

Project Verification Report of

UCR ID Number 225

**998.64 kWp Grid Connected Rooftop Solar Plant at
Berger Paints, Jejuri, Maharashtra, India**

23 Dec 2022

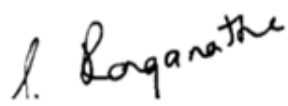
Verified by
S.Ranganathan

| COVER PAGE | |
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| Project Verification Report Form (VR) | |
| <i>Complete this form in accordance with the instructions.</i> | |
| BASIC INFORMATION | |
| Name of approved UCR Project Verifier / Reference No. | S.Ranganathan (Independent Verifier) |
| Type of Accreditation | <input type="checkbox"/> CDM or other GHG Accreditation <input type="checkbox"/> ISO 14065 Accreditation <input checked="" type="checkbox"/> UCR Approved Verifier |
| Approved UCR Scopes and GHG Sectoral scopes for Project Verification | Sectoral Scope : 01 Energy Industries |
| Validity of UCR approval of Verifier | From 21 Jan 2022 onwards |
| Completion date of this VR | 23 Dec 2022 |
| Title of the project activity | 998.64 kWp Grid Connected Rooftop Solar Plant at Berger Paints, Jejuri, Maharashtra, India |
| Project reference no. (as provided by UCR Program) | UCR ID No : 225 |
| Name of Entity requesting verification service (can be Project Owners themselves or any Entity having authorization of Project Owners, example aggregator.) | Berger Paints (India) Limited, Jejuri |

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| Contact details of the representative of the Entity, requesting verification service (Focal Point assigned for all communications) | Zenith Energy Services Private Limited Ramky Grandiose, Gachibowli,Hyderabad-500032 Email : narendra@zenithenergy.com Contact No: +91 81868 79038 |
| Country where project is located | India |
| Applied methodologies (approved methodologies by UCR Standard used) | CDM Small Scale Methodology AMS. I.D. (Title: “Grid connected renewable electricity generation”, version 18) |
| GHG Sectoral scopes linked to the applied methodologies | SECTORAL SCOPE - 01 Energy industries (Renewable/Non-Renewable Sources) |
| Project Verification Criteria: Mandatory requirements to be assessed | <input checked="" type="checkbox"/> UCR Standard <input checked="" type="checkbox"/> Applicable Approved Methodology <input checked="" type="checkbox"/> Applicable Legal requirements /rules of host country <input checked="" type="checkbox"/> Eligibility of the Project Type <input checked="" type="checkbox"/> Start date of the Project activity |

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| | <input checked="" type="checkbox"/> Meet applicability conditions in the applied methodology <input checked="" type="checkbox"/> Credible Baseline <input checked="" type="checkbox"/> Do No Harm Test <input checked="" type="checkbox"/> Emission Reduction calculations <input checked="" type="checkbox"/> Monitoring Report <input checked="" type="checkbox"/> No GHG Double Counting <input type="checkbox"/> Others (please mention below) |
| Project Verification Criteria: Optional requirements to be assessed | <input checked="" type="checkbox"/> Environmental Safeguards Standard and do-no-harm criteria <input checked="" type="checkbox"/> Social Safeguards Standard do-no-harm criteria |
| Project Verifier's Confirmation: The <i>UCR Project Verifier</i> has verified the UCR project activity and therefore confirms the following: | <p>The UCR Project Verifier S.Ranganathan, certifies the following with respect to the UCR Project Activity Project Concept Note version 2 dated 09/11/2022</p> <input checked="" type="checkbox"/> The Project Owner has correctly described the Project Activity in the Project Concept Note version 2 dated 19/12/2022 including the applicability of the approved methodology [CDM Small Scale Methodology AMS. I.D. (Title: "Grid connected renewable electricity |

