

**AiWECC**

شركة أبوظبي للماء والكهرباء  
Abu Dhabi Water & Electricity Company

# 1999 - 2016 STATISTICAL REPORT



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





صاحب السمو الشيخ خليفة بن زايد آل نهيان

رئيس دولة الإمارات العربية المتحدة

**His Highness Sheikh Khalifa Bin Zayed Al Nahyan**

President of the United Arab Emirates







صاحب السمو الشيخ محمد بن زايد آل نهيان  
ولي عهد أبوظبي، نائب القائد الأعلى للقوات المسلحة

**His Highness General Sheikh Mohammad Bin Zayed Al Nahyan**  
Crown Prince of Abu Dhabi, Deputy Supreme Commander of UAE Armed Forces





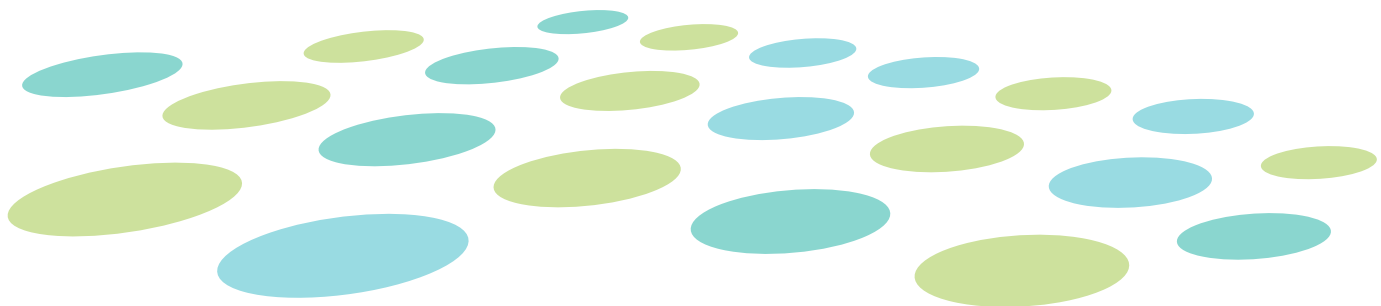


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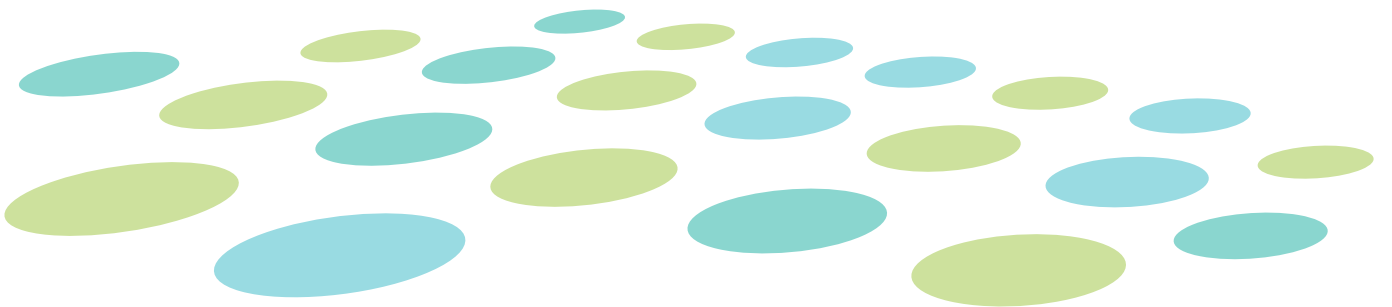
ADWEC's Statistical Report is also available on our website ([www.adwec.ae](http://www.adwec.ae))  
يمكن الحصول التقرير الإحصائي لأدويك من خلال الموقع الإلكتروني ([www.adwec.ae](http://www.adwec.ae))





# General Information

## معلومات عامة





## CHAIRMAN'S MESSAGE

The purpose of this Statistical Report is to provide information on the restructured electricity and water sectors in the Emirate of Abu Dhabi, according to Law No. 2 of 1998.

The Abu Dhabi Water and Electricity Company (ADWEC) was established on 1/1/1999 as part of the restructuring initiative and is the sole Procurer and Seller of electricity and water within the Emirate of Abu Dhabi.

ADWEC is inter alia responsible for preparing and publishing the Statistical Report on an annual basis.

The Statistical Report provides general information about ADWEC, electricity demand, electricity generation, water demand, water production, fuel consumption, demand forecasts and production capacities amongst other information.

We hope this Statistical Report meets all of your data requirements. The Abu Dhabi Water and Electricity Company welcomes constructive comments that will help improve future issues of the report.

Finally, I would like to express my sincere appreciation and thanks to the ADWEC Management and Staff for the preparation of the 1999 - 2016 Statistical Report.

**Abdulla Saif Al Nuaimi**  
ADWEC Chairman

## كلمة رئيس مجلس الإدارة

الهدف من وراء إعداد هذا التقرير الإحصائي هو أن يوفر للأطراف المتخصصة المعلومات اللازمة عن قطاع الماء و الكهرباء الذي تمت إعادة هيكلته وفقاً للقانون رقم (٢) لسنة ١٩٩٨ لإمارة أبوظبي.

تعد شركة أبوظبي للماء و الكهرباء التي تأسست في ١/١/١٩٩٩ ضمن برنامج إعادة الهيكلة، الجهة الوحيدة المخولة بشراء و بيع الماء و الكهرباء في إمارة أبوظبي.

و تتولى شركة أبوظبي للماء و الكهرباء مسؤولية إعداد نشر التقرير الإحصائي كجزء من واجباتها المبينة فيما بعد.

يوفر هذا التقرير معلومات عن قطاعي الماء و الكهرباء. كما يبين نتائج شركة أبوظبي للماء و الكهرباء المتعلقة بالأحمال الكهربائية والطاقة المولدة و إنتاج و استهلاك المياه و استهلاك الوقود و الطلب المتوقع و القدرة الإنتاجية إضافة إلى معلومات أخرى.

ترحب شركة أبوظبي للماء و الكهرباء باقتراحاتكم التي تهدف إلى تحسين الإصدارات المستقبلية من هذا التقرير، آمليين أن يلبي هذا التقرير الإحصائي كافة احتياجاتكم للمعلومات.

ختاماً أود أن أعرب عن خالص شكري و تقديري لإدارة شركة أبوظبي للماء و الكهرباء و العاملين بها على جهودهم في إعداد التقرير الإحصائي ٢٠١٦ - ١٩٩٩.

**عبدالله سيف النعيمي**  
رئيس شركة أبوظبي للماء و الكهرباء



## ADWEC's Role

The Abu Dhabi Water and Electricity Company (ADWEC) is a wholly owned subsidiary of the Abu Dhabi Water and Electricity Authority (ADWEA).

The key role of ADWEC is to act as a guarantor of the security of supply of electricity and water to consumers in the Emirate of Abu Dhabi.

This role is fulfilled through careful short-term and long-term balancing of supply and demand (Demand Forecast and Generation Expansion Planning), through long-term Power and Water Purchase Agreements (PWPAs) with the power/water production companies and through the Bulk Supply Tariff (BST) sales agreement with the Distribution Companies (DISCOs).

ADWEC's main tasks are listed below:

- Prepare long-term Demand Forecasts for electricity and water
- Prepare and publish an annual Statement of Future Capacity Requirements
- Tender and procure new electricity and water IWPP Capacity
- Procure electricity and water production
- Purchase fuel (gas) for the use of licensed Generators
- Settle all payments due to the licensed Generators and fuel suppliers
- Invoice the Distribution Companies (DISCOs) on the basis of the BST for electricity and water supplied.

Copies of ADWEC's Statement of Future Capacity Requirements detailing future capacity expansions / closures for electricity and water production facilities, along with the associated Demand Forecasts are available on request from ADWEC.

Copies of the BST leaflet are also available on request from ADWEC as well.

ADWEC is certified according to the following standards ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007.

**Dr. Saif Saleh Al Seiri**  
Managing Director

## مهام شركة أبوظبي للماء والكهرباء

شركة أبوظبي للماء والكهرباء مملوكة بالكامل لهيئة مياه و كهرباء أبوظبي .

تؤدي الشركة الدور الرئيسي لضمان و تأمين إمدادات الماء و الكهرباء للمستهلكين في إمارة أبوظبي .

و يتم تحقيق هذه الغاية عن طريق موازنة العرض و الطلب على المدى القريب و البعيد (توقعات الطلب و التخطيط لتوسعات الإنتاج) ثم إبرام اتفاقيات شراء طويلة الأجل مع شركات إنتاج الماء و الكهرباء و اتفاقيات تعرفه البيع و التوريد بالجملة مع شركات التوزيع .

و فيما يلي موجز عن المهام الرئيسية التي تقوم بها شركة أبوظبي للماء و الكهرباء :

- وضع تقديرات الطلب على استهلاك الماء و الكهرباء على المدى البعيد
- إعداد و نشر المخطط السنوي للتوسع المستقبلي
- طرح العطاءات و توفير قدرات إنتاج جديدة من الماء و الكهرباء بواسطة مشاريع المنتج المستقل
- شراء الماء و الكهرباء من شركات الإنتاج
- شراء الوقود (الغاز) لاستخدام شركات الإنتاج المرخصة
- تسوية المستحقات لشركات الإنتاج و شركات توريد الوقود
- إعداد و إصدار تعرفه بيع الكهرباء و الماء بالجملة سنوياً و تسوية المستحقات على شركات التوزيع من إمدادات الماء و الكهرباء وفقاً لتعرفه التوريد بالجملة.

إضافة لهذا التقرير يتوفر لدى الشركة مخطط التوسع المستقبلي الذي يبين تطور القدرة الإنتاجية للماء و الكهرباء و توقعات زيادة الطلب.

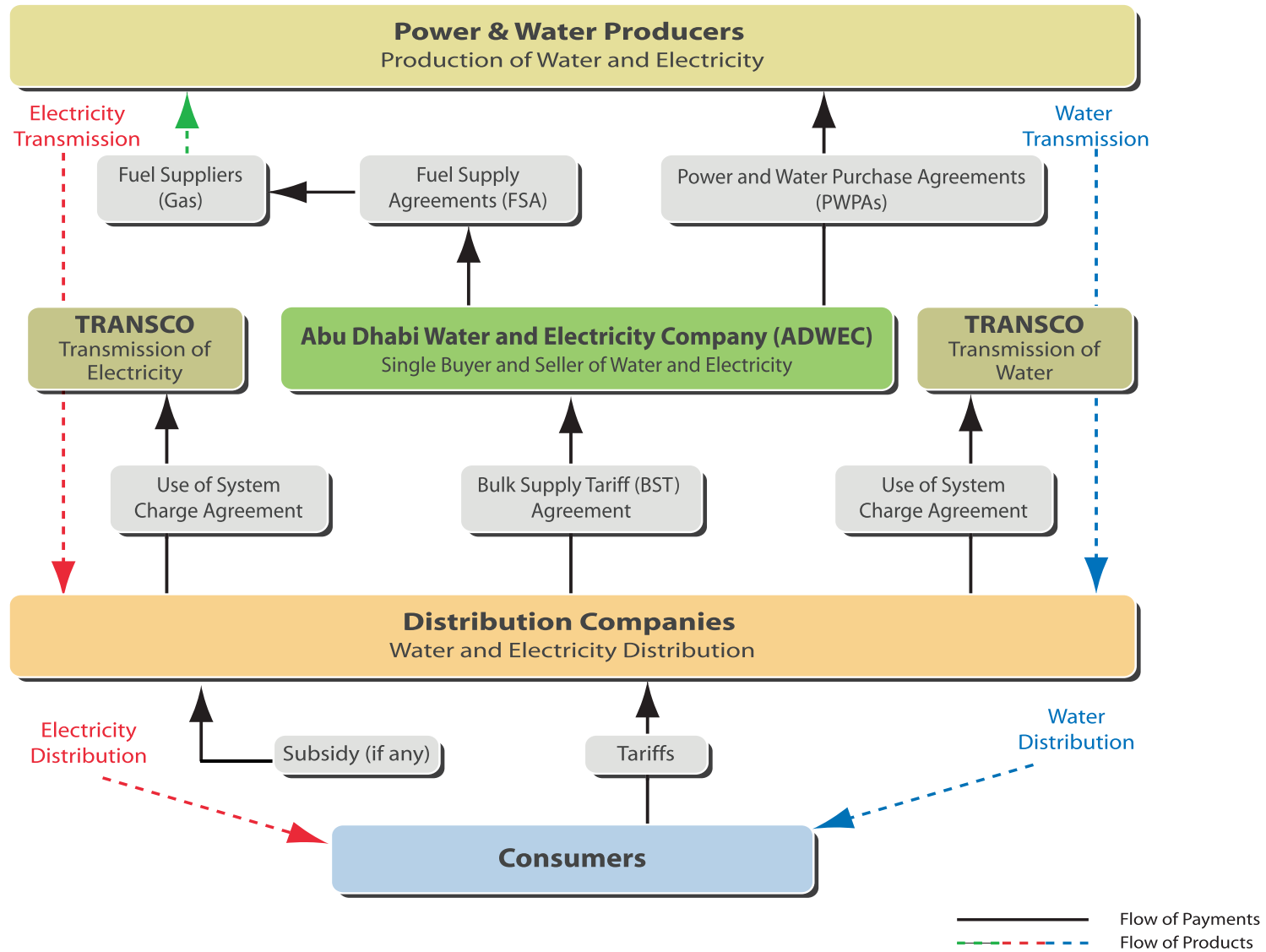
كما يتوفر لدى شركة أبوظبي للماء و الكهرباء كتيب تعرفه البيع بالجملة (BST).

لقد حصلت شركة أبوظبي للماء و الكهرباء على شهادات الجودة رقم ISO 9001:2008 و ISO 14001:2004 كما حازت على شهادة السلامة و البيئة رقم OHSAS 18001:2007.

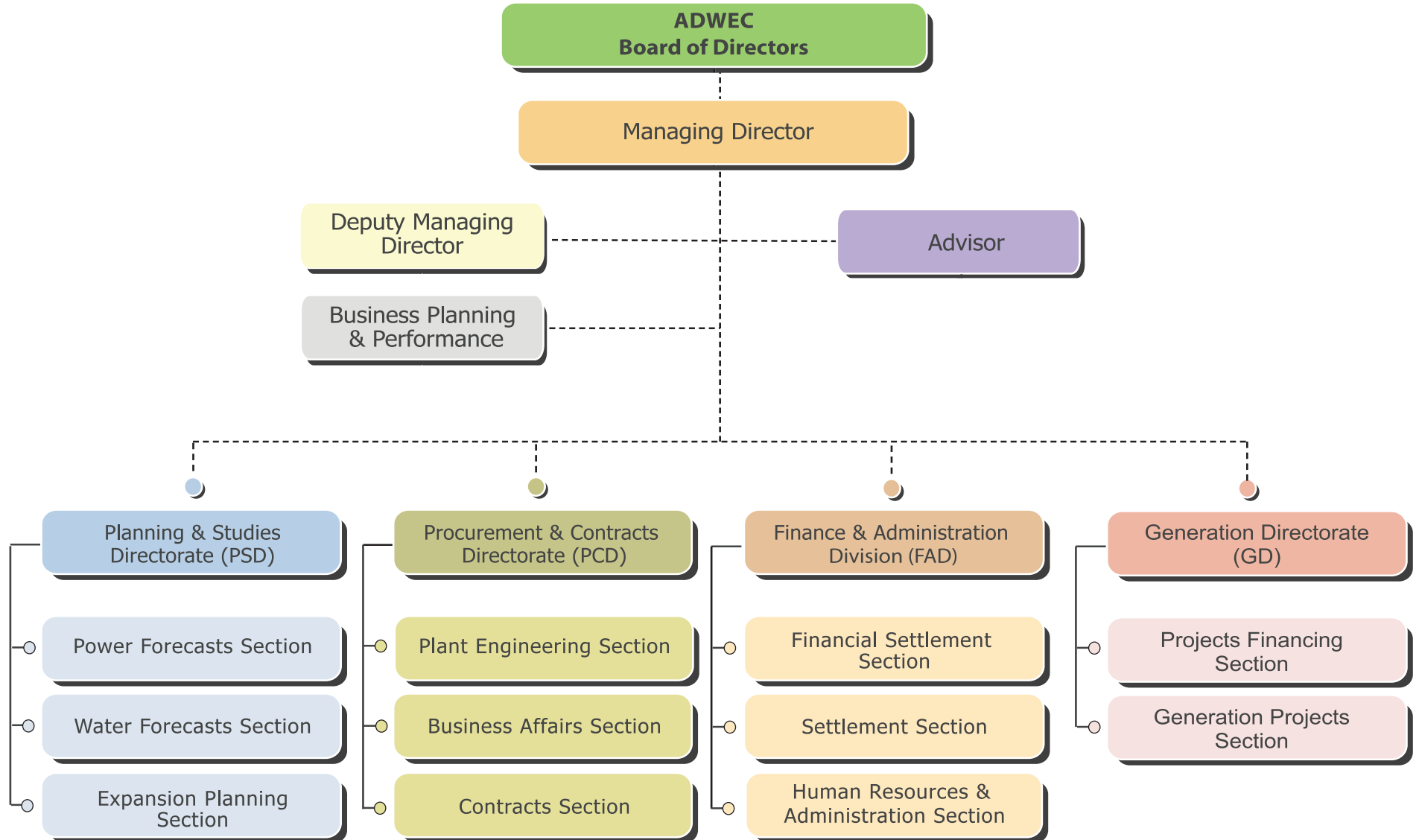
**الدكتور / سيف صالح الصيعري**  
المدير عام

## إتجاه تدفق الإنتاج و الدفعات المالية

### FLOW OF PAYMENTS & PRODUCTS

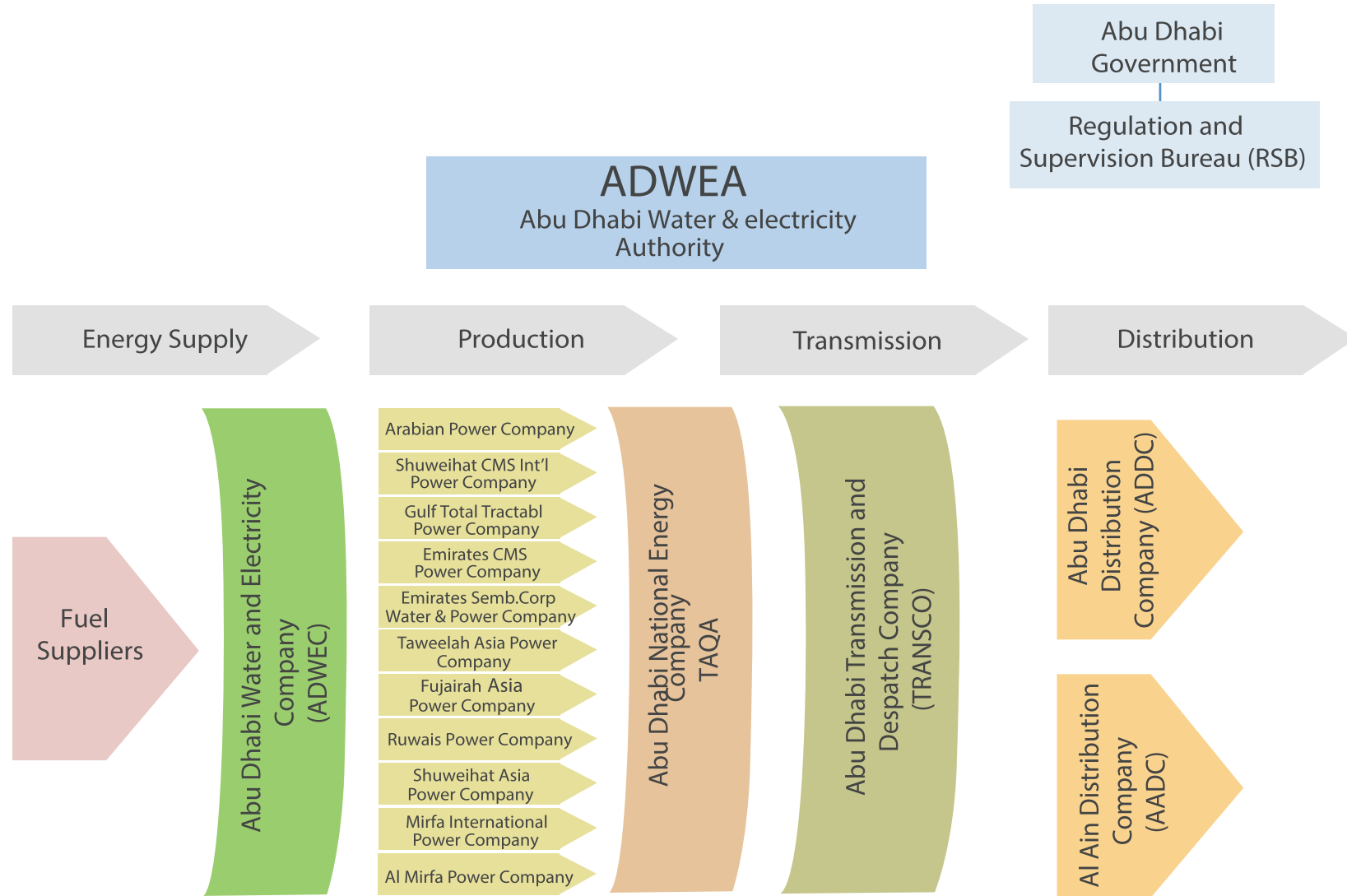


## الهيكل التنظيمي و الأنشطة ADWEC ORGANISATIONAL STRUCTURE



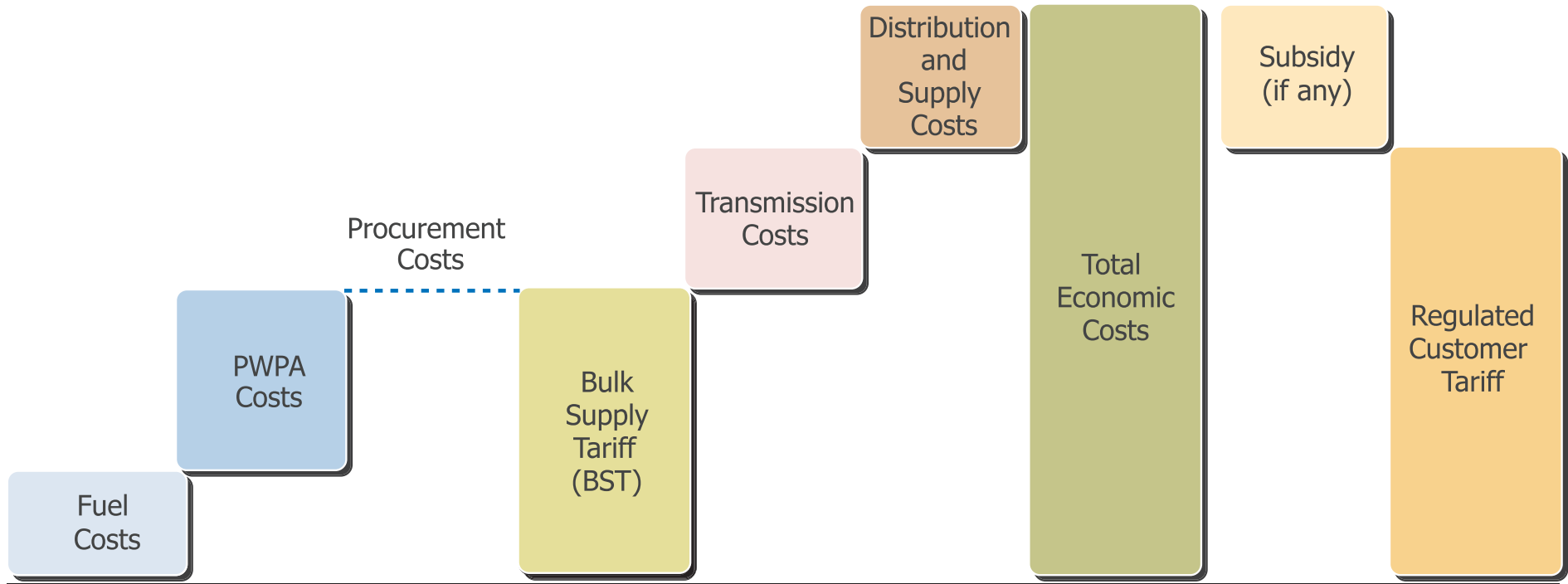
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### STRUCTURE OF ELECTRICITY & WATER SECTOR



بيان تكاليف القطاع (ليس حسب مقياس الرسم)

