

Crown Holdings, Inc.

One Crown Way, Philadelphia, PA 19154-4599, USA

Verification Criteria: Carbon Disclosure Project (CDP) Guidelines

The Greenhouse Gas Protocol” (World Resources Institute, 2004 Revised Edition amended 2013), the “General Reporting Protocol v. 2.0

ISO 14065:2013 “Requirements for Greenhouse Gas Validation and Verification Bodies for use in Accreditation or Other Forms of Recognition”

Footprint Period: 2020 (1st January - 31st December inclusive)

Scope of Verification

The verification covers the period 1st January 2020 to 31st December 2020 inclusive associated with Crown Holdings Inc. global operations. Where assumptions have been made then these have been documented for transparency. The verification was conducted to a limited level of assurance and concludes that the GHG assertion is materially correct.

Data and calculations selected for Scope 1 & 2 GHG verification were based upon a risk assessment approach. The verification also included ‘boundaries’ completeness checks. Data in spreadsheets were also examined and specific sampling of data was conducted giving consideration to raw data sources. Emission factors were found to be based on best available information and were from robust and recognised sources.

Verifiers Opinion

Based on the evidence provided and the samples selected for verification, it is the opinion of Lucideon that the Crown Holdings Inc. assertion covering the period 1st January 2020 to 31st December 2020 is materially correct and is a fair representation of the GHG data and information and was compiled in conformance with the verification criteria described above. The data and information supporting the GHG assertion were historical in nature. The following qualifications apply:

- The verification source stream boundary is defined in the summary table below. All other source streams were outside the verification boundary.
- Scope 1 Mobile Diesel: Reported for USA facilities only
- Scope 1 Mobile Gasoline: Reported for USA and Canada facilities only.
- CH₄ and N₂O emissions are excluded for scope 1 mobile gasoline, mobile diesel and jet fuel on the basis of being negligible.

Verified inventory as follows:

		Primary	Secondary
SCOPE	Subscope	tCO ₂ e (Market)	tCO ₂ e (Location)
1	Diesel Stationary	6,043	6,043
1	Mobile - Diesel	499	499
1	Mobile - Gasoline	2,857	2,857
1	Fuel Oil	2,112	2,112
1	No.2 Fuel Oil	698	698
1	LPG	77,422	77,422
1	Kerosene	17	17
1	Propane	19,385	19,385
1	Jet Fuel	508	508
1	Natural Gas	504,382	504,382
	Scope 1 Total	613,922	613,922
2	Electric Power	870,033	810,384
2	District Heating	316	316
2	Renewable Energy Credits (REC)	-17,927	
2	Renewable Power-Offsite	-122,868	
	Scope 2 Total	729,554	810,700
All	Total	1,343,476	1,424,622
Other	Renewable Power On-Site (kWh)	1,977,491	



Andrew Shepherd
Lead Verifier

22 July 2021



Fiona Carter
Independent Reviewer

22 July 2021