

NATURELINK SOLUTIONS PRIVATE LIMITED

REG.OFFICE: H. NO. 6/121/1A, PLOT NO. G-1, VAIRAGI NI WADI, NEAR DELHI GATE SURAT – 395007
Email: audit@thenaturelink.in

Verification Report UCR ID:133



Title	2 MW Small Scale Gunjawani Hydro Electric Project By M/S Ashoka Sthapatya Pvt. Ltd.
Project Owner	M/S Ashoka Sthapatya Pvt. Ltd.
Project Location	Village : Dhanep, Ta. Velhe, Dist. Pune, Maharashtra, India
Auditor	Mr. Shardul Amin, Lead Verifier, Email: audit@thenaturelink.in, Contact: +91- 7574804497, Naturelink Solutions Pvt. Ltd.
Date	07/11/2022

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COVER PAGE	
Project Verification Report Form (VR)	
BASIC INFORMATION	
Name of approved UCR Project Verifier / Reference No.	Naturelink Solutions Pvt Ltd
Type of Accreditation	<input type="checkbox"/> CDM 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	May-2022 onwards
Completion date of this VR	07/11/2022
Title of the project activity	2 MW Small Scale Gunjawani Hydro Electric Project By M/s Ashoka Sthapatya Pvt. Ltd..
Project reference no. (as provided by UCR Program)	133
Name of Entity requesting verification service (can be Project Owners themselves or any Entity having authorization of Project Owners, example aggregator.)	Creduce Technologies Pvt. Ltd.
Contact details of the representative of the Entity, requesting verification service (Focal Point assigned for all communications)	Creduce Technologies Pvt. Ltd, Contact: +91-9016850742 Address: 2-O-13,14 Housing Board Colony, Banswara, Rajasthan - 327001, India.
Country where project is located	India
Applied methodologies (Approved methodologies by UCR Standard used)	AMS-I.D.: "Grid connected renewable electricity generation", version 18
Project Verification Criteria: Mandatory requirements to be assessed	<input checked="" type="checkbox"/> UCR Standard <input checked="" type="checkbox"/> Applicable Approved Methodology <input type="checkbox"/> Applicable Legal requirements /rules of host country



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	<input checked="" type="checkbox"/> Eligibility of the Project Type <input checked="" type="checkbox"/> Start date of the Project activity <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 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:	Mr. Shardul Amin, the lead verifier of the Naturelink Solutions Pvt Ltd (UCR approved) has verified the UCR Project Activity "2 MW Small Scale Gunjawani Hydro Electric Project By M/s Ashoka Sthapatya Pvt. Ltd. <input checked="" type="checkbox"/> The Project Owner has correctly described the Project Activity in the Project Concept Note (dated 31/03/2022) including the applicability of the approved methodology A.M.S I. D 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. <input checked="" type="checkbox"/> The Project Activity is likely to generate GHG emission

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	<p>reductions amounting to the estimated 16056 tCO₂e, as indicated in the PCN, 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 rules and therefore recommends UCR Program to register the Project activity with above mentioned labels.</p>
Project Verification Report, reference number and date of approval	Verification Report UCR Project ID: 133 Date: 07/11/2022
Name of the authorised personnel of UCR Project Verifier and his/her signature with date	  07.11.2022 Mr. Shardul Amin, Lead Verifier, Naturelink Solutions Pvt. Ltd Date : 07/11/2022

Project Verification Report

A. Executive Summary

The verification work has been contracted by project aggregator Creduce Technologies Pvt Ltd to perform an independent verification of its UCR project titled “**2 MW Small Scale Gunjawani Hydro Electric Project By M/s Ashoka Sthapatya Pvt. Ltd. UCR approved project ID:133**”, to establish number of CoUs generated by project over the crediting period from 25/11/2018 to 31/12/2021 (both days included).

Verification for the period : 25/11/2018 to 31/12/2021

In my opinion, the total GHG emission reductions over the crediting / verification period stated in the Monitoring Report (MR), submitted to me is found to be correct and in line with the UCR guidelines.

The GHG emission reductions were calculated on the basis of UCR Protocols which draws reference from, Standard Baseline, AMS.I-D – Grid connected renewable electricity generation (Version 18.0). The verification was done remotely by way of video calls, phone calls and submission of documents for verification through emails as per UCR guidelines.

