that transparent online bidding was conducted by nodal agency i.e. MPUVNL for selection of successful bidders under Kusum-C Component of PM Kusum Scheme and the procurer i.e., MPPMCL has consented on the rate discovery of the

project. Further, the Commission notes that the discovered rates are competitive and reasonable as per submission made by petitioner in para 7.3 of this order.

16. As per the provisions of section 63 of the Electricity Act, Commission shall adopt the tariff: -
  - i. if such tariff has been determined through transparent process of bidding and
  - ii. such process of bidding has been carried out in accordance with the guidelines issued by the Central Government.
17. The Commission in light of above discussions is satisfied that the bidding for discovery of tariff under Component -C of PM Kusum Scheme in this matter has been conducted by the State Agency i.e., MP Urja Vikas Nigam Limited in transparent manner in accordance with the guidelines issued on 17.01.2024 by Ministry of New & Renewable Energy Department, Government of India and the discovered rates are competitive and reasonable and the discovered tariff is reflective of current market trends.
18. Under the KUSUM C scheme, out of the approved capacity addition of 1250 MW, 523.6 MW has already been tied up. The respondent has also filed a separate petition before this Commission seeking approval for capacity addition of 600 MW Solar with 440 MW BESS, and 282.5 MW BESS on a complementarity basis with UPPCL, supported by a VGF of Rs 12 Lakhs/MWh. Additionally, the respondent seeks to revise the procurement of 3300 MW Solar (1650 MW from SECI and 1650 MW from SJVN, approved in Petition No. 33 of 2025) to be procured under the Decentralized Solar through KUSUM Scheme/Surya Mitra Krishi Feeder Yojana in Madhya Pradesh.
19. The above petition is under process with the Commission, thus, this order shall be subject to outcome of the petition filed by respondent for revised capacity addition under PM KUSUM C Scheme/ Surya Mitra Krishi Feeder Yojana in Madhya Pradesh. The Commission further directs that the parties shall sign the Power Purchase Agreements promptly. The Solar Power procured from the projects under Kusum-C Component/Surya Mitra Krishi Feeder Yojana shall be eligible towards fulfilment of renewable purchase obligation (RPO) of the MP Discoms for the respective years as per the provisions of MPERC (Cogeneration and Generation of Electricity from Renewable Sources of Energy), (Revision-II), Regulations, 2021 as amended from time to time.

With the aforesaid observations and findings, the subject petition stands disposed of.

**(Gajendra Tiwari)**  
Member

**(Gopal Srivastava)**  
Acting Chairman