Emissions from production of Pohjolan Voima in 2020 - 2024

Specific carbon dioxide emissions from heat and electricity production in 2020–2024					
	2020	2021	2022	2023	**2024**
Specific CO_2-emissions electricity [g CO_2/kWh]	31.1	33.9	30.7	5.1	**5.0**
Electricity production, TWh	11.8	11.7	12.3	17.0	**16.1**
Specific CO_2-emissions heat [g CO_2/kWh]	76.0	61.3	79.0	34.0	**39.0**
Heat production, TWh	3.6	3.5	3.1	2.8	**2.5**
Specific CO_2-emissions heat and electricity [g CO_2/kWh]	43.0	40.3	40.5	9.2	**9.6**

Carbon dioxide emissions from heat and electricity production in 2020–2024					
	2020	2021	2022	2023	**2024**
CO_2 emission [mil. tonnes]	0.64	0.60	0.63	0.18	**0.18**
Electricity production, TWh	11.8	11.7	12.3	17.0	**16.1**

Acidifying emissions from heat and electricity production in 2020–2024					
	2020	2021	2022	2023	**2024**
Sulphur dioxide emissions [1,000 t]	0.5	0.5	0.5	0.2	**0.2**
Nitrogen oxide emissions [1,000 t]	1.6	1.8	1.5	1.3	**1.0**
Electricity production, TWh	11.8	11.7	12.3	17.0	**16.1**

Particle emissions from heat and electricity production in 2020–2024					
	2020	2021	2022	2023	**2024**
Particle emissions [t]	72	69	54	41	**41**
Electricity production, TWh	11.8	11.7	12.3	17.0	**16.1**

Usage of by-products and reutilisation levels in 2020–2024 *					
	2020	2021	2022	2023	**2024**
By-products [t]	72 178	76 404	62 533	61 763	**48 427**
Reutilisation level %	117.4	73.4	108.9	95.8	**112.4**

* The figures include the amount and utilization percentage of by-products generated in the operations of Pohjolan Voima's subsidiaries. The figures do not include data from the associated company Alholmens Kraft.