I am able to certify that the emission reductions from the 2 MW Small Scale Gunjawani Hydro Electric Project By M/s Ashoka Sthapatya Pvt. Ltd., UCR (UCR ID – 133) for the period 25/11/2018 to 31/12/2021 amounts to 16056 CoUs (16056 tCO₂e).

Scope

The scope of the verification is the independent, objective review and ex-post determination of the monitored reductions in GHG emission by the project activity.

1. The quality of data management and records of underlying data;
2. Completeness and accuracy of calculations and baseline emission reports;
3. Proper inclusion and documentation of all project locations,
4. Correct application of offset rules for filling baseline period data gaps;
5. Other data, methods and procedures deemed necessary to establish the accuracy of emission reductions.
6. Agreement stating Assurance to avoid double accounting for the project to be verified, along with required proof.

The project is assessed against the requirements of the UCR programme verification Guidance Document, UCR Standard, UCR Programme Manual and related rules and guidelines. Due professional care has been exercised and ethical conduct has been followed by the assessment team during the verification process. The verification report is a fair presentation of the verification activity. The validation of project is not part of present assignment and projects deemed validated post registration by UCR.

Description of the Project

The project consists of a hydro turbine having installed capacity of 2000 kW which was commissioned on 25/11/2018 at in district Pune, Maharashtra. M/s Ashoka Sathapatya Pvt. Ltd. is the promoter of this project. It is a run of river development with installed capacity of 2 MW Kaplan turbine has been envisaged with the purpose of exploiting the power potential of

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left bank canal of Gunjawani irrigation dam, which utilizes water from Kanand River. The details of the project activity are verified with the project report copy submitted for verification.

As mentioned in the monitoring report and emission reduction calculation sheet submitted for the verification, the project replaces anthropogenic emissions of greenhouse gases (GHGs) estimated to be approximately **16056 tCO₂e** for the said period under verification, there on displacing **17841 MWh** amount of electricity from the generation mix of power plants connected to the Indian electricity grid, which is mainly dominated by the fossil-fuel based power plant.

The project activity is a grid connected renewable energy generation project having capacity of less than 15 MW. The project is a small-scale activity. The methodology applied in the Monitoring Report is verified against the A.M.S I. D “Grid connected renewable electricity generation” version 18.0.

Verified total emission reductions achieved through the project activity during the monitoring period is summarised below:

Summary of the Project Activity and ERs Generated for the Monitoring Period

Start date of this Monitoring Period	25/11/2018
Carbon credits claimed up to	31/12/2021
Total ERs generated (tCO ₂ eq)	16056 tCO ₂ e
Project Emission	0
Leakage Emission	0

B. Project Verification team, technical reviewer and approver:

No.	Role	Last name	First name	Affiliation	Involvement in		
					Doc review	Off-Site inspection	Interviews
1.	Lead Verifier	Amin	Shardul	Naturelink Solutions Pvt Ltd. (UCR authorised verifier)	Yes	No	Yes

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C. Means of Project Verification

C.1 Desk/document review

The project documents submitted to UCR approved verifier Naturelink Solutions Pvt. Ltd., was reviewed by the technical expert and validated by the lead verifier. The documents reviewed includes verification of legal status of individual project owner for consistency, project related documents like installation and commissioning of equipment used in project activity, environmental clearances from state or Central Pollution Control Board (CPCB), monitoring related parameters including measuring instruments and their calibration records for the crediting period etc.

The PCN is made available to verifier post approval by UCR which is considered as validated documents and the content of validated PCN are considered as record wherever required. Further the communication agreement made between project owner and project aggregator is document of UCR registry hence the project aggregator is treated as authorized representative of project owner. All the documents submitted by project aggregator to verifier is treated as documents submission on behalf of project owner.

The list of submitted document is available in subsequent section of this verification report under section “Document reviewed or referenced”-section I.

C.2 On-Site inspection- Not applicable.

Date of off-site inspection: DD/MM/YYYY to DD/MM/YYYY		Not applicable as per UCR guideline site visit not conducted for this verification activity.	
No.	Activity performed Off-Site	Site location	Date
1.			

C.3 Interviews: Not applicable

As per UCR guideline the site visit was not conducted during the course of verification and only online interviews are conducted.

