

Kennzahlen für das Rechenzentrum **RZJ** Jahr **2025** (Änderungen gegenüber dem Vorjahr sind farblich dargestellt)

<b>ANNEX I</b>	1a DC Name	Rechenzentrum Juchgasse (RZJ)
	1b Owner and operator of the DC	Magistrat der Stadt Wien MA 01, Wien Digital
	1c Location (LAU/ PLZ)	1030 Wien
	1d Type of DC (Enterprise / Colo / Co Hosting - structure/Group of structures)	Enterprise data centre
	1e Year and Month of entry into operation	Jul.13
	2a Redundancy Level Power (at high voltage / low voltage / rack level)	2N/2N/2N VK3-EN50600
	2b Redundancy Level Cooling room / Rack	n+1 VK3-EN50600

<b>ANNEX II</b>	<b>1 energy and sustainability indicators</b>	
	1a Installed information technology power demand ( $P_{DIT}$ ), kW --> weighted average year	640 kW
	1b DC total floor area ( $S_{dc}$ ), m <sup>2</sup> , mixed buildings DC related areas (Computer room and technical rooms)	3 059,50 m <sup>2</sup>
	1c DC Computer Room floor area ( $S_{cr}$ ), m <sup>2</sup> , sum of all Computer room, white space	1 191,90 m <sup>2</sup>
	1d Total Energy Consumption( $E_{DC}$ , according to EN50600-4-2 Standard), kWh, seperated $E_{DC\_BG}$ (backup generator)	4 801 642,96 kWh
	1e Total Energy Consumption of information technology equipment ( $E_{IT}$ ), kWh	3 378 083,97 kWh
	1f Electrical grid functions (provides yes/no, which type)	no
	1g Average battery capacity ( $C_{BTG}$ ), kW, provided to the grid for grid functions	no
	1h Total Water input ( $W_{IN}$ ), m <sup>3</sup> , measured at the DC boundary, and WUE according to EN50600-4-9	16,03 m <sup>3</sup>
	1i Total Potable Water Input ( $W_{IN\_POT}$ ), m <sup>3</sup> , based on EN50600-4-9	16,03 m <sup>3</sup>
	1j Waste heat reused ( $E_{REUSE}$ ), kWh, EN50600-4-6	493 393,98 kWh
	1k Average waste heat temperature ( $T_{WH}$ )	19°C
	1l Average setpoint information technology equipment intake air temperature ("TIN", in degree Celsius)	25,37°C
	1m Type of refrigerant	R134a
	1n Cooling degree days ("CDD", in degree-days)	270

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		Rechenzentrum Juchgasse (RZJ)	
<b>ANNEX II</b>	1a	DC Name	
	1o	Total renewable energy consumption (" $E_{RES-TOT}$ ", in kWh), EN50600-4-3	4 801 642,957 kWh
	1p	Total renewable energy consumption from Guarantees of Origin (" $E_{RES-GOO}$ ", in kWh)	4 801 642,957 kWh
	1q	Total renewable energy consumption from Power Purchasing Agreements (" $E_{RES-PPA}$ ", in kWh)	0 kWh
	1r	Total renewable energy consumption from on-site renewables (" $E_{RES-OS}$ ", in kWh)	0 kWh
	<b>2</b>	<b>ICT Capacity</b>	
	2a	ICT capacity for servers (" $C_{SERV}$ ")	in Ausarbeitung
	2b	ICT capacity for storage equipment (" $C_{STOR}$ ", in petabytes)	23,876 petabytes
	<b>3</b>	<b>Data Traffic indicators</b>	
	3a	Incoming traffic bandwidth (" $B_{IN}$ ", in gigabytes per second)	204 Gbit/s
	3b	Outgoing traffic bandwidth (" $B_{OUT}$ ", in gigabytes per second)	204 Gbit/s
	3c	Incoming data traffic (" $T_{IN}$ ", in exabytes)	0,0405 EB
	3d	Outgoing data traffic (" $T_{OUT}$ ", in exabytes)	0,0416 EB

<b>ANNEX III</b>	1a	Key figure for energy used (Power Usage Effectiveness, <i>PUE</i> 2)	1,42
	1b	Water Usage Effectiveness ( <i>WUE</i> <sub>1</sub> )	0,0047
	1c	Energy Reuse Factor (ERF, proportion of reused energy)	0,10
	1d	Renewable Energy Factor (REF, share of renewable energies)	1,00
	1e	Cooling Efficiency Ratio (CER)	4,75*

\*Approximation – bedingt durch Umbauarbeiten entspricht dieser Wert nicht dem tatsächlichen Ist-Wert.