W-08-24-1201













W-08-24-1201 1 9

86 219

11 4 1

2023 863. 45 tCO₂e
1 7% 58. 76 tCO₂e
2 93% 804. 69 tCO₂e

ISO 14064-1: 2018 1

2023

2024 12 9





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2 9

| 1. | | 3 |
|----|------|---|
| 2. | | 3 |
| 3. | | 4 |
| ٥. | 2 1 | |
| | 3.1 | 4 |
| | 3. 2 | 4 |
| | 3.3 | 4 |
| 4. | | 5 |
| | 4.1 | 5 |
| | 4. 2 | 5 |
| 5. | | 5 |
| Ο. | 5. 1 | |
| | | 5 |
| | 5. 2 | 6 |
| | 5.3 | 6 |
| | 5.4 | 6 |
| 6 | | 6 |
| 7 | | 7 |
| | 7. 1 | 7 |
| | 7. 2 | 7 |
| | | |
| | 7.3 | 8 |
| 8 | | 8 |
| | 8. 1 | 8 |
| | 8.2 | 8 |
| | 8. 3 | 8 |
| | 0.0 | |



2 26



W-08-24-1201 3 9

1.

91320623746837843F

219

JP

11 4 1

2.

и

W-08-24-1201 4 9

3.

3. 1

2023 1 1 2023 12 31

3. 2

86 219 11 4 1 " GHG"

3.3

I GHG

 CO_2

2 GHG

3 GHG

GHG 1



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4.

4.1

 $${\rm CO}_2$$ ${\rm CH}_4$$ ${\rm N}_2{\rm O}$ ${\rm HFC}s$ ${\rm PFC}s$ ${\rm SF}_6$ ${\rm NF}_3$

4. 2

ISO 14064-1 GHG

* GHG 0. 1%

5.

5.1

2023

2023 1 1 2023 12 31

219 86 11 4 1

GHG 1 2

| | kg | 1941. 20 |
|-------|----|----------|
| R22 | kg | 48. 68 |
| R32 | kg | 30. 10 |
| R410A | kg | 946. 00 |

2

| MWh | |
|-------------|------|
| 1997. 96618 | 9006 |



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5.2

 CO_2

100

5.3

Ecoinvent 3

| I PCC 2006 | 2019 | | | 5 |
|------------|------|---|---|------|
| າ | | | (|) |
| Δ | 2024 | 2 | | |
| | | | | |
| | | | | 2023 |

PAS 2060-2014

5.4

3 Ecoinvent 3-allocation at point of substitution- system

Diesel, low-sulfur {GLO}| market group for | APOS, S Electricity, medium voltage {CN}| market group for | APOS, S Petrol, 5% ethanol by volume from biomass {GLO}| market for | APOS, S Tap water {GLO}| market group for | APOS, S

6

| <u>GHG</u> | <u>GHG Total</u> | <u>863. 45</u> | tC0₂e | 100% |
|------------|------------------------------|----------------|-------|--------|
| 1- | Scope1-Process Emissions | 58. 75 | | 6.80% |
| 1- | Scope1-Vehicle activity fuel | 0. 01 | | 0.00% |
| 2- | Scope2-El ectri ci ty | 803. 18 | | 93.03% |
| 2- | Scope2-Water | 1.51 | | 0.17% |



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7

GHG

7.1

GHG

7

9

7.1

4-1

| 4-1 | | | | | |
|-----|---|---|---|--|--|
| | 6 | 3 | 1 | | |
| | | | | | |

4-2

| 6 | 5 | 4 | 3 | 2 | 1 |
|---|---|---|---|---|---|
| / | / | / | | | |
| | | | | | |

4-3

| 6 | 3 | 1 |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

7.2

5.0

4.0 DL 5.0

3.0 DL 4.0

2.0 DL 3.0

2.0





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7.3

5

| 1- | 6.80% | 1 | 1 | 3 |
|----|---------|---|---|---|
| 1- | 0.00% | 3 | 2 | 3 |
| 2- | 93. 02% | 6 | 1 | 6 |
| 2- | 0. 17% | 6 | 2 | 6 |

4. 15

8

8. 1

GHG 2023

GHG

8.2

土土 伐羌 竹全 反切



W-08-24-1201 9 9