| | |
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| | <p>generation”, version 18) and meets the methodology applicability conditions and has achieved the estimated GHG emission reductions, complies with the monitoring methodology and has calculated emission reductions estimates correctly and conservatively.</p> <p><input checked="" type="checkbox"/> The Project Activity is likely to generate GHG emission reductions amounting to the estimated 1851 TCO_{2e}, as indicated in the MR, which are additional to the reductions that are likely to occur in absence of the Project Activity and complies with all applicable UCR rules, including ISO 14064-2 and ISO 14064-3.</p> <p><input checked="" type="checkbox"/> The Project Activity is not likely to cause any net-harm to the environment and/or society</p> <p><input checked="" type="checkbox"/> The Project Activity complies with all the applicable UCR rules¹ and therefore recommends UCR Program to register the</p> |
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| | Project activity with above mentioned labels. |
| Project Verification Report, reference number and date of approval | UCR Verification report of Project ID 225 |
| Name of the authorised personnel of UCR Project Verifier and his/her signature with date | <p>S.Ranganathan</p>  <p>23 December 2022</p> |

PROJECT VERIFICATION REPORT

Executive summary

The verification activity was contracted by the project aggregator Berger Paints India Limited ,to carry out independent verification /5/ of the UCR project titled 998.64 kWp Grid Connected Rooftop Solar Plant at Berger Paints, Jejuri, Maharashtra, India bearing UCR Project Registration Number 225 to verify and confirm the quantity of CoUs generated by the bundled project activity during the monitoring period 9/10/2020 to 31/08/2022 (both days inclusive)

The total emission reduction achieved during the stated monitoring period based on the calculations, the monitoring report and supporting documents is found to be 1851 CoU. There are no leakages and project emissions.

The project activity is complying with the requirements of the chosen small scale methodology AMS I.D. version 18 of CDM /19/, UCR Program Manual /1/ and UCR verification standard /3/ for the project activity.

The project activity, as described in the PCN /7/ is a grid connected roof top solar plant electricity generation facility having a capacity of 998.64 KWp which is located in Jejuri village Pune District of Maharashtra in India installed by Berger Paints India Limited . The electricity generated is used in the Berger Paints India Limited manufacturing facility at the mentioned location for captive purpose and the excess is exported to the grid.

Project Verification team, technical reviewer and approver

The verification was carried out by me, (S.Ranganathan) who is a qualified validator, verifier, technical expert/reviewer for SECTORAL SCOPE - 01 Energy industries (Renewable/Non-Renewable Sources).

Project Verification team

| No. | Role | Last name | First name | Affiliation (e.g. name of central or other office of UCR Project Verifier or outsourced entity) | Involvement in | | |
|-----|-------------|-----------|-------------|--|-------------------|--|--------------------|
| | | | | | Doc revi ew | Off - Site ins pec tion | Inte rvie ws |
| 1. | Team Leader | Seshan | Ranganathan | Independent Verifier | Yes | Yes | Yes |
| 2. | Validator | Seshan | Ranganathan | Independent Verifier | Yes | Yes | Yes |

| | | | | | | | |
|---|------------------|--------|-------------|----------------------|-----|----|----|
| 3 | Technical Expert | Seshan | Ranganathan | Independent Verifier | Yes | No | No |
|---|------------------|--------|-------------|----------------------|-----|----|----|

Means of Project Verification

Desk/document review

The documents were reviewed to confirm the project activity is as per Project Concept Note version 2 dated /7/ and to confirm the data provided in the Monitoring Report version 2 dated 20/12/2022 /8/ for the period 9/10/2020 to 31/08/2022 both days included. The documents reviewed were the Purchase Order /10/,the Net Metering Agreement /13/,the Plant Handover Certificate /14/, Test certificates of meters /17/ and SCADA generation report /16/.

The list of documents reviewed as part of the verification activity is available under the section Document reviewed or referenced in the subsequent sections of this report

On-site inspection: Not applicable

| Date of off site inspection: | | No site visit was conducted and this meets the UCR guidelines. However interview with the personnel associated with the project were held over web on 21/10/22. | |
|-------------------------------------|-----------------------------|---|------|
| No. | Activity performed Off-Site | Site location | Date |
| 1. | | | |
| ... | | | |

Interviews

| No. | Interview | | | Date | Subject |
|-----|-----------|--------------|-------------|------------|------------------------------------|
| | Last name | First name | Affiliation | | |
| 1. | Date | Durga Prasad | Owner | 21/10/2022 | 1) Project location |
| 2. | Bolledhu | Narendar | Aggregator | | 2) Commissioning of Project |
| 3. | Tiruvuri | Sai Krishna | Aggregator | | 3) Metering System |
| | | | | | 4) Applicability of methodology |
| | | | | | 5) Emission reduction calculations |

Sampling approach

N/A. The monitoring parameter is the electricity generated. The verification was carried out based on the Metering Report that was made available for every month of the monitoring period.

