

2021

## Emissions from production of Pohjolan Voima in 2016-2020

<b>Specific carbon dioxide emissions from electricity production in 2017–2021</b>						
	2017	2018	2019	2020	2021	<b>2022</b>
Specific CO <sub>2</sub> -emissions [g CO <sub>2</sub> /kWh]	61.7	97.6	46.9	31.1	33.9	<b>30.7</b>
Electricity production [TWh]	11.4	12.0	11.7	11.8	11.7	<b>12.2</b>

<b>Carbon dioxide emissions from heat and electricity production in 2017–2021</b>						
	2017	2018	2019	2020	2021	<b>2022</b>
CO <sub>2</sub> emission, million tonnes	1.08	1.65	0.95	0.64	0.60	<b>0.60</b>
Electricity production (TWh)	11.4	12.0	11.7	11.8	11.7	<b>12.2</b>

<b>Acidifying emissions from heat and electricity production in 2017–2021</b>						
	2017	2018	2019	2020	2021	<b>2022</b>
Sulphur dioxide emissions [1,000 t]	1.0	1.4	0.7	0.5	0.5	<b>0.5</b>
Nitrogen oxide emissions [1,000 t]	2.4	2.7	1.9	1.6	1.8	<b>1.5</b>
Electricity production [TWh]	11.4	12.0	11.7	11.8	11.7	<b>12.2</b>

<b>Particle emissions from heat and electricity production in 2017–2021</b>						
	2017	2018	2019	2020	2021	<b>2022</b>
Particle emissions [t]	85	99	77	72	69	<b>54</b>
Electricity production (TWh)	11.4	12.0	11.7	11.8	11.7	<b>12.2</b>

<b>Usage of by-products and reutilisation levels in 2017–2021</b>						
	2017	2018	2019	2020	2021	<b>2022</b>
By-products [1,000 t]	127 819	166 647	120 875	96 041	105 396	<b>94 477</b>

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Reutilisation level %	125%	86%	105%	143%	75%	<b>112%</b>