



# DANUBE DATA CENTER: 26 MW+ Green Energy & Connectivity Hub

**Location:** Štúrovo, Slovakia (Strategic CEE Infrastructure)

**Project Owner:** IPS Industrial Park

**Status:** Shovel-Ready | Existing Microgrid & Fiber Infrastructure

## 1. UNMATCHED ENERGY MIX (The IPS Micro-grid)

- **Immediate Grid Power:** 26 MW (2x13 MW redundant dedicated feeds).
- **On-site Renewable:** 24 MW Solar PV Plant.
- **Energy Storage (BESS):** 12 MW Battery System for peak shaving.
- **Scalability:** Planned to 40 MW (Grid) and **100 MW+** via on-site Trigeneneration.

## 2. HIGH-SPEED CONNECTIVITY & NETWORK

- **Strategic Fiber Node:** Located on the primary Frankfurt–Vienna–Budapest–Warsaw backbone.
- **Ultra-Low Latency:** Sub-5ms latency to Vienna and Bratislava; ideal for Edge-computing and AI.
- **Carrier Neutrality:** Open access for all Tier-1 providers (Deutsche Telekom, Orange, Lumen, A1).
- **Diverse Paths:** Dual-entry, physically separated fiber routes already available on-site.

## 3. STRATEGIC ADVANTAGES

- **ESG Compliant:** Significant carbon footprint reduction via on-site solar.
- **Time-to-Market:** Zero delay – land, zoning, power, and fiber are operational.
- **Resilience:** "Island-mode" capability (Grid + Solar + BESS + Gas).



<https://danubedata.center/>  
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