No.	Interview			Date	Subject
	Last name	First name	Affiliation		
1.	Jadhav	Amol	Project In-charge, M/S Ashok Sthapatya	04/11/2022	Meter calibration, project overview.

C.4 Sampling approach: Not applicable

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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	NIL	NIL
Application and selection of methodologies and standardized baselines	--	--	--
- Application of methodologies and standardized baselines	NIL	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	NIL	NIL	NIL
- Baseline scenario	NIL	NIL	NIL
- Estimation of emission reductions or net anthropogenic removals	NIL	NIL	NIL
- Monitoring Report	NIL	NIL	NIL
Start date, crediting period and duration	NIL	NIL	NIL
Environmental impacts	NIL	NIL	NIL
Project Owner- Identification and communication	NIL	NIL	NIL
Others (please specify)	NIL	NIL	NIL
Total	NIL	NIL	NIL

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D. Project Verification findings

D.1 Identification and eligibility of project type

Means of Project Verification	Project has taken reference of CDM methodology AMS-I D, version 18 Grid Connected Renewable Electricity Generation.
Findings	<ol style="list-style-type: none">1. Project activity is described through UCR approved PCN.2. UCR project communication agreement clearly defines the Project Proponent and Project Aggregator.
Conclusion	<p>The UCR approved format is used for description and project meets the requirement of UCR verification standard and UCR project standard.</p> <p>UCR project communication agreement submitted to verifier and the same has been verified. Methodology referenced and applied appropriately describing the project type. The eligibility of project aggregator is verified using UCR communication agreement, Project correctly applies the verification standard, UCR project standard and UCR regulations.</p> <p>The project activity is overall meeting the requirements of UCR Verification standard and UCR project standard.</p>

D.2 General description of project activity

Means of Project Verification	The project activity involves the setting up of a run-of-river hydro power plant. The commissioning certificate and DPR are referred. The project capacity was verified through PPA, purchase order/ invoices of turbine and JMR provided. The power evacuation at the Substation is confirmed by electricity generation sheet.
Findings	<ol style="list-style-type: none">1. Project Commissioning date is mentioned in the commissioning certificate.2. Turbine Capacity is same as mentioned technical specifications.3. Project implementation and sale of energy abide the power purchase agreement.
Conclusion	The description of the project activity is verified to be true based on the review of PCN, MR, Commissioning Certificate, Purchase Order Copies and Technical Specification sheet.

D.3 Application and selection of methodologies and standardized baselines

D.3.1 Application of methodology and standardized baselines

Means of Project Verification	Project has taken reference of CDM methodology A.M.S-I.D. CDM website is referred to check the latest version of the methodology. For the applicability mentioned in the PCN and MR, Commissioning certificate, Detailed Project Report and PPA documents were referred.
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Findings	The methodology applied is applicable for the project activity.
Conclusion	Methodology application is appropriate meeting the requirements of UCR and its standardized baseline. The methodology version is correct and valid. Referenced methodology is applicable to project activity.

D.3.2 Clarification on applicability of methodology, tool and/or standardized baseline

Means of Project Verification	The documents reviewed are A.M.S I. D “Grid connected renewable electricity generation” version 18, UCR Program standard, and UCR Verification Standard.
Findings	Emission factor is taken as per the UCR standards.
Conclusion	The emission factor considered for the calculation of the emission reductions is verified with the UCR Program Standard. The total installed electrical energy generation capacity of the project equipment does not exceed 15 MW thus meeting the requirement of small-scale project.

D.3.3 Project boundary, sources and GHGs

Means of Project Verification	Letter from CPCB dated 07/03/2016 No. B-29012/ESS(CPA)/2015-16. PCN section B.4.
Findings	Project boundary is appropriately defined in PCN version 01 which is physical and geographical site of power house.
Conclusion	Project boundary is correctly defined in revised PCN version 01. GHG source correctly identified and reported. The project meets the requirements of UCR project standard, Verification standard and methodology requirements for boundary, GHG source.

D.3.4 Baseline scenario

Means of Project Verification	PCN Section B.5 and General Project Eligibility Criteria and Guidance, UCR Standard.
Findings	Declared information is correct and verified.
Conclusion	Baseline scenario is appropriately described. The conservative value for emission considered. The baseline scenario is in accordance with UCR project verification standard and UCR project standard.