Clarification request (CLs), corrective action request (CARs) and forward action request (FARs) raised

| Areas of Project Verification findings | No. of CL | No. of CAR | No. of FAR |
|--|---------------------|-------------------|-------------------|
| Green House Gas (GHG) | | | |
| Identification and Eligibility of project type | Nil | Nil | Nil |
| General description of project activity | Nil | CAR 1 | Nil |
| Application and selection of methodologies and standardized baselines | Nil | Nil | Nil |
| - Application of methodologies and standardized baselines | CL 1 | Nil | Nil |
| - Deviation from methodology and/or methodological tool | Nil | Nil | Nil |
| - Clarification on applicability of methodology, tool and/or standardized baseline | Nil | Nil | Nil |
| - Project boundary, sources and GHGs | CL 2 | | Nil |
| - Baseline scenario | Nil | Nil | Nil |
| - Estimation of emission reductions or net anthropogenic removals | CL 4 CL 5 CL7 | CAR 2 | Nil |
| - Monitoring Report | CL 3 CL6 | Nil | Nil |
| Start date, crediting period and duration | Nil | | Nil |
| Environmental impacts | Nil | Nil | Nil |
| Project Owner- Identification and communication | Nil | Nil | Nil |
| Others (please specify)-Claim under other GHG program | Nil | Nil | Nil |
| Total | 7 | 2 | 0 |

Project Verification findings

Identification and eligibility of project type

| | |
|--------------------------------------|--|
| Means of Project Verification | <p>The project activity is registered under UCR. The project identification number is 225 as could be confirmed from the UCR website</p> <p>The project activity is Solar Power Electricity generation project having a installed capacity of 998.64 KWp</p> <p>The project activity started electricity generation from 09/10/2020. The total project capacity is 998.64 KWp and hence falls in the Small scale category of project activities as per CDM. The project activity fall under SECTORAL SCOPE - 01 Energy industries (Renewable/Non-Renewable Sources) and has adopted AMS. I.D. (Title: “Grid connected renewable electricity generation”, version 18) /19/</p> <p>https://cdm.unfccc.int/methodologies/DB/W3TINZ7KKWCK7L8WTXFQQOFQQH4SBK</p> |
| Findings | The project activity is described in the PCN version 02 dated 19/12/2022 |
| Conclusion | <p>The project activity fall under SECTORAL SCOPE - 01 Energy industries (Renewable/Non-Renewable Sources) which is in the list of approved scopes as per UCR standard.</p> <p>The project activity does not fall under the Ineligible methodologies given under Table 1 of UCR Standard.</p> <p>The project activity is commissioned after 1 Jan 2002 and so meets the requirement of Project Start Date as per UCR Standard.</p> <p>The verification period is from 09/10/2020 to 31/08/2022 and so meets the requirement of vintage as per UCR Program Verification Standard /3// , UCR General Project Eligibility Criteria standard /2/ and complies with all requirements of UCR Program Manual/1/</p> |

General description of project activity

| | |
|--------------------------------------|--|
| Means of Project Verification | <p>This project activity involves generation of electricity from the installation and operation of new roof top solar power-based power projects and using the energy for captive purpose. The projects activity is roof top solar power generation plant with installed capacity of 998.64 Kwp and using the generated electricity for captive purpose at Berger Paints India Limited manufacturing facility at Jejuri, Pune in Maharashtra, India.</p> |
| Findings | <p>The Plant Handover certificate issued by Mahindra Susten Private Limited mentions that the facility was commissioned on 4/10/2022./14/. The simulation report /11/ and Purchase Order/14/ issued by Mahindra Susten Private Limited dated 23/01/2020 details the capacity as 998.64 KWp and mentions in its scope design, supply, installation and location.</p> |
| Conclusion | The documents perused confirm that the project is as described in the PCN /7/ and MR /8/. |

