

On-Site Verification Audit Plan

1. Objectives

- To verify that the project design, as documented is sound and reasonable, and meets the identified criteria.
- To provide assurance of the project quality to the stakeholders and its generation of emission reductions (GS-CER).

2. Title of the project activity : GS Verification of “CYY Biopower Wastewater treatment plant including biogas reuse for thermal oil replacement and electricity generation Project, Thailand” (UNFCCC no: 2141; GS project id: GS560; ID: 103000000002356)

Monitoring period: 21st August 2013 to 14th September 2014 and 15th September 2014 to 30th April 2016

3. Date of audit : 20th February and 21st February 2017 (two days)

4. Site of audit and visit :

S. No.	Location / Address (Geographical aspects)	Day
1.	Onsite visit to the project site	Day 1
2.	Document Review at the project site	Day 2

5. Scope of audit :

Methodology applied	AM0022 version 4.0 “Avoided Wastewater and On-site Energy Use Emissions in the Industrial Sector --- Version 17.0
Sectoral scope	Sectoral Scope (s): 13, Waste handling and disposal

6. Verification Team

Audit members	Responsibility
Lead auditor- R. Vijayaraghavan	Site visit, opening meeting, document review, interview with PP
Technical reviewer –A. Prabu Das	Technical review
Quality check- Dr. G. Vishnu	Quality check, uploading the final verification reports, communication with GS.

7. Evaluator

If there is any objection to the proposed team, the organization is required to revert back.

8. Verification Method

Based on GS Standard Requirements v2.2 and VVS version 9.0

9. Confidentiality Requirements

All the verification team members shall not disclose any information concerning the company regarding all matters arising or coming to its attention with the conduct of the programme, which is of confidential in nature other than information, which is in the public domain.

10. Working Language:

English, Local language

AUDIT PLAN

Day 1

Time	Activity	Responsibility
9.00- 9:15	Opening meeting	R. Vijayaraghavan (Lead Auditor)
9:15-1:00	Onsite visit and stakeholder meeting Onsite visit to the project site such as UASB anaerobic digester, flaring system, gas engines, thermic oils heaters open lagoons, all metering points, sampling points, transformers, all the starch process equipments root washer, root cutter, rasper, separator, purifier, decanter, centrifuge, dryer packaging	R. Vijayaraghavan (Lead Auditor)
1:00-1:30	Lunch	
1:30-17:00	Continue with onsite visit	R. Vijayaraghavan (Lead Auditor)

Day 2

Time	Activity	Responsibility
9.00-1:00	Document review	R. Vijayaraghavan (Lead Auditor)
1:00-1:30	Lunch	
1:30-17:00	Document review continue	R. Vijayaraghavan (Lead Auditor)
17:00-17:30	Review of findings and closing meeting	R. Vijayaraghavan (Lead Auditor)

Annex A: Proposed allocation of responsibilities for stages in Verification process

Activity	Responsibility
Documentation Review	Lead Auditor
Background Investigation	Lead Auditor
On Site Audit / Interview All the indicators will be checked with the support of document as mentioned in the sustainability report and interview with the stakeholder concerned to get the objective assessment.	Lead Auditor
Preparation of the draft verification Report	Lead Auditor
Closing of Audit Findings	Lead Auditor
Preparation of the verification Report	Lead Auditor
Technical Review	Technical reviewer
Closure of Technical Review findings	Technical reviewer

Preparation of the Final verification Report	Lead Auditor
Submission of Final verification Report along with verification opinion	Lead Auditor
Verification report along with verification opinion upload in the GS	Quality Manager

Note: The above programme is merely a guide and subject to adjustment based on the progress of the audit.

Quality Control:

After the completion of assessment by the verification team all the relevant documentation is submitted to a qualified, Independent Technical reviewer as part of EPIC' internal quality control system. A Technical reviewer team is appointed to review the draft final verification report (Draft FVR). The comments made by the Technical reviewer team are taken into consideration and incorporated in the final FVR. The technical reviewer team assesses whether all the reporting requirements have been fulfilled and whether all the issues raised were closed satisfactorily by the verification team with justification. The technical review process can also raise issues in this regard which is resolved further by the verification team to the satisfaction of the technical reviewer. The technical reviewer team either accepts or rejects the report made by the verification team. The final report (after resolutions of all findings) is then submitted Quality Manager for approval and then to the Head-operations for review and approval.