D.3.5 Estimation of emission reductions or net anthropogenic removal



Means of Project Verification	Joint Meter Reading Reports, and General Project Eligibility Criteria and Guidance, UCR Standard, page 4.
Findings	None

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Conclusion	Emission reductions are correctly calculated. The instruments are calibrated and hence the emission reduction is reported correctly and meets the requirements of UCR verification standard and UCR project standard.
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D.3.6 Monitoring Report

Means of Project Verification	<p>Meter Calibration reports, Joint Meter Reading Reports, and General Project Eligibility Criteria and Guidance, UCR Standard, page 4.</p> <p>Energy meters installed at the site:</p> <p>Existing Main meter</p>  <p>Existing Check meter</p> 
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Findings	None												
Conclusion	Meter testing reports are provided PP.												
	<table><tr><th>Meter</th><th>Make</th><th>Sr. No</th><th>Calibration date</th></tr><tr><td>Main</td><td>Elster</td><td>02843276</td><td>29/11/2018</td></tr><tr><td>Check</td><td>Elster</td><td>02843271</td><td>29/11/2018</td></tr></table>	Meter	Make	Sr. No	Calibration date	Main	Elster	02843276	29/11/2018	Check	Elster	02843271	29/11/2018
	Meter	Make	Sr. No	Calibration date									
	Main	Elster	02843276	29/11/2018									
	Check	Elster	02843271	29/11/2018									
As per Central Electricity Authority (Installation and Operation of Meters) (Amendment) Regulations, 2019 clause 14 (i)-b “All Interface Meters shall be tested on-site using accredited test laboratory for routine accuracy testing at least once in five years and recalibrated if required.													
The Calibration reports are verified with available serial number of meters. The errors are within permissible limits.													
Monitoring parameter as reported through MR adequately represents the parameters relevant to emission reduction calculation. The number of CoUs generation is calculated based on this accurately reported data. The calculation was done using excel sheet where all the parameters are reported. The emission factor for electricity is as per UCR standard for electricity component. Based on monitoring report, emission reduction calculations are correctly calculated. The monitoring report meets the requirements of UCR project verification requirements.													

D.4 Start date, crediting period and duration

Means of Project Verification	PCN and MR, Commissioning certificate, Detailed Project Report and PPA documents were referred.
Findings	Declared information is correct and verified.
Conclusion	The start date, crediting period and project duration reported correctly and this meets the requirements of UCR verification standard and UCR project standard.

D.5 Positive Environmental impacts

Means of Project Verification	PCN
Findings	Declared information is correct and verified.
Conclusion	The positive environmental impact meets the requirement of UCR verification standard and UCR project standard.

D.6 Project Owner- Identification and communication

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Means of Project Verification	PCN, Communication Agreement, MR, Commissioning certificate, Power Purchase Agreement.
Findings	Declared information is correct and verified.
Conclusion	Project owner identified through communication agreement signed between PP and PA. Equipment purchase order and commission verified. Also, legal document like Power Purchase Agreement clearly establishes the project owner. The identification and communication correctly meet the requirement of project verification and UCR project standard.

D.7 Positive Social Impact

Means of Project Verification	Project has provided temporary employment to local people during its installation and commissioning. Also post commissioning some of people have employed permanently and local people were engaged leading to social financial benefit to surrounding. Overall social impact of project implementation is positive on the surrounding area.
Findings	--
Conclusion	Project has overall positive social impact.

D.8 Sustainable development aspects (if any)

Means of Project Verification	Not Applicable
Findings	--
Conclusion	The Project has capability to address SDG 7 Affordable and Clean Energy and SDG 13 Climate Action

E. Internal quality control:

- Due professional care has been taken while reviewing the submitted document.
- There is no conflict of interest as the verifier has no other engagement with either aggregator or project owner directly or indirectly.
- Verification team consists of experience personnel.
- Technical review is performed by experienced and independent person.

F. Project Verification opinion:

Considering the above-mentioned verification conducted on the basis of UCR Protocol, which draws reference from UCR Protocol Standard Baseline, AMS.I. D – Grid connected renewable electricity generation (Version 18.0), the documents submitted during the verification including the data, Project Concept Note (PCN) / Monitoring Report (MR), I am able to certify that the emission reductions from the project - 2 MW Small Scale Gunjawani Hydro Electric Project By

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M/s Ashoka Sthapatya Pvt. Ltd. (UCR ID – 133) for the period 25/11/2018 to 31/12/2021 amounts to 16056 CoUs (16056 tCO_{2e}).