**PRINCIPLES OF SECTOR COSTS  
 (NOT TO SCALE)**





# Electricity Statistics

## إحصائيات الكهرباء



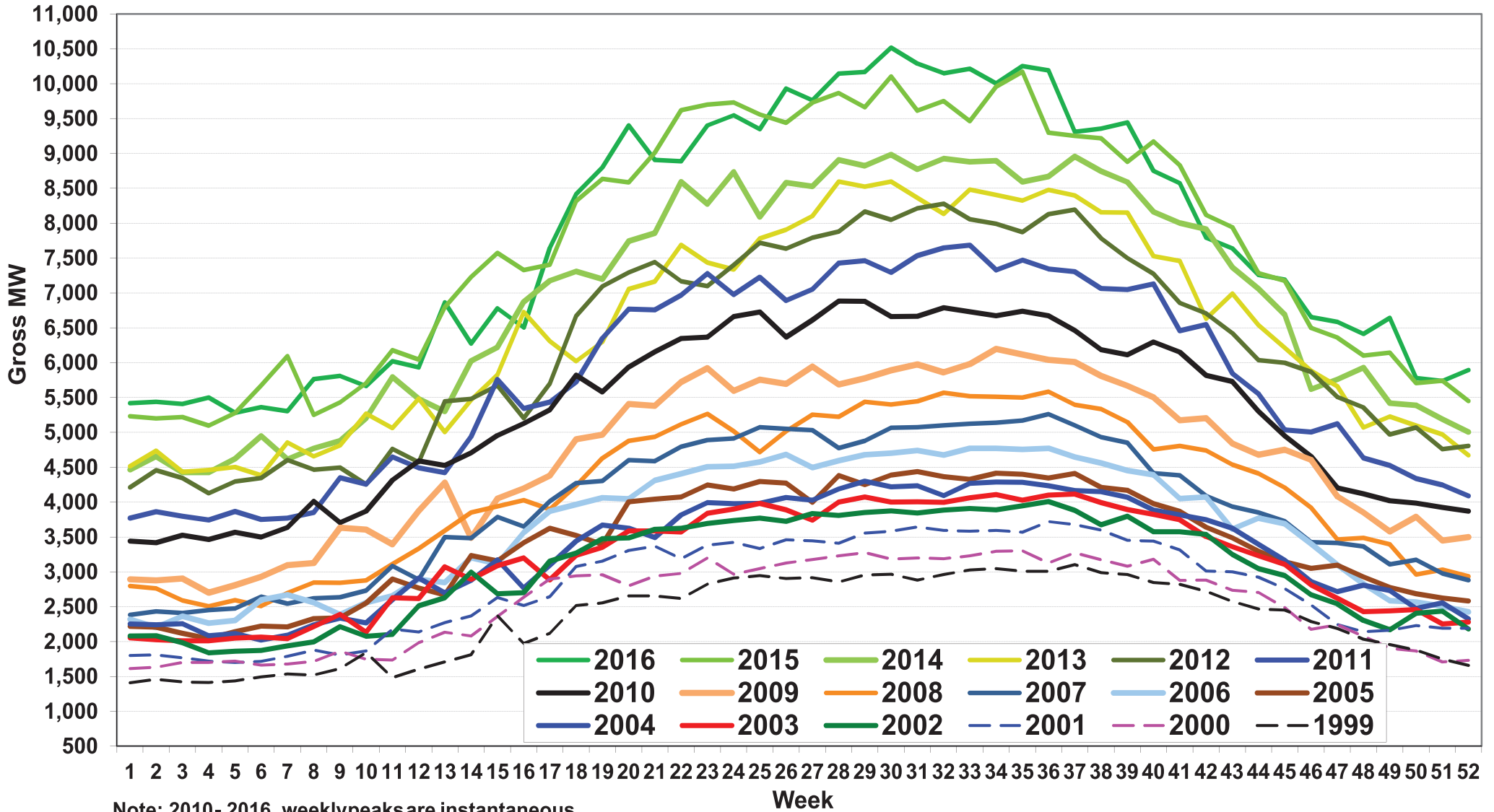
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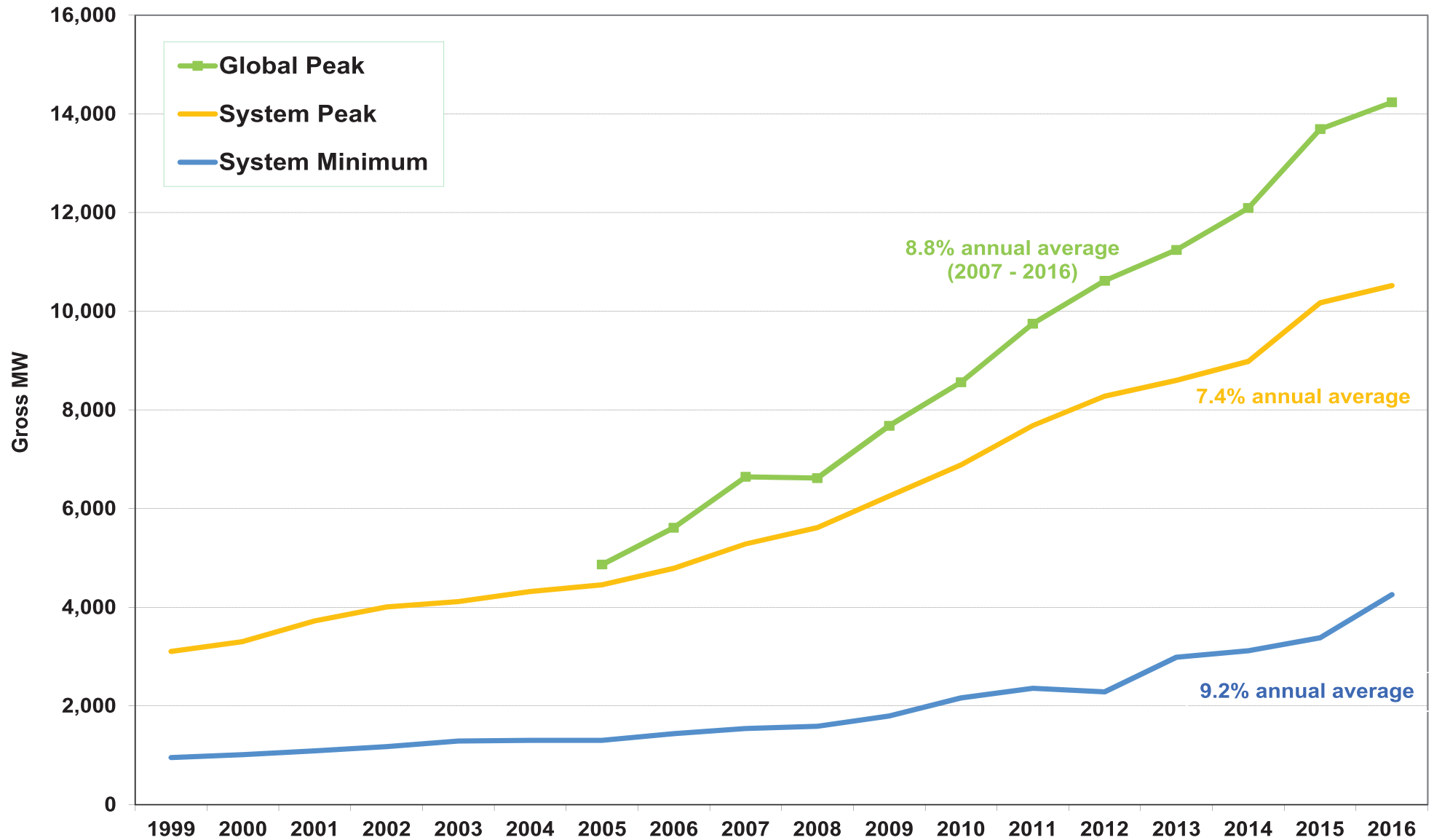
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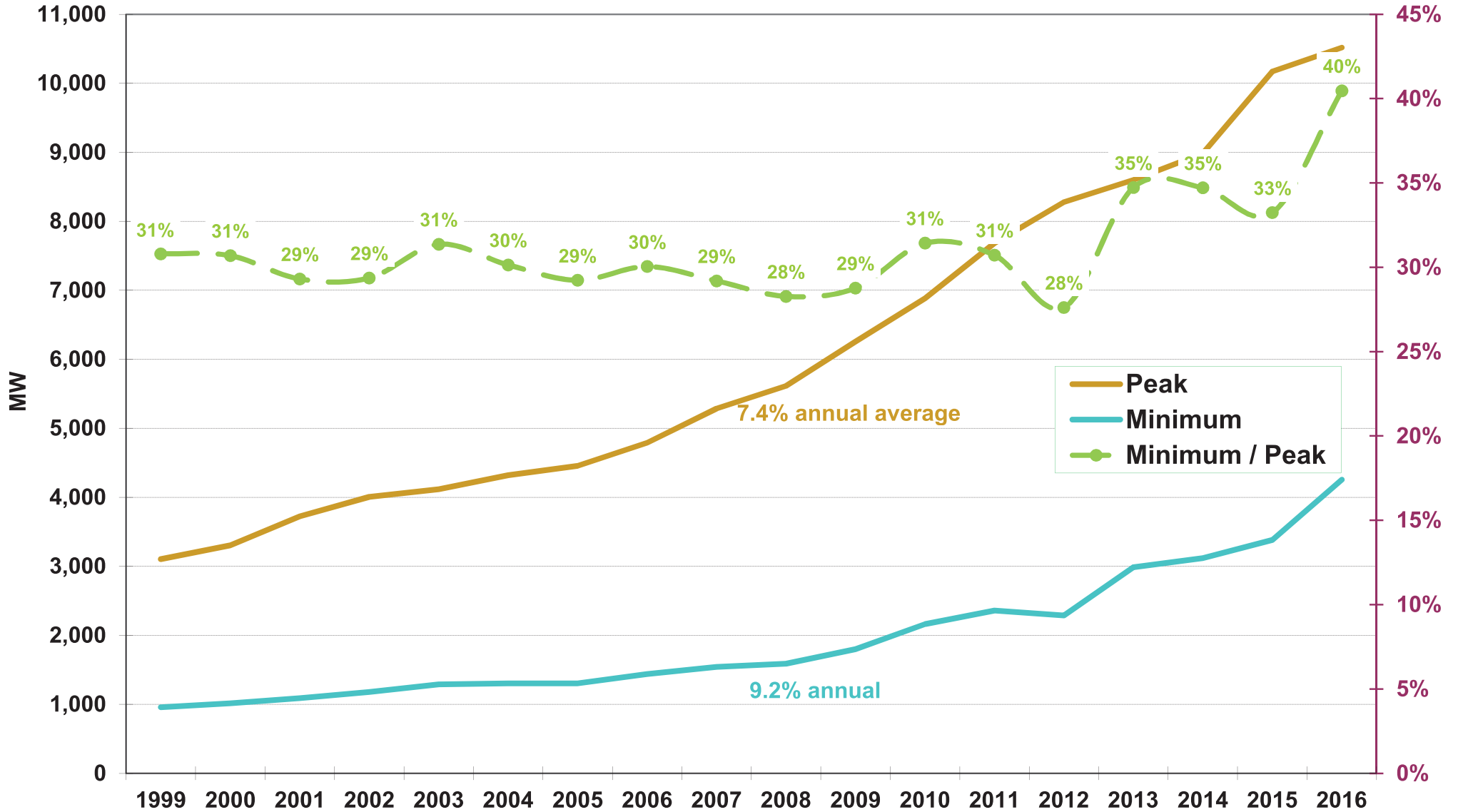
**System Weekly Electricity Peaks 1999 - 2016**



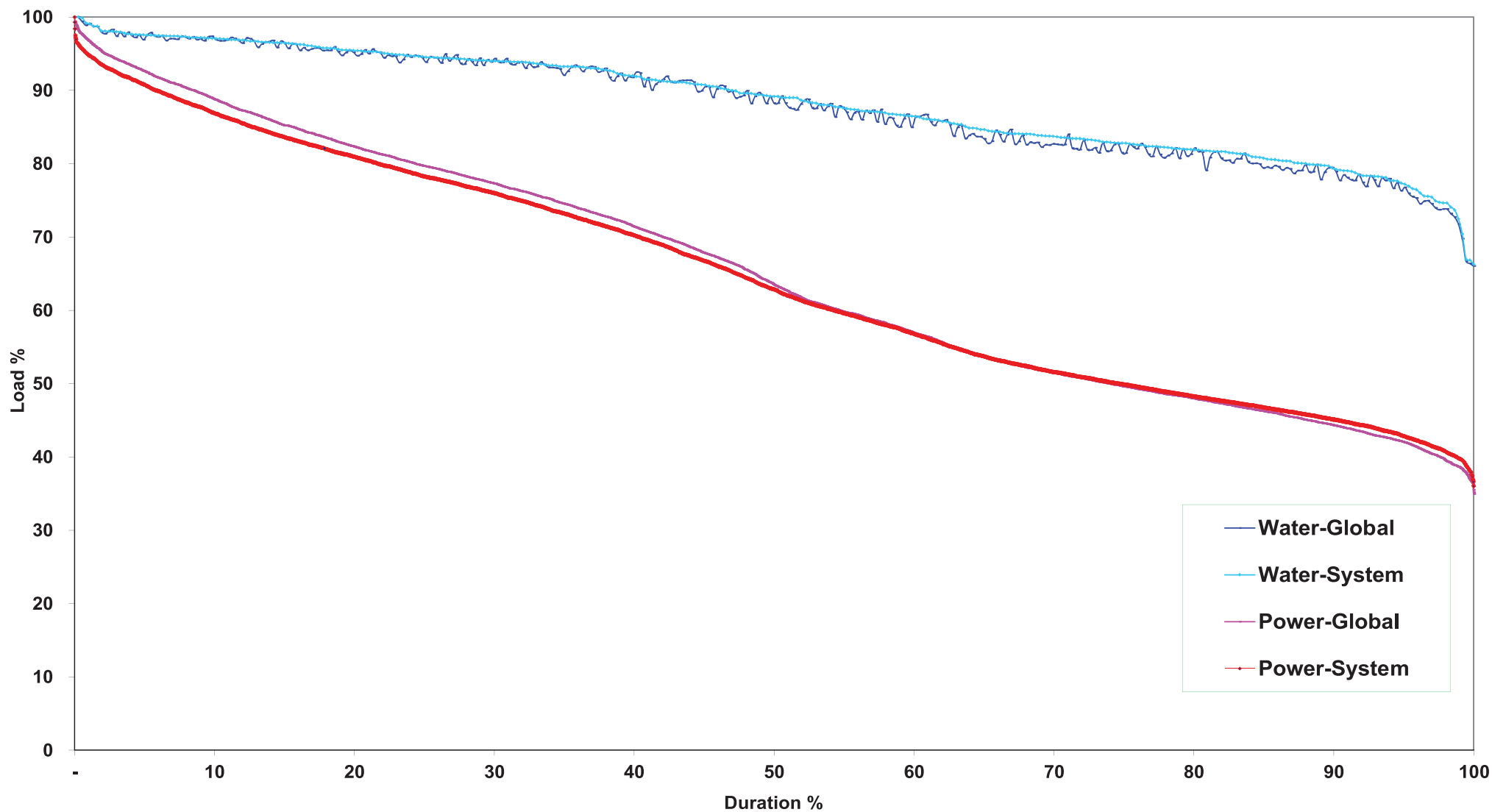
## Global Abu Dhabi System Peak & Minimum Demands 1999 - 2016



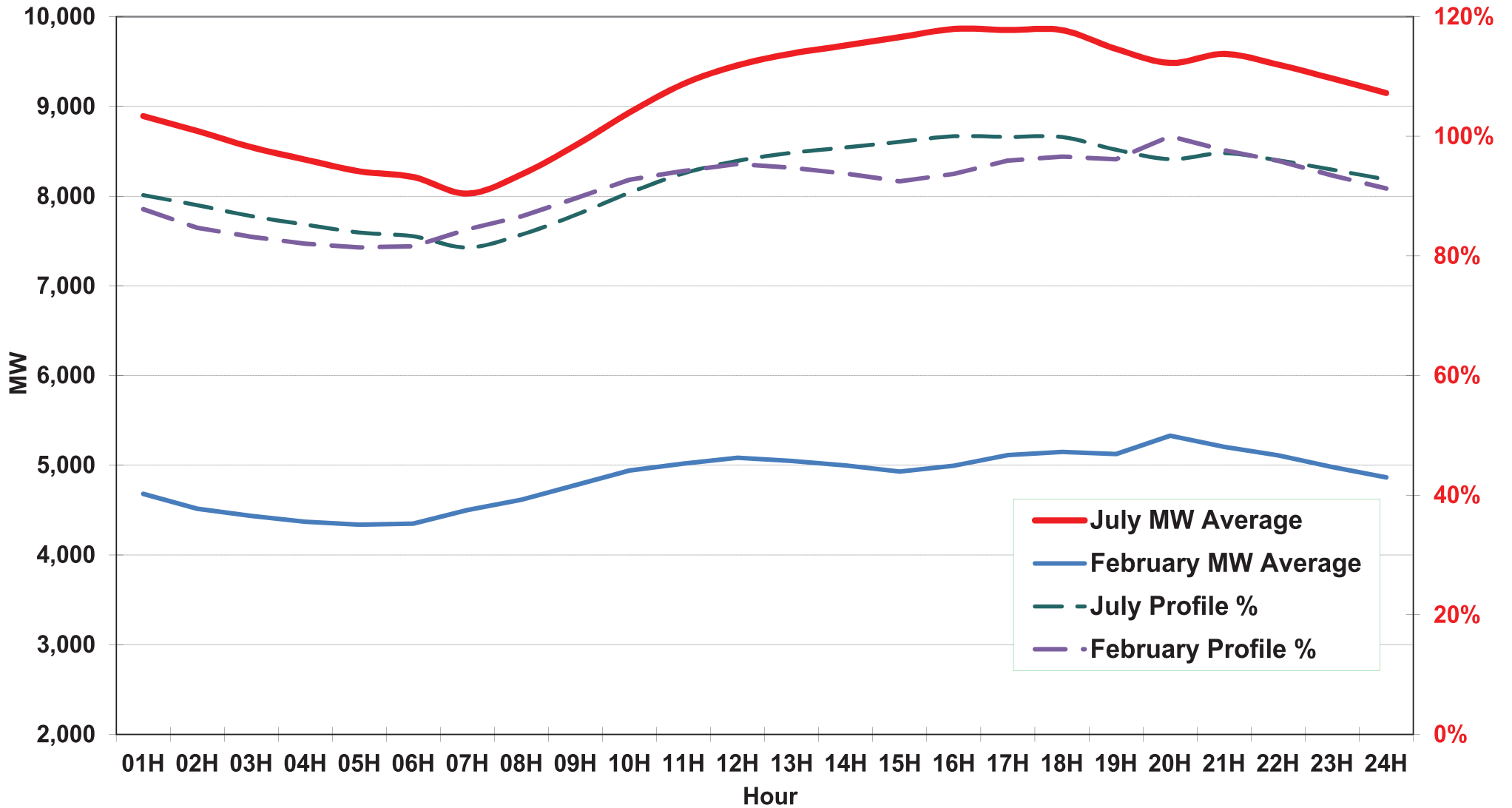
الأحمال القصوى و الأحمال الدنيا و نسبتها المئوية من الأحمال القصوى للشبكة  
**Ratio of System Electricity Minimum / Peak Demands**



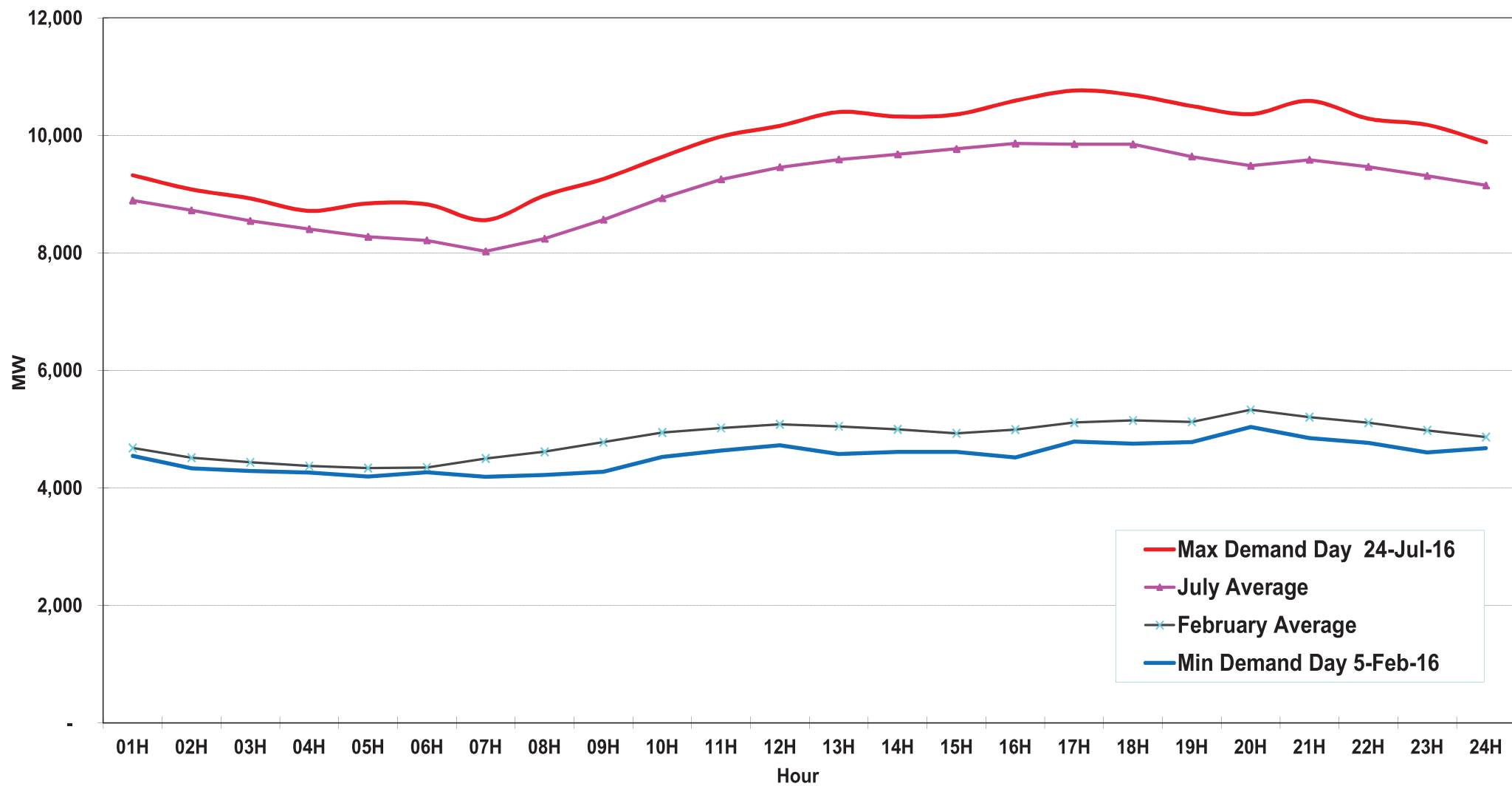
## 2016 System Load Duration Curves



**Abu Dhabi 2016 System Electricity Demand Profiles**



## Abu Dhabi 2016 Maximum Month & Minimum Month Demand Profiles



## الأحمال السنوية القصوى (ميجاوات) Peak Annual Demand (Gross MW)

Year	Abu Dhabi	Al Ain	Western Region	System	Global	Availability
1999	2,013	932	214	3,104	**	3,490
2000	2,101	1,020	257	3,304	**	3,718
2001	2,327	1,135	300	3,723		4,172
2002	2,515	1,234	333	4,008		4,961
2003	2,589	1,297	320	4,116		5,458
2004	2,715	1,316	386	4,320		5,947
2005	2,779	1,349	436	4,455	4,865	7,105
2006	2,972*	1,400	511*	4,790	5,614	6,921
2007	3,241	1,516	572	5,286	6,644	8,086
2008	3,511	1,538	665	5,616	6,620	8,683
2009	3,945	1,683	689	6,255	7,680	10,043
2010	4,371	1,757	931	6,885	8,563	10,804
2011	4,715	1,887	1,345	7,683	9,749	13,254
2012	5,177	2,053	1,330	8,278	10,618	13,591
2013	5,392	2,038	1,467	8,599	11,243	13,721
2014	5,618	2,114	1,514	8,983	12,093	13,958
2015	6,136	2,202	2,133	10,172	13,691	14,590
2016	6,243	2,187	2,242	10,518	14,234	15,135
Notes:				1999 - 2016 Average Growth Rate	7.4%	8.8%

\* as per ADWEC's calculation of actual regional peak demand  
\*\* Western Region load at the time of peak is added to reflect actual system peak