Application and selection of methodologies and standardized baselines

(.a.i) Application of methodology and standardized baselines

| | |
|--------------------------------------|---|
| Means of Project Verification | The project activity fall under SECTORAL SCOPE - 01 Energy industries (Renewable/Non-Renewable Sources) and has adopted AMS. I.D. (Title: “Grid connected renewable electricity generation”, version 18) https://cdm.unfccc.int/methodologies/DB/W3TINZ7KKWCK7L8WTXFQQOFQQH4SBK |
| Findings | The appropriate approved methodology of CDM /19/ has been applied |
| Conclusion | The applied methodology meets the requirements of UCR. The latest version on the methodology version 18 is applied and is valid. |

(.a.ii) Clarification on applicability of methodology, tool and/or standardized baseline

| | |
|--------------------------------------|--|
| Means of Project Verification | The applicability of the chosen small scale methodology AMS I.D. version 18 of CDM, UCR Program standard and UCR verification standard for the project activity was verified. |
| Findings | The project activity has adopted the emission factor of 0.9 tCO ₂ /MWh recommended by UCR for 2014-2020 for the whole monitoring period. |
| Conclusion | The monitoring period of the project activity is from 9/10/2020 to 31/08/ /8/. The UCR recommended emission factor does not cover the monitoring period. The latest CEA emission factor /20/ that is available is also 0.9 tCO ₂ /MWh. So applying the UCR recommended emission factor for the monitoring period is considered appropriate. |

(.a.iii) Project boundary, sources and GHGs

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|--------------------------------------|--|
| Means of Project Verification | PCN,MR,PPA |
| Findings | The project boundary is clearly defined in the PCN and MR |
| Conclusion | The project boundary is clearly delineated in the PCN and meets the requirements of adopted methodology of CDM AMS. I.D. (Title: “Grid connected renewable electricity generation)/19/ and Project Eligibility Criteria and Guidance, UCR standard /2/ |

(.a.iv) Baseline scenario

| | |
|--------------------------------------|--|
| Means of Project Verification | PCN, MR, General Project Eligibility Criteria and Guidance, UCR standard, adopted methodology of CDM AMS. I.D. (Title: “Grid connected renewable electricity generation”, version 18), CEA data base to know the percentage of thermal power supplied to Indian Grid |
|--------------------------------------|--|

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|-------------------|---|
| Findings | The identified baseline scenario is verified to be correct |
| Conclusion | In the absence of the project activity, the equivalent amount of electricity would have been generated from the regional grid (which is connected to the unified Indian Grid system), which is carbon intensive due to predominantly sourced from fossil fuel-based power plants. Hence, baseline scenario of the project activity is the grid-based electricity system, The identified baseline scenario meets the requirements of General Project Eligibility Criteria and Guidance, UCR standard /2/ and UCR verification standard /3/. |

(.a.v) Estimation of emission reductions or net anthropogenic removal

| | |
|--------------------------------------|---|
| Means of Project Verification | Metering report, UCR standard, CEA CO ₂ data base and excel calculation sheet |
| Findings | Furnished information is verified to be correct |
| Conclusion | The net generation of electricity of the project activity for the monitoring period matches with that in the metering report. The emission factor adopted is appropriate.. The net emission reduction for the monitoring period 9/10/2020 to 31/08/2022 is 1851 tCO ₂ eq (rounded down) or CoUs /9/ |

(.a.vi) Monitoring Report

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|--------------------------------------|---|
| Means of Project Verification | The Meter Readings, ER calculation sheet calibration reports, MR & PCN |
| Findings | Furnished information is verified to be correct |
| Conclusion | The parameters grid emission factor is fixed ex ante and the net electricity exported to the grid are monitored as required by the adopted methodology of CDM AMS. I.D. (Title: “Grid connected renewable electricity generation”, version 18). The grid emission factor adopted is as per UCR standard for the period 2014-2020 is 0.9 t CO ₂ /MWh. The emission factor as per the latest CEA data for /20/ is also 0.9 t CO ₂ /MWh. The latest available emission factor has been adopted for the emission reduction calculations. The calculation of CoU generated for the monitoring period is verified to be correct and has been done adopting a conservative approach. The monitoring report adopts the latest template of UCR/8/ and meets the requirements of UCR verification standard /2/. |