The following persons are to be interviewed at on-site / Head Office

SI No.	Persons to be made available at the time of site/office visit.
1	Project proponent
2	Plant manager
3	Employees and administration staff (Skilled and unskilled personnel employed by the project proponent directly)
4	Inhabitants living close to the plant/local communities (Affected residents)

Annex B:

Composition of the audit team and their experience

Mr. R. Vijayaraghavan holds BE in Mechanical Engineering, M. Tech in Energy Conservation and Management and MBA in Technology Management. He is certified as Energy Auditor by Bureau of Energy Efficiency (BEE), Government of India. He has 12 years of working experience in energy sector including validation / verification of CDM, VCS and GS projects. He has undergone extensive training on CDM validation and verification and has been qualified as Lead Auditor for sector 1 and sector 13. He has also attended quarterly webinar conducted by GSF on 7th August 2014, 23rd July 2015, 27th January 2016 and 8th December 2016 for eligibility for fast track procedure. He has also involved in sector 13 projects in Thailand as lead auditor, thus having experience in the host country. He has also involved in verification of some of the GS projects as lead auditor, thus having prior experience in verifying the GS project.

Some of the projects handled:

S.no.	Title of the project	Type	Type/Methodology	Role	REF no.	Region
1	Chol Charoen Group Wastewater Treatment with Biogas System I (Cholburi) (4 th verification) http://www.vcsprojectdatabase.org/#/project_details/430	Verification/ VCS	Biogas/Waste handling /AMS. I.C/ AMS.I.D/ AMS. III.H	Lead Auditor	VCS 430-issued	Thailand
2	Wastewater Treatment with Biogas production (UASB) and heat utilization at General Starch Co. Ltd (6 th verification) http://www.vcsprojectdatabase.org/#/projects/st_82/c/ss_	Verification/ VCS	Biogas/Waste handling / AM22	Lead Auditor	VCS 82-issued	Thailand

3	AVN08-S-01, Methane Recovery and Biogas Utilization Project, Nghe An Province, Vietnam (4th verification) https://cdm.unfccc.int/Projects/DB/TUEV-SUED1244373098.27/iProcess/EPIC_Sust1410411276.23/view	Verification/ CDM	Biogas/Waste handling / AMS-III.H and AMS-I.C	Lead Auditor	2636-Issued	Vietnam
4	AVN08-S-01, Methane Recovery and Biogas Utilization Project, Nghe An Province, Vietnam (5th verification) https://cdm.unfccc.int/Projects/DB/TUEV-SUED1244373098.27/iProcess/EPIC_Sust1441286215.96/view	Verification/ CDM	Biogas/Waste handling / AMS-III.H and AMS-I.C	Lead Auditor	2636-Issued	Vietnam
5	AVN08-S-02, Methane Recovery and Biogas Utilization Project, Nghe An Province, Vietnam (2 nd verification) https://cdm.unfccc.int/Projects/DB/TUEV-SUED1244374491.79/iProcess/EPIC_Sust1410412181.29/view	Verification/ CDM	Biogas/Waste handling /AMS-III.H and AMS-I.C	Lead Auditor	2637-Issued	Vietnam
6	AVN08-S-02, Methane Recovery and Biogas Utilization Project, Nghe An Province, Vietnam (3 rd verification) https://cdm.unfccc.int/Projects/DB/TUEV-SUED1244374491.79/iProcess/EPIC_Sust1467974438.78/view	Verification/ CDM	Biogas/Waste handling /AMS-III.H and AMS-I.C	Technical Reviewer	2637-issued	Vietnam
7	VN08-WWS-05, Methane Recovery and Biogas Utilization Project, Quang Tri Province, Vietnam (2 nd verification) https://cdm.unfccc.int/Projects/DB/TUEV-SUED1244382786.15/iProcess/EPIC_Sust1441286387.62/view	Verification/ CDM	Biogas/Waste handling /AMS-III.H and AMS-I.C	Lead Auditor	2640-Issued	Vietnam
8	Double A Ethanol wastewater treatment plant (1st verification) https://cdm.unfccc.int/Projects/DB/RINA1356766119.2/iProcess/EPIC_Sust1480402395.15/view	Verification/ CDM	Biogas/Waste handling /ACM14	Lead Auditor	9394-TR completed	Thailand
9	Maesod Wastewater Treatment and Biogas Utilisation Project (1 st verification) https://cdm.unfccc.int/Projects/DB/RINA1355318111.91/view	Verification/ CDM	Biogas/Waste handling /AMS-III.H, AMS-I.C, AMS.I.D	Lead Auditor	8712-Issued	Thailand
10	Methane Recovery in Wastewater Treatment, Project AMA07-W-01, Perak, Malaysia https://cdm.unfccc.int/Projects/DB/TUEV-SUED1202922119.15/view	Renewal of crediting period/ CDM	Biogas/Waste handling / AMS-III.H	Lead Auditor	1616-Renewed	Malaysia
11	Methane Recovery in Wastewater Treatment, Project AIN07-W-01, Sumatera Utara (North Sumatera), Indonesia https://cdm.unfccc.int/Projects/DB/TUEV-SUED1214835711.73/view	Renewal of crediting period/ CDM	Biogas/Waste handling / AMS-III.H	Lead Auditor	1899-Renewed	Indonesia
12	Methane Recovery in Wastewater Treatment, Project AIN07-W-04, Sumatera Utara, Indonesia https://cdm.unfccc.int/Projects/DB/TUEV-SUED1218610851.89/view	Renewal of crediting period/ CDM	Biogas/Waste handling / AMS-III.H	Lead Auditor	2130-Renewed	Indonesia
13	ALA15-S-01, Methane recovery and Biogas utilization project, Borikhamxay Province, Laos	Validation/ CDM	Biogas/Waste handling / AMS-III.H and AMS-I.C	Lead Auditor	Undergoing	Laos
14	Methane recovery from waste water generated from wheat straw wash at Paper manufacturing unit of Shreyans Industries Limited (SIL).(3 rd verification) https://cdm.unfccc.int/Projects/DB/SGS-UKL1171466454.8/view	Verification/ CDM	Biogas/Waste handling AMS-III.H	Lead Auditor	0935-Issued	India
15	Chol Charoen Group Wastewater Treatment with Biogas System I (Cholburi) (5 th verification) http://www.vcsprojectdatabase.org/#/project_details/430	Verification/ VCS	Biogas/Waste handling /AMS. I.C/ AMS.I.D/ AMS. III.H	Lead Auditor	VCS 430- RFI	Thailand

