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3,	
	Dual Reverse Osmosis with Chemical Precipitation
An Integrated Framework for Treatment and Management of Produced Water	Dut reverse concess (FO) with of monical propilations merging both physical purchasion more propilation of the second prop
TECHNICAL ASSESSMENT OF PRODUCED WATER TREATMENT TECHNOLOGIES	1° R0 PRIMATE
1" EDITION	PERMEATE
RPSEA Project 07122-12	
	Summary of technical assessment of dual RO with chemical precipitation
	Criteria Description/Rationale Status of Technology Pilot tested at municipal desalination plants. Not previously emp for ORM and restance to attract.
	Feed water quality bins Feed water quality bins rolat dissolved solids application range from 1,000 mg/L to 35, rg/L. High removal of movement removal from the removaler than divalent ions, metals, an organics is achievable. System is likely to achieve additional sili removal from the removalation
	Product water quality Permeate water quality depends on feed water salinity and oper conditions. Plot studies reported 04% rejection of total dissolve solids.
	Recovery Product water recovery is estimated to exceed 90%.
	Energy use No data is currently available.
November 2009	Chemical use Ohenical demand of time (Ca(Oh)) or causito soda (NiAOh) de on water chemical and the quantity of calation and magnetium targeted for removal. Chemical cleaning ratis depand on field water quality. Membra cleaning will be triggered when certain operating conditions are exceeded, and may require the use of AIOH, Na, BACHA, or HOC



















