



Qingdao Hengyuan Cogen plant

- **Power capacity:** 2X12MW
- **Boiler specifications:** 450°C/5.29MP_a
- **Water capacity requirement (m³/h):** 2X90m³/h
- **Raw water specifications:**

Surface water

TDS	: 350mg/L	HCO ₃ ⁻	: 108mg/L
Ca ²⁺	: 35mg/L	SiO ₂	: 19.1mg/L

- **Product quality requirement :**

Resistivity: >3MΩ · cm; SiO₂<20ppb

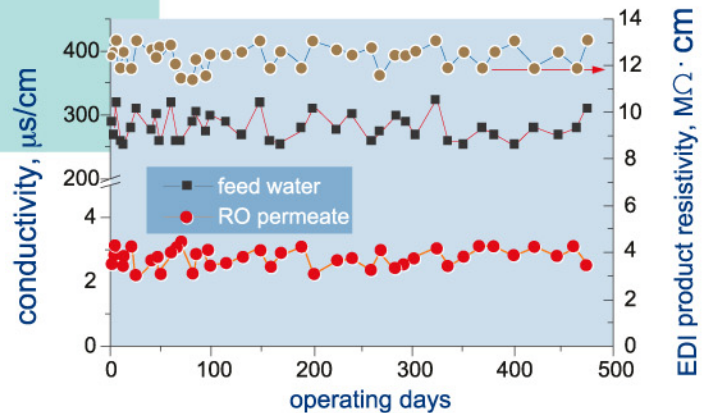
- **Process flow design:**

OMEXELL™ UF + RO + OMEXELL™ EDI

- **Actual Product Quality:**

Resistivity: 12-16MΩ · cm; SiO₂<10ppb

- **Operating History**



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