16	Chol Charoen Group Wastewater Treatment with Biogas System I (Cholburi) (6 th verification) http://www.vcsprojectdatabase.org/#/project_details/430	Verification/ VCS	Biogas/Waste handling /AMS. I.C/ AMS.I.D/ AMS. III.H	Lead Auditor	VCS 430- RFI	Thailand
17	Small-Scale Renewable Energy PoA in Thailand (2nd verification) https://cdm.unfccc.int/PoAAssuance/iss_db/po_aiss175029262/view	Verification/ CDM	Solar/ AMS-I.D	Lead Auditor	PoA6222-Issued	Thailand
18	Prony and Kafate wind farms, New Caledonia (4 th verification) https://mer.markit.com/br-reg/public/project.jsp?project_id=10300000002350	Verification/ GS	Wind Power /ACM002	Lead Auditor	GS366-Issued	New Caledonia
19	VPA4-Qori Q'oncha– Improved cookstoves diffusion programme in Peru – VPA4 under GS PoA GS 1005, “Qori Q'oncha – Improved cookstoves diffusion programme in Peru	GS VPA inclusion	Cook stoves/TPDDTEC	Lead Auditor supported by host country expert	PoA -GS1005 ongoing	Peru (Latin America)
20	VPA5-Qori Q'oncha– Improved cookstoves diffusion programme in Peru – VPA5 under GS PoA GS 1005, “Qori Q'oncha – Improved cookstoves diffusion programme in Peru	GS VPA inclusion	Cook stoves/TPDDTEC	Lead Auditor supported by host country expert	PoA -GS1005 ongoing	Peru (Latin America)
21	VPA “Qori Q'oncha– Improved cookstoves diffusion programme in Peru – VPA2 – GS 1049 under GS PoA GS 1005, “Qori Q'oncha – Improved cookstoves diffusion programme in Peru	Renewal of Crediting period -GS	Cook stoves/TPDDTEC	Lead Auditor supported by host country expert	PoA -GS1005 VPA-GS 1049 ongoing	Peru (Latin America)
22	MOVE SYSTEMS. FUEL SWITCHING OF FOOD CARTS AND AMBULANCES ELECTRIFICATION IN NYC	Validation/ VCS	Fuel switch/AMS.III.B	Lead Auditor	Validation ongoing	US
23	Dak Pone Hydropower Project in Vietnam (2 nd CDM verification) https://cdm.unfccc.int/Projects/DB/RWTUV1299418983.61/iProcess/EPIC_Sust1408427358.42/view	Verification/ GS-CDM	Hydro/ACM2	Lead Auditor	4550- issued	Vietnam
24	DaKrong 2 Hydropower Project (3 rd verification) https://cdm.unfccc.int/Projects/DB/BVQI1352200991.25/iProcess/EPIC_Sust1461578705.17/view	Verification/ CDM	Hydro/ACM2	Lead Auditor	8054-issued	Vietnam
25	10 MW grid connected hydro power generation by MHCOIPL in Jammu & Kashmir, India	Validation/ VCS	Hydro/AMS.I.D	Lead Auditor	Validation deed issued	India
26	Hydro Power Project in backward district of Andhra Pradesh, India http://www.vcsprojectdatabase.org/#/project_details/1291	Validation/ VCS	Hydro/ACM2	Lead Auditor	VCS 1291 registered	India
27	24 MW Dummagudem Hydel project by SLS power corporation limited (1 st verification) https://cdm.unfccc.int/Projects/DB/RWTUV1305635486.86/iProcess/EPIC_Sust1434440566.51/view	Verification/ CDM	Hydro/ACM2	Technical reviewer	4818 -issued	India
28	24 MW Shamburi Mini Hydel Project, Karnataka, India (2 nd verification) https://cdm.unfccc.int/Projects/DB/DNV-CUK1246872134.97/iProcess/EPIC_Sust1457000061.19/view	Verification/ CDM	Hydro/ACM2	Technical reviewer	2736- issued	India
29	Dak Pone Hydropower Project in Vietnam (3 rd CDM verification) https://cdm.unfccc.int/Projects/DB/RWTUV1299418983.61/iProcess/EPIC_Sust1463815398.0/view	Verification/ GS-CDM	Hydro/ACM2	Technical reviewer	4550-CDM issued/ GS-TR completed	Vietnam
30	10 MW bundled Luni–III & Luni–II hydroelectric projects for a grid system at Sri Sai Krishna Hydro Energies Private Limited in Kangra District, Himachal Pradesh. (1 st verification)	Verification/ CDM	Hydro/AMS.I.D	Technical reviewer	2698-issued	India