Start date, crediting period and duration

| | |
|--------------------------------------|---|
| Means of Project Verification | PCN, MR, Commissioning certificates, Metering report |
| Findings | The furnished information is verified and found to be correct. |
| Conclusion | <p>The monitoring period is from 9/10/2020 to 31/08/2022. From the Plant Handover Certificate issued by Mahindra Susten Pvt. Ltd /14/ it is seen that the facility is commissioned on 04/10/2020.</p> <p>The start date, the monitoring period are reported correctly and meet the requirements of the UCR Program manual /1/, UCR General Project Eligibility Criteria and Guidance /2/ and UCR verification standard /3/.</p> |

Positive Environmental impacts

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|--------------------------------------|--|
| Means of Project Verification | PCN and interview |
| Findings | Nil. Furnished information is verified and found to be correct. |
| Conclusion | The project activity creates positive impact on the environment and meets the requirements of UCR Program manual /1/, UCR General Project Eligibility Criteria and Guidance /2/ and UCR verification standard /3/. |

Project Owner- Identification and communication

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|--------------------------------------|--|
| Means of Project Verification | The PCN, Net metering agreement, Plant Handover Certificate, CEIG approval. |
| Findings | Nil. The furnished information is verified and found to be correct |
| Conclusion | The project owner is Berger Paints India Limited located at Jejuri Village, Pune District, State Maharashtra, as verified from the Plant Handover /14/ and Purchase Order /10/ given for the project and Net metering agreement./13/ |

Positive Social Impact

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| Means of Project Verification | Project activity has provided temporary employment to the local population during the construction phase of the project activity. Also few personnel have been employed permanently since commissioning of the project activity. The project activity has created positive social impact in the region |
| Findings | Nil |
| Conclusion | Project has an overall positive social impact. |

Sustainable development aspects (if any)- N/A

| | |
|--------------------------------------|-----|
| Means of Project Verification | N/A |
| Findings | |
| Conclusion | |

Internal quality control

The following ensure quality control of the verification

- It is ensured that there is no conflict of interest as the verifier has no other engagement related to the project activity either with the aggregator or with the project owner directly or otherwise.
- Verification activity is carried out by experienced personnel.

Project Verification opinion

The verification of the project activity titled ‘998.64 kWp Grid Connected Rooftop Solar Plant at Berger Paints, Jejuri, Maharashtra, India’ is carried out based on the UCR Protocol for the monitoring period 9/10/2020 to 31/08/2022. The baseline of the project activity is with reference to UCR Protocol Standard Baseline adopted by the CDM Small Scale Methodology : AMS-I.D.: “Grid connected renewable electricity generation”, version 18.

The verification is based on the Project concept note version 2 dated 19/12/2022 and Monitoring report version 2 dated 20/12/2022.

In my opinion the emission reduction for the monitoring period is fairly stated and the emission reductions have been correctly calculated as per the adopted methodology and UCR standard version 3.

I am able to certify the emission reduction from the project activity Grid Connected Rooftop Solar Plant at Berger Paints, Jejuri, Pune, Maharashtra, India ’ for the monitoring period 9/10/2020 to 31/08/2022 is 1851 tCO₂ eq (rounded down)

Abbreviations

| Abbreviations | Full texts |
|----------------------|-----------------------------------|
| CAR | Corrective Action Request |
| CDM | Clean Development Mechanism |
| CEA | Central Electricity Authority |
| CL | Clarification Request |
| COU | Carbon Offset Units |
| FAR | Forward Action Request |
| GHG | Green House Gases |
| kWH | Kilo Watt Hour |
| tCO ₂ eq | Tons of Carbon dioxide Equivalent |
| PA | Project Aggregator |
| MR | Monitoring Report |
| N/A | Not Applicable |
| PCN | Project Concept Note |

| | |
|-----|------------------------------|
| SDG | Sustainable Development Goal |
| SPV | Solar Photo Voltaic |
| UCR | Universal Carbon Registry |
| VR | Verification Report |
| VS | Verification Statement |

