



## Shandong Zhucheng Cogen plant

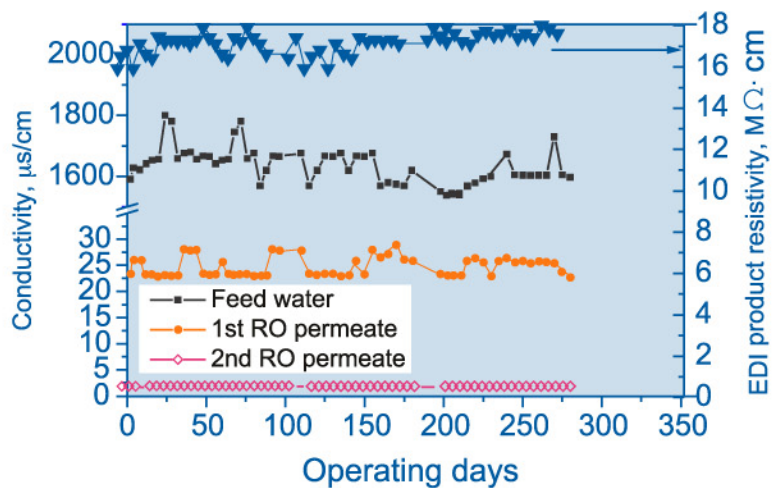
- **Power capacity:** 2x12MW
- **Boiler specifications:** 450°C/5.29MPa
- **Water capacity requirement (m<sup>3</sup>/h):** 225 m<sup>3</sup>/h
- **Raw water specifications:**

Well water

TDS	: 1180mg/L	HCO <sub>3</sub> <sup>-</sup>	: 318mg/L
Ca <sup>2+</sup>	: 202mg/L	SiO <sub>2</sub>	: 14mg/L



- **Product quality requirement:**  
Resistivity: >5MΩ·cm; SiO<sub>2</sub><20ppb
- **Process flow design:**  
MMF + 2 pass RO + OMEXELL™ EDI
- **Actual Product Quality:**  
Resistivity: 16 - 18MΩ·cm; SiO<sub>2</sub><5ppb
- **Operating History**



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