2011 Global peak is 9805 including 56 MW to GCC  
2010 - 2016 data are instantaneous

## الأحمال السنوية الدنيا (ميجاوات) Minimum Annual Demand (Gross MW)

Year	Abu Dhabi	Al Ain	Western Region	System	Global	System Min / Peak
1999	654	176	68	956	**	30.8%
2000	699	238	57	1,014	**	30.7%
2001	728	236	70	1,091		29.3%
2002	803	228	90	1,177		29.4%
2003	889	231	98	1,291		31.4%
2004	925	231	101	1,302		30.1%
2005	922	241	84	1,302		29.2%
2006	978	250	163	1,439		30.0%
2007	1,070	276	185	1,543		29.2%
2008	1,077	276	206	1,588		28.3%
2009	1,233	298	258	1,799	2,218	28.8%
2010	1,379	351	208	2,164	2,766	31.4%
2011	1,440	367	349	2,360	3,233	30.7%
2012	1,410	361	233	2,286	3,680	27.6%
2013	1,790	385	626	2,986	3,928	34.7%
2014	1,797	404	402	3,118	4,220	34.7%
2015	2,064	400	371	3,181	4,591	33.2%
2016	1,961	629	1,095	4,256	6,107	40.5%
Notes:				1999 - 2016 Average Growth Rate	9.2%	

\*\* Western Region load at the time of peak is added to reflect actual System Peak

2010 - 2016 data are instantaneous

## تاريخ حصول الأحمال القصوى

### Peak Annual Demand Dates

Year	Abu Dhabi	Al Ain	Western Region	System	Global
1999	Wednesday-18-August-1999 14:00	Saturday-04-September-1999 16:00	Wednesday-22-September-1999 13:00	Saturday-04-September-1999 16:00	
2000	Tuesday-18-July-2000 14:00	Sunday-04-June-2000 16:00	Saturday-30-September-2000 14:00	Tuesday-29-August-2000 16:00	
2001	Sunday-02-September-2001 14:00	Sunday-02-September-2001 17:00	Monday-23-July-2001 16:00	Sunday-02-September-2001 16:00	
2002	Wednesday-04-September-2002 14:00	Wednesday-04-September-2002 17:00	Tuesday-24-September-2002 16:00	Wednesday-04-September-2002 17:00	
2003	Tuesday-19-August-2003 14:00	Saturday-06-September-2003 17:00	Saturday-06-September-2003 20:00	Saturday-06-September-2003 17:00	
2004	Sunday-11-July-2004 20:00	Wednesday-07-July-2004 17:00	Thursday-05-August-2004 20:00	Wednesday-18-August-2004 19:30	
2005	Monday-25-July-2005 14:00	Saturday-25-June-2005 17:00	Tuesday-13-September-2005 17:00	Tuesday-02-August-2005 16:50	
2006	Wednesday-16-August-2006 20:00	Wednesday-28-June-2006 17:00	Sunday-13-August-2006 20:00	Saturday-19-August-2006 16:43	
2007	Wednesday-05-September-2007 20:00	Wednesday-20-June-2007 17:00	Sunday-02-September-2007 17:00	Sunday-02-September-2007 16:05	
2008	Sunday-03-August-2008 20:00	Thursday-17-July-2008 17:00	Saturday-06-September-2008 22:00	Sunday-31-August-2008 16:40	
2009	Monday-17-August-2009 20:00	Thursday-27-August-2009 17:00	Tuesday-25-August-2009 19:00	Monday-17-August-2009 19:34	
2010	Wednesday-14-July-2010 16:41	Monday-19-July-2010 16:21	Sunday-29-August-2010 15:37	Wednesday-14-July-2010 16:41	
2011	Monday-15-August-2011 16:53	Monday-15-August-2011 16:53	Monday-29-August-2011 16:09	Monday-15-August-2011 16:41	Monday-15-August-2011 16:41
2012	Monday-06-August-2012 16:39	Monday-30-July-2012 16:45	Thursday-09-August-2012 12:52	Monday-06-August-2012 16:39	Monday-06-August-2012 16:39
2013	Tuesday-13-August-2013 12:30	Monday-22-July-2013 16:52	Wednesday-28-August-2013 16:07	Monday-22-July-2013 16:52	Sunday-21-July-2013 16:52
2014	Monday-08-September-2014 16:24	Tuesday-15-July-2014 16:36	Tuesday-23-September-2014 15:30	Monday-21-July-2014 16:29	Monday-21-July-2014 16:29
2015	Wednesday-02-September-2015 15:01	Thursday-03-September-2015 15:53	Wednesday-10-June-2015 14:25	Sunday-30-August-2015 16:35	Wednesday-29-July-2015 15:34
2016	Sunday-24-July-2016 16:01	Sunday-14-August-2016 16:49	Tuesday-06-September-2016 14:27	Sunday-24-July-2016 16:01	Sunday-24-July-2016 16:01

## تاريخ حصول الأحمال الدنيا

### Minimum Annual Demand Dates

Year	Abu Dhabi	Al Ain	Western Region	System	Global
1999	Friday-29-January-1999 05:00	Thursday-04-March-1999 04:00	Wednesday-03-March-1999 04:00	Friday-29-January-1999 06:00	
2000	Wednesday-09-February-2000 04:00	Saturday-19-February-2000 05:00	Monday-14-February-2000 04:00	Wednesday-02-February-2000 05:00	
2001	Tuesday-30-January-2001 04:00	Monday-05-February-2001 02:00	Monday-12-March-2001 04:00	Wednesday-31-January-2001 04:00	
2002	Friday-08-February-2002 08:00	Saturday-19-January-2002 04:00	Tuesday-19-March-2002 05:00	Sunday-10-February-2002 04:00	
2003	Friday-03-January-2003 06:00	Thursday-17-April-2003 15:00	Thursday-17-April-2003 05:00	Friday-10-January-2003 05:00	
2004	Monday-02-February-2004 08:00	Wednesday-28-January-2004 04:00	Monday-27-December-2004 10:00	Monday-02-February-2004 04:00	
2005	Friday-21-January-2005 08:00	Friday-21-January-2005 04:00	Friday-21-January-2005 03:00	Friday-21-January-2005 05:00	
2006	Wednesday-11-January-2006 08:00	Saturday-25-February-2006 03:00	Saturday-25-February-2006 04:00	Wednesday-11-January-2006 05:00	
2007	Monday-01-January-2007 06:00	Saturday-20-January-2007 04:00	Thursday-04-January-2007 03:00	Monday-01-January-2007 04:00	
2008	Friday-18-January-2008 08:00	Wednesday-16-January-2008 04:00	Thursday-24-January-2008 05:00	Thursday-17-January-2008 04:00	
2009	Sunday-04-January-2009 04:00	Saturday-24-January-2009 04:00	Saturday-24-January-2009 07:00	Saturday-24-January-2009 04:00	
2010	Thursday-04-March-2010 04:15	Tuesday-09-February-2010 04:10	Thursday-14-January-2010 04:00	Saturday-30-January-2010 03:50	
2011	Tuesday-15-February-2011 03:31	Saturday-22-January-2011 03:26	Tuesday-29-March-2011 04:46	Tuesday-15-February-2011 03:31	Saturday-22-January-2011 04:00
2012	Tuesday-24-January-2012 04:46	Saturday-28-January-2012 04:13	Sunday-08-January-2012 06:03	Sunday-08-January-2012 06:03	Tuesday-24-January-2012 05:00
2013	Friday-03-February-2013 03:47	Saturday-28-December-2013 03:30	Friday-11-January-2013 05:17	Friday-25-January-2013 04:26	Friday-25-January-2013 04:26
2014	Wednesday-01-January-2014 04:18	Friday-10-January-2014 04:58	Saturday-05-April-2014 06:56	Wednesday-01-January-2014 04:18	Saturday-11-January-2014 04:09
2015	Friday-23-January-2015 05:01	Thursday-22-January-2015 02:21	Sunday-05-April-2015 06:56	Thursday-22-January-2015 02:21	Tuesday-20-January-2015 02:57
2016	Friday-05-February-2016 06:28	Thursday-10-March-2016 04:18	Saturday-31-December-2016 03:03	Friday-01-January-2016 18:24	Saturday-13-February-2016 03:51

**Peak Monthly Demand (Gross MW) 2012 - 2014**

Year		2012											
Month	January	February	March	April	May	June	July	August	September	October	November	December	
Abu Dhabi	2,782	2,856	3,372	3,873	4,571	4,725	5,086	5,177	5,143	4,574	3,845	3,219	
Al Ain	877	932	1,195	1,481	1,817	1,910	2,053	2,032	1,899	1,564	1,163	909	
Western Region	814	896	1,031	1,024	1,182	1,177	1,276	1,330	1,289	1,213	1,114	976	
System	4,457	4,602	5,447	6,350	7,445	7,720	8,214	8,278	8,193	7,275	5,998	5,070	
Global	5898	6038	7346	8172	9659	9986	10543	10618	10449	9359	8071	6625	
Availability at System Peak	12,137	12,673	12,112	13,588	13,105	13,591	13,390	13,483	12,922	13,346	12,427	12,283	
Year		2013											
Month	January	February	March	April	May	June	July	August	September	October	November	December	
Abu Dhabi	2,944	2,962	3,406	4,066	4,701	4,831	5,334	5,392	5,271	4,659	3,963	3,260	
Al Ain	873	907	1,161	1,571	1,785	1,841	2,038	1,864	1,823	1,536	1,262	941	
Western Region	988	1,089	1,063	1,179	1,232	1,313	1,349	1,467	1,408	1,370	1,108	1,037	
System	4,738	4,856	5,486	6,725	7,689	7,908	8,599	8,484	8,477	7,529	6,214	5,228	
Global	6,354	6,432	7,341	8,916	10,124	10,488	11,243	11,072	10,945	10,021	8,456	7,082	
Availability at System Peak	12,657	12,339	12,609	13,331	13,379	13,455	13,671	13,721	13,416	13,564	12,930	12,468	
Year		2014											
Month	January	February	March	April	May	June	July	August	September	October	November	December	
Abu Dhabi	2,851	3,064	3,577	4,469	5,254	5,322	5,438	5,461	5,618	5,102	4,222	3,386	
Al Ain	857	925	1,099	1,628	1,985	2,064	2,114	2,036	1,972	1,687	1,350	976	
Western Region	1,089	1,064	1,313	1,279	1,437	1,468	1,468	1,491	1,514	1,374	1,317	1,158	
System	4,655	4,947	5,794	7,310	8,594	8,737	8,983	8,925	8,957	8,163	6,688	5,388	
Global	6,241	6,762	7,514	9,809	11,610	11,806	12,093	11,965	12,012	11,103	9,214	7,575	
Availability at System Peak	11,950	11,362	11,774	13,735	14,528	13,136	14,877	14,611	14,813	14,881	13,130	13,188	

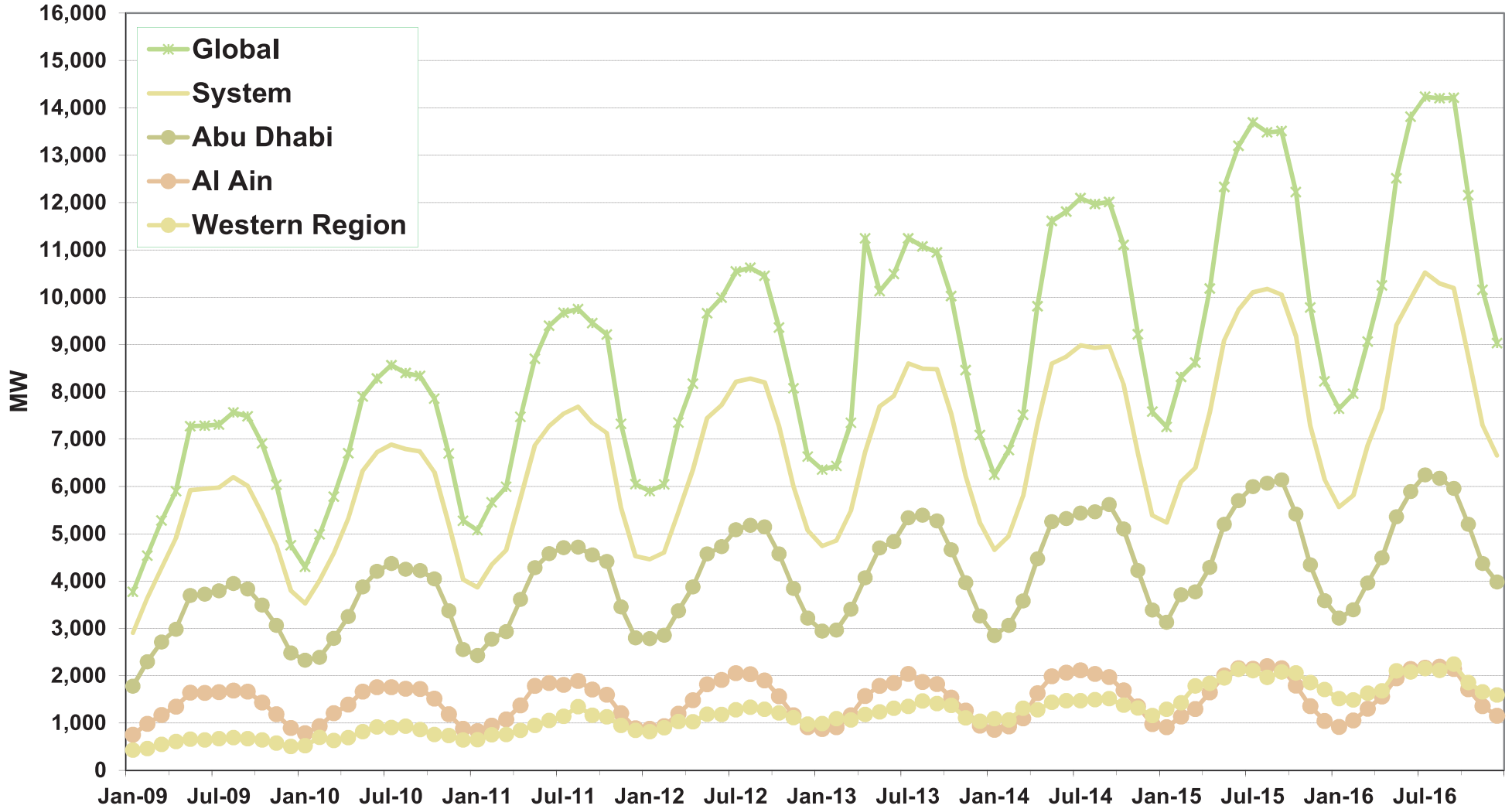
## Peak Monthly Demand (Gross MW) 2015 - 2016

Year	2015											
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	3,131	3,713	3,771	4,290	5,201	5,700	5,993	6,067	6,136	5,414	4,340	3,584
Al Ain	912	1,135	1,295	1,646	2,001	2,157	2,143	2,202	2,156	1,791	1,356	1,040
Western Region	1,286	1,428	1,784	1,838	1,953	2,133	2,109	1,964	2,082	2,057	1,856	1,707
System	5,233	6,095	6,395	7,575	9,086	9,733	10,104	10,172	10,051	9,173	7,284	6,143
Global	7,255	8,313	8,617	10,180	12,327	13,195	13,691	13,480	13,507	12,216	9,782	8,219
Availability at System Peak	13,672	12,399	14,675	15,009	14,990	14,687	14,590	14,495	14,285	15,068	14,165	13,606
Year	2016											
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	3,216	3,395	3,960	4,492	5,357	5,889	6,243	6,171	5,956	5,199	4,370	3,982
Al Ain	917	1,053	1,298	1,558	1,942	2,138	2,167	2,187	2,142	1,714	1,353	1,151
Western Region	1,516	1,488	1,631	1,681	2,104	2,081	2,152	2,110	2,242	1,852	1,656	1,591
System	5,566	5,811	6,865	7,645	9,403	9,968	10,518	10,289	10,191	8,751	7,297	6,650
Global	7,640	7,957	9,060	10,247	12,512	13,812	14,234	14,199	14,213	12,155	10,156	9,028
Availability at System Peak	15,184	11,565	12,899	15,183	15,306	14,733	15,135	14,678	15,206	14,413	14,186	13,134

Note:

Data is instantaneous peaks

**Peak Monthly Demand (Gross MW) 2009 - 2016**



Note: 2009 Data refers to hourly meter readings not maximum instantaneous.  
 2010-2016 Data refersto instantaneous data.

الأحمال الشهرية الدنيا (ميجاوات) ٢٠١٢ - ٢٠١٦

Minimum Monthly Demand (Gross MW) 2012 - 2016

Year	2012											
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	1,410	1,773	1,672	2,152	2,676	2,944	3,425	3,557	3,127	2,739	2,400	2,044
Al Ain	361	396	386	671	1,018	1,132	1,246	1,125	993	694	517	424
Western Region	233	599	586	531	717	705	644	709	856	663	550	695
System	2,286	2,880	2,934	3,493	4,511	4,898	5,526	5,748	5,301	4,269	3,686	3,172
Global	3,680	3,845	3,934	5,085	6,175	6,967	7,599	7,889	7,329	5,778	4,892	4,243
Year	2013											
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	1,838	1,790	2,013	2,402	2,627	3,083	3,486	3,754	2,849	2,711	2,110	1,877
Al Ain	388	412	509	619	817	1,054	1,246	1,222	971	786	476	385
Western Region	626	724	643	775	797	693	840	984	854	822	673	774
System	2,986	3,059	3,331	3,801	4,341	5,087	5,766	6,041	5,408	4,440	3,562	3,106
Global	3,928	3,931	4,558	5,172	5,985	6,954	8,002	8,032	7,180	5,949	4,793	4,250
Year	2014											
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	1,797	1,965	2,056	2,214	2,809	3,238	3,639	3,648	3,629	2,953	2,462	2,122
Al Ain	404	421	441	628	962	1,103	1,285	1,220	1,099	829	550	482
Western Region	714	657	694	402	888	838	875	1,072	1,029	976	852	834
System	3,118	3,122	3,384	3,738	4,849	5,462	6,052	6,085	5,986	4,901	3,990	3,542
Global	3,359	3,440	3,584	3,951	5,089	5,708	6,289	6,321	6,221	5,099	4,193	3,729
Year	2015											
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	2,064	2,167	2,288	2,731	2,854	3,690	3,928	3,987	3,425	3,108	2,708	2,153
Al Ain	400	493	499	671	934	1,293	1,232	1,291	1,066	923	649	489
Western Region	846	460	425	453	603	1,294	1,577	1,428	1,358	1,314	1,297	1,167
System	3,381	3,627	3,631	4,164	4,874	6,419	6,903	6,998	5,962	5,449	4,748	3,979
Global	4,591	5,001	5,063	5,803	6,961	9,131	9,626	10,021	8,406	7,458	6,623	5,416
Year	2016											
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	1,961	2,739	2,977	2,998	4,156	4,515	4,940	5,469	4,797	4,303	3,488	3,023
Al Ain	694	808	629	886	1,463	1,634	1,860	1,891	1,569	1,276	984	833
Western Region	1,323	1,095	1,207	1,138	1,589	1,804	1,842	1,949	1,817	1,307	1,229	1,136
System	4,256	4,735	5,028	5,194	7,225	8,128	8,805	9,499	8,184	7,312	6,011	5,256
Global	6,107	6,341	6,692	7,331	9,749	11,323	12,256	13,077	11,213	9,922	7,855	7,060

Note:

Data is instantaneous peaks

**Ratio of Monthly Peak to Annual Peak of Abu Dhabi Region**

Abu Dhabi Peak Demand (MW)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	1,592	1,779	2,197	2,542	2,976	3,222	3,203	3,207	3,241	2,744	2,350	1,970
2008	1,732	1,775	2,220	2,488	3,252	3,229	3,400	3,511	3,341	3,016	2,711	2,154
2009	1,780	2,292	2,711	2,981	3,693	3,723	3,793	3,945	3,831	3,489	3,065	2,481
2010	2,326	2,386	2,789	3,250	3,877	4,207	4,371	4,247	4,220	4,044	3,369	2,554
2011	2,428	2,770	2,931	3,611	4,280	4,577	4,705	4,715	4,550	4,415	3,452	2,799
2012	2,782	2,856	3,372	3,873	4,571	4,725	5,086	5,177	5,143	4,574	3,845	3,219
2013	2,944	2,962	3,406	4,066	4,701	4,831	5,334	5,392	5,271	4,659	3,963	3,260
2014	2,851	3,064	3,577	4,469	5,254	5,322	5,438	5,461	5,618	5,102	4,222	3,386
2015	3,131	3,713	3,771	4,290	5,201	5,700	5,993	6,067	6,136	5,414	4,340	3,584
2016	3,216	3,395	3,960	4,492	5,357	5,889	6,243	6,171	5,956	5,199	4,370	3,982

Ratio of Abu Dhabi Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	49.12	54.89	67.79	78.43	91.82	99.41	98.83	98.95	100.00	84.67	72.51	60.78
2008	49.33	50.56	63.23	70.86	92.62	91.97	96.84	100.00	95.16	85.90	77.21	61.35
2009	45.12	58.10	68.72	75.56	93.61	94.37	96.15	100.00	97.11	88.44	77.69	62.89
2010	53.21	54.59	63.81	74.35	88.70	96.25	100.00	97.16	96.55	92.52	77.08	58.43
2011	51.50	58.75	62.16	76.59	90.77	97.07	99.79	100.00	96.50	93.64	73.21	59.36
2012	53.74	55.17	65.13	74.81	88.29	91.27	98.24	100.00	99.34	88.35	74.27	62.18
2013	54.60	54.93	63.17	75.41	87.18	89.60	98.92	100.00	97.76	86.41	73.50	60.46
2014	50.75	54.54	63.67	79.55	93.52	94.73	96.80	97.21	100.00	90.82	75.15	60.27
2015	51.03	60.51	61.46	69.92	84.76	92.89	97.67	98.88	100.00	88.23	70.73	58.41
2016	51.51	54.38	63.43	71.95	85.81	94.33	100.00	98.85	95.40	83.28	70.00	63.78

## الذروة الشهرية مقارنة بالذروة السنوية لمنطقة العين

### Ratio of Monthly Peak to Annual Peak of Al Ain Region

Al Ain Peak Demand (MW)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	685	775	962	1,279	1,400	1,516	1,478	1,492	1,497	1,235	1,018	772
2008	710	788	1,048	1,249	1,459	1,528	1,538	1,536	1,501	1,301	1,086	820
2009	752	981	1,168	1,344	1,639	1,634	1,650	1,683	1,663	1,431	1,182	895
2010	782	930	1,208	1,385	1,662	1,754	1,757	1,724	1,717	1,514	1,183	876
2011	830	945	1,073	1,373	1,784	1,846	1,806	1,887	1,707	1,598	1,204	887
2012	877	932	1,195	1,481	1,817	1,910	2,053	2,032	1,899	1,564	1,163	909
2013	873	907	1,161	1,571	1,785	1,841	2,038	1,864	1,823	1,536	1,262	941
2014	857	925	1,099	1,628	1,985	2,064	2,114	2,036	1,972	1,687	1,350	976
2015	912	1,135	1,295	1,646	2,001	2,157	2,143	2,202	2,156	1,791	1,356	1,040
2016	917	1,053	1,298	1,558	1,942	2,138	2,167	2,187	2,142	1,714	1,353	1,151

Ratio of Al Ain Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	45.18	51.12	63.46	84.37	92.35	100.00	97.49	98.42	98.75	81.46	67.15	50.92
2008	46.16	51.24	68.14	81.21	94.86	99.35	100.00	99.87	97.59	84.59	70.61	53.32
2009	44.68	58.29	69.40	79.86	97.39	97.09	98.04	100.00	98.81	85.03	70.23	53.18
2010	44.51	52.93	68.75	78.83	94.59	99.83	100.00	98.12	97.72	86.17	67.33	49.86
2011	43.99	50.08	56.86	72.76	94.54	97.83	95.71	100.00	90.46	84.68	63.80	47.01
2012	42.72	45.40	58.21	72.14	88.50	93.03	100.00	98.98	92.50	76.18	56.65	44.28
2013	42.84	44.50	56.97	77.09	87.59	90.33	100.00	91.46	89.45	75.37	61.92	46.17
2014	40.54	43.76	51.99	77.01	93.90	97.63	100.00	96.31	93.28	79.80	63.86	46.17
2015	41.42	51.54	58.81	74.75	90.87	97.96	97.32	100.00	97.91	81.34	61.58	47.23
2016	41.93	48.15	59.35	71.24	88.80	97.76	99.09	100.00	97.94	78.37	61.87	52.63

الذروة الشهرية مقارنة بالذروة السنوية للمنطقة الغربية

Ratio of Monthly Peak to Annual Peak of Western Region

Western Region Peak Demand (MW)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	301	314	366	405	458	517	523	570	572	506	458	462
2008	406	391	496	502	605	606	634	619	665	578	547	458
2009	427	461	548	605	658	643	668	689	667	641	574	502
2010	520	698	630	692	816	916	906	931	862	754	736	639
2011	644	748	756	846	946	1,052	1,138	1,345	1,165	1,129	946	843
2012	814	896	1,031	1,024	1,182	1,177	1,276	1,330	1,289	1,213	1,114	976
2013	988	1,089	1,063	1,179	1,232	1,313	1,349	1,467	1,408	1,370	1,108	1,037
2014	1,089	1,064	1,313	1,279	1,437	1,468	1,468	1,491	1,514	1,374	1,317	1,158
2015	1,286	1,428	1,784	1,838	1,953	2,133	2,109	1,964	2,082	2,057	1,856	1,707
2016	1,516	1,488	1,631	1,681	2,104	2,081	2,152	2,110	2,242	1,852	1,656	1,591

