

# Abu Dhabi Water and Electricity Authority (ADWEA)

*Reduces annual maintenance plan by about 40 percent*

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## Overview

Abu Dhabi Water and Electricity Authority  
United Arab Emirates

## Solution components

- IBM® Maximo® Asset Management
  - IBM Maximo for Oil and Gas
  - IBM Maximo for Utilities
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## The need

“Abu Dhabi has seen a lot of growth in the past few years,” says Mustafa Aziz, Abu Dhabi Water and Electricity Authority (ADWEA). “Our power and water demand has increased about 7.5 percent year-on-year for the past several years and we are projecting the same demand in the coming years. ADWEA is embarking on a concept called Smart Utility, which will seek integration of technology into the power generation, distribution and transmission side so we make sure that we efficiently dispatch the power and fulfill the needs of our customers.”

## The solution

“Maximo 7 [IBM® Maximo® Asset Management] is based on state-of-the-art technology and it provides us with a platform where we can integrate other systems through a service oriented architecture framework,” says Aziz. “The integrations are very easy and the data information exchange is going to be very easy.”

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*“We have used [IBM] Maximo to optimize our field workforce manpower utilization and reduce our annual maintenance plan. The annual maintenance plan has been reduced around 40 percent.”*

— Mustafa Aziz, Abu Dhabi Water and Electricity Authority

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“We have gone out into various business units which are traditionally non-Maximo oriented,” says Aziz. “The foremost is the health, safety and quality groups within the company and we are rolling out Maximo Oil and Gas in a utility for incident management, incident tracking and change process management. We have used Maximo for Utilities and we have rolled out the CUE [Compatible Unit Estimating] functionality in that area of the business. Maximo is one of the biggest systems which touches a lot of users in Abu Dhabi Water and Electricity Authority.”

### The benefit

“The biggest benefit is documentation of information and we have used Maximo to optimize our field workforce manpower utilization and reduce our annual maintenance plan,” says Aziz. “The annual maintenance plan has been reduced around 40 percent.”

### For more information

To learn more about IBM enterprise asset management solutions, please contact your IBM sales representative or IBM Business Partner, or visit the following website: [ibm.com/tivoli/asset-management](http://ibm.com/tivoli/asset-management)



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