

The Sapporo Group's Overseas Operating Companies

The Sapporo Group

Data on production volumes, energy consumption, water consumption, and CO₂ emissions

| Company | Country | FY (April 1 to March 31) | | 2016 | 2017 | 2018 | 2019 |
|---------|---------|--|-----------------------------|---------|---------|---------|---------|
| Sleeman | Canada | Production volumes | Thousands of kL | 186 | 189 | 203 | 189 |
| | | Fuel consumption | GJ | 247,069 | 242,646 | 284,904 | 287,990 |
| | | Electricity consumption | MWh | 20,410 | 20,278 | 24,888 | 22,629 |
| | | Water consumption | Thousands of m ³ | 787 | 818 | 891 | 804 |
| | | CO ₂ emissions | t | 15,745 | 15,500 | 18,370 | 18,169 |
| | | CO ₂ emissions per unit volume produced | kg/KL | 84.5 | 82.1 | 90.6 | 96.0 |

| Company | Country | FY (April 1 to March 31) | | 2016 | 2017 | 2018 | 2019 |
|-----------------|---------|--|-----------------------------|--------|--------|--------|--------|
| Sapporo Vietnam | Vietnam | Production volumes | Thousands of kL | 16 | 15 | 21 | 22 |
| | | Fuel consumption | GJ | 17,274 | 17,159 | 20,222 | 20,671 |
| | | Electricity consumption | MWh | 3,326 | 3,258 | 3,577 | 3,473 |
| | | Water consumption | Thousands of m ³ | 120 | 143 | 130 | 123 |
| | | CO ₂ emissions | t | 2,195 | 2,163 | 2,457 | 2,448 |
| | | CO ₂ emissions per unit volume produced | kg/KL | 138 | 144 | 115 | 114 |

| Company | Country | FY (April 1 to March 31) | | 2016 | 2017 | 2018 | 2019 |
|-------------------------------|-----------|--|-----------------------------|--------|--------|--------|--------|
| POKKA CORPORATION (SINGAPORE) | Singapore | Production volumes | Thousands of kL | 72 | 56 | 62 | 58 |
| | | Fuel consumption | GJ | 55,271 | 44,243 | 44,266 | 42,886 |
| | | Electricity consumption | MWh | 5,864 | 4,579 | 5,525 | 5,406 |
| | | Water consumption | Thousands of m ³ | 256 | 191 | 198 | 193 |
| | | CO ₂ emissions | t | 5,488 | 4,341 | 4,773 | 4,648 |
| | | CO ₂ emissions per unit volume produced | kg/KL | 76.6 | 77.4 | 76.6 | 79.9 |

| Company | Country | FY (April 1 to March 31) | | 2016 | 2017 | 2018 | 2019 |
|------------------|----------|--|-----------------------------|--------|--------|--------|--------|
| POKKA (MALAYSIA) | Malaysia | Production volumes | Thousands of kL | 36 | 37 | 31 | 38 |
| | | Fuel consumption | GJ | 39,705 | 36,251 | 31,457 | 37,420 |
| | | Electricity consumption | MWh | 6,134 | 5,884 | 5,897 | 6,715 |
| | | Water consumption | Thousands of m ³ | 191 | 167 | 167 | 214 |
| | | CO ₂ emissions | t | 6,275 | 5,926 | 5,691 | 6,561 |
| | | CO ₂ emissions per unit volume produced | kg/KL | 174 | 160 | 186 | 171 |

| Company | Country | FY (April 1 to March 31) | | 2016 | 2017 | 2018 | 2019 |
|------------------------|---------|--|-----------------------------|------|------|--------|--------|
| Anchor Brewing Company | U.S.A. | Production volumes | Thousands of kL | - | - | 10 | 8 |
| | | Fuel consumption | GJ | - | - | 16,229 | 13,925 |
| | | Electricity consumption | MWh | - | - | 2,013 | 1,316 |
| | | Water consumption | Thousands of m ³ | - | - | 61 | 61 |
| | | CO ₂ emissions | t | - | - | 1,213 | 960 |
| | | CO ₂ emissions per unit volume produced | kg/KL | - | - | 126 | 123 |

CO₂ emissions factors for overseas energy use are calculated according to data issued by the International Energy Agency or relevant electric power companies.