Ratio of Western Region Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	52.62	54.90	63.99	70.80	80.07	90.38	91.43	99.65	100.00	88.46	80.07	80.77
2008	61.05	58.80	74.59	75.49	90.98	91.13	95.34	93.08	100.00	86.92	82.26	68.87
2009	61.97	66.91	79.54	87.81	95.50	93.32	96.95	100.00	96.81	93.03	83.31	72.86
2010	55.85	74.97	67.67	74.33	87.65	98.39	97.31	100.00	92.59	80.99	79.05	68.64
2011	47.88	55.61	56.21	62.90	70.33	78.22	84.61	100.00	86.62	83.94	70.33	62.68
2012	61.20	67.37	77.52	76.99	88.87	88.50	95.94	100.00	96.92	91.20	83.76	73.38
2013	67.35	74.23	72.46	80.37	83.98	89.50	91.96	100.00	95.98	93.39	75.53	70.69
2014	71.93	70.28	86.72	84.48	94.91	96.96	96.96	98.48	100.00	90.75	86.99	76.49
2015	60.29	66.95	83.64	86.17	91.56	100.00	98.87	92.08	97.61	96.44	87.01	80.03
2016	67.62	66.37	72.75	74.98	93.84	92.82	95.99	94.11	100.00	82.60	73.86	70.96

## الذروة الشهرية مقارنة بالذروة السنوية للشبكة

### Ratio of Monthly Peak to Annual Peak of System

System Peak Demand (MW)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	2,465	2,643	3,501	4,226	4,794	5,075	5,068	5,170	5,261	4,386	3,724	3,174
2008	2,796	2,848	3,730	4,213	5,118	5,266	5,446	5,586	5,421	4,806	4,207	3,397
2009	2,907	3,633	4,280	4,904	5,923	5,946	5,976	6,197	6,011	5,427	4,754	3,792
2010	3,526	4,014	4,593	5,325	6,329	6,725	6,885	6,789	6,737	6,299	5,209	4,031
2011	3,865	4,351	4,649	5,762	6,868	7,279	7,537	7,683	7,343	7,128	5,552	4,525
2012	4,457	4,602	5,447	6,350	7,445	7,720	8,214	8,278	8,193	7,275	5,998	5,070
2013	4,738	4,856	5,486	6,725	7,689	7,908	8,599	8,484	8,477	7,529	6,214	5,228
2014	4,655	4,947	5,794	7,310	8,594	8,737	8,983	8,925	8,957	8,163	6,688	5,388
2015	5,233	6,095	6,395	7,575	9,086	9,733	10,104	10,172	10,051	9,173	7,284	6,143
2016	5,566	5,811	6,865	7,645	9,403	9,968	10,518	10,289	10,191	8,751	7,297	6,650

Ratio of System Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	46.85	50.24	66.55	80.33	91.12	96.46	96.33	98.27	100.00	83.37	70.79	60.33
2008	50.05	50.98	66.77	75.42	91.62	94.27	97.49	100.00	97.05	86.04	75.31	60.81
2009	46.91	58.63	69.07	79.14	95.58	95.95	96.43	100.00	97.00	87.57	76.71	61.19
2010	51.21	58.30	66.71	77.34	91.92	97.68	100.00	98.61	97.85	91.49	75.66	58.55
2011	50.31	56.63	60.51	75.00	89.39	94.74	98.10	100.00	95.57	92.78	72.26	58.90
2012	53.84	55.59	65.80	76.71	89.94	93.26	99.23	100.00	98.97	87.88	72.46	61.25
2013	55.10	56.47	63.80	78.21	89.42	91.96	100.00	98.66	98.58	87.56	72.26	60.80
2014	51.82	55.07	64.50	81.38	95.67	97.26	100.00	99.35	99.71	90.87	74.45	59.98
2015	51.45	59.92	62.87	74.47	89.32	95.68	99.33	100.00	98.81	90.18	71.61	60.39
2016	52.92	55.25	65.27	72.68	89.40	94.77	100.00	97.82	96.89	83.20	69.38	63.22

الطاقة المستهلكة سنويا (جيجاوات ساعة)

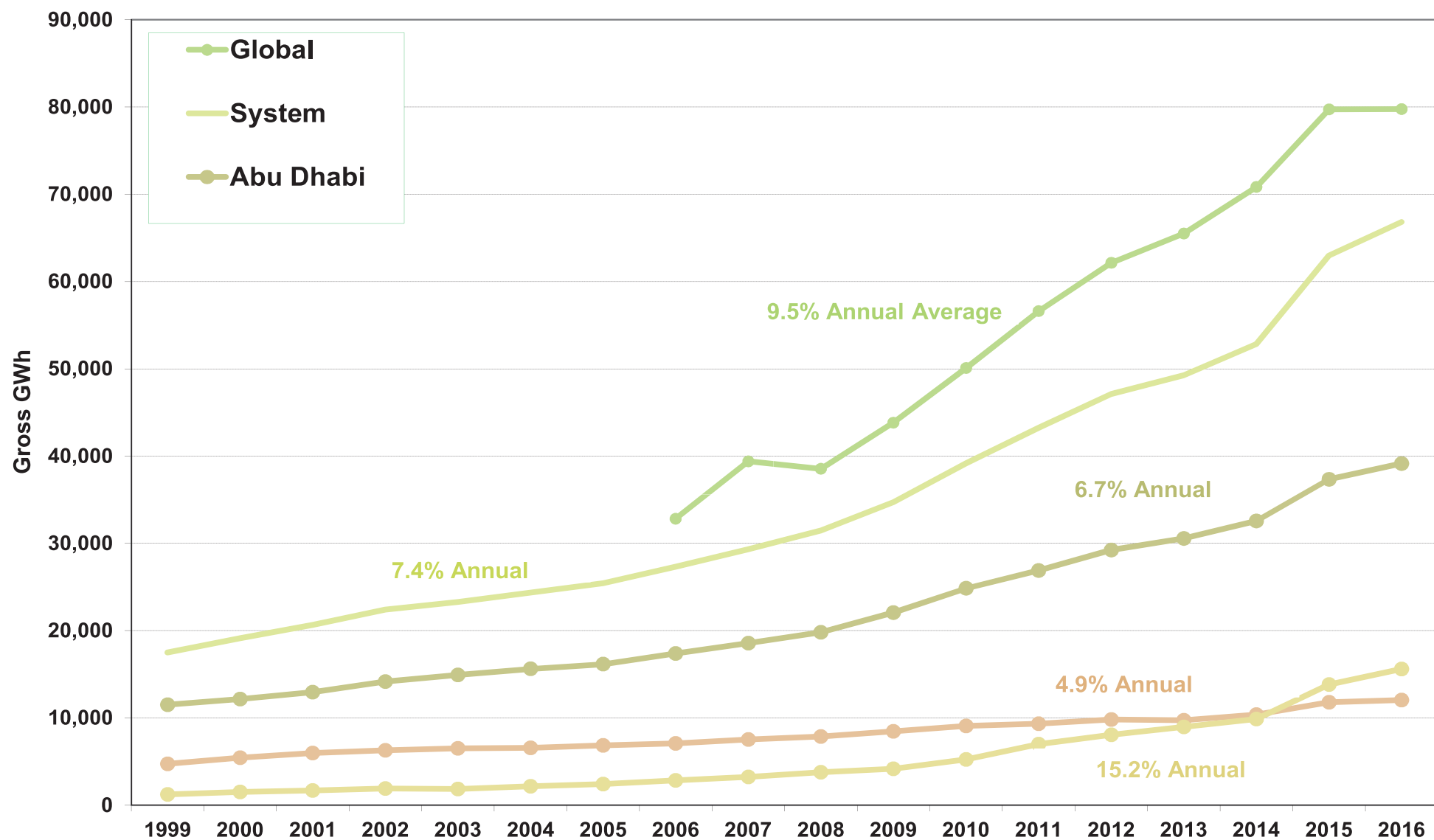
Annual Energy Demand (Gross GWh)

Year	Abu Dhabi	Al Ain	Western Region	System	Global *	Global including GCC
1999	11,515.16	4,741.22	1,251.49	17,507.87		
2000	12,158.36	5,442.14	1,527.89	19,128.39		
2001	12,963.26	5,983.83	1,701.57	20,648.66		
2002	14,178.27	6,295.72	1,924.86	22,398.85		
2003	14,924.76	6,506.63	1,858.60	23,289.99		
2004	15,620.76	6,569.45	2,175.59	24,365.80		
2005	16,158.41	6,849.13	2,416.32	25,423.86		
2006	17,376.07	7,091.41	2,855.53	27,323.01	32,822.69	32,822.69
2007	18,577.27	7,528.70	3,236.25	29,342.22	39,407.11	39,407.11
2008	19,803.50	7,881.93	3,792.08	31,477.51	38,543.33	38,543.33
2009	22,062.25	8,474.36	4,179.56	34,716.17	43,827.69	43,827.69
2010	24,850.01	9,081.39	5,241.74	39,173.14	50,088.27	50,088.27
2011	26,891.56	9,341.75	7,011.40	43,244.71	56,602.65	56,622.73
2012	29,235.46	9,816.64	8,062.70	47,114.79	62,131.54	62,165.63
2013	30,560.31	9,732.09	8,973.94	49,266.57	65,504.71	65,520.13
2014	32,575.46	10,390.74	9,874.84	52,841.04	70,830.90	70,858.42
2015	34,850.30	11,025.32	12,860.21	58,735.83	79,730.37	79,758.25
2016	34,760.57	10,733.79	13,791.78	59,286.14	81,077.48	81,280.12

\* Global includes exports to Northern Emirates

الطاقة المستهلكة سنويا (جيجاوات ساعة)

Annual Energy Demand (Gross GWh)



الطاقة المستهلكة شهرياً (جيجاوات ساعة) ٢٠١٢ - ٢٠١٤

Monthly Energy Demand (Gross GWh) 2012 - 2014

Year		2012											
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	1,649.28	1,584.77	1,832.42	2,085.47	2,761.98	2,809.32	3,237.07	3,263.54	3,083.50	2,739.92	2,238.18	1,950.00	29,235.46
Al Ain	471.32	452.59	566.15	707.08	1,020.75	1,083.56	1,258.58	1,220.85	1,091.42	836.66	613.95	493.72	9,816.64
Western Region	536.75	525.29	552.16	583.13	731.02	720.60	784.97	827.59	771.48	720.97	673.57	635.18	8,062.70
System	2,657.35	2,562.64	2,950.73	3,375.68	4,513.75	4,613.49	5,280.63	5,311.99	4,946.39	4,297.55	3,525.70	3,078.90	47,114.79
Global	3,434.52	3,341.92	3,925.17	4,572.92	6,008.56	6,130.32	6,910.75	6,949.41	6,434.26	5,681.77	4,728.68	4,013.27	62,131.54
Global including GCC	3,432.66	3,340.78	3,940.77	4,579.36	6,010.68	6,131.90	6,912.81	6,950.83	6,436.96	5,682.81	4,730.96	4,015.11	62,165.63
Year		2013											
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	1,748.11	1,646.37	1,995.71	2,238.01	2,696.94	2,912.71	3,482.31	3,451.86	3,256.10	2,866.99	2,292.48	1,972.95	30,560.54
Al Ain	475.45	451.58	606.68	707.95	901.22	1,051.25	1,260.39	1,168.91	1,063.67	864.67	647.47	532.85	9,732.09
Western Region	643.95	592.66	644.34	690.21	759.20	788.34	868.85	903.06	860.38	815.97	707.15	699.84	8,973.94
System	2,867.51	2,690.61	3,246.73	3,636.16	4,357.36	4,752.30	5,611.56	5,523.83	5,180.15	4,547.63	3,647.09	3,205.64	49,266.57
Global	3,752.39	3,537.86	4,408.08	4,924.28	5,878.34	6,364.91	7,371.00	7,230.52	6,788.14	6,108.35	4,873.41	4,267.43	65,504.71
Global including GCC	3,756.45	3,538.07	4,411.70	4,924.67	5,880.45	6,366.84	7,372.87	7,231.79	6,790.75	6,101.48	4,876.64	4,268.41	65,520.13
Year		2014											
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	1,740.52	1,694.33	2,083.95	2,508.18	2,968.90	3,235.88	3,553.35	3,584.30	3,438.58	3,171.50	2,434.88	2,161.10	32,575.46
Al Ain	483.45	454.39	593.49	806.81	1,021.52	1,156.95	1,292.57	1,243.98	1,130.92	972.03	659.14	575.49	10,390.74
Western Region	676.01	624.40	741.59	744.80	848.61	882.94	972.38	981.78	957.55	899.31	784.23	761.21	9,874.84
System	2,899.98	2,773.12	3,419.03	4,059.79	4,839.03	5,275.77	5,818.31	5,810.07	5,527.05	5,042.84	3,878.25	3,497.80	52,841.04
Global	3,844.62	3,730.62	4,487.75	5,452.33	6,589.07	7,110.13	7,825.18	7,743.16	7,339.55	6,756.27	5,252.95	4,699.27	70,830.90
Global including GCC	3,847.51	3,732.43	4,486.04	5,453.09	6,590.53	7,113.92	7,828.94	7,747.21	7,342.35	6,759.15	5,254.99	4,702.25	70,858.42

الطاقة المستهلكة شهرياً (جيجاوات ساعة) ٢٠١٥ - ٢٠١٦

Monthly Energy Demand (Gross GWh) 2015 - 2016

Year		2015											
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	2,008.88	2,067.95	2,433.33	2,548.44	3,147.85	3,534.83	3,764.87	3,801.42	3,477.90	3,258.73	2,526.62	2,279.49	34,850.30
Al Ain	527.71	540.85	680.97	874.92	1,128.97	1,241.46	1,315.45	1,277.36	1,125.38	994.96	709.23	608.06	11,025.32
Western Region	765.18	625.88	704.85	994.84	1,162.41	1,234.93	1,380.47	1,285.05	1,254.91	1,240.06	1,089.41	1,122.21	12,860.21
System	3,301.77	3,234.67	3,819.15	4,418.20	5,439.23	6,011.22	6,460.78	6,363.84	5,858.19	5,493.76	4,325.26	4,009.75	58,735.83
Global	4,450.60	4,415.10	5,152.66	5,981.29	7,307.21	8,211.03	8,871.97	8,750.07	8,063.88	7,393.87	5,843.07	5,289.60	79,730.37
Global including GCC	4,453.83	4,416.33	5,154.04	5,986.11	7,312.85	8,211.03	8,878.74	8,754.88	8,063.88	7,393.87	5,843.07	5,289.60	79,758.25
Year		2016											
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	1,990.52	1,873.79	2,256.38	2,464.24	3,263.64	3,307.59	3,802.08	3,830.99	3,434.49	3,219.74	2,853.10	2,464.01	34,760.57
Al Ain	514.70	517.61	614.26	760.02	1,118.30	1,164.90	1,294.26	1,287.65	1,147.49	944.91	757.57	612.14	10,733.79
Western Region	1,003.10	860.08	969.46	1,014.93	1,335.48	1,285.95	1,337.51	1,375.59	1,305.13	1,162.10	1,086.60	1,055.85	13,791.78
System	3,508.31	3,251.49	3,840.11	4,239.19	5,717.42	5,758.44	6,433.84	6,494.23	5,887.11	5,326.75	4,697.27	4,131.99	59,286.14
Global	4,765.37	4,386.41	5,200.68	5,741.91	7,715.18	8,108.69	8,934.05	9,005.15	8,150.31	7,359.05	6,259.87	5,450.80	81,077.48
Global including GCC	4,775.64	4,387.68	5,201.68	5,744.81	7,867.36	8,143.70	8,934.05	9,005.15	8,150.31	7,359.05	6,259.87	5,450.82	81,280.12

الاستهلاك الشهري مقارنة بالاستهلاك السنوي لمنطقة أبوظبي

**Ratio of Monthly Energy Demand to Annual Peak  
Energy Demand of Abu Dhabi Region**

Abu Dhabi Energy Demand (GWh)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	966	945	1,152	1,395	1,791	1,984	2,024	2,101	1,956	1,678	1,397	1,190
2008	1,030	993	1,251	1,472	1,919	1,955	2,201	2,306	2,101	1,913	1,500	1,161
2009	1,101	1,124	1,428	1,569	2,057	2,243	2,414	2,520	2,346	2,085	1,722	1,454
2010	1,351	1,260	1,603	1,875	2,258	2,563	2,742	2,759	2,528	2,410	1,852	1,649
2011	1,475	1,355	1,687	1,973	2,551	2,734	2,954	3,076	2,838	2,613	1,945	1,690
2012	1,649	1,585	1,832	2,085	2,762	2,809	3,237	3,264	3,083	2,740	2,238	1,950
2013	1,748	1,646	1,996	2,238	2,697	2,913	3,482	3,452	3,256	2,867	2,292	1,973
2014	1,741	1,694	2,084	2,508	2,969	3,236	3,553	3,584	3,439	3,171	2,435	2,161
2015	2,009	2,068	2,433	2,548	3,148	3,535	3,765	3,801	3,478	3,259	2,527	2,279
2016	1,991	1,874	2,256	2,464	3,264	3,308	3,802	3,831	3,434	3,220	2,853	2,464

Ratio of Abu Dhabi Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	45.98	44.99	54.83	66.39	85.27	94.43	96.35	100.00	93.11	79.87	66.51	56.65
2008	44.67	43.04	54.27	63.85	83.21	84.78	95.45	100.00	91.13	82.95	65.06	50.35
2009	43.67	44.59	56.66	62.24	81.60	89.00	95.78	100.00	93.10	82.71	68.33	57.69
2010	48.96	45.65	58.09	67.96	81.85	92.89	99.40	100.00	91.61	87.36	67.14	59.78
2011	47.96	44.04	54.87	64.16	82.96	88.90	96.06	100.00	92.28	84.97	63.23	54.93
2012	50.54	48.56	56.15	63.90	84.63	86.08	99.19	100.00	94.48	83.96	68.58	59.75
2013	50.20	47.28	57.31	64.27	77.45	83.64	100.00	99.13	93.50	82.33	65.83	56.66
2014	48.56	47.27	58.14	69.98	82.83	90.28	99.14	100.00	95.93	88.48	67.93	60.29
2015	52.85	54.40	64.01	67.04	82.81	92.99	99.04	100.00	91.49	85.72	66.47	59.96
2016	51.96	48.91	58.90	64.32	85.19	86.34	99.25	100.00	89.65	84.04	74.47	64.32

## الاستهلاك الشهري مقارنة بالاستهلاك السنوي لمنطقة العين

### Ratio of Monthly Energy Demand to Annual Peak Energy Demand of Al Ain Region

Al Ain Energy Demand (GWh)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	357	348	432	603	790	851	867	902	815	650	501	413
2008	371	374	492	612	806	830	927	943	847	728	532	419
2009	398	411	541	608	881	923	985	1,013	932	757	576	452
2010	441	423	573	715	902	1,016	1,061	1,074	957	849	587	484
2011	459	429	568	708	964	1,053	1,096	1,166	997	841	586	476
2012	471	453	566	707	1,021	1,084	1,259	1,221	1,091	837	614	494
2013	475	452	607	708	901	1,051	1,260	1,169	1,064	865	647	533
2014	483	454	593	807	1,022	1,157	1,293	1,244	1,131	972	659	575
2015	528	541	681	875	1,129	1,241	1,315	1,277	1,125	995	709	608
2016	515	518	614	760	1,118	1,165	1,294	1,288	1,147	945	758	612

Ratio of Al Ain Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	39.55	38.54	47.86	66.78	87.54	94.35	96.07	100.00	90.34	72.04	55.58	45.78
2008	39.30	39.68	52.14	64.87	85.48	87.97	98.28	100.00	89.79	77.19	56.34	44.38
2009	39.26	40.55	53.41	60.05	86.97	91.15	97.26	100.00	92.05	74.74	56.84	44.66
2010	41.04	39.38	53.40	66.62	84.03	94.57	98.83	100.00	89.08	79.06	54.62	45.04
2011	39.34	36.80	48.73	60.77	82.72	90.29	93.98	100.00	85.54	72.11	50.27	40.82
2012	37.45	35.96	44.98	56.18	81.10	86.09	100.00	97.00	86.72	66.48	48.78	39.23
2013	37.72	35.83	48.13	56.17	71.50	83.41	100.00	92.74	84.39	68.60	51.37	42.28
2014	37.40	35.15	45.92	62.42	79.03	89.51	100.00	96.24	87.49	75.20	50.99	44.52
2015	40.12	41.12	51.77	66.51	85.82	94.38	100.00	97.10	85.55	75.64	53.92	46.22
2016	39.77	39.99	47.46	58.72	86.40	90.01	100.00	99.49	88.66	73.01	58.53	47.30

الاستهلاك الشهري مقارنة بالاستهلاك السنوي للمنطقة الغربية

**Ratio of Monthly Energy Demand to Annual Peak  
Energy Demand of Western Region**

Western Region Energy Demand (GWh)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	179	175	203	229	281	306	318	367	343	302	265	268
2008	228	215	269	296	351	354	394	398	372	353	296	267
2009	252	245	308	313	385	389	421	422	402	399	332	311
2010	324	331	381	416	476	486	535	572	528	492	369	332
2011	411	381	442	501	592	644	730	783	717	701	571	538
2012	537	525	552	583	731	721	785	828	771	721	674	635
2013	644	593	644	690	759	788	869	903	860	816	707	700
2014	676	624	742	745	849	883	972	982	958	899	784	761
2015	765	626	705	995	1,162	1,235	1,380	1,285	1,255	1,240	1,089	1,122
2016	1,003	860	969	1,015	1,335	1,286	1,338	1,376	1,305	1,162	1,087	1,056

Ratio of Western Region Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	48.81	47.55	55.13	62.24	76.55	83.20	86.47	100.00	93.43	82.25	72.22	72.97
2008	57.23	54.08	67.49	74.37	88.23	89.08	98.99	100.00	93.56	88.71	74.35	67.07
2009	59.69	57.90	72.89	74.09	91.27	92.20	99.70	100.00	95.15	94.51	78.51	73.65
2010	56.61	57.87	66.57	72.61	83.16	84.97	93.55	100.00	92.19	85.93	64.41	58.03
2011	52.48	48.61	56.40	64.00	75.63	82.22	93.20	100.00	91.50	89.49	72.91	68.69
2012	64.86	63.47	66.72	70.46	88.33	87.07	94.85	100.00	93.22	87.12	81.39	76.75
2013	71.31	65.63	71.35	76.43	84.07	87.30	96.21	100.00	95.27	90.36	78.31	77.50
2014	68.86	63.60	75.54	75.86	86.44	89.93	99.04	100.00	97.53	91.60	79.88	77.53
2015	55.43	45.34	51.06	72.07	84.20	89.46	100.00	93.09	90.90	89.83	78.92	81.29
2016	72.92	62.52	70.48	73.78	97.08	93.48	97.23	100.00	94.88	84.48	78.99	76.76

الاستهلاك الشهري مقارنة بالاستهلاك السنوي للشبكة

**Ratio of Monthly Energy Demand to Annual Peak  
 Energy Demand of System**

System Energy Demand (GWh)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	1,502	1,468	1,786	2,226	2,862	3,141	3,208	3,370	3,114	2,630	2,164	1,871
2008	1,629	1,582	2,012	2,380	3,076	3,140	3,522	3,647	3,321	2,994	2,328	1,847
2009	1,750	1,779	2,277	2,490	3,323	3,555	3,820	3,955	3,680	3,241	2,629	2,217
2010	2,116	2,014	2,557	3,006	3,637	4,065	4,339	4,405	4,012	3,751	2,807	2,465
2011	2,345	2,164	2,697	3,183	4,108	4,431	4,780	5,025	4,552	4,155	3,102	2,703
2012	2,657	2,563	2,951	3,376	4,514	4,613	5,281	5,312	4,946	4,298	3,526	3,079
2013	2,868	2,691	3,247	3,636	4,357	4,752	5,612	5,524	5,180	4,548	3,647	3,206
2014	2,900	2,773	3,419	4,060	4,839	5,276	5,818	5,810	5,527	5,043	3,878	3,498
2015	3,302	3,235	3,819	4,418	5,439	6,011	6,461	6,364	5,858	5,494	4,325	4,010
2016	3,508	3,251	3,840	4,239	5,717	5,758	6,434	6,494	5,887	5,327	4,697	4,132

