

## Demin Water RO+EDI

In 2013, Pure Aqua successfully supplied, a demin water system to PDVSA (Venezuelan government). The water is used for boiler feed, a new power plant currently being constructed. Pure Aqua provided packaged/skidded equipment consisting of Multi-Media Filters, Reverse Osmosis Unit and Electrodeionization System (EDI) for polishing.



### System Overview

Location:	Venezuela
End-User (owner):	PDVSA
Application:	Demin Water (boiler feed)
Water Source:	Well Water
Feed TDS:	<500 ppm
Capacity:	207,360 GPD (2x100%)
Treatment Train:	Sand Filters + Reverse Osmosis + EDI
Ancillary Equipment:	Cleaning Skid/system (CIP) Oil Water Separator, Potable Water System
Control System:	PLC (AB Compact Logix) + HMI (PV1000) All 5 skids connected via Remote I/O HART Network

sales@pureaqua.com  
www.pureaqua.com

2230 S Huron Drive  
Santa Ana, CA 92704  
USA

Tel: +1-714-432-9996

Fax: +1-714-432-9898

Designed and  
Manufactured in  
Southern California,  
USA

Pure Aqua Inc. is an  
ISO: 9001 certified  
company with over a  
decade of experience  
in advanced system  
design and  
manufacturing.

Using the latest  
technology in 3D  
Computer Aided  
Design (CAD) software  
allows for highly  
detailed and functional  
design. It decreases  
engineering hours  
while improving design.

Our modular systems  
are engineered for  
ease of integration and  
delivery.