

E-Sorp as Fine Polishing Unit



Deep Purification

- Desalination cut between 20-99%
- Salinity as low as 0.5 $\mu\text{S}/\text{cm}$
- Recovery up to 90%



Replacement of Mixed Bed Units

- E-Sorp is chemical free operation/ regeneration
- Stable product quality
- Low OPEX compared to resins



Convenient Technology

- Remote access maintenance
- Robust, Plug and Play system
- Simple and easy-to-operate process

E-sorp

- Can replace existing mixed bed technologies
- Recovery up to 90%
- No pre-treatment
- Chemical free
- Environment friendly
- Zero noise level
- Immediate quality control
- Low OPEX
- Low footprint
- Quality tuning



E-Sorp Summary



Quality Tuning: ability to control the product quality & ion composition by adjusting inlet current in-rush to the modules within set limitations. Client controls the product quality



Robust and Reliable: E-Sorp consists of very few components. It is a very simple process which is unlikely to be destroyed by mistake, by force or by staff ignorance paired with highly sophisticated current in-rush logics and by BKG build-to-last electronics



Maintenance: can be taken over by BKG via remote access connection anywhere in the world



Plug and Play: every unit is wet-tested and pre-set at BKG. After connecting the unit it is a plug-and-play system; easy for operator to set-up the system



Green technology: Chemical-free desalination, chemical-free softening, chemical-free denitrification, no waste pollution, low pressure, low energy, high recovery,