Ratio of System Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2007	44.57	43.54	52.99	66.04	84.93	93.18	95.19	100.00	92.40	78.03	64.21	55.52
2008	44.65	43.37	55.16	65.26	84.34	86.08	96.57	100.00	91.05	82.09	63.82	50.63
2009	44.25	44.98	57.56	62.94	84.01	89.89	96.58	100.00	93.05	81.93	66.48	56.06
2010	48.02	45.71	58.05	68.24	82.55	92.27	98.50	100.00	91.07	85.15	63.73	55.96
2011	46.66	43.07	53.68	63.35	81.76	88.18	95.13	100.00	90.60	82.69	61.73	53.80
2012	50.03	50.03	50.03	50.03	50.03	50.03	50.03	50.03	50.03	50.03	50.03	50.03
2013	51.10	47.95	57.86	64.80	77.65	84.69	100.00	98.44	92.31	81.04	64.99	57.13
2014	49.84	47.66	58.76	69.78	83.17	90.68	100.00	99.86	94.99	86.67	66.66	60.12
2015	51.10	50.07	59.11	68.38	84.19	93.04	100.00	98.50	90.67	85.03	66.95	62.06
2016	54.02	50.07	59.13	65.28	88.04	88.67	99.07	100.00	90.65	82.02	72.33	63.63

الإنتاج السنوي للكهرباء (ميجاوات ساعة) ٢٠١٦ - ١٩٩٩

Annual Electricity Generation (Gross MWh) 1999 - 2016

Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Station</b>																		
Abu Dhabi Gas Turbines	1,150,540	1,143,985	907,943	593,729	336,809	225,486	27,722	95,489	5,169									
Abu Dhabi Steam Turbines	796,059	861,781	855,490	830,051	802,390	597,182	475,790	456,404	70,561									
Taweelah A	1,720,560	1,330,245																
Al Ain	949,388	935,240	1,210,501	986,188	562,962	378,233	148,561	45,965	39,378	1,435								
<b>BPC Total</b>	<b>4,616,547</b>	<b>4,271,251</b>	<b>2,973,934</b>	<b>2,409,968</b>	<b>1,702,161</b>	<b>1,200,901</b>	<b>652,073</b>	<b>597,858</b>	<b>115,108</b>	<b>1,435</b>								
Umm Al Nar East	1,615,257	1,830,260	1,961,441	1,800,034	806,408													
Umm Al Nar West	4,561,252	4,799,165	4,965,598	4,257,926	1,775,487													
<b>UAN PC Total</b>	<b>6,176,510</b>	<b>6,629,426</b>	<b>6,927,040</b>	<b>6,057,961</b>	<b>2,581,896</b>													
Taweelah B	5,030,845	5,014,695	4,642,229	4,095,885	3,839,098	2,869,400	825,659											
Taweelah B2 Extension	455,180	611,262	692,347	841,441	332,073	1,179,231	452,954											
<b>ATPC Total</b>	<b>5,486,026</b>	<b>5,625,957</b>	<b>5,334,576</b>	<b>4,937,326</b>	<b>4,171,172</b>	<b>4,048,631</b>	<b>1,278,613</b>											
Taweelah B							2,044,073	3,533,273	2,554,353	929,868	312,053	348,978	1,331,422	1,477,762	823,333	1,820,756	1,601,209	1,664,123
Taweelah B2 Extension							1,289,277	1,481,015	1,693,072	1,399,232	1,864,384	1,510,253	2,033,605	2,102,551	1,776,267	2,151,279	2,307,853	2,255,366
Taweelah New Extension									141,906	3,793,480	5,858,176	6,554,696	6,235,421	6,490,128	6,898,692	6,830,692	7,732,241	7,853,319
<b>TAPCO Total</b>							<b>3,333,350</b>	<b>5,014,288</b>	<b>4,379,331</b>	<b>6,122,580</b>	<b>8,034,614</b>	<b>8,413,928</b>	<b>9,600,449</b>	<b>10,070,443</b>	<b>9,498,293</b>	<b>10,802,728</b>	<b>11,641,304</b>	<b>11,772,808</b>
Al Ain										878	8,303	438	143	203,079	177,651	198,075	130,193	
Al Mirfa	958,039	1,046,226	1,157,931	1,041,467	898,966	485,791	449,526	330,515	459,318	481,788	752,376	782,012	714,409	666,216	276,680	28,564	77,963	
Madinat Zayed	270,738	129,340	70,882	263,653	349,931	265,303	100,281	96,654	39,272	9,106	5,323	22,319	124,169	19,578	89,560	24,930	29,116	38,694
<b>AMPC Total</b>	<b>1,228,777</b>	<b>1,175,567</b>	<b>1,228,813</b>	<b>1,305,120</b>	<b>1,248,897</b>	<b>751,094</b>	<b>549,807</b>	<b>427,169</b>	<b>498,590</b>	<b>490,894</b>	<b>758,577</b>	<b>812,635</b>	<b>839,017</b>	<b>685,938</b>	<b>569,319</b>	<b>231,145</b>	<b>305,154</b>	<b>168,887</b>
New Mirfa																		75,038
<b>MIPCO Total</b>																		<b>75,038</b>
Shams1															53,518	242,984	242,969	260,989
<b>SHAMS 1 Total</b>															<b>53,518</b>	<b>242,984</b>	<b>242,969</b>	<b>260,989</b>
Taweelah A2		876,373	2,934,998	4,213,401	3,907,397	4,100,116	4,859,552	4,896,005	4,512,670	4,079,501	3,899,183	4,294,577	3,672,307	4,458,278	4,546,439	5,162,322	5,205,502	4,998,039
<b>ECPC Total</b>		<b>876,373</b>	<b>2,934,998</b>	<b>4,213,401</b>	<b>3,907,397</b>	<b>4,100,116</b>	<b>4,859,552</b>	<b>4,896,005</b>	<b>4,512,670</b>	<b>4,079,501</b>	<b>3,899,183</b>	<b>4,294,577</b>	<b>3,672,307</b>	<b>4,458,278</b>	<b>4,546,439</b>	<b>5,162,322</b>	<b>5,205,502</b>	<b>4,998,039</b>

الإنتاج السنوي للكهرباء (ميجاوات ساعة) ٢٠١٦ - ١٩٩٩ (تابع)

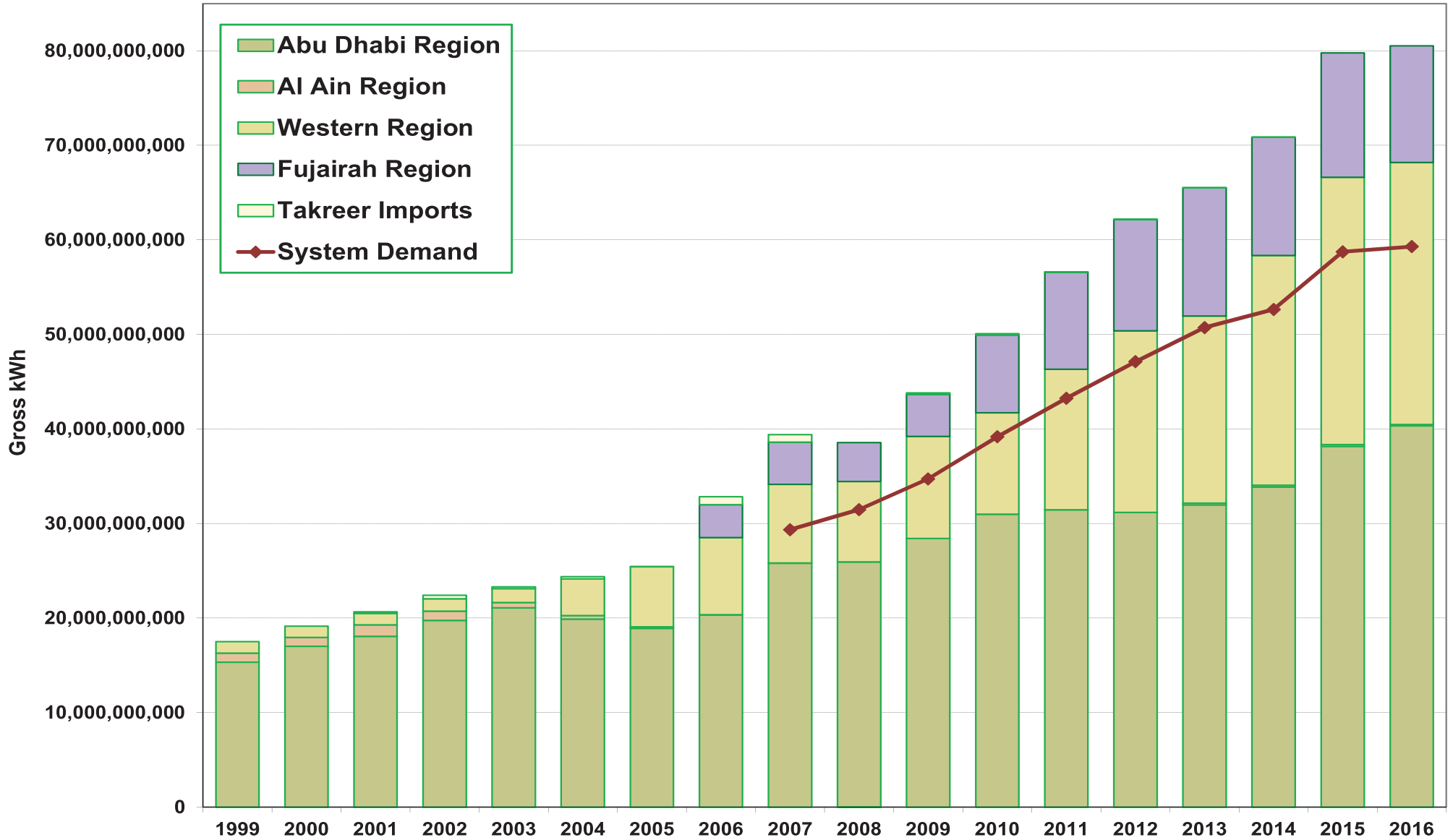
Annual Electricity Generation (Gross MWh) 1999 - 2016 (continued)

Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<b>Station</b>																			
Taweelah A1	549,811	1,095,502	3,102,435	6,198,618	6,208,381	5,056,976	4,683,480	6,669,809	6,547,523	6,690,950	7,162,580	7,429,299	6,850,391	7,133,988	7,867,066	9,620,027	11,107,768		
<b>GTPPC Total</b>	549,811	1,095,502	3,102,435	6,198,618	6,208,381	5,056,976	4,683,480	6,669,809	6,547,523	6,690,950	7,162,580	7,429,299	6,850,391	7,133,988	7,867,066	9,620,027	11,107,768		
Shuweihat S1				214,362	3,136,879	5,815,048	7,732,929	7,815,653	8,026,809	10,041,089	9,806,545	8,790,318	9,422,383	9,286,704	9,343,765	9,990,539	10,362,085		
<b>SCIPCO Total</b>				214,362	3,136,879	5,815,048	7,732,929	7,815,653	8,026,809	10,041,089	9,806,545	8,790,318	9,422,383	9,286,704	9,343,765	9,990,539	10,362,085		
Shuweihat S2											111,111	5,226,311	9,090,115	9,886,663	8,915,765	9,747,129	10,430,491		
<b>RPC Total</b>											111,111	5,226,311	9,090,115	9,886,663	8,915,765	9,747,129	10,430,491		
Shuweihat S3															181,467	5,740,421	8,182,834	6,544,964	
<b>SAPCO Total</b>															181,467	5,740,421	8,182,834	6,544,964	
Umm Al Nar East				871,493	1,431,360	1,213,523	1,137,257	816,976	531,182	573,123	429,206	343,772	44,073	135,629	61,035	237,694	91,021		
Umm Al Nar West				2,215,037	3,265,611	2,628,511	2,944,203	1,741,264	514,942	725,842	1,759,407	1,685,198	1,444,893	1,605,491	1,199,999	1,547,052	1,318,458		
Sas Al Nakhl						36,265	1,069,228	7,593,068	8,137,257	8,495,708	8,922,197	8,727,573	8,311,901	9,039,298	8,775,309	9,906,262	11,052,815		
<b>APC Total</b>				3,086,530	4,696,971	3,878,299	5,150,688	10,151,308	9,183,381	9,794,673	11,110,810	10,756,543	9,800,867	10,780,418	10,036,343	11,691,008	12,462,294		
<b>ADWEA SYSTEM Total</b>	17,507,860	19,128,385	20,494,863	22,026,211	23,111,033	24,142,973	25,423,718	28,502,417	34,142,469	34,452,123	39,219,086	41,712,186	46,314,244	50,378,415	51,936,809	58,342,539	66,626,466	68,183,363	
<b>Net Imports from EMAL</b>											8,628,173	18,199,420	-6,208,000	-2,039,273	26,350,739	11,115,495	-24,336,310	-9,374	
Net Imports from (ENG) to Abu Dhabi								-2,014,773	-5,614,875	-2,971,273	-4,685,857	-2,685,643	-4,148,807	-4,697,691	500	-5,494,057	-7,246	-7,947	
<b>Net Imports from (ENG)</b>								-2,014,773	-9,040,059	-6,039,217	-8,050,834	-9,614,163	-12,210,172	-13,593,637	-14,781,439	-16,808,509	-19,615,914	-20,179,108	
Net Imports from Takreer			153,796	372,640	178,444	222,822	139	835,371	814,616	-3,354	174,306	128,395	52,655	2,828,000	1,631,000	687,000			
<b>Net Imports from GCC</b>														-20,084,000	-34,087,021	-15,425,090	-27,519,414	-14,654,578	634,530
<b>Total Net Imports</b>			153,796	372,640	178,444	222,822	139	-1,179,402	-8,225,443	-6,042,571	-7,876,528	-9,485,768	-12,183,809	-13,626,935	-14,768,882	-16,824,225	-19,615,914	-19,553,952	
<b>Qidfa Auxiliary</b>									776,962	779,025	791,388	1,300,964	1,147,763	1,423,120	1,456,698	137,614,845	141,761,818	1,687,271	
<b>Abu Dhabi Demand</b>	17,507,860	19,128,385	20,648,659	22,398,851	23,289,477	24,365,795	25,423,857	27,323,015	29,342,210	31,477,496	43,335,708	57,354,358	43,244,711	47,114,786	49,266,569	52,646,239	58,735,825	59,286,141	
<b>ESWPC</b>								3,484,902	4,450,025	4,094,559	4,425,666	3,597,044	2,197,640	2,852,505	4,097,117	3,540,877	4,263,341	3,939,579	
<b>FAPCO</b>												4,632,439	8,064,394	8,933,918	9,458,219	8,963,191	8,879,548	8,404,421	
<b>Global Generation</b>								31,987,322	38,592,497	38,546,686	43,644,756	49,941,673	56,576,283	62,164,842	65,492,149	70,846,614	79,769,355	80,527,364	
<b>Global Energy Demand</b>								32,822,693	39,407,113	38,543,332	43,827,690	50,088,268	56,602,646	62,131,544	65,504,706	70,830,897	40,778,467	81,077,483	
<b>Global Energy Demand including GCC</b>								32,822,693	39,407,113	38,543,332	43,827,690	50,088,268	56,622,730	62,165,631	65,520,131	70,858,416	55,433,045	81,280,124	

Note:

Taweelah A converted to Taweelah A1 IWPP on September 26, 2000  
UANPC converted to Arabian Power Company (APC) IWPP on July 1, 2003  
ATPC converted to TAPCO IWPP on April, 2005  
Al Ain transferred to AMPC on Jan 1, 2009

**Annual Electricity Generation by Region (Gross MWh) 1999 - 2016**





## كمية الطاقة المولدة حسب نوع المولدات (جيجاوات ساعة)

### Energy Generation by Type of Generator (Gross GWh)

Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Gas Turbines	7,445.93	8,796.79	9,718.01	11,066.19	11,531.78	13,612.52	15,010.04	19,220.74	24,773.06	27,503.19	31,705.17	36,000.61	40,076.77	44,018.80	46,738.52	48,734.83	54,237.61	53,115.43
Steam Turbine	10,044.10	10,315.81	10,755.73	10,945.61	11,572.14	10,529.76	10,412.97	12,766.37	13,819.36	11,043.42	11,939.38	13,941.03	16,499.49	18,146.02	18,753.61	22,111.76	25,531.15	27,411.86
Diesel Engines	17.83	15.78	21.12	14.41	7.64	0.69	0.72	0.21	0.07	0.07	0.21	0.03	0.02	0.02	0.02	0.03	0.59	0.72
Total	17,507.86	19,128.39	20,494.86	22,026.21	23,111.55	24,142.98	25,423.72	31,987.32	38,592.50	38,546.69	43,644.76	49,941.67	56,576.28	62,164.84	65,492.15	70,846.61	79,769.36	80,527.36

## نسبة توليد الطاقة حسب نوع المولدات

### Energy Generation by Type of Generator (Percent)

Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Gas Turbines	42.5%	46.0%	47.4%	50.2%	49.9%	56.4%	59.0%	60.1%	64.2%	71.4%	72.6%	72.1%	70.8%	70.8%	71.4%	68.8%	68.0%	68.0%
Steam Turbine	57.4%	53.9%	52.5%	49.7%	50.1%	43.6%	41.0%	39.9%	35.8%	28.6%	27.4%	27.9%	29.2%	29.2%	28.6%	31.2%	32.0%	32.0%
Diesel Engines	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	52.6%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

## Annual Auxiliary Electricity Consumption by Station (MWh) 1999 - 2016

Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Station</b>																		
Abu Dhabi Gas Turbines	11,535	11,470	11,046	11,099	9,949	9,085	7,109	7,571	6,030									
Abu Dhabi Steam Turbines	157,538	160,279	144,206	142,797	157,312	143,569	124,205	131,173	57,569									
Taweelah A	272,179	192,364																
Al Ain	17,110	17,128	18,063	17,015	12,599	10,484	7,120	6,245	5,746	4,429								
<b>BPC Total</b>	<b>458,362</b>	<b>381,241</b>	<b>173,315</b>	<b>170,911</b>	<b>179,860</b>	<b>163,138</b>	<b>138,434</b>	<b>144,989</b>	<b>69,345</b>	<b>4,429</b>								
Umm Al Nar East	221,966	220,253	246,065	196,780	90,448													
Umm Al Nar West	621,822	658,281	655,556	904,135	494,836													
<b>UAN PC Total</b>	<b>843,788</b>	<b>878,534</b>	<b>901,621</b>	<b>1,100,915</b>	<b>585,284</b>													
Taweelah B	831,973	854,013	847,620	786,042	758,459	712,153	210,481											
Taweelah B2 Extension	11,308	61,991	103,002	118,057	58,564	150,523	58,140											
<b>ATPC Total</b>	<b>843,281</b>	<b>916,004</b>	<b>950,622</b>	<b>904,099</b>	<b>817,023</b>	<b>862,676</b>	<b>268,621</b>											
Taweelah B							467,925	760,084	742,902	750,749	667,296	623,154	685,760	731,129	643,097	704,543	698,120	652,899
Taweelah B2 Extension							134,385	204,445	126,307	161,788	207,175	193,053	196,564	214,552	271,298	222,589	203,570	165,663
Taweelah New Extension									57,315	427,056	603,508	614,401	588,732	602,822	598,958	520,796	561,757	549,416
<b>TAPCO Total</b>							<b>602,310</b>	<b>964,529</b>	<b>926,524</b>	<b>1,339,593</b>	<b>1,477,979</b>	<b>1,430,608</b>	<b>1,471,056</b>	<b>1,548,503</b>	<b>1,513,353</b>	<b>1,447,928</b>	<b>1,463,447</b>	<b>1,367,978</b>
Al Ain											4,531	4,173	3,834	3,392	5,281	4,938	4,838	4,530
Al Mirfa	168,758	152,418	165,505	205,007	228,981	228,996	144,757	171,337	198,516	273,597	294,252	295,164	274,959	267,771	189,274	174,527	160,138	
Madinat Zayed	5,414	2,586	1,417	5,273	6,998	5,306	2,005	1,933	785	313	1,822	1,790	1,621	1,956,193	1,849	1,963	1,875	1,923
<b>AMPC Total</b>	<b>174,173</b>	<b>155,004</b>	<b>166,922</b>	<b>210,280</b>	<b>235,980</b>	<b>234,302</b>	<b>146,763</b>	<b>173,270</b>	<b>199,301</b>	<b>273,911</b>	<b>300,605</b>	<b>301,127</b>	<b>280,414</b>	<b>2,227,356</b>	<b>196,404</b>	<b>181,428</b>	<b>166,851</b>	<b>6,453</b>
Shams 1															20,029	28,691	28,912	29,983
<b>Shams 1 Total</b>															<b>20,029</b>	<b>28,691</b>	<b>28,912</b>	<b>29,983</b>
Taweelah A2		9,191	233,035	399,104	383,579	422,368	431,334	427,315	414,261	414,949	415,799	406,894	408,783	424,674	411,459	437,665	428,009	412,709
<b>ECPC Total</b>		<b>9,191</b>	<b>233,035</b>	<b>399,104</b>	<b>383,579</b>	<b>422,368</b>	<b>431,334</b>	<b>427,315</b>	<b>414,261</b>	<b>414,949</b>	<b>415,799</b>	<b>406,894</b>	<b>408,783</b>	<b>424,674</b>	<b>411,459</b>	<b>437,665</b>	<b>428,009</b>	<b>412,709</b>

الاستهلاك الداخلي السنوي للمحطات (ميجاوات ساعة) ٢٠١٦ - ١٩٩٩ (تابع)  
**Annual Auxiliary Electricity Consumption by Station (MWh)  
1999-2016 (continued)**

Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Station</b>																		
Taweelah A1		67,696	230,925	349,539	438,581	444,202	437,918	433,645	481,297	505,927	526,709	544,203	529,622	500,673	510,367	532,043	538,499	558,842
<b>GTPC Total</b>		67,696	230,925	349,539	438,581	444,202	437,918	433,645	481,297	505,927	526,709	544,203	529,622	500,673	510,367	532,043	538,499	558,842
Shuweihat S1					16,758	342,631	636,048	833,778	878,558	898,675	913,263	928,733	874,112	829,089	866,810	847,694	833,214	846,466
<b>SCIPCO Total</b>					16,758	342,631	636,048	833,778	878,558	898,675	913,263	928,733	874,112	829,089	866,810	847,694	833,214	846,466
Shuweihat S2										2,982	444,107	625,388	720,089	722,872	752,731	762,211		
<b>RPC Total</b>										2,982	444,107	625,388	720,089	722,872	752,731	762,211		
Shuweihat S3															20,335	2,257,493	257,113	215,824
<b>SAPCO Total</b>															20,335	2,257,493	257,113	215,824
Umm Al Nar East					109,455	237,499	204,825	204,883	175,586	157,553	165,898	157,462	167,575	165,664	170,723	160,651	168,580	162,962
Umm Al Nar West					556,451	1,054,470	946,401	875,477	437,288	293,128	326,150	396,811	336,288	359,858	344,675	333,854	358,985	339,906
Sas Al Nakhl								317,693	787,633	802,362	770,877	823,308	827,246	822,199	845,981	780,296	776	812,486
<b>APC Total</b>					665,906	1,291,969	1,151,226	1,398,053	1,400,507	1,253,043	1,262,925	1,377,581	1,331,109	1,347,721	1,361,379	1,274,801	528,341	1,315,354
<b>ADWEA SYSTEM Total</b>	2,319,604	2,407,670	2,656,440	3,134,848	3,322,971	3,761,286	3,812,654	4,375,579	4,369,793	4,690,527	4,897,280	4,992,128	5,339,203	5,549,174	5,620,225	5,698,878	5,773,152	5,515,817
<b>ESWPC</b>									776,962	779,025	791,388	891,030	614,415	778,476	850,189	740,832	771,295	853,849
<b>FAPCO</b>														644,643	606,508	635,315	646,322	631,447
<b>Global Generation</b>									5,146,763	549,557	5,688,673	6,293,099	5,953,618	6,972,294	7,076,922	7,075,025	7,190,769	7,001,114

Note:

Taweelah A converted to Taweelah A1 IWPP in September 2000

UANPC converted to Arabian Power Company (APC) IWPP in July 2003

ATPC converted to TAPCO IWPP in April 2005

## كميات الكهرباء المصدرة و المستوردة سنويا (ميجاوات ساعة)

### Annual Electricity Exports and Imports (MWh)

Year	Abu Dhabi	Al Ain	Western Region	Takreer (included WR)	EMAL	ENG			Western Region	
	Abu Dhabi Region / WR + Al Ain Region + Other Emirates	Al Ain Region / Abu Dhabi & Western Region	Western Region / Abu Dhabi & Al Ain Region	Takreer / Western Region	Emal / Abu Dhabi Region	Emirates National Grid (ENG) / Abu Dhabi Region	ENG / Fujairah Plants	ENG / Abu Dhabi Region & Fujairah Plants	Western Region/ KSA	Western Region/ Oman
1999	3,814,538	-3,791,830	-22,708							
2000	4,859,216	-4,506,896	-352,320							
2001	5,092,286	-4,773,327	-318,959	153,796						
2002	5,556,633	-5,309,535	-247,098	372,640						
2003	6,160,565	-5,943,671	-216,894	178,444						
2004	4,256,011	-6,191,220	1,935,209	222,822						
2005	2,751,897	-6,700,568	3,948,671	139						
2006	2,920,283	-7,045,448	6,139,938	835,371		-2,014,773		-2,014,773		
2007	7,211,582	-7,489,320	5,892,613	814,616		-5,614,875	-3,425,184	-9,040,059		
2008	6,129,492	-7,880,491	4,722,273	-3,354		-2,971,274	-3,067,943	-6,039,217		
2009	6,357,159	-8,473,462	6,793,532	174,306	8,628	-4,685,857	-3,364,977	-8,050,834		
2010	3,444,288	-9,073,081	5,608,637	128,395	18,199	-2,685,643	-6,928,519	-9,614,162		
2011	4,567,041	-9,341,311	7,843,808	52,655	-6,208	-4,148,807	-8,061,365	-12,210,172	35,898	-15,814
2012	1,944,532	-9,816,499	11,135,599	2,828	-2,039	-4,697,691	-8,895,946	-13,593,637	23,042	11,045
2013	1,398,604	-7,474,990	10,800,650	1,631	26,351	-4,310,368	-10,471,072	-14,781,439	-66,897	23,310
2014	1,293,007	-10,005,114	14,421,595	687	11,115	-5,494,057	-11,314,452	-16,808,509	-67,417	-16,720
2015	3,307,547	-10,574,016	15,410,345	0	-24,336,310	-7,246	-19,569,678	-19,576,924	-15,959	-25,972
2016	5,580,336	-10,577,115	13,920,485	0	-9,373,887	-7,947	-20,171,161	-20,179,108	-596,812	-25,084

**Notes:**

Takreer Exports/Imports are included in the Western Region's Exports/Imports.

