

















Economics of Seawater Desalination			CORPORATIO
 Global production of desalinated water 40 million m³ / day of which nearly ½ are multi-stage thermal (mostly in the Middle East counties) and remaining are RO systems for brackish and seawater (SWRO) Economic merits of OTEC-water production should be based on SWRO in terms of energy consumption, carbon credit, environment impacts and O&M costs 			
Туре	SWRO		
Production Capacity	10 million liters /day		
Total Installed Costs (TIC), \$	14,845,100	14,845,100	14,845,100
Annual Levelized Costs			
Depreciation over 10 years, \$	1,484,510	1,484,510	1,484,510
Electric Power, kW	1500	1500	1500
Electric Rate, \$ / kWh	0.15	0.25	0.35
Energy Costs, \$	1,782,000	2,970,000	4,158,000
O & M and Membrane Replacement Costs, \$	1,406,500	1,406,500	1,406,500
Total Annual Cost, \$	4,673,010	5,861,010	7,049,010
Cost of Water, \$/m3	1.42	1.78	2.14
\$/Kgpd	5.36	6.73	8.09