Competence of team members and technical reviewers

S.Ranganathan, holds a Bachelor's Degree in Chemical Engineering and has done diploma course in Management and completed the graduate ship course in Industrial Engineering and has an overall working experience of around thirty eight years. He has around twenty four years experience in Chemical process industry (fertilizer & petrochemical manufacturing) covering production, technical services including energy audits and efficiency studies, waste heat recovery, efficiency studies of boilers, power plants, safety audits and pollution control activities including waste water treatment, project management, corporate planning, sales, logistics in fertilizer & petrochemical industry. With respect to the thermal power plant the job assignment included the monitoring of flue gas exit temperatures, excess air used efficiency of fuel additives, condition of boiler refractory, insulation of steam lines etc. The experience also includes 5 years in process design & engineering for chemical process industry. He is qualified validator, verifier and Technical Reviewer for GHG projects (CDM, Gold Standard, VCS, UCR). He has completed the ISO lead auditor course on Quality Management System, Environmental Management System, Energy Management System, Occupational Health Safety Management System. His qualification, industrial experience and experience in CDM demonstrate his sufficient sectoral competence in areas of (a) 1.1 Thermal energy generation from fossil fuels and Biomass including thermal electricity from solar (b) 1.2 Energy generation from renewable energy sources (c) 2.2 Heat distribution (d) 5.1/11.1/12.1 Chemical Processes Industries and (e) 13.1 Waste handling and disposal.

He has done validation/verification and Technical review of over two hundred projects.

Document reviewed or referenced

| No. | Author | Title | References to the document | Provider |
|-----|-----------------------------|---|----------------------------|------------|
| 1 | UCR | Universal Carbon Registry Program Manual Ver 4.0 | | Verifier |
| 2 | UCR | General Project Eligibility Criteria and Guidance Version 6.0 | | Verifier |
| 3 | UCR | UCR Program Verification Standard version 2 | | Verifier |
| 4 | UCR | Project Concept Note | | |
| 5 | UCR | Verification Report Format | | |
| 6 | Berger Paints India Limited | Double Accounting Assurance dated 8/11/2022 | | Aggregator |
| 7 | Berger Paints India Limited | Project Concept Note Ver 2.0 dated 19/12/2022 | | Aggregator |

| | | | | |
|----|-------------------------------------|--|--|------------|
| 8 | Berger Paints India Limited | Monitoring Report ver 2.0 dated 20/12/2022 | | Aggregator |
| 9 | Berger Paints India Limited | ER calculation sheet for Berger Paints,Jejuri | | Aggregator |
| 10 | Berger Paints India Limited | EPC contract purchase order, dated 14.02.2020 | | Aggregator |
| 11 | Mahindra Susten Pvt.Ltd | Grid Connected System-Simulation parameters dated 23/01/2020 | | Aggregator |
| 12 | Mahindra Susten Private Limited | Single line diagram | | Aggregator |
| 13 | Maharashtra State Electricity Board | Net metering agreement dated 15/02/2021 | | Aggregator |
| 14 | Mahindra Susten Private Limited | Plant handover certificate dated 3/4/2021 mentioning commissioning date as 4/10/2020 | | Aggregator |
| 15 | Berger Paints India Limited | Photos of the installation | | |
| 16 | Berger Paints India Limited | Day wise generation report from SCADA covering the monitoring period. | | |
| 17 | Secure | Test certificate of meters S.No x1449540,x1449537,x1449538, x1449539 dated 13/11/2020 | | |
| 18 | CEIG approval | Regional Electricity inspection board, dated 29/09/2020 | | |
| 19 | UNFCCC | CDM Small Scale Methodology : AMS-I.D.: “Grid connected renewable electricity generation”, version 18. | | Verifier |
| 20 | CEA | 2020-21 CEA Database for grid emission factor | | Verifier |
| 21 | Berger Paints India Limited | Photos of meter and project site | | Aggregator |