Exports are shown as positive (+)

Imports are shown as negative (-)

Refer to the network diagram for regional boundaries of export and import

كميات الكهرباء المصدرة و المستوردة شهريا (ميجاوات ساعة) ٢٠١٣ - ٢٠١٢

Monthly Electricity Exports and Imports (MWh) 2012 - 2013

Year	2012												Total
Month	January	February	March	April	May	June	July	August	September	October	November	December	
<b>Abu Dhabi</b>	140,145	126,698	325,542	330,798	462,836	401,356	248,001	269,824	131,639	-139,500	-4,536	-348,271	1,944,532
AI Ain ->Abu Dhabi	-329,923	-343,049	-443,335	-516,263	-755,228	-790,346	-804,486	-785,048	-683,015	-487,217	-417,534	-264,601	-6,620,045
AI Ain ->Western Region	-157,887	-166,959	-139,514	-175,438	-184,758	-194,896	-258,289	-263,091	-243,304	-216,731	-176,718	-159,099	-2,336,684
AI Ain ->Fujairah	19,516	60,408	2,390	-17,188	-81,017	-98,239	-195,783	-173,109	-165,036	-132,263	-20,006	-70,488	-870,815
AI Ain ->GCC	-3,030	-2,988	14,310	1,933	274	-81	-26	395	-63	-454	305	471	11,045
Total flow from AI Ain	-471,324	-452,588	-566,149	-706,956	-1,020,729	-1,083,562	-1,258,584	-1,220,853	-1,091,418	-836,665	-613,953	-493,717	-9,816,499
Western Region->AI Ain	157,887	166,959	139,514	175,438	184,758	194,896	258,289	263,091	243,304	216,731	176,718	159,099	2,336,684
Western Region->GCC	1,166	1,846	1,296	4,508	1,851	1,665	2,087	1,025	2,768	1,493	1,968	1,369	23,042
Total flow from Western Region	608,867	666,583	572,467	746,779	905,197	1,011,814	1,229,678	1,212,136	1,146,067	1,170,557	917,786	947,669	11,135,599
Takreer	341	94	749	404	155	538	-660	-1,345	1,030	502	236	784	2,828
EMAL	-37	-75	22	-242	26	104	149	168	559	250	-2,875	-87	-2,039
Other Emirates-> Abu Dhabi	-303,027	-316,057	-354,616	-420,877	-467,318	-475,446	-471,935	-488,863	-433,943	-381,445	-359,544	-224,620	-4,697,691
Other Emirates-> Fujairah	-368,652	-361,325	-508,658	-663,454	-901,723	-915,011	-1,027,068	-1,010,811	-925,284	-886,443	-725,440	-602,077	-8,895,946
Other Emirates	-671,679	-677,382	-863,274	-1,084,331	-1,369,041	-1,390,457	-1,499,003	-1,499,674	-1,359,227	-1,267,888	-1,084,984	-826,697	-13,593,637

Year	2013												Total
Month	January	February	March	April	May	June	July	August	September	October	November	December	
<b>Abu Dhabi</b>	-222,488	-169,788	114,309	247,168	375,084	367,973	150,193	147,775	108,882	16,436	173,471	89,589	1,398,604
AI Ain ->Abu Dhabi	-234,834	-225,720	-424,878	-458,197	-638,530	-695,781	-700,990	-683,870	-671,750	-591,827	-503,468	-442,148	-6,271,993
AI Ain ->Western Region	-144,868	-143,227	-115,737	-155,860	-187,565	-198,479	-234,414	-237,003	-237,464	-222,553	-155,334	-121,238	-2,153,742
AI Ain ->Fujairah	90,844	74,804	53,022	84,780	58,430	118,271	230,795	190,956	108,651	9,006	-43,342	-48,782	927,435
AI Ain ->GCC	-262	2,470	750	1,669	3,262	2,655	1,459	2,904	2,768	2,062	496	3,077	23,310
Total flow from AI Ain	-289,120	-291,673	-486,843	-527,608	-764,403	-773,334	-703,150	-727,013	-797,795	-803,312	-701,648	-609,091	-7,474,990
Western Region->Abu Dhabi	648,233	604,333	625,822	554,671	717,277	749,543	914,869	851,350	880,754	869,277	641,202	656,474	8,713,805
Western Region->AI Ain	144,868	143,227	115,737	155,860	187,565	198,479	234,414	237,003	237,464	222,553	155,334	121,238	2,153,742
Western Region->GCC	-4,058	-4,592	-5,584	-6,620	-4,691	-4,399	-8,210	-6,277	-7,848	-4,069	-4,650	-5,899	-66,897
Total flow from Western Region	789,043	742,968	735,975	703,911	900,151	943,623	1,141,073	1,082,076	1,110,370	1,087,761	791,886	771,813	10,800,650
Takreer	438	55	68	172	-24	141	124	111	146	129	150	121	1,631
EMAL	-789	-93	-143	312	445	55	1,256	3,047	1,693	4,564	13,487	2,517	26,351
Other Emirates-> Abu Dhabi	-226,210	-240,440	-343,985	-379,812	-484,954	-471,260	-410,090	-374,776	-369,894	-342,417	-340,467	-326,063	-4,310,368
Other Emirates-> Fujairah	-548,128	-503,787	-706,109	-795,122	-909,865	-1,022,630	-1,212,284	-1,199,069	-1,103,736	-1,088,463	-766,449	-615,430	-10,471,072
Other Emirates	-774,338	-744,227	-1,050,094	-1,174,933	-1,394,819	-1,493,890	-1,622,374	-1,573,845	-1,473,630	-1,430,880	-1,106,916	-941,493	-14,781,439

كميات الكهرباء المصدرة و المستوردة شهريا (ميجاوات ساعة) ٢٠١٤ - ٢٠١٥  
Monthly Electricity Exports and Imports (MWh) 2014 - 2015

Year	2014												Total
Month	January	February	March	April	May	June	July	August	September	October	November	December	
Abu Dhabi	-17,060	102,718	51,666	243,862	251,529	218,581	139,811	22,710	25,619	63,275	158,528	31,768	1,293,007
Al Ain ->Abu Dhabi	-378,578	-391,740	-444,799	-730,039	-759,992	-823,669	-935,319	-886,608	-813,455	-783,187	-590,224	-486,229	-8,023,839
Al Ain ->Western Region	-112,720	-122,627	-164,294	-189,077	-278,634	-269,207	-333,462	-329,539	-304,847	-324,656	-182,378	-147,712	-2,759,153
Al Ain ->Fujairah	16,994	67,244	29,652	127,112	29,254	-9,161	52,336	35,910	44,703	169,512	143,579	87,463	794,598
Al Ain ->GCC	323	-450	-2,393	-2,716	-5,259	-1,689	580	-1,831	-947	-1,912	-763	337	-16,720
Total flow from Al Ain	-473,981	-447,573	-581,834	-794,720	-1,014,631	-1,103,726	-1,215,865	-1,182,068	-1,074,546	-940,243	-629,786	-546,141	-10,005,114
Western Region->Abu Dhabi	603,722	595,019	670,857	886,966	1,099,219	1,052,010	1,317,640	1,363,920	1,260,693	1,256,372	846,495	776,945	11,729,859
Western Region->Al Ain	112,720	122,627	164,294	189,077	278,634	269,207	333,462	329,539	304,847	324,656	182,378	147,712	2,759,153
Western Region->GCC	-788	-2,627	-3,680	-7,681	-5,031	-7,157	-4,437	-9,213	-6,611	-6,539	-6,111	-7,542	-67,417
Total flow from Western Region	715,654	715,019	831,471	1,068,362	1,372,822	1,314,060	1,646,665	1,684,246	1,558,929	1,574,489	1,022,762	917,115	14,421,595
Takreer	131	-233	166	29	-4	137	86	86	-36	174	58	93	687
EMAL	113	-2	933	-599	143	5,190	509	94	-247	-427	-338	5,747	11,115
Other Emirates-> Abu Dhabi	-243,938	-327,742	-308,553	-434,138	-534,029	-504,512	-584,544	-562,092	-536,841	-595,106	-471,335	-391,227	-5,494,057
Other Emirates-> Fujairah	-584,021	-525,073	-637,870	-854,535	-1,113,651	-1,221,077	-1,318,183	-1,271,260	-1,182,859	-1,035,124	-831,341	-739,458	-11,314,452
Other Emirates	-827,959	-852,815	-946,423	-1,288,673	-1,647,680	-1,725,589	-1,902,727	-1,833,352	-1,719,700	-1,630,230	-1,302,676	-1,130,685	-16,808,509

Year	2015												Total
Month	January	February	March	April	May	June	July	August	September	October	November	December	
Abu Dhabi	205,585	217,098	-51,611	98,523	108,898	113,580	20,481	-51,193	-199,945	-129,129	169,041	311,005	812,333
Al Ain ->Abu Dhabi	-606,727	-607,150	-529,717	-716,678	-912,598	-915,551	-965,131	-947,105	-811,120	-683,622	-571,964	-685,357	-8,952,719
Al Ain ->Western Region	-151,667	-175,552	-206,459	-240,853	-311,277	-309,829	-342,333	-358,932	-331,648	-208,700	-184,653	-133,396	-2,955,298
Al Ain ->Fujairah	248,703	260,439	85,608	119,349	132,310	63,639	69,013	81,207	61,950	-87,073	59,373	265,454	1,359,972
Al Ain ->GCC	618	-3,236	-2,719	871	2,360	-6,363	3,990	1,240	-9,801	-4,309	-3,661	-4,962	-25,972
Total flow from Al Ain	-509,073	-525,499	-653,287	-837,311	-1,089,206	-1,168,104	-1,234,461	-1,223,590	-1,090,619	-983,703	-700,904	-558,261	-10,574,016
Western Region->Abu Dhabi	858,991	896,373	945,678	1,051,225	1,293,210	1,247,669	1,158,994	1,253,985	1,169,026	703,979	450,906	469,765	11,499,802
Western Region->Al Ain	151,667	175,552	206,459	240,853	311,277	309,829	342,333	358,932	331,648	208,700	184,653	133,396	2,955,298
Western Region->GCC	-5,427	-7,519	-5,011	-6,140	-3,877	-6,029	-5,260	-7,801	8,423	7,771	5,697	9,214	-15,959
Total flow from Western Region	1,005,231	1,064,406	1,147,126	1,285,938	1,600,610	1,551,469	1,496,067	1,605,116	1,509,097	920,449	641,255	612,375	14,439,140
Takreer													
EMAL	-2,759,254	-2,427,354	-2,662,205	-2,573,318	-2,128,183	-1,734,531	-826,840	-4,404,732	-2,037,875	-1,237,052	-1,088,302	-456,662	-24,336,310
Other Emirates-> Abu Dhabi	-545	-570	-462	-561	-615	-606	-746	-750	-658	-467	-629	-637	-7,246
Other Emirates-> Fujairah	-1,037,391	-1,086,114	-1,220,017	-1,456,644	-1,758,834	-2,074,210	-2,279,306	-2,252,168	-2,077,787	-1,771,297	-1,392,871	-1,163,038	-19,569,678
Other Emirates	-1,037,936	-1,086,684	-1,220,479	-1,457,205	-1,759,450	-2,074,816	-2,280,052	-2,252,918	-2,078,445	-1,771,764	-1,393,501	-1,163,675	-19,576,924

## كميات الكهرباء المصدرة و المستوردة شهريا (ميجاوات ساعة) ٢٠١٦

### Monthly Electricity Exports and Imports (MWh) 2016

Year	2016												Total
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	789,191	465,241	433,887	622,590	601,072	642,495	267,682	291,603	359,065	369,581	210,914	527,015	5,580,336
Al Ain ->Abu Dhabi	-729,285	-559,511	-620,727	-744,996	-1,020,040	-1,039,731	-926,194	-923,547	-913,997	-798,676	-731,862	-720,834	-9,729,398
Al Ain ->Western Region	-120,750	-132,127	-136,473	-135,373	-301,193	-356,500	-391,184	-394,626	-357,964	-304,411	-271,982	-221,640	-3,124,221
Al Ain ->Fujairah	329,813	180,291	147,791	164,573	88,042	83,761	175,045	177,257	108,464	171,576	313,728	361,249	2,301,588
Al Ain ->GCC	6,397	-3,137	-666	-2,310	149,162	139,006	-147,466	-148,071	412	-7,048	-6,844	-4,518	-25,084
Total flow from Al Ain	-513,826	-514,484	-610,075	-718,105	-1,084,030	-1,173,464	-1,289,799	-1,288,987	-1,163,086	-938,559	-696,960	-585,743	-10,577,115
Western Region->Abu Dhabi	520,311	540,448	621,485	559,058	1,030,961	1,164,461	1,434,137	1,428,280	1,248,407	1,076,460	1,035,237	733,829	11,393,075
Western Region->Al Ain	120,750	132,127	136,473	135,373	301,193	356,500	391,184	394,626	357,964	304,411	271,982	221,640	3,124,221
Western Region->GCC	-3,827	-3,405	-2,517	4,875	1,844	-102,512	-212,455	-210,403	-95,966	7,281	9,292	10,983	-596,812
Total flow from Western Region	637,234	669,170	755,441	699,306	1,333,998	1,418,448	1,612,866	1,612,503	1,510,405	1,388,152	1,316,511	966,451	13,920,485
Takreer													
EMAL	-576,675	-791,265	956,037	-958,279	32,567,052	-79,484,178	-71,613,637	-82,754,074	-72,996,270	-1,394,250	177,066,668	90,604,984	-9,373,887
Other Emirates-> Abu Dhabi	-609	-468	-469	-548	-740	-766	-805	-804	-707	-695	-677	-660	-7,947
Other Emirates-> Fujairah	-1,126,567	-1,005,305	-1,240,154	-1,383,809	-1,869,017	-2,196,315	-2,336,239	-2,345,326	-2,108,984	-1,901,187	-1,453,016	-1,205,242	-20,171,161
Other Emirates	-1,127,176	-1,005,773	-1,240,623	-1,384,357	-1,869,757	-2,197,081	-2,337,045	-2,346,130	-2,109,691	-1,901,882	-1,453,693	-1,205,902	-20,179,108

Notes:

Takreer exports / imports are included in the Western Region's exports / imports.  
Exports are shown as positive (+) and Imports are shown as negative (-)

الأحمال القصوى الأسبوعية للشبكة (ميجاوات) ١٩٩٩ - ٢٠١٦

**System Weekly Electricity Peak Demand (MW) 1999 - 2016**

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010*	2011*	2012*	2013*	2014*	2015*	2016*
1	1,411	1,615	1,802	2,080	2,056	2,255	2,220	2,320	2,382	2,796	2,892	3,432	3,770	4,213	4,515	4,465	5,233	5,420
2	1,460	1,633	1,808	2,083	2,026	2,241	2,209	2,205	2,434	2,765	2,879	3,316	3,865	4,457	4,738	4,655	5,202	5,437
3	1,423	1,701	1,768	1,987	2,012	2,256	2,121	2,365	2,412	2,592	2,907	3,344	3,797	4,346	4,435	4,426	5,220	5,407
4	1,415	1,700	1,719	1,839	2,012	2,084	2,043	2,266	2,454	2,505	2,702	3,391	3,744	4,126	4,460	4,428	5,099	5,500
5	1,436	1,719	1,701	1,863	2,052	2,115	2,141	2,305	2,474	2,594	2,810	3,529	3,866	4,297	4,502	4,623	5,278	5,280
6	1,496	1,664	1,715	1,875	2,067	2,025	2,223	2,600	2,643	2,510	2,928	3,419	3,752	4,348	4,383	4,947	5,673	5,361
7	1,538	1,680	1,791	1,941	2,043	2,092	2,210	2,673	2,545	2,698	3,095	3,588	3,773	4,602	4,856	4,616	6,095	5,305
8	1,521	1,715	1,877	1,995	2,214	2,243	2,332	2,561	2,621	2,848	3,129	3,990	3,853	4,466	4,658	4,770	5,251	5,764
9	1,613	1,863	1,808	2,216	2,391	2,339	2,342	2,389	2,635	2,845	3,633	3,666	4,351	4,495	4,814	4,881	5,431	5,811
10	1,844	1,747	1,866	2,077	2,135	2,267	2,554	2,559	2,732	2,879	3,605	3,849	4,257	4,256	5,270	5,203	5,706	5,666
11	1,482	1,735	2,176	2,103	2,631	2,604	2,897	2,657	3,085	3,112	3,394	4,272	4,649	4,765	5,064	5,794	6,177	6,023
12	1,604	1,984	2,138	2,515	2,617	2,914	2,768	2,894	2,888	3,333	3,876	4,572	4,491	4,574	5,486	5,482	6,045	5,935
13	1,708	2,136	2,273	2,631	3,073	2,698	2,673	2,849	3,501	3,592	4,280	4,494	4,423	5,447	5,005	5,302	6,796	6,865
14	1,814	2,081	2,369	2,997	2,893	2,877	3,234	3,204	3,485	3,850	3,486	4,634	4,941	5,482	5,464	6,026	7,228	6,274
15	2,374	2,362	2,632	2,687	3,090	3,174	3,158	3,116	3,788	3,940	4,053	4,929	5,762	5,671	5,824	6,220	7,575	6,779
16	1,973	2,636	2,519	2,701	3,202	2,767	3,419	3,565	3,650	4,029	4,198	5,112	5,341	5,205	6,725	6,872	7,328	6,504
17	2,118	2,897	2,645	3,153	2,885	3,095	3,625	3,871	4,013	3,899	4,382	5,315	5,434	5,700	6,310	7,176	7,404	7,645
18	2,517	2,944	3,077	3,270	3,240	3,440	3,524	3,967	4,275	4,235	4,904	5,775	5,721	6,668	6,022	7,310	8,316	8,417
19	2,558	2,959	3,156	3,478	3,355	3,670	3,390	4,063	4,304	4,630	4,968	5,573	6,351	7,096	6,298	7,199	8,634	8,800
20	2,657	2,803	3,307	3,488	3,589	3,626	4,006	4,048	4,605	4,880	5,408	5,843	6,768	7,292	7,058	7,744	8,587	9,403
21	2,656	2,939	3,367	3,609	3,586	3,493	4,043	4,313	4,586	4,938	5,382	6,097	6,756	7,445	7,162	7,859	9,013	8,907
22	2,616	2,978	3,188	3,626	3,572	3,816	4,074	4,408	4,794	5,118	5,721	6,248	6,969	7,167	7,689	8,594	9,622	8,887
23	2,823	3,202	3,384	3,695	3,839	3,993	4,245	4,506	4,891	5,266	5,923	6,346	7,279	7,099	7,434	8,275	9,702	9,401
24	2,913	2,967	3,422	3,736	3,901	3,978	4,189	4,516	4,915	5,017	5,596	6,662	6,977	7,403	7,336	8,737	9,733	9,549
25	2,949	3,045	3,334	3,771	3,983	3,981	4,296	4,576	5,075	4,717	5,758	6,725	7,226	7,720	7,780	8,090	9,558	9,349
26	2,907	3,127	3,460	3,725	3,892	4,068	4,274	4,682	5,051	5,017	5,696	6,368	6,890	7,636	7,908	8,582	9,439	9,930

Notes:

1999 - 2009 data are Hourly peaks.

\*2010 - 2016 data are instantaneous peaks.

الأحمال القصوى الأسبوعية للشبكة (ميغاوات) ١٩٩٩ - ٢٠١٦ (تابع)

**System Weekly Electricity Peak Demand (MW) 1999 - 2016 (continued)**

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010*	2011*	2012*	2013*	2014*	2015*	2016*
27	2,917	3,179	3,445	3,836	3,739	4,027	3,996	4,497	5,033	5,254	5,946	6,610	7,054	7,793	8,101	8,527	9,728	9,763
28	2,857	3,230	3,412	3,809	4,000	4,191	4,382	4,595	4,777	5,225	5,686	6,885	7,429	7,881	8,596	8,907	9,864	10,146
29	2,953	3,278	3,558	3,853	4,074	4,302	4,251	4,678	4,880	5,438	5,777	6,879	7,462	8,168	8,524	8,825	9,664	10,167
30	2,967	3,183	3,585	3,875	4,000	4,219	4,388	4,702	5,068	5,402	5,892	6,661	7,294	8,049	8,599	8,983	10,104	10,518
31	2,882	3,202	3,645	3,846	4,007	4,237	4,439	4,741	5,075	5,446	5,976	6,665	7,537	8,214	8,363	8,774	9,613	10,289
32	2,961	3,189	3,596	3,886	3,996	4,092	4,367	4,676	5,100	5,569	5,859	6,789	7,648	8,278	8,135	8,925	9,752	10,151
33	3,028	3,229	3,583	3,909	4,061	4,271	4,329	4,773	5,125	5,521	5,980	6,729	7,683	8,057	8,484	8,881	9,463	10,213
34	3,048	3,295	3,596	3,889	4,109	4,288	4,417	4,773	5,138	5,510	6,197	6,672	7,327	7,990	8,406	8,895	9,959	10,004
35	3,007	3,304	3,569	3,949	4,030	4,285	4,400	4,756	5,170	5,501	6,118	6,737	7,469	7,873	8,324	8,594	10,172	10,252
36	3,008	3,129	3,723	4,008	4,101	4,235	4,346	4,772	5,261	5,586	6,039	6,672	7,343	8,128	8,477	8,670	9,297	10,191
37	3,104	3,274	3,679	3,881	4,116	4,165	4,413	4,646	5,102	5,395	6,011	6,464	7,307	8,193	8,398	8,957	9,252	9,311
38	2,991	3,175	3,600	3,674	3,992	4,149	4,212	4,560	4,932	5,337	5,811	6,188	7,064	7,785	8,157	8,748	9,219	9,355
39	2,963	3,080	3,452	3,799	3,893	4,070	4,171	4,453	4,854	5,149	5,670	6,114	7,048	7,500	8,152	8,591	8,881	9,445
40	2,846	3,180	3,442	3,577	3,826	3,886	3,980	4,394	4,414	4,758	5,503	6,299	7,128	7,275	7,529	8,163	9,173	8,751
41	2,822	2,878	3,316	3,574	3,747	3,818	3,867	4,053	4,384	4,806	5,176	6,153	6,460	6,858	7,458	8,002	8,831	8,576
42	2,722	2,883	3,011	3,536	3,508	3,750	3,640	4,075	4,088	4,740	5,203	5,820	6,546	6,706	6,631	7,913	8,118	7,792
43	2,576	2,737	3,000	3,249	3,360	3,626	3,488	3,615	3,935	4,537	4,840	5,731	5,845	6,424	6,992	7,368	7,943	7,638
44	2,467	2,704	2,926	3,045	3,232	3,394	3,297	3,772	3,851	4,411	4,680	5,304	5,552	6,038	6,537	7,059	7,284	7,261
45	2,454	2,489	2,760	2,948	3,110	3,166	3,148	3,689	3,724	4,207	4,754	4,947	5,035	5,998	6,214	6,688	7,176	7,191
46	2,289	2,176	2,525	2,670	2,815	2,863	3,049	3,402	3,427	3,920	4,607	4,655	5,006	5,868	5,883	5,618	6,495	6,653
47	2,189	2,241	2,245	2,541	2,623	2,717	3,096	3,099	3,414	3,464	4,083	4,204	5,126	5,506	5,662	5,761	6,357	6,584
48	2,035	2,076	2,142	2,302	2,431	2,808	2,930	2,827	3,365	3,486	3,852	4,119	4,632	5,357	5,069	5,931	6,101	6,412
49	1,958	1,903	2,163	2,171	2,443	2,731	2,777	2,586	3,107	3,397	3,578	4,020	4,525	4,971	5,228	5,421	6,143	6,641
50	1,876	1,865	2,232	2,408	2,460	2,476	2,686	2,569	3,174	2,962	3,792	3,987	4,339	5,070	5,099	5,388	5,706	5,779
51	1,753	1,708	2,192	2,438	2,255	2,558	2,626	2,507	2,979	3,033	3,450	3,925	4,247	4,761	4,971	5,191	5,742	5,739
52	1,658	1,731	2,191	2,179	2,280	2,328	2,584	2,426	2,884	2,937	3,499	3,871	4,089	4,807	4,674	5,007	5,450	5,896

Notes:

1999 - 2009 data are Hourly peaks.