	https://cdm.unfccc.int/Projects/DB/SGS-UKL1245152884.07/iProcess/EPIC_Sust1458650537.71/view					
31	Jorethang Loop Hydroelectric Project, India https://cdm.unfccc.int/UserManagement/FilesStorage/OXL284JTIGWQKBMGREVY0713APHU9C	PRC Validation/ CDM	Hydro/ACM2	Lead Auditor	1326-PRC Approved	India
32	Kattepura Mini Hydel Scheme at Karnataka, India https://cdm.unfccc.int/Projects/DB/RWTUV1351595960.68/iProcess/EPIC_Sust1452676710.08/view	Verification/ CDM	Hydro/AMS.I.D	Technical reviewer	7930-RFI	India
33	Caieiras landfill gas emission reduction (8 th verification) https://cdm.unfccc.int/Projects/DB/DNV-CUK1134509951.62/iProcess/EPIC_Sust1418807860.77/view	Verification/ CDM	Waste Management / ACM 0001	Technical Reviewer	0171-ongoing	Brazil (Latin America)
34	Caieiras landfill gas emission reduction (9 th verification) https://cdm.unfccc.int/Projects/DB/DNV-CUK1134509951.62/CP/KLUXCAFK29DIMF605HFIWIHE49030/iProcess/EPIC_Sust1421408049.67/view	Verification/ CDM	Waste Management / ACM 0001	Technical Reviewer	0171 – issued	Brazil (Latin America)
35	Caieiras landfill gas emission reduction (10 th Verification) https://cdm.unfccc.int/Projects/DB/DNV-CUK1134509951.62/CP/KLUXCAFK29DIMF605HFIWIHE49030/iProcess/EPIC_Sust1423574478.26/view	Verification/ CDM	Waste Management / ACM 0001	Technical Reviewer	0171 – issued	Brazil (Latin America)
36	Caieiras landfill gas emission reduction (11 th Verification) https://cdm.unfccc.int/Projects/DB/DNV-CUK1134509951.62/CP/KLUXCAFK29DIMF605HFIWIHE49030/iProcess/EPIC_Sust1432980064.86/view	Verification/ CDM	Waste Management / ACM 0001	Technical Reviewer	0171 – issued	Brazil (Latin America)
37	Caieiras landfill gas emission reduction (12 th Verification) https://cdm.unfccc.int/Projects/DB/DNV-CUK1134509951.62/CP/KLUXCAFK29DIMF605HFIWIHE49030/iProcess/EPIC_Sust1455790522.85/view	Verification/ CDM	Waste Management / ACM 0001	Technical Reviewer	0171 – issued	Brazil (Latin America)
38	Caieiras landfill gas emission reduction (13 th Verification) https://cdm.unfccc.int/Projects/DB/DNV-CUK1134509951.62/CP/KLUXCAFK29DIMF605HFIWIHE49030/iProcess/EPIC_Sust1474894082.96/view	Verification/ CDM	Waste Management / ACM 0001	Technical Reviewer	0171 – issued	Brazil (Latin America)
39	Salvador da Bahia Landfill Gas Management Project (4 th verification) https://cdm.unfccc.int/Projects/DB/DNV-CUK1117823353.4/iProcess/EPIC_Sust1437982937.81/view	Verification/ CDM	Waste Management / ACM 0001	Technical Reviewer	0052 – issued	Brazil (Latin America)
40	Central de Resíduos do Recreio Landfill Gas Project (CRRLGP) (7th verification) https://cdm.unfccc.int/Projects/DB/DNV-CUK1158844635.31/iProcess/EPIC_Sust1450764884.62/view	Verification/ CDM	Waste Management / ACM 0001	Technical Reviewer	0648 – issued	Brazil (Latin America)
41	Central de Resíduos do Recreio Landfill Gas Project (CRRLGP) (8th verification) https://cdm.unfccc.int/Projects/DB/DNV-CUK1158844635.31/iProcess/EPIC_Sust1452232294.46/view	Verification/ CDM	Waste Management / ACM 0001	Technical Reviewer	0648 – issued	Brazil (Latin America)
42	Central de Resíduos do Recreio Landfill Gas Project (CRRLGP) (9th verification) https://cdm.unfccc.int/Projects/DB/DNV-CUK1158844635.31/CP/5PKG0Y6459SJ6Q6HYXRLEMV4T1H9XW/iProcess/EPIC_Sust14579400	Verification/ CDM	Waste Management / ACM 0001	Technical Reviewer	0648 – issued	Brazil (Latin America)