G. Abbreviations

Abbreviations	Full texts
UCR	Universal Carbon Registry
CPCB	Central Pollution Control Board
PGCIL	Power Grid Corporation of India Ltd.
MSEDCL	Maharashtra State Electricity Distribution Co. Ltd.
MR	Monitoring report
PCN	Project Concept Note
VR	Verification Report
VS	Verification Statement
DAA	Avoidance of Double Accounting Agreement
COD	Commercial Operation Date
PP/PO	Project Proponent / Project Owner
PA	Project Aggregator
PPA	Power Purchase Agreement
ER	Emission Reduction
CoUs	Carbon offset Units.
tCO _{2e}	Tons of Carbon Dioxide Equivalent
kWh	Kilo-Watt Hour
MWh	Mega-Watt Hour
kW	Kilo-Watt
MW	Mega-Watt
CDM	Clean Development Mechanism
SDG	Sustainable Development Goal
CAR	Corrective Action Request
CL	Clarification Request
FAR	Forward Action Request
GHG	Green House Gas
HEP	Hydro Electric Power

H. Competence of team members and technical reviewers

No.	Last name	First name	Affiliation	Technical Competence
1.	Amin	Shardul	Lead Verifier, Naturelink Solution Pvt Ltd.	Mr. Shardul Amin is post graduate having more than 5 years of experience in the field of waste to energy, thermochemical conversion technologies and emission study.

I. Document reviewed or referenced

No.	Author	Title	Provider
1	UCR	Communication Agreement	PA

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2	Creduce	Project Concept Note	PA
3	Creduce	Monitoring Report	PA
4	Creduce	Avoidance of double accounting	PA
5	Creduce	Emission Reduction Excel	PA
6	MSEDCL	JMR (2018- 2021)	PA
7	Elster	Meter Calibration	PA
8	MSEDCL	PPA	PA
9	MSEDCL	Commissioning Certificate	PA

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J. Clarification request, corrective action request and forward action request

Table 1. CLs from this Project Verification

CL ID	XX	Section no. :		Date:
Description of CL				
Project Owner's response				Date:
Documentation provided by Project Owner				
UCR Project Verifier assessment				Date:

Table 2. CARs from this Project Verification

CAR ID	XX	Section no. :		Date:
Description of CAR				
Project Owner's response				Date:
Documentation provided by Project Owner				
UCR Project Verifier assessment				Date:

Table 3. FARs from this Project Verification

FAR ID	XX	Section no.		Date: DD/MM/YY YY
Description of FAR				
Project Owner's response				Date: DD/MM/YY YY
Documentation provided by Project Owner				
UCR Project Verifier assessment				Date: DD/MM/YY YY

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ANNEXURE I: Photographs of the power plant



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Date of grid synchronization

 MAHAVITARAN Maharashtra State Electricity Distribution Co. Ltd. (A Govt. of Maharashtra undertaking) CIN : U40109MH20055GC153645	
Tel : 26137248 , 26138183, 26137669 (P) Fax : 26137238 Email: seprc@mahadiscom.in Website: www.mahadiscom.in	Block No.301, 2 nd Floor Administrative Building, Rasta Peth Pune – 411011
SE/PRC/T/HT/Hydro Gen / Ashoka / No 677T	
Date: 11 DEC 2018	
To, M/s Ashoka Sthapatya Pvt. Ltd. Gunjawani Hydro Project , Dhanap, Tal- Velha, Dist.-Pune	
Sub:- Regarding Commercial Operation Date.	
Ref: 1) T.O.L. No. SE/PRC/T/HT/REL/06568, Dt. 20.11.2018 2) Consumer letter received on Dt. 26.11.2018 3) EE/PRTD/T/HT/ 007131, dated 29.11.2018 4) Dy.EE/NSR/T/B/HT/1392, dated 30.11.2018	
Dear Sir,	
This is reference to your application under reference '2', requesting undersigned to issue the certificate about successful commissioning of your Small Hydro Plant & Commercial operation has been started successfully. In this regard the undersigned has considered your request & it is declared that your Small Hydro Power Plant of 2.0 MW has been successfully commissioned & synchronized with MSEDCL Grid at 33KV level on 25.11.2018 at 17.00 Hrs as per the reports received from EE Testing & EE Mulshi vide letter under reference 3 & 4.	
This is for your information & further needful please.	
 (Rajendra V. Pawar) Superintending Engineer Pune Rural Circle	
Copy s. w. r. to	
1) The Regional Director [Pune Region] MSEDCL, Prakash Bhavan, Punefor favor of information please.	
2) The Chief Engineer (P.P) , MSEDCL , Prakashgad , Bandra (E) Mumbaifor favor of information please.	
3) The Chief Engineer , MSEDCL Zone Office, Pune ,for favor of information please.	
4) The Chief Engineer , EHV PC O&M MSEDCL Zone Office, Pune ,for favor of information please.	