\*2010 - 2016 data are instantaneous peaks.

الأحمال القصوى الأسبوعية للشبكة (نسبة مئوية من الذروة) ١٩٩٩ - ٢٠١٦

**System Weekly Electricity Peak  
(Percentage of Annual Peak) 1999 - 2016**

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	45.5%	48.9%	48.4%	51.9%	50.0%	52.4%	50.0%	48.6%	45.3%	50.1%	46.7%	50.0%	49.1%	50.9%	52.5%	49.7%	51.4%	51.5%
2	47.0%	49.4%	48.6%	52.0%	49.2%	52.1%	49.8%	46.2%	46.3%	49.5%	46.5%	49.7%	50.3%	53.8%	55.1%	51.8%	51.1%	51.7%
3	45.8%	51.5%	47.5%	49.6%	48.9%	52.4%	47.8%	49.5%	45.8%	46.4%	46.9%	51.2%	49.4%	52.5%	51.6%	49.3%	51.3%	51.4%
4	45.6%	51.5%	46.2%	45.9%	48.9%	48.4%	46.0%	47.5%	46.6%	44.8%	43.6%	50.3%	48.7%	49.8%	51.9%	49.3%	50.1%	52.3%
5	46.3%	52.0%	45.7%	46.5%	49.9%	49.2%	48.2%	48.3%	47.0%	46.4%	45.3%	51.8%	50.3%	51.9%	52.4%	51.5%	51.9%	50.2%
6	48.2%	50.4%	46.1%	46.8%	50.2%	47.1%	50.1%	54.5%	50.2%	44.9%	47.2%	50.8%	48.8%	52.5%	51.0%	55.1%	55.8%	51.0%
7	49.5%	50.8%	48.1%	48.4%	49.6%	48.6%	49.8%	56.0%	48.4%	48.3%	49.9%	52.8%	49.1%	55.6%	56.5%	51.4%	59.9%	50.4%
8	49.0%	51.9%	50.4%	49.8%	53.8%	52.1%	52.5%	53.7%	49.8%	51.0%	50.5%	58.3%	50.1%	54.0%	54.2%	53.1%	51.6%	54.8%
9	52.0%	56.4%	48.6%	55.3%	58.1%	54.4%	52.8%	50.1%	50.1%	50.9%	58.6%	53.8%	56.6%	54.3%	56.0%	54.3%	53.4%	55.2%
10	59.4%	52.9%	50.1%	51.8%	51.9%	52.7%	57.5%	53.6%	51.9%	51.5%	58.2%	56.2%	55.4%	51.4%	61.3%	57.9%	56.1%	53.9%
11	47.7%	52.5%	58.4%	52.5%	63.9%	60.5%	65.3%	55.7%	58.6%	55.7%	54.8%	62.7%	60.5%	57.6%	58.9%	64.5%	60.7%	57.3%
12	51.7%	60.0%	57.4%	62.7%	63.6%	67.7%	62.4%	60.6%	54.9%	59.7%	62.5%	66.7%	58.5%	55.3%	63.8%	61.0%	59.4%	56.4%
13	55.0%	64.6%	61.1%	65.6%	74.7%	62.7%	60.2%	59.7%	66.5%	64.3%	69.1%	65.7%	57.6%	65.8%	58.2%	59.0%	66.8%	65.3%
14	58.4%	63.0%	63.6%	74.8%	70.3%	66.9%	72.9%	67.1%	66.2%	68.9%	56.3%	68.3%	64.3%	66.2%	63.5%	67.1%	71.1%	59.7%
15	76.5%	71.5%	70.7%	67.0%	75.1%	73.8%	71.1%	65.3%	72.0%	70.5%	65.4%	72.0%	75.0%	68.5%	67.7%	69.2%	74.5%	64.5%
16	63.6%	79.8%	67.7%	67.4%	77.8%	64.3%	77.0%	74.7%	69.4%	72.1%	67.7%	74.5%	69.5%	62.9%	78.2%	76.5%	72.0%	61.8%
17	68.2%	87.7%	71.0%	78.7%	70.1%	71.9%	81.7%	81.1%	76.3%	69.8%	70.7%	77.3%	70.7%	68.9%	73.4%	79.9%	72.8%	72.7%
18	81.1%	89.1%	82.6%	81.6%	78.7%	80.0%	79.4%	83.1%	81.3%	75.8%	79.1%	84.5%	74.5%	80.6%	70.0%	81.4%	81.8%	80.0%
19	82.4%	89.6%	84.8%	86.8%	81.5%	85.3%	76.4%	85.1%	81.8%	82.9%	80.2%	81.0%	82.7%	85.7%	73.2%	80.1%	84.9%	83.7%
20	85.6%	84.8%	88.8%	87.0%	87.2%	84.3%	90.2%	84.8%	87.5%	87.4%	87.3%	86.2%	88.1%	88.1%	82.1%	86.2%	84.4%	89.4%
21	85.6%	89.0%	90.4%	90.0%	87.1%	81.2%	91.1%	90.4%	87.2%	88.4%	86.8%	89.4%	87.9%	89.9%	83.3%	87.5%	88.6%	84.7%
22	84.3%	90.1%	85.6%	90.5%	86.8%	88.7%	91.8%	92.4%	91.1%	91.6%	92.3%	92.2%	90.7%	86.6%	89.4%	95.7%	94.6%	84.5%
23	90.9%	96.9%	90.9%	92.2%	93.3%	92.8%	95.6%	94.4%	93.0%	94.3%	95.6%	92.5%	94.7%	85.8%	86.5%	92.1%	95.4%	89.4%
24	93.8%	89.8%	91.9%	93.2%	94.8%	92.5%	94.4%	94.6%	93.4%	89.8%	90.3%	96.8%	90.8%	89.4%	85.3%	97.3%	95.7%	90.8%
25	95.0%	92.2%	89.6%	94.1%	96.8%	92.5%	96.8%	95.9%	96.5%	84.4%	92.9%	97.7%	94.1%	93.3%	90.5%	90.1%	94.0%	88.9%
26	93.7%	94.6%	92.9%	92.9%	94.6%	94.6%	96.3%	98.1%	96.0%	89.8%	91.9%	92.5%	89.7%	92.2%	92.0%	95.5%	92.8%	94.4%

الأحمال القصوى الأسبوعية للشبكة (نسبة مئوية من الذروة) ١٩٩٩ - ٢٠١٦ (تابع)

**System Weekly Electricity Peak  
(Percentage of Annual Peak) 1999 - 2016 (continued)**

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
27	94.0%	96.2%	92.5%	95.7%	90.8%	93.6%	90.0%	94.2%	95.7%	94.1%	95.9%	96.0%	91.8%	94.1%	94.2%	94.9%	95.6%	92.8%
28	92.0%	97.8%	91.6%	95.0%	97.2%	97.4%	98.7%	96.3%	90.8%	93.5%	91.8%	100.0%	96.7%	95.2%	100.0%	99.2%	97.0%	96.5%
29	95.1%	99.2%	95.6%	96.1%	99.0%	100.0%	95.8%	98.0%	92.8%	97.4%	93.2%	99.9%	97.1%	98.7%	99.1%	98.2%	95.0%	96.7%
30	95.6%	96.3%	96.3%	96.7%	97.2%	98.1%	98.9%	98.5%	96.3%	96.7%	95.1%	96.7%	94.9%	97.2%	100.0%	100.0%	99.3%	100.0%
31	92.8%	96.9%	97.9%	96.0%	97.4%	98.5%	100.0%	99.3%	96.5%	97.5%	96.4%	96.8%	98.1%	99.2%	97.3%	97.7%	94.5%	97.8%
32	95.4%	96.5%	96.6%	97.0%	97.1%	95.1%	98.4%	98.0%	96.9%	99.7%	94.5%	98.6%	99.5%	100.0%	94.6%	99.4%	95.9%	96.5%
33	97.6%	97.7%	96.2%	97.5%	98.7%	99.3%	97.5%	100.0%	97.4%	98.8%	96.5%	97.7%	100.0%	97.3%	98.7%	98.9%	93.0%	97.1%
34	98.2%	99.7%	96.6%	97.0%	99.8%	99.7%	99.5%	100.0%	97.7%	98.6%	100.0%	96.9%	95.4%	96.5%	97.8%	99.0%	97.9%	95.1%
35	96.9%	100.0%	95.9%	98.5%	97.9%	99.6%	99.1%	99.6%	98.3%	98.5%	98.7%	97.9%	97.2%	95.1%	96.8%	95.7%	100.0%	97.5%
36	96.9%	94.7%	100.0%	100.0%	99.6%	98.4%	97.9%	100.0%	100.0%	100.0%	97.5%	96.9%	95.6%	98.2%	98.6%	96.5%	91.4%	96.9%
37	100.0%	99.1%	98.8%	96.8%	100.0%	96.8%	99.4%	97.3%	97.0%	96.9%	97.0%	93.9%	95.1%	99.0%	97.7%	99.7%	91.0%	88.5%
38	96.4%	96.1%	96.7%	91.7%	97.0%	96.4%	94.9%	95.5%	93.7%	95.8%	93.8%	89.9%	91.9%	94.0%	94.9%	97.4%	90.6%	88.9%
39	95.5%	93.2%	92.7%	94.8%	94.6%	94.6%	94.0%	93.3%	92.3%	92.5%	91.5%	88.8%	91.7%	90.6%	94.8%	95.6%	87.3%	89.8%
40	91.7%	96.2%	92.5%	89.2%	93.0%	90.3%	89.7%	92.1%	83.9%	85.4%	88.8%	91.5%	92.8%	87.9%	87.6%	90.9%	90.2%	83.2%
41	90.9%	87.1%	89.1%	89.2%	91.0%	88.7%	87.1%	84.9%	83.3%	86.0%	83.5%	89.4%	84.1%	82.8%	86.7%	89.1%	86.8%	81.5%
42	87.7%	87.3%	80.9%	88.2%	85.2%	87.2%	82.0%	85.4%	77.7%	84.9%	84.0%	84.5%	85.2%	81.0%	77.1%	88.1%	79.8%	74.1%
43	83.0%	82.8%	80.6%	81.1%	81.6%	84.3%	78.6%	75.7%	74.8%	81.2%	78.1%	83.2%	76.1%	77.6%	81.3%	82.0%	78.1%	72.6%
44	79.5%	81.8%	78.6%	76.0%	78.5%	78.9%	74.3%	79.0%	73.2%	79.0%	75.5%	77.0%	72.3%	72.9%	76.0%	78.6%	71.6%	69.0%
45	79.1%	75.3%	74.1%	73.6%	75.6%	73.6%	70.9%	77.3%	70.8%	75.3%	76.7%	71.9%	65.5%	72.5%	72.3%	74.5%	70.5%	68.4%
46	73.7%	65.9%	67.8%	66.6%	68.4%	66.6%	68.7%	71.3%	65.1%	70.2%	74.3%	67.6%	65.2%	70.9%	68.4%	62.5%	63.9%	63.3%
47	70.5%	67.8%	60.3%	63.4%	63.7%	63.2%	69.7%	64.9%	64.9%	62.0%	65.9%	61.1%	66.7%	66.5%	65.8%	64.1%	62.5%	62.6%
48	65.6%	62.8%	57.5%	57.4%	59.1%	65.3%	66.0%	59.2%	64.0%	62.4%	62.2%	59.8%	60.3%	64.7%	58.9%	66.0%	60.0%	61.0%
49	63.1%	57.6%	58.1%	54.2%	59.4%	63.5%	62.6%	54.2%	59.1%	60.8%	57.7%	58.4%	58.9%	60.1%	60.8%	60.3%	60.4%	63.1%
50	60.4%	56.4%	60.0%	60.1%	59.8%	57.6%	60.5%	53.8%	60.3%	53.0%	61.2%	57.9%	56.5%	61.2%	59.3%	60.0%	56.1%	54.9%
51	56.5%	51.7%	58.9%	60.8%	54.8%	59.5%	59.2%	52.5%	56.6%	54.3%	55.7%	57.0%	55.3%	57.5%	57.8%	57.8%	56.4%	54.6%
52	53.4%	52.4%	58.9%	54.4%	55.4%	54.1%	58.2%	50.8%	54.8%	52.6%	56.5%	56.2%	53.2%	58.1%	54.4%	55.7%	53.6%	56.1%



# Water Statistics إحصائيات الماء

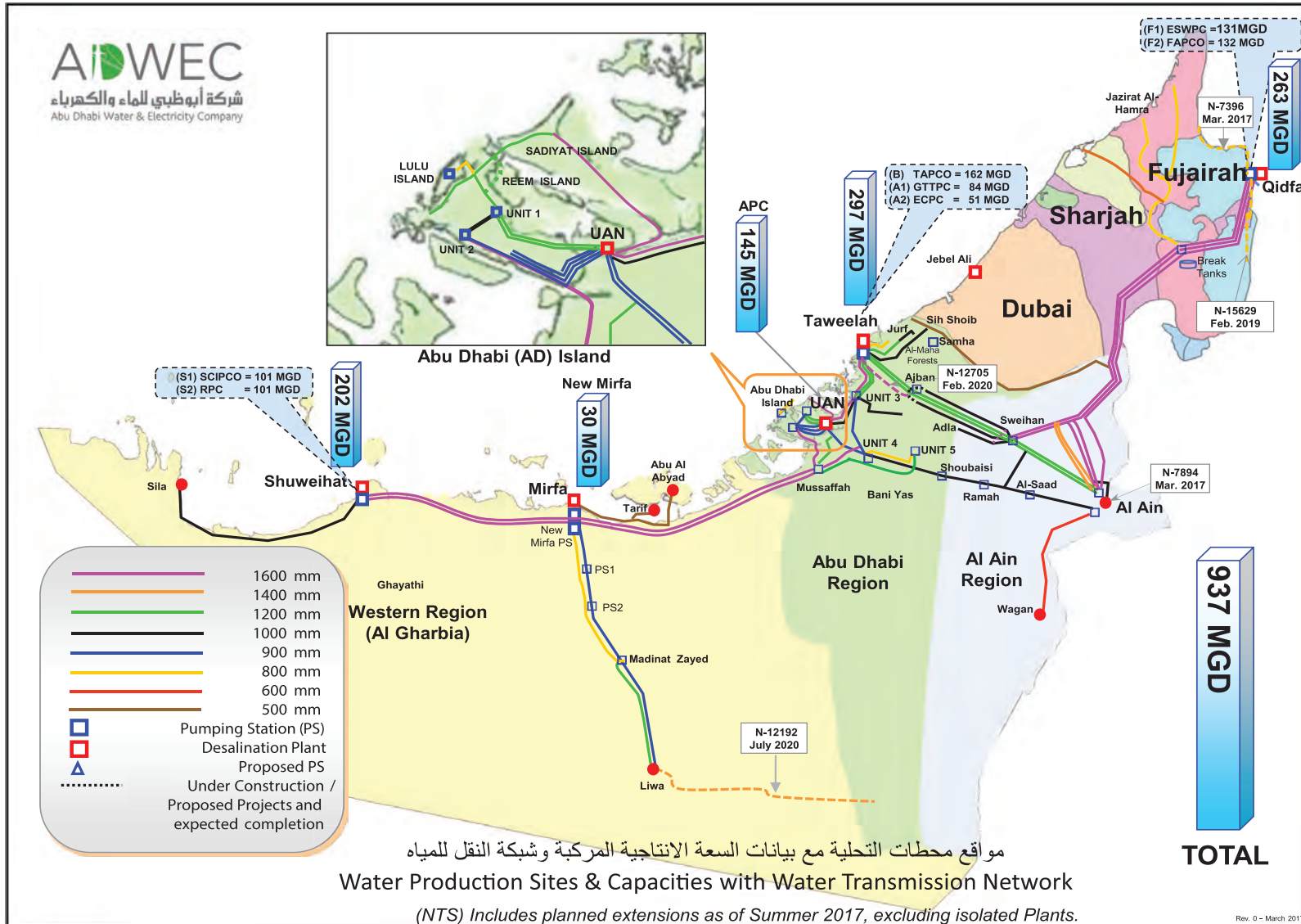


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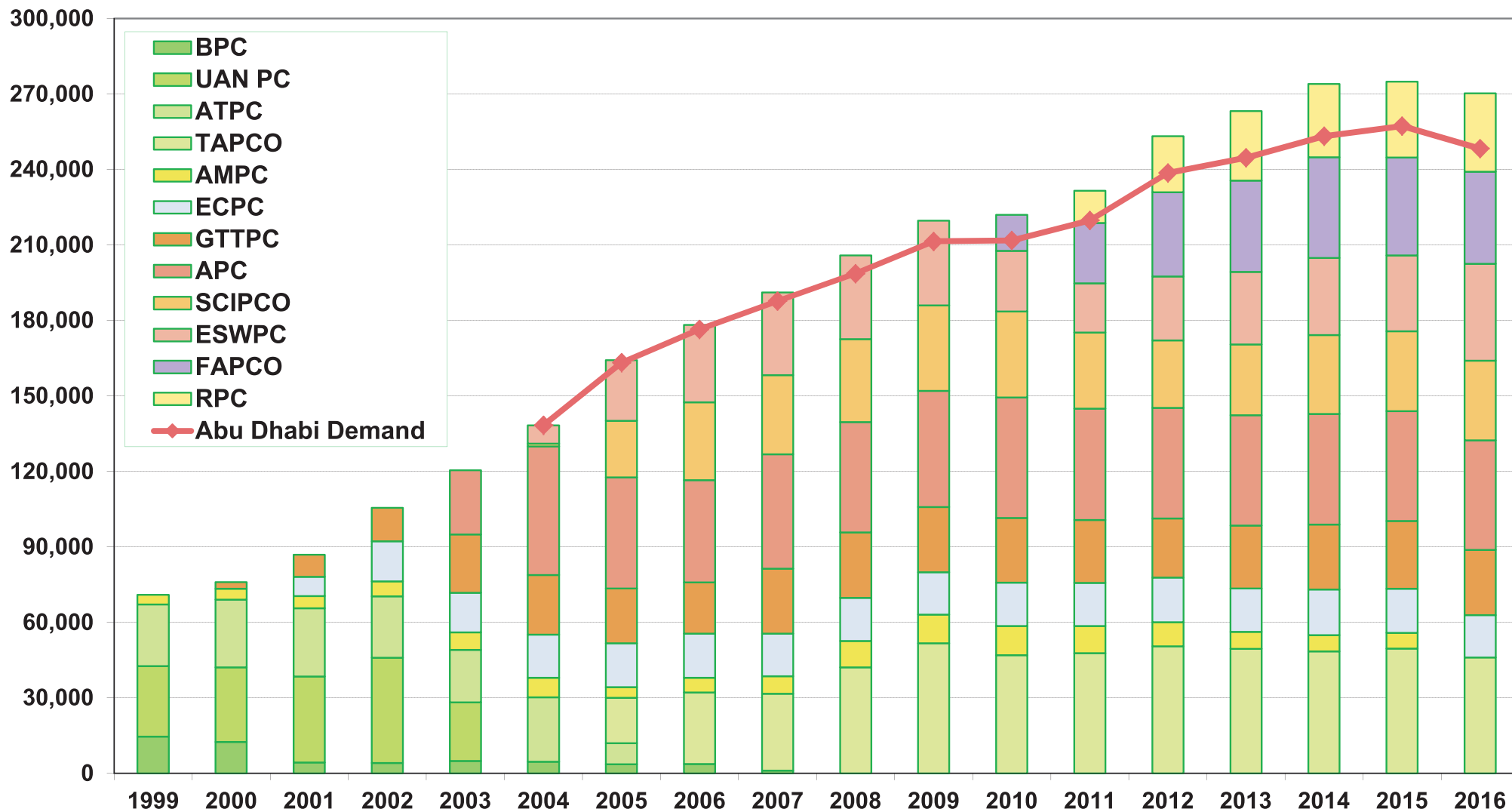
# شبكة الماء حتى صيف ٢٠١٧

## Water System Network (Summer 2017)



## الانتاج السنوي للماء حسب الشركة (مليون جالون)

### Water Annual Production by Company (MG)



\* For system demand, only the export to Abu Dhabi from ESWPC is considered.

الإنتاج السنوي حسب المحطات (مليون جالون) ١٩٩٩ - ٢٠١٦  
Annual Water Production by Station (MG) 1999 - 2016

Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Station</b>																		
Abu Dhabi Steam Turbines	5,157.32	4,999.77	4,285.25	4,119.42	4,872.54	4,610.38	3,590.28	3,675.06	1,095.20									
Taweelah A	9,429.42	7,432.09																
<b>BPC Total</b>	<b>14,586.74</b>	<b>12,431.86</b>	<b>4,285.25</b>	<b>4,119.42</b>	<b>4,872.54</b>	<b>4,610.38</b>	<b>3,590.28</b>	<b>3,675.06</b>	<b>1,095.20</b>									
Umm Al Nar East	12,350.92	12,723.89	14,111.63	10,787.37	4,816.91													
Umm Al Nar West	15,686.23	16,945.50	20,051.82	31,013.25	18,518.67													
<b>UAN PC Total</b>	<b>28,037.15</b>	<b>29,669.40</b>	<b>34,163.45</b>	<b>41,800.62</b>	<b>23,335.58</b>													
Taweelah B	24,522.81	24,663.13	24,024.57	20,726.81	19,531.42	20,107.03	6,209.78											
Taweelah B2 Extension		2,259.18	3,097.59	3,645.83	1,315.69	5,479.18	2,185.83											
<b>ATPC Total</b>	<b>24,522.81</b>	<b>26,922.31</b>	<b>27,122.16</b>	<b>24,372.64</b>	<b>20,847.11</b>	<b>25,586.21</b>	<b>8,395.61</b>											
Taweelah B							13,114.11	22,343.34	23,868.42	23,629.92	22,802.83	18,539.60	19,743.45	22,019.22	21,344.66	21,863.61	21,854.28	18,033.98
Taweelah B2 Extension							4,868.29	6,127.12	6,644.26	5,494.38	6,965.35	6,409.88	7,121.70	7,166.63	6,336.38	6,732.61	6,346.59	6,457.29
Taweelah New Extension										12,965.35	21,888.08	22,045.10	20,894.77	21,308.38	21,767.55	19,882.27	21,381.43	21,588.27
<b>TAPCO Total</b>							<b>17,982.39</b>	<b>28,470.46</b>	<b>30,512.68</b>	<b>42,089.66</b>	<b>51,656.26</b>	<b>46,994.58</b>	<b>47,759.92</b>	<b>50,494.22</b>	<b>49,448.59</b>	<b>48,478.48</b>	<b>49,582.30</b>	<b>46,079.54</b>
Al Mirfa	3,770.51	4,333.05	4,910.29	5,995.54	6,926.40	7,771.53	4,266.96	5,792.31	7,006.35	10,534.69	11,421.35	11,553.29	10,731.70	9,564.68	6,765.41	6,425.11	6,201.58	
<b>AMPC Total</b>	<b>3,770.51</b>	<b>4,333.05</b>	<b>4,910.29</b>	<b>5,995.54</b>	<b>6,926.40</b>	<b>7,771.53</b>	<b>4,266.96</b>	<b>5,792.31</b>	<b>7,006.35</b>	<b>10,534.69</b>	<b>11,421.35</b>	<b>11,553.29</b>	<b>10,731.70</b>	<b>9,564.68</b>	<b>6,765.41</b>	<b>6,425.11</b>	<b>6,201.58</b>	

الإنتاج السنوي حسب المحطات (مليون جالون) ١٩٩٩ - ٢٠١٦ (تابع)

Annual Water Production by Station (MG) 1999 - 2016 (continued)

Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Station</b>																		
Taweelah A2			7,639.00	15,895.18	15,743.29	17,190.27	17,400.50	17,566.13	16,867.64	17,090.05	16,815.73	17,211.97	17,223.48	17,699.65	17,248.93	18,164.01	17,564.10	16,745.66
<b>ECPC Total</b>			7,639.00	15,895.18	15,743.29	17,190.27	17,400.50	17,566.13	16,867.64	17,090.05	16,815.73	17,211.97	17,223.48	17,699.65	17,248.93	18,164.01	17,564.10	16,745.66
Taweelah A1		2,658.06	8,775.99	13,376.66	23,257.08	23,663.96	21,839.60	20,374.40	25,830.97	26,017.29	25,940.36	25,775.74	24,940.96	23,505.17	24,994.17	25,806.92	26,968.57	25,974.39
<b>GTPPC Total</b>		2,658.06	8,775.99	13,376.66	23,257.08	23,663.96	21,839.60	20,374.40	25,830.97	26,017.29	25,940.36	25,775.74	24,940.96	23,505.17	24,994.17	25,806.92	26,968.57	25,974.39
Shuweihat S1						1,082.41	22,486.57	30,949.15	31,492.25	32,988.86	33,969.23	34,193.86	30,239.02	26,893.98	28,121.46	31,370.99	31,725.49	31,587.02
<b>SCIPCO Total</b>						1,082.41	22,486.57	30,949.15	31,492.25	32,988.86	33,969.23	34,193.86	30,239.02	26,893.98	28,121.46	31,370.99	31,725.49	31,587.02
Shuweihat S2													12,775.54	22,216.31	27,586.69	29,084.53	30,160.31	31,113.40
<b>RPC Total</b>													12,775.54	22,216.31	27,586.69	29,084.53	30,160.31	31,113.40
Umm Al Nar East					6,034.56	13,060.19	11,082.05	10,987.96	7,694.90	5,814.47	6,099.32	6,029.12	6,308.46	5,765.11	6,247.26	5,598.64	5,653.62	5,639.67
Umm Al Nar West					19,398.43	38,066.04	33,055.14	27,747.53	10,702.30	7,788.83	9,456.98	10,907.91	7,506.63	8,690.64	7,612.84	8,451.59	7,780.82	6,754.25
Sas Al Nakhl								1,932.33	27,048.63	30,241.48	30,595.29	30,894.32	30,496.73	29,490.99	30,023.14	29,858.11	30,181.20	31,166.40
<b>APC Total</b>					25,432.99	51,126.23	44,137.19	40,667.82	45,445.83	43,844.78	46,151.59	47,831.36	44,311.82	43,946.74	43,883.24	43,908.34	43,615.64	43,560.32
<b>ADWEA SYSTEM Total</b>	70,917.21	76,014.68	86,896.14	105,560.06	120,414.97	131,030.99	140,099.11	147,495.33	158,250.92	172,565.33	185,954.52	183,560.80	187,982.44	194,320.75	198,048.49	203,238.37	205,818.00	195,060.33
Fujairah IWPP(s) Exports to Abu Dhabi						7,293.02	23,140.68	28,961.78	29,452.44	26,082.96	25,493.44	28,232.49	31,806.28	44,283.84	46,619.41	50,026.00	51,443.59	53,243.43
<b>Abu Dhabi Production + Imports</b>						138,324.01	163,239.79	176,457.12	187,703.35	198,648.29	211,447.96	211,793.29	219,788.71	238,604.59	244,667.90	253,264.37	257,261.59	248,303.76
Fujairah F1 IWPP Production						7,293.02	24,118.86	30,763.05	32,851.00	33,278.13	33,685.23	24,122.31	19,584.48	25,331.21	28,864.29	30,676.24	30,164.60	38,538.75
Fujairah F2 IWPP Production												14,264.02	23,971.39	33,538.21	36,289.19	40,045.55	38,892.73	36,642.12
<b>Global Production</b>						138,324.01	164,217.97	178,258.39	191,101.92	205,843.46	219,639.74	221,947.12	231,538.31	253,190.17	263,201.97	273,960.17	274,875.33	270,241.20

Note:

- UANPC converted to Arabian Power Company (APC) IWPP.
- ATPC converted to TAPCO IWPP.
- UWEC became and ADWEA-owned plant in 2005 called ESWPC (Fujairah F1).