	36.51/view					
43	ESTRE's Paulinia Landfill Gas Project (EPLGP) (18 th verification) https://cdm.unfccc.int/Projects/DB/DNV-CUK1134989999.25/CP/LNLLT775VPPZY1HMOCAQBJKP7WDJZ3/iProcess/EPIC_Sust1471500814.88/view	Verification/CDM	Waste Management / ACM 0001	Technical Reviewer	0165 – issued	Brazil (Latin America)
44	Adani Enterprises Limited Solar PV Power Project in Gujarat, India (3 rd verification) https://cdm.unfccc.int/Projects/DB/RWTUV1299418983.61/iProcess/EPIC_Sust1463815398.0/view	Verification/CDM	Solar/ AMS-I.D	Lead Auditor	5928-RFI	India
45	GHG Emissions Reduction through Modjo CETP https://cdm.unfccc.int/Projects/DB/EPIC_Sust1456756568.63/view	Validation/CDM	Waste Management/AM80	Lead Auditor	10265-Registered	Ethiopia
46	Clinker Optimization in cement types production at Derba MIDROC cement plant https://cdm.unfccc.int/Projects/DB/EPIC_Sust1454050680.64/view	Validation/CDM	Cement /ACM5	Lead Auditor	10258-Rejected	Ethiopia
47	22.5 MW Grid Connected Wind Farm Project by RSMML in Jaisalmer, India (3 rd verification) https://cdm.unfccc.int/Projects/DB/BVQI1201770524.09/iProcess/EPIC_Sust1428928038.7/view	Verification/CDM	Wind Power /ACM002	Lead Auditor	1602-Issued	India
48	15 MW grid connected renewable energy generation by RSMML (4 th Verification) https://cdm.unfccc.int/Projects/DB/DNV-CUK1243661243.16/iProcess/EPIC_Sust1429165823.84/view	Verification/CDM	Wind Power/AMS.I.D	Lead Auditor	2613-Issued	India
49	31.5 MW grid connected wind power project in Rajasthan (1 st verification) https://cdm.unfccc.int/Projects/DB/SIRIM1356423157.78/iProcess/EPIC_Sust1442844811.52/view	Verification/CDM	Wind Power /ACM002	Technical reviewer	9166-Issued	India
50	Installation of wind power project in Rajasthan and Tamil Nadu (1 st verification) https://cdm.unfccc.int/Projects/DB/LRQA%20Ltd1320667973.11/view	Verification/CDM/ Post registration changes	Wind Power /ACM002	Technical reviewer	5401-Issued	India
51	Wind power project in Madhya Pradesh, India (1 st verification) https://cdm.unfccc.int/Projects/DB/LRQA%20Ltd1346322352.66/view	Verification/CDM	Wind Power /ACM002	Technical reviewer	7133 -Issued	India
52	Lalpur wind farm in Gujarat (1 st verification) https://cdm.unfccc.int/Projects/DB/LRQA%20Ltd1354282051.48/view	Verification/CDM	Wind Power /ACM002	Technical reviewer	8495-Issued	India
53	Wind power project in Rajasthan, India (1 st verification) https://cdm.unfccc.int/Projects/DB/RINA1354700454.05/view	PRC-Prior/ Verification/ CDM	Wind Power / ACM002	Technical reviewer	8569-Issued	India
54	South Isfahan Power Plant https://cdm.unfccc.int/Projects/completeness_check.html	Validation/CDM	Grid connected Natural gas/ ACM7/Large	Lead Auditor	9783-RFR	Iran
55	Pareh Sar Combined Cycle Power Plant https://cdm.unfccc.int/Projects/DB/SIRIM1387344397.89/view	Validation/CDM	Grid connected Natural gas/ AM29/Large	Lead Auditor	9814-Registered	Iran
56	Genaveh Combined Cycle Power Plant https://cdm.unfccc.int/Projects/DB/SIRIM1392386361.46/view	Validation/CDM	Grid connected Natural gas/ AM29/Large	Lead Auditor	9895-Registered	Iran
57	Yazd Combined Cycle Power Plant https://cdm.unfccc.int/Projects/completeness_check.html	Validation/CDM	Grid connected Natural gas/ AM29/Large	Lead Auditor	10033-RFR	Iran

