

Hebei Yingxin Glass Group Co. Ltd. Glass Furnace Flue Gas Waste Heat to Energy Project (GS750)

3-Week Issuance Review Period under GS Version 2.1 VER

This document is the GS synthesis of the comments and requests for clarification/corrective action received during the 3-week issuance review period.

| Information on the request | |
|-----------------------------------|---|
| Requested by: | Swiss Carbon Assets Ltd. |
| Contact: | Tanushree Bagh |
| Contact email: | Tanushree Bagh <t.bagh@thesouthpolegroup.com> |
| Submission History | |
| Date of submission: | 28/02/2017 |
| Date of GS feedback - I round: | 21/03/2017 |
| Date of PP's response - I round: | 12/04/2017 |
| Date of GS feedback - II round: | 26/06/2017 |

| Project summary | |
|---|---|
| Project Type: | Energy Efficiency-Industry |
| Project Size: | Large |
| Project Location: | China |
| Methodology Applied: | ACM0012 (V3.2) |
| Project Start Date: | 19/07/2008 (construction contract was signed) |
| GS Registration Date: | 30/09/2011 |
| GS Crediting Period Start Date: | 01/01/2010 |
| <p>Project details: The project is located in Shahe County of Xingtai City, Hebei Province, the People's Republic of China. The proposed Project will generate electricity through recovering and utilizing the waste heat from a glass production line. The electricity from the Project will be consumed on site by the Project owner and will meet part of the electricity demand of the company thereby displace the electricity that is currently supplied by the coal-dominated grid. The Project started construction in October 2008 and commissioned on August 12th 2009. The Project proposes to install four waste recovery boilers with two sets of condensing turbine generator units. The installed capacity is 12 MW, consisting of two 6 MW units. The annual yearly power supply to the glass production facilities is 76,000 MWh and the Project can generate an annual emission reduction of 67,906 tCO₂e.</p> | |

| Monitoring Period Information | |
|--------------------------------------|--------------------------|
| 3rd GS Monitoring Period: | 01/04/2014-31/12/2016 |
| Amount of GS credits under review: | 168,194 tCO ₂ |
| Vintage Break | |
| 01/04/2014-31/12/2014 | 46,735 tCO ₂ |
| 01/01/2015-31/12/2015 | 61,156 tCO ₂ |
| 01/01/2016-31/12/2016 | 60,303 tCO ₂ |

Document(s) provided and reviewed (I Round):

- Monitoring Report (MR_Yingxin)
- Verification Report (Yingxin_3rd_VER_FVR_v2.0_-_20170228_clean)

- Emission Reduction Spreadsheet (o2_Yingxin_3rd_ER)

Document(s) provided and reviewed (II Round):

- Supporting document (Waste water layout)
- Monitoring Report (Yingxin 3rd MR_v2 clean)

Review results and conclusions: The GS ha reviewed the submitted project and identified a number of areas where additional information is necessary for the project to be in line with the Gold Standard requirements.

| Comment/Request 1. | Project Information |
|--|--|
| 1) | Monitoring Report Version. The PP and DOE shall clarify for the final version of MR, the DOE verified version 2.0 dated 24 Feb 2017, while the PP submitted version 2.0 dated 21 Feb 2017 for GS review. |
| Response by Project Proponent (round 1): | |
| It is a wrong date in the version. The MR has been updated. | |
| Response by DOE (round 1): | |
| DOE confirms it is a wrong date. DOE had asked PP to update the date from 21 Feb to 24 Feb but it was missed during the submission. Now it has been corrected by PP. | |
| Response by GS (round 2): | |
| Comment/request is closed. | |

| Comment/Request 2. | Sustainable Development Monitoring |
|--|--|
| 1) | The PP shall provide the Layout of wastewater treatment system as per monitoring plan. |
| Response by Project Proponent (round 1): | |
| The layout has been provided. It shows the boiler blow down water and circulating cooling water discharge from the water-cooling tower go to the municipal sewage system. The household wastewater first goes to the septic tank then to the municipal sewage system for further treatment. | |
| Response by DOE (round 1): | |
| DOE has checked the layout and it is in line with the observations during the site visit. The certificate from the local environmental bureau also shows that the household water after the septic tank fulfills the national requirement. | |
| Response by GS (round 2): | |
| Comment/request is closed. | |

Summary of Forward Action Requests (FARs):

Forward Action Request # 1:

Forward Action Request # 2:

Conclusion - The GS is of the opinion that 168,194 VERs (Monitoring Period – 01/04/2014-31/12/2016) can be issued after the above clarifications and/or corrective actions have been taken care of in a satisfactory way.