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Energy generation Dec-2021

Individual Credit Note

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO.LTD.					
(Corporate Office)					
Energy Purchase Agreement					
					Metering Point No. :- 0214469403
Date of Comm : 25-NOV-2018			Month : Dec Year : 2021		
H.O. NOC NO : 1000007901			Capacity : 2 MW		
Energy Purchase Agreement - Sale to MSEDCL			Feeder Name : 403		
H.O. NOC Period : 25-NOV-2018 to 24-NOV-2053			Substation Name : 33/11 KV PABE SUBSTATION		
To,					
Ashoka Sthapatya Pvt Ltd, - Solapur.					
Sub :- Monthly Credit Note in respect of Ashoka Sthapatya Pvt Ltd					
AT DHANEP,VELHE,PUNE DHANEP,VELHE,PUNE .					
Ref :- Energy Purchase Agreement - Sale to MSEDCL, CE PP/NCE/HYDRO/EPA-AS(2 MW) /NO. 30199 DT. 11.12.2017, from 25-NOV-2018 to 24-NOV-2053					
Meter Make : 057		Meter Serial No. : 02843276			
Line CT Ratio : 50/5		Line PT Ratio : 33/0.110			
Meter CT Ratio : 5/5		Meter PT Ratio : 11/0.11		Hence M.F. : 30	Polarity : REC
Sr. No.	Parameter	Billing Meter Reading as on Current (Date)	Billing Meter Reading as on Previous (Date)	Difference	Unit Recorded by Billing Meter
1.	KWH DEL	510.620	374.225	136.395	4091.850
2.	KWH DEL A	135.875	96.648	39.228	1176.825
3.	KWH DEL B	230.828	172.623	58.205	1746.150
4.	KWH DEL C	51.585	35.888	15.698	470.925
5.	KWH DEL D	92.333	69.068	23.265	697.950
6.	KWH REC	48173.438	48173.438	0.000	0.000
7.	KWH REC A	17037.898	17037.898	0.000	0.000
8.	KWH REC B	17294.410	17294.410	0.000	0.000
9.	KWH REC C	5753.310	5753.310	0.000	0.000
10.	KWH REC D	8087.820	8087.820	0.000	0.000
11.	KVAH DEL	610.033	450.698	159.335	4780.050
12.	KVAH REC	48642.168	48642.168	0.000	0.000
13.	KVARH Q1	150.995	113.775	37.220	1116.600
14.	KVARH Q2	149.928	111.603	38.325	1149.750
15.	KVARH Q3	6948.803	6948.803	0.000	0.000
16.	KVARH Q4	1.935	1.935	0.000	0.000
Import i.e. Generation Power Factor			Export i.e. Consumption from MSEDCL Grid Power Factor		
Kwh / Kvah = 0			Kwh / Kvah = .85603		
KWH Unit	0	Zone	KWH DEL Units Credit	KWH REC Units Credit	Units for Credit (KWH)
KWH Rate	4.64	Zone A	1176.825	0.0	-1176.83
KWH Charges	0	Zone B	1746.15	0.0	-1746.15
RKVAH Unit	0	Zone C	470.925	0.0	-470.93
RKVAH Rate	.25	Zone D	697.95	0.0	-697.95
RKVAH Charges	0	Total	4091.85	0.0	-4091.85

* This is an electronically generated report, sign is not required.

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NATURELINK SOLUTIONS PRIVATE LIMITED

REG.OFFICE: H. NO. 6/121/1A, PLOT NO. G-1, VAIRAGI NI WADI, NEAR DELHI GATE SURAT – 395007
Email: audit@thenaturelink.in