58	Eslam Abad Combined Cycle Power Plant https://cdm.unfccc.int/Projects/completeness-check.html	Validation/C DM	Grid connected Natural gas/ AM29/Large	Lead Auditor	10032-RFR	Iran
59	Grid connected natural gas based power project in Raigad District, Maharashtra, India https://cdm.unfccc.int/Projects/DB/SIRIM1356274672.55/view	Validation/C DM	Grid connected Natural gas/ AM29/Large	Auditor	9124-Registered	India
60	Bundled Wind Power Project in Tamil Nadu, India, co-ordinated by Tamil Nadu Spinning Mills Association (TASMA-VI A) http://www.vcsprojectdatabase.org/services/publicViewServices/downloadDocumentById/16103	Validation/V CS	Wind Power / ACM002	Technical Expert	VCS 1352 registered	India
61	Bundled Wind Power Project in Tamil Nadu, India, co-ordinated by Tamil Nadu Spinning Mills Association (TASMA-V2) (1 st verification) http://www.vcsprojectdatabase.org/services/publicViewServices/downloadDocumentById/16552	Verification/ VCS	Wind Power /ACM002	Lead Auditor	VCS 1353-issued	India
62	AAC Block/Panel Manufacturing Unit At Krishna, Andhra Pradesh http://www.vcsprojectdatabase.org/services/publicViewServices/downloadDocumentById/22204	Validation/V CS	Fuel switch /AMS. III.Z	Lead Auditor	VCS1342-registered	India
63	Bundled Wind Power Project by EKI Energy Services Limited (EKIESL-CDM.April-13-02) https://cdm.unfccc.int/Projects/completeness-check.html	Validation/C DM	Wind Power /AMS. I.D	Technical reviewer	10121-TR completed	India
64	Bundled Solar Power Project by EKI Energy Services Limited (EKIESL-CDM.June-13-02) https://cdm.unfccc.int/Projects/DB/EPIC_Sust1417164977.39/view	Validation/C DM	Solar project /AMS. I.D	Technical reviewer	10071-Registered	India
65	Bundled Wind Power Project in Tamil Nadu, India, coordinated by Tamil Nadu Spinning Mills Association (TASMA-III) https://cdm.unfccc.int/Projects/completeness-check.html	Validation/C DM	Wind /ACM002/Large	Lead Auditor	9945-RFR	India
66	Bundled Wind Power Project in Tamil Nadu, India, coordinated by Tamil Nadu Spinning Mills Association (TASMA-IV) https://cdm.unfccc.int/Projects/completeness-check.html	Validation/C DM	Wind /ACM002/Large	Lead Auditor	9946-RFR	India
67	Bundled wind power project at Satara, Maharashtra https://cdm.unfccc.int/Projects/DB/EPIC_Sust1396507940.98/view	Validation/C DM	Wind /AMS.I.D/small	Technical reviewer	9927-Registered	India
68	Grid Connected Wind Power Project – Bundle 1 https://cdm.unfccc.int/Projects/DB/SIRIM1400765694.38/view	Validation/C DM	Wind /AMS.I.D/small	Lead Auditor	9963-Registered	India
69	5.45 MW Bundled Wind Power Project in Rajasthan, India https://cdm.unfccc.int/Projects/DB/SIRIM1363608255.31/view	Validation/C DM	Wind /AMS.I.D/small	Lead Auditor	9598-Registered	India
70	5.3 MW Bundled Wind Power project in India https://cdm.unfccc.int/Projects/DB/SIRIM1373437805.08/view	Validation/C DM	Wind /AMS.I.D/small	Lead Auditor	9680-Registered	India
71	Electricity Generation using renewable wind energy by Sahyadri Industries Limited https://cdm.unfccc.int/Projects/DB/SIRIM1368069293.59/view	Validation/C DM	Wind /AMS.I.D/small	Lead Auditor	9625-Registered	India
72	Wind Power Project by Plasti Surge Industries Pvt. Ltd. https://cdm.unfccc.int/Projects/DB/SIRIM1367998567.9/view	Validation/C DM	Wind /AMS.I.D/small	Auditor	9624-Registered	India
73	6.5 MW Bundled Wind Power Project in Rajasthan, India	Validation/C DM	Wind /AMS.I.D/small	Lead Auditor	3640-Registered	India