Clarification request, corrective action request and forward action request

Table 1. CLs from this Project Verification

| CL ID | 01 | Section no. | B.2. of PCN | Date: 23/10/2022 |
|---|----|-------------|-------------|-------------------------|
| Description of CL | | | | |
| Under section B.2. Applicability of methodologies and standardized baselines in the justification for applicability condition 1 supply of electricity to grid is not mentioned. | | | | |
| Project Owner's response | | | | Date: 20/12/2022 |

| | | | | |
|---|----|--------------------|------------------|--------------------------|
| The energy generated will be utilized for captive consumption within the premises of the manufacturing facility of Berger Paints India Limited and any excess real-time energy will be exported to the grid. | | | | |
| Documentation provided by Project Owner | | | | |
| PCN Version 02 dated 19/12/2022 | | | | |
| UCR Project Verifier assessment | | | | Date: 23/12/2022 |
| <i>In the PCN version 2 dated 19/12/2022 under section B.2. the explanation on the applicability condition has been detailed. It meets the requirements of the methodology AMS.I.D version 18 adopted for the project activity.</i> | | | | |
| <i>CL is closed</i> | | | | |
| CL ID | 02 | Section no. | B.4.of PCN | Date: 23/10/2022 |
| Description of CL | | | | |
| Diagram showing the project boundary is not seen in section B.4. of the PCN | | | | |
| Project Owner's response | | | | Date: 20/12/2022 |
| Project boundary diagram included in the section B.4 | | | | |
| Documentation provided by Project Owner | | | | |
| Revised PCN Version 02 dated 19/12/2022 | | | | |
| UCR Project Verifier assessment | | | | Date: 23/12/2022 |
| <i>In the revised PCN Version 02 dated 19/12/2022, the diagram depicting the project boundary is included.</i> | | | | |
| <i>CL is closed.</i> | | | | |
| CL ID | 03 | Section no. | B.8.of PCN | Date: 23/10/2022 |
| Description of CL | | | | |
| For the monitored parameter EGPI, y the procedure that will be adopted when the available energy meter fails is not detailed. | | | | |
| Project Owner's response | | | | Date: 12/11/2022 |
| If the current energy meter fails in recording the generation, we will not claim any COUs for that period. | | | | |
| Documentation provided by Project Owner | | | | |
| - | | | | |
| UCR Project Verifier assessment | | | | Date 16/12/2022 |
| <i>The Project owner has mentioned that no emission reduction will be claimed when the meter malfunctions. This is a conservative approach and so accepted.</i> | | | | |
| <i>CL is closed</i> | | | | |
| CL ID | 04 | Section no. | Section C9 of MR | Date : 23/10/2022 |
| Description of CL | | | | |
| Comparison of the GHG emissions achieved during the current monitoring period is not compared against the estimated reductions for the corresponding period indicated in the PCN. | | | | |
| Project Owner's response | | | | Date: 20/12/2022 |

