

corrections vs.

GCCA Protocol V4.2.570 2026-07-29, GCCA Protocol V4.2.570 2026-07-14

## 1 Company file line mismatches

Company\_ExcelLinks.xlsx

Company.xlsx

A significant mismatch of line order and linking was observed in the Company files in Plant002 and following sheets and in some of the SUM functions in the Company sheet. The Plant001 sheet appeared correct and only some SUM functions contained inconsistent data references. This was already visible in GCCA Protocol V4.2.570 2026-07-14, but has not been identified in the discussion with the task group for GCCA Protocol V4.2.570 2026-07-29.

For both different inconsistencies the correct line order and structure of all sheets was carefully checked and re-established. Subsequently the correct file links and data reference for the SUM functions were re-established.

## 2 Plant\_calc biomass accounting

Plant0XX.xlsx,

ReadyMixPlants.xlsx,

PlantXXX\_YEAR\_Month.xlsx, PlantXXX\_YEAR\_Month\_TEMPLATE.xltx,

Company\_ExcelLinks.xlsx, Company.xlsx

Biomass accounting was carefully double-checked and analysis revealed a minor mismatch and partial double accounting with regard to accounting of fuels from separate on-site power generation in

- line 50, biomass CO<sub>2</sub> excluding separate on-site power generation
- line 50a, biomass CO<sub>2</sub> separate on-site power generation including mixed fuel biomass
- line 83a, biomass CO<sub>2</sub> including separate on-site power generation

This is corrected by clarification of the line names and headlines and minor changes in the formulas in these three lines as follows:

| Direct CO <sub>2</sub> Generation from Biomass (Memo Item, incl. biomass content of mixed fuels) |     |                                                                                                                                        |                         | 2020 | 2021 |
|--------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------|------|
| new                                                                                              | 50  | CO <sub>2</sub> from combustion of biomass (kiln fuels and other fuels, incl. power for CCUS, excl. separate on-site power generation) | [t CO <sub>2</sub> /yr] | 0    | 0    |
|                                                                                                  | 50a | CO <sub>2</sub> from combustion of biomass for separate on-site power generation                                                       | [t CO <sub>2</sub> /yr] | 0    | 0    |

### PERFORMANCE INDICATORS

| Absolute direct CO <sub>2</sub> Emissions |      |                                                                                                                                                                           |                         | 2020    | 2021    |
|-------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------|---------|
| new                                       | 59du | Direct fossil CO <sub>2</sub> Emissions, including CO <sub>2</sub> from separate on-site power generation, excluding CO <sub>2</sub> stored or used                       | [t CO <sub>2</sub> /yr] | 0       | 0       |
|                                           | 59   | Absolute gross CO <sub>2</sub> Emissions, including CO <sub>2</sub> from separate on-site power generation (scope 1), excluding CO <sub>2</sub> stored or used            | [t CO <sub>2</sub> /yr] | 0       | 0       |
|                                           |      | Gross CO <sub>2</sub> Emissions (excluding CO <sub>2</sub> from separate on-site power generation)                                                                        |                         | 2020    | 2021    |
|                                           | 59c  | Absolute gross CO <sub>2</sub>                                                                                                                                            | [t CO <sub>2</sub> /yr] | 0       | 0       |
|                                           | 59a  | calcination component                                                                                                                                                     | [t CO <sub>2</sub> /yr] | 0       | 0       |
|                                           | 59b  | fuel component                                                                                                                                                            | [t CO <sub>2</sub> /yr] | 0       | 0       |
| new                                       | 59f  | stored or used, incl. biogenic part stored                                                                                                                                | [t CO <sub>2</sub> /yr] | 0       | 0       |
| new                                       | 59cc | share of gross CO <sub>2</sub> stored or used, incl. biogenic part stored                                                                                                 | [%]                     | 0.0%    | 0.0%    |
|                                           |      | Net CO <sub>2</sub> Emissions (= gross CO <sub>2</sub> minus alternative fossil fuels CO <sub>2</sub> ; excluding CO <sub>2</sub> from separate on-site power generation) |                         | 2020    | 2021    |
|                                           | 71   | Absolute net CO <sub>2</sub>                                                                                                                                              | [t CO <sub>2</sub> /yr] | 0       | 0       |
|                                           |      | Biomass CO <sub>2</sub> Emissions (Memo Item, incl. separate on-site power generation)                                                                                    |                         | 2020    | 2021    |
|                                           | 83a  | Absolute CO <sub>2</sub> from biogenic sources (incl. biomass content of mixed fuels, related to assessment of other indirect CO <sub>2</sub> em)                         | [t CO <sub>2</sub> /yr] | 0       | 0       |
|                                           |      | Calcined Clay CO <sub>2</sub> emissions                                                                                                                                   |                         | 2020    | 2021    |
| new                                       | 63cc | Absolute gross CO <sub>2</sub> of calcined clay                                                                                                                           | [t CO <sub>2</sub> /yr] | n.appl. | n.appl. |

| Line | V4.2.580, 7 August 2026                                                                                                                               | V4.2.580, 14 July 2026 and 29 July 2026                                                                                                                              |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 50   | =WENN(UND(AK454="";AK464="";AK545="";AK553="";AK561="";AK577="";AK585="";AK593="";AK601="");"";AK454+AK464+AK545+AK553+AK561+AK577+AK585+AK593+AK601) | =WENN(UND(AL454="";AL464="";AL545="";AL553="";AL561="";AL569="";AL577="";AL585="";AL593="";AL601="");"";AL454+AL464+AL545+AL553+AL561+AL569+AL577+AL585+AL593+AL601) |
| 50a  | =WENN(AK569="";AK569)                                                                                                                                 | =WENN(AL570="";AL570)                                                                                                                                                |
| 83a  | =AK288-AK299+AK289                                                                                                                                    | =AL288-AL299                                                                                                                                                         |

Johannes Ruppert, 8.7.2026