	https://cdm.unfccc.int/Projects/DB/SIRIM1270974338.67/view					
74	2.75 MW Bundled Wind Power Project in Karnataka https://cdm.unfccc.int/Projects/DB/SIRIM1352165520.33/view	Validation/C DM	Wind /AMS.I.D/small	Auditor	8040-Registered	India
75	Wind Power Project in Kutch, Gujarat by SDL https://cdm.unfccc.int/Projects/DB/SIRIM1270974314.23/view	Validation/C DM	Wind /AMS.I.D/small	Lead Auditor	3638-Registered	India
76	4.00 MW Bundled Wind Power Project at Rajasthan & Maharashtra, India https://cdm.unfccc.int/Projects/DB/SIRIM1339040263.09/view	Validation/C DM	Wind /AMS.I.D/small	Auditor	6366-Registered	India
77	Bundled Wind Power Project by Gangamai Industries and Construction Limited https://cdm.unfccc.int/Projects/DB/SIRIM1356664264.57/view	Validation/C DM	Wind /AMS.I.D/small	Lead Auditor	9330-Registered	India
78	ECIL Bundled Wind Energy Project in India https://cdm.unfccc.int/Projects/DB/SIRIM1352438774.99/view	Validation/C DM	Wind /AMS.I.D/small	Technical expert	8123-Registered	India
79	Bundled Wind Power Project in Satara district, Maharashtra and Tirunelveli district, Tamil Nadu India https://cdm.unfccc.int/Projects/DB/SIRIM1356488630.79/view	Validation/C DM	Wind /AMS.I.D/small	Lead Auditor	9196-Registered	India
80	2.8 MW Wind power project in Tamil Nadu & Rajasthan https://cdm.unfccc.int/Projects/DB/SIRIM1356487040.3/view	Validation/C DM	Wind /AMS.I.D/small	Lead Auditor	9195-Registered	India
81	31.5 MW grid connected wind power project in Rajasthan https://cdm.unfccc.int/Projects/DB/SIRIM1356423157.78/view	Validation/C DM	Wind /ACM 002/Large	Lead Auditor	9166-Registered	India
86	Bundled Wind Project Activity by M/S Intex Industries Ltd and M/S Intex Technologies (India) Limited https://cdm.unfccc.int/Projects/DB/SIRIM1270973264.82/view	Validation/C DM	Wind /AMS.I.D/small	Auditor	3635-Registered	India
87	5X0.8 MW Wind Power Project by Texmo Industries https://cdm.unfccc.int/Projects/DB/SIRIM1352680674.89/view	Validation/C DM	Wind /AMS.I.D/small	Technical expert	8150-Registered	India
88	6.65 MW Wind Energy Generation by M/s GTN Enterprises Limited" at Ganapathypalayam in Coimbatore, Radhapuram, Kvalakuruchi in Tirunelveli and Govindapuram in Erode district, Tamilnadu https://cdm.unfccc.int/Projects/DB/SIRIM1301887558.33/view	Validation/C DM	Wind /AMS.I.D/small	Auditor	4652-Registered	India
89	Bundled Wind Project by Sahyadri Industries Limited https://cdm.unfccc.int/Projects/DB/SIRIM1349920001.9/view	Validation/C DM	Wind /AMS.I.D/small	Lead Auditor	7675-Registered	India
90	3.3 MW Wind Power Project in India https://cdm.unfccc.int/Projects/DB/SIRIM1340007829.38/view	Validation/C DM	Wind /AMS.I.D/small	Auditor	6445-Registered	India
91	Bundled Wind Power Project in Tamil Nadu, India, co-ordinated by Tamil Nadu Spinning Mills Association (TASMA-II) https://cdm.unfccc.int/Projects/DB/SIRIM1304303877.26/view	Validation/C DM	Wind /ACM 002/Large	Technical expert	4760-Registered	India
92	15 MW grid connected renewable energy generation by RSMML (1 st Verification) https://cdm.unfccc.int/Projects/DB/DNV-CUK1243661243.16/view	Verification/ CDM	Wind /AMS.I.D/small	Technical expert	2613-Issued	India