| | | | | |
|--|----|--------------------|--------------------|--------------------------|
| Comparison of the GHG emissions achieved during the current monitoring period is provided | | | | |
| Documentation provided by Project Owner | | | | |
| MR version 02 dated 20/12/2022 | | | | |
| UCR Project Verifier assessment | | | | Date: 23/12/2022 |
| <i>The comparison of the estimated and actual emission reduction achieved is provided in the revised MR version 02 dated 20/12/2022. CL is closed.</i> | | | | |
| | | | | |
| CL ID | 05 | Section no. | Section C 10 of MR | Date: 23/10/2022 |
| Description of CL | | | | |
| The monthly bills/invoices for the current monitoring period is not provided to enable cross checking as per the PCN. | | | | |
| Project Owner's response | | | | Date: 12/11/2022 |
| Generation data as per SCADA system is providing for cross checking | | | | |
| Documentation provided by Project Owner | | | | |
| SCADA generation report covering the monitoring period. | | | | |
| UCR Project Verifier assessment | | | | Date : 16/12/2022 |
| <i>The generation details in the SCADA report /15/ were crosschecked with that provided in the excel and MR. No discrepancy noticed. CL is closed.</i> | | | | |
| | | | | |
| CL ID | 06 | Section no. | Section C 10 of MR | Date: 23/10/2022 |
| Description of CL | | | | |
| The calibration certificates of the meters relevant to the current monitoring period is not available. The same to be included in the MR against the monitored parameter | | | | |
| Project Owner's response | | | | Date: 12/11/2022 |
| Calibration certificate providing to DOE, and the same is including in monitored parameters. | | | | |
| Documentation provided by Project Owner | | | | |
| Test certificate of meters issued by Secura for meters x1449540,x1449537,x1449538,x1449539 dated 13/11/2020 | | | | |
| UCR Project Verifier assessment | | | | Date: 16/12/2022 |
| <i>The perusal of the calibration certificate /16/ confirms that the meter is working within its specified accuracy level. CL is closed</i> | | | | |
| | | | | |
| CL ID | 07 | Section no. | | Date: 23/10/2022 |
| Description of CL | | | | |
| In the excel sheet giving ER calculations cell E7,gives conversion to Mwh and ER is calculated based on this. It is seen that Mwh is rounded off. It can be rounded down or truncated. | | | | |
| Project Owner's response | | | | Date: 12/11/2022 |
| Net generation MWh value is rounded down in ER Sheet. | | | | |

| | |
|--|-------------------------|
| Documentation provided by Project Owner | |
| ER calculation sheet for Berger Paints,Jejuri | |
| UCR Project Verifier assessment | Date: 16/12/2022 |
| <i>In the revised Excel sheet provided the value is not rounded up but truncated which is conservative for emission reduction calculations. CL is closed</i> | |

Table 2. CARs from this Project Verification



| | | | | |
|--|---|--------------------|-------------------|-------------------------|
| CAR ID | 1 | Section no. | Section A6 of PCN | Date: 23/10/2022 |
| Description of CAR | | | | |
| Under section A.6. of Baseline Emissions in the PCN, the project scenario is not seen. | | | | |
| Project Owner's response | | | | Date: 20/12/2022 |
| Project scenario included in the report | | | | |
| Documentation provided by Project Owner | | | | |
| PCN Version 02 dated 19/12/2022 | | | | |
| UCR Project Verifier assessment | | | | Date: 23/12/2022 |
| <i>In the revised PCN ver 02 dated 9/11/2022 the project scenario is included. CAR is closed.</i> | | | | |
| CAR ID | 2 | Section no. | Section C5 of MR | Date: 23/10/2022 |
| Description of CAR | | | | |
| The emission factor recommended by UCR is for the period 2014-2020.Please justify the adoption of this value for the current monitoring period of 9/10/2020 to 31/08/2022. | | | | |
| Project Owner's response | | | | Date: 12/11/2022 |
| The grid emission factor of 0.9 tCO ₂ /MWh has been considered for the entire monitoring period, as a conservative measure. | | | | |
| Documentation provided by Project Owner | | | | |
| - | | | | |
| UCR Project Verifier assessment | | | | Date: 23/12/2022 |
| <i>The grid emission factor adopted is as per UCR standard for the period 2014-2020 is 0.9 t CO₂/MWh. The emission factor as per CEA data /19/ for 2020-21 which is the latest publically available data is also 0.9 t CO₂/MWh. So adoption of the emission factor mentioned in UCR standard is accepted. CAR is closed.</i> | | | | |

Table 3. FARs from this Project Verification

| | | | | |
|--|----|--------------------|--|-------------------------|
| FAR ID | xx | Section no. | | Date: DD/MM/YYYY |
| Description of FAR | | | | |
| <i>No FAR has been raised.</i> | | | | |
| Project Owner's response | | | | Date: DD/MM/YYYY |
| | | | | |
| Documentation provided by Project Owner | | | | |
| | | | | |
| UCR Project Verifier assessment | | | | Date: DD/MM/YYYY |
| | | | | |

Appendix-A

Details of meters

| Description | S.No. | Photograph |
|-------------|---|--|
| Main Meter | 1) Sr. No: X1449537 2) Sr. No: X144938 3) Sr. No: X144939 4) Sr. No: X144940 |   |