Document to review:

1. Project design document, GS passport
2. Current monitoring report, current Emission reduction sheets
3. Commissioning certificates for UASB, Gas engines, Thermic oil heater, flaring system
4. Power purchase agreement
5. Single line diagram indicating voltage levels (generation voltage, stepped up voltages), point of delivery (power evacuation points and names), metering points (kilowatt meter, meter used for invoicing)
6. Monthly electricity sale reports for the monitoring period to support net electricity exported to the grid.
7. Monthly kilowatt meter readings for the monitoring period to support total electricity generated
8. Valid Calibration reports of the metering equipment to support meter accuracy (0.5s) (Active power only)
9. Technical specifications for UASB, gas engines, thermic oil heaters, flaring system etc.
10. Technical literature of gas engines and thermic oil heaters
11. Starch production log sheets
12. Calibration certificates of all the meters
13. Log sheets (electronic) for all the monitoring parameters
14. Technical specifications of all the meters
15. Documents to support all the GS sustainability indicators mentioned in the sustainability monitoring report.
16. Environmental impact assessment report.
17. Any lab report conducted to determine the odour or H₂S component
18. Employees details during every year and level of income
19. Contract between employees and management
20. Plant record for sludge with plant manager signature
21. Confirmation on the sludge application from a purchaser. Organisation chart

Stakeholder Consultation:

The verification team will check how the stakeholder consultation is conducted by interviewing the stakeholders. The verification team will interview the relevant stakeholders for comments. The verification team will verify how the consultation prior to the submission of the request for registration was conducted.

Sustainable Development Monitoring Plan:

The verification team will check the revised sustainable development monitoring plan if it needed based on the comments from the local stakeholders. The verification team will include new mitigation measures as well. The verification team will assess the scores of the SD indicators as baseline can also lead to a revision of the sustainable development monitoring plan. The changes in the scores of the SD indicators will be assessed as per the sustainable development assessment guidance. The SD monitoring plan might include additional parameters if the mitigation Plan has to be revised to address comments received during the local stakeholder meeting, or if new non--neutral indicators are identified in the revised SD matrix or new mitigation measures have been introduced due to medium or high risk safeguarding principles being identified from the DNHA.

Sustainable Development Assessment:

The verification team will verify the Sustainable Development Assessments with respect to the baseline. The verification team will check any necessary revision in the scores of the Sustainable Development indicator. The verification team will also check SD indicators with respect to the level of risk associated with the Safeguarding Principles of the Do-No Harm Assessment (DNHA).



Prepared by: R. Vijayaraghavan

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Addressed to: Mr. Santosh Kumar, Regional Director SE Asia, Southpole