الإنتاج السنوي للماء حسب المناطق (مليون جالون)  
**Annual Water Production by Region (MG)**

Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Abu Dhabi Region	67,147	71,682	81,986	99,565	113,489	122,177	113,346	110,754	119,752	129,042	140,564	137,814	134,236	135,646	135,575	136,358	137,731	132,360
Western Region	3,771	4,333	4,910	5,996	6,926	8,854	26,754	36,741	38,499	43,524	45,391	45,747	53,746	58,675	62,474	66,881	68,087	62,700
Fujairah IWPP(s) Exports to Abu Dhabi						7,293	23,141	28,962	29,452	26,083	25,493	28,232	31,806	44,284	46,619	50,026	51,444	53,243
Abu Dhabi Production + Imports	70,917	76,015	86,896	105,560	120,415	138,324	163,240	176,457	187,703	198,648	211,448	211,793	219,789	238,605	244,668	253,264	257,262	248,304
Exports to Al Ain	11,354	12,956	16,445	22,836	26,284	33,729	45,343	53,025	55,706	55,798	56,081	55,204	57,360	63,334	65,153	67,958	68,949	64,882
Fujairah IWPP(s) Production						7,293	24,119	30,763	32,851	33,278	33,685	38,386	43,556	58,869	65,153	70,722	69,057	75,181
Global Production						138,324	164,218	178,258	191,102	205,843	219,640	221,947	231,538	253,190	263,202	273,960	274,875	270,241

معدل الإنتاج اليومي للماء سنويا حسب المناطق (مليون جالون/ يوم)  
**Annual Average Daily Water Production by Region (MGD)**

Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Abu Dhabi Region	184	196	225	273	311	334	311	303	328	353	385	378	368	371	371	374	377	362
Western Region	10	12	13	16	19	24	73	101	105	119	124	125	147	160	171	183	187	171
Fujairah IWPP(s) Exports to Abu Dhabi						20	63	79	81	71	70	77	87	121	128	137	141	145
Abu Dhabi Production + Imports	194	208	238	289	330	378	447	483	514	543	579	580	602	652	670	694	705	680
Exports to Al Ain	28	35	45	63	72	92	124	145	153	152	154	151	157	173	179	186	189	177
Fujairah IWPP(s) Production						20	66	84	90	91	92	105	119	161	179	194	189	205
Global Production						378	450	488	524	562	602	608	634	692	721	751	753	738

الإنتاج الشهري للماء حسب المناطق (مليون جالون) - ٢٠١٢ - ٢٠١٤

Monthly Water Production by Region (MG) 2012 - 2014

2012													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi Region	10,792.87	9,662.94	11,108.77	11,020.10	12,005.85	11,875.16	12,147.09	11,898.39	11,497.57	11,718.50	11,189.90	10,728.62	135,645.77
Western Region	4,439.22	4,240.61	4,449.86	4,507.54	4,979.23	4,857.04	5,281.73	5,361.86	5,217.68	5,370.71	4,960.88	5,008.60	58,674.97
Fujairah IWPP(s) Exports to Abu Dhabi	2,921.56	3,142.20	3,462.38	3,426.27	3,945.83	3,769.69	4,092.50	4,187.44	4,165.09	3,874.71	3,656.50	3,639.67	44,283.84
Abu Dhabi Production + Imports	18,153.65	17,045.75	19,021.01	18,953.91	20,930.91	20,501.89	21,521.33	21,447.69	20,880.34	20,963.93	19,807.28	19,376.89	238,604.59
Exports to Al Ain	4,928.09	4,610.22	5,152.28	5,012.88	5,552.21	5,306.44	5,638.56	5,599.21	5,572.45	5,510.92	5,371.63	5,078.84	63,333.73
Fujairah IWPP(s) Production	3,883.83	4,113.68	4,687.92	4,614.19	5,269.43	5,089.90	5,492.75	5,539.31	5,407.99	5,146.26	4,790.04	4,834.14	58,869.43
Global Production	19,115.92	18,017.23	20,246.56	20,141.83	22,254.51	21,822.10	22,921.58	22,799.56	22,123.24	22,235.48	20,940.82	20,571.35	253,190.17
2013													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi Region	10,575.08	9,640.88	11,111.40	11,206.73	11,895.34	11,743.87	12,102.90	12,125.98	11,807.66	11,913.98	10,591.63	10,859.49	135,574.93
Western Region	4,868.05	4,640.59	5,008.96	5,026.77	5,334.38	5,261.99	5,514.41	5,542.46	5,444.55	5,372.25	5,175.90	5,283.27	62,473.56
Fujairah IWPP(s) Exports to Abu Dhabi	3,802.33	3,247.15	3,563.88	3,461.27	3,663.58	3,741.66	4,339.82	4,445.03	4,466.85	4,154.10	3,924.10	3,809.64	46,619.41
Abu Dhabi Production + Imports	19,245.45	17,528.62	19,684.24	19,694.77	20,893.30	20,747.52	21,957.12	22,113.47	21,719.06	21,440.33	19,691.63	19,952.40	244,667.90
Exports to Al Ain	5,100.28	4,642.13	5,347.44	5,246.00	5,574.80	5,483.73	5,759.25	5,845.57	5,683.70	5,801.85	5,251.81	5,386.52	65,123.08
Fujairah IWPP(s) Production	4,999.93	4,377.68	4,994.24	5,020.30	5,294.32	5,315.97	6,100.01	6,168.28	6,219.41	5,777.26	5,471.10	5,414.98	65,153.48
Global Production	20,443.05	18,659.15	21,114.59	21,253.80	22,524.04	22,321.83	23,717.31	23,836.72	23,471.62	23,063.49	21,238.63	21,557.74	263,201.97
2014													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi Region	10,151.48	9,612.17	10,774.75	11,130.57	12,067.98	11,833.87	12,229.49	12,426.96	11,916.64	12,192.55	11,193.52	10,827.77	136,357.75
Western Region	5,062.78	4,663.87	5,346.52	5,261.27	5,777.52	5,634.77	5,631.33	5,945.02	5,819.03	5,996.92	5,917.29	5,824.30	66,880.63
Fujairah IWPP(s) Exports to Abu Dhabi	3,868.75	3,341.00	3,909.89	3,801.67	4,184.90	4,479.06	4,684.97	4,534.42	4,404.82	4,235.30	4,274.15	4,307.07	50,026.00
Abu Dhabi Production + Imports	19,083.00	17,617.04	20,031.16	20,193.51	22,030.40	21,947.70	22,545.80	22,906.40	22,140.49	22,424.77	21,384.95	20,959.15	253,264.37
Exports to Al Ain	5,095.75	4,746.30	5,298.82	5,459.72	5,838.42	5,839.94	6,037.03	6,044.19	5,793.96	6,004.86	5,889.18	5,909.77	67,957.94
Fujairah IWPP(s) Production	5,416.29	4,779.37	5,604.49	5,547.17	5,719.73	6,317.97	6,593.33	6,467.10	6,184.77	6,080.81	5,957.47	6,053.30	70,721.79
Global Production	20,630.54	19,055.41	21,725.76	21,939.01	23,565.23	23,786.61	24,454.16	24,839.08	23,920.44	24,270.28	23,068.28	22,705.37	273,960.17

الإنتاج الشهري للماء حسب المناطق (مليون جالون) - ٢٠١٥ - ٢٠١٦

Monthly Water Production by Region (MG) 2015 - 2016

2015													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi Region	10,408.38	10,335.71	11,186.78	11,384.17	12,628.48	11,950.17	12,197.13	12,056.87	11,718.38	11,964.74	11,061.30	10,838.52	137,730.61
Western Region	5,397.55	5,146.91	5,743.32	5,639.71	5,959.85	6,000.39	6,297.39	6,482.93	6,093.69	5,352.32	4,974.85	4,998.46	68,087.39
Fujairah IWPP(s) Exports to Abu Dhabi	3,891.09	3,084.45	4,119.00	3,922.94	3,810.35	4,742.91	4,902.98	4,891.36	4,607.15	4,810.06	4,675.97	3,985.33	51,443.59
Abu Dhabi Production + Imports	19,697.01	18,567.07	21,049.10	20,946.82	22,398.68	22,693.47	23,397.51	23,431.16	22,419.22	22,127.12	20,712.12	19,822.32	257,261.59
Exports to Al Ain	5,366.70	4,983.33	5,651.48	5,597.78	5,817.04	6,225.34	6,451.47	6,374.32	6,062.35	6,080.93	5,362.99	4,975.64	68,949.37
Fujairah IWPP(s) Production	5,459.66	4,362.38	5,668.15	5,486.78	5,373.27	6,404.16	6,648.27	6,670.57	6,362.32	6,160.91	5,789.82	4,671.04	69,057.33
Global Production	21,265.58	19,845.01	22,598.25	22,510.66	23,961.60	24,354.71	25,142.79	25,210.37	24,174.39	23,477.97	21,825.97	20,508.03	274,875.33
2016													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi Region	10,263.23	9,428.92	9,988.44	10,797.21	11,759.78	11,584.03	11,932.36	12,200.01	11,467.50	11,759.97	10,717.92	10,460.54	132,359.90
Western Region	5,190.55	4,969.34	5,272.68	4,905.03	5,322.92	5,265.77	5,352.99	5,520.95	5,303.50	5,506.27	5,076.12	5,014.30	62,700.42
Fujairah IWPP(s) Exports to Abu Dhabi	3,671.73	3,681.50	3,561.34	4,068.82	4,817.26	4,805.89	5,191.57	5,282.15	4,903.70	4,694.69	4,370.86	4,193.92	53,243.43
Abu Dhabi Production + Imports	19,125.51	18,079.76	18,822.46	19,771.06	21,899.95	21,655.69	22,476.92	23,003.12	21,674.71	21,960.92	20,164.91	19,668.75	248,303.76
Exports to Al Ain	4,681.00	4,584.03	4,663.10	5,203.38	5,838.89	5,848.75	6,069.68	6,145.77	5,708.79	5,765.84	5,279.05	5,093.61	64,881.89
Fujairah IWPP(s) Production	5,148.82	5,171.32	5,068.73	6,107.80	6,616.75	6,816.00	7,255.44	7,375.84	6,872.23	6,636.47	6,136.93	5,974.53	75,180.87
Global Production	20,602.60	19,569.58	20,329.85	21,810.03	23,699.44	23,665.80	24,540.80	25,096.81	23,643.24	23,902.70	21,930.98	21,449.36	270,241.20

## كميات الماء المصدرة سنويا حسب الشركات (مليون جالون) ١٩٩٩ - ٢٠١٦

### Annual Water Supply by Company (MG) 1999 - 2016

Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Station</b>																		
BPC	14,044	12,247	4,232	4,075	4,812	4,559	3,548	3,627	1,063									
UAN PC	27,452	29,324	33,748	41,218	22,928													
ATPC	23,336	26,547	26,874	24,139	20,595	25,338	8,298											
TAPCO							17,787	28,115	30,071	41,583	51,071	46,382	47,142	49,912	48,831	48,478	49,582	46,080
AMPC	3,602	4,156	4,710	5,837	6,802	7,694	4,140	5,607	6,844	10,309	11,185	11,221	10,374	9,187	6,496	6,425	6,202	
ECPC			7,639	15,892	15,742	17,188	17,399	17,565	16,866	17,088	16,813	17,210	17,208	17,683	17,103	18,164	17,564	16,746
GTPPC		2,599	8,558	13,184	23,219	23,647	21,832	20,363	25,819	26,006	25,909	25,710	24,888	23,454	24,941	25,807	26,969	25,974
SCIPCO						1,082	21,896	30,715	31,226	32,761	33,672	34,208	29,938	26,543	27,690	31,371	31,725	31,587
RPC													9,096	21,857	26,977	29,085	30,160	31,113
APC					25,063	50,373	43,417	40,058				47,220	43,594	43,105	43,040	43,908	43,616	43,560
<b>ADWEA System Total</b>	<b>68,434</b>	<b>74,874</b>	<b>85,762</b>	<b>104,346</b>	<b>119,160</b>	<b>129,881</b>	<b>138,316</b>	<b>146,050</b>	<b>111,890</b>	<b>127,745</b>	<b>138,650</b>	<b>181,951</b>	<b>182,240</b>	<b>191,741</b>	<b>195,078</b>	<b>203,238</b>	<b>205,818</b>	<b>195,060</b>
<b>Fujairah IWPP(s) Exports to Abu Dhabi</b>						7,293	23,141	28,962	29,452	26,083	25,493	28,232	31,806	44,284	46,619	50,056	51,444	53,243
<b>Abu Dhabi Supply + Imports</b>	<b>68,434</b>	<b>74,874</b>	<b>85,762</b>	<b>104,346</b>	<b>119,160</b>	<b>137,174</b>	<b>161,456</b>	<b>175,011</b>	<b>141,342</b>	<b>153,828</b>	<b>164,143</b>	<b>210,183</b>	<b>214,046</b>	<b>236,025</b>	<b>241,697</b>	<b>253,264</b>	<b>257,261</b>	<b>248,304</b>
<b>Export to Al Ain</b>	<b>11,354</b>	<b>12,956</b>	<b>16,445</b>	<b>22,836</b>	<b>26,284</b>	<b>33,729</b>	<b>45,343</b>	<b>53,025</b>	<b>55,706</b>	<b>55,798</b>	<b>56,081</b>	<b>55,204</b>	<b>57,360</b>	<b>63,334</b>	<b>65,123</b>	<b>67,958</b>	<b>68,949</b>	<b>64,882</b>
<b>Fujairah F1 IWPP Supply</b>						7,293	23,701	30,423	32,834	33,265	33,665	23,838	19,339	25,024	28,612	30,676	30,165	36,642
<b>Fujairah F2 IWPP Supply</b>												13,797	23,647	33,083	35,921	40,046	38,893	38,539
<b>Global Supply</b>						137,174	162,016	176,472	189,601	204,279	217,833	219,585	225,225	249,848	259,611	273,960	274,875	270,241

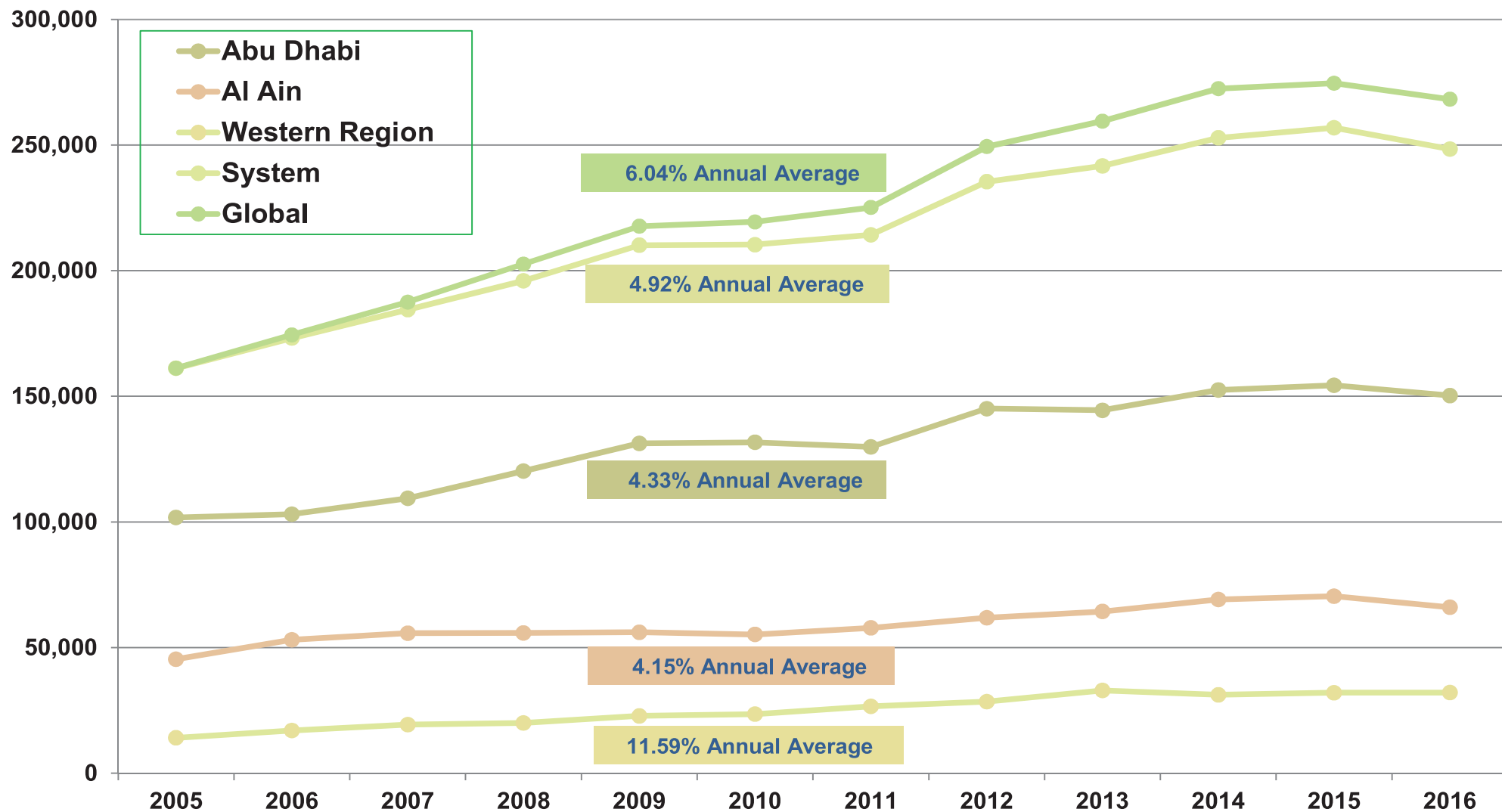
كميات الماء المصدرة سنويا حسب المناطق (مليون جالون) ٢٠٠٥ - ٢٠١٦

**Annual Water Supply by Region (MG) 2005 - 2016**

Year	Abu Dhabi	Al Ain	Western Region	System	Exports to NE	Global
2005	101,768	45,343	14,097	161,208		161,208
2006	103,104	53,120	16,964	173,188	1,273	174,461
2007	109,425	55,706	19,357	184,488	2,995	187,483
2008	120,229	55,798	19,958	195,984	6,642	202,626
2009	131,238	56,081	22,801	210,121	7,559	217,680
2010	131,690	55,204	23,478	210,373	9,050	219,423
2011	129,869	57,831	26,569	214,269	10,881	225,150
2012	145,095	61,859	28,471	235,424	13,960	249,385
2013	144,440	64,340	32,901	241,681	17,846	259,526
2014	152,523	69,167	31,180	252,870	19,599	272,468
2015	154,381	70,440	32,042	256,863	17,736	274,599
2016	150,284	66,026	32,067	248,378	19,863	268,240

كميات الماء المصدرة سنويا حسب المناطق (مليون جالون) ٢٠١٦ - ٢٠٠٥

### Annual Water Supply by Region (MG) 2005 - 2016



كميات الماء المصدرة شهريا من شركات الإنتاج (مليون جالون) ٢٠١٢ - ٢٠١٣

Monthly Water Supply by Company (MG) 2012 - 2013

2012													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
TAPCO	3,950.61	3,566.18	4,190.98	4,122.41	4,468.47	4,305.46	4,387.47	4,191.02	4,081.69	4,330.11	4,238.82	4,078.98	49,912.19
AMPC	851.05	755.28	807.70	725.82	894.57	897.99	800.27	734.11	768.96	654.42	716.96	579.64	9,186.76
ECPC	1,430.81	1,251.35	1,271.64	1,523.51	1,563.03	1,489.21	1,551.38	1,546.59	1,510.63	1,530.62	1,503.61	1,510.36	17,682.73
GTTPC	1,845.70	1,686.28	1,974.17	2,041.24	2,184.55	2,172.01	2,052.86	2,139.63	1,983.95	1,919.12	1,871.00	1,583.42	23,453.93
SCIPCO	2,448.40	1,860.11	1,769.46	1,807.45	2,390.61	2,169.60	2,412.13	2,418.53	2,356.23	2,397.51	2,224.09	2,289.16	26,543.26
APC	1,051.74	1,536.36	1,744.55	1,905.50	1,612.04	1,713.81	2,003.01	2,132.85	2,002.06	2,210.86	1,921.48	2,022.28	21,856.57
RPC	3,449.17	3,059.31	3,561.84	3,225.64	3,651.75	3,776.65	4,022.81	3,882.19	3,788.95	3,809.04	3,445.48	3,432.43	43,105.25
Fujairah Export to Abu Dhabi	2,921.56	3,142.20	3,462.38	3,426.27	3,945.83	3,769.69	4,092.50	4,187.44	4,165.09	3,874.71	3,656.50	3,639.67	44,283.84
ADWEA SYSTEM Supply + Imports	17,949.03	16,857.07	18,782.71	18,777.86	20,710.85	20,294.41	21,322.43	21,232.35	20,657.56	20,726.37	19,577.94	19,135.93	236,024.52
Exports to Al Ain	4,928.09	4,610.22	5,152.28	5,012.88	5,552.21	5,306.44	5,638.56	5,599.21	5,572.45	5,510.92	5,371.63	5,078.84	63,333.73
Fujairah1 Supply	1,854.74	2,012.35	2,120.36	2,141.99	2,268.84	2,029.37	2,185.35	2,379.25	2,194.69	1,821.04	2,012.43	2,003.74	25,024.15
Fujairah2 Supply	1,975.79	2,060.95	2,509.16	2,400.43	2,939.03	3,001.44	3,226.32	3,085.24	3,142.08	3,259.02	2,724.95	2,758.68	33,083.10
Global Supply	18,858.00	17,788.17	19,949.85	19,894.01	21,972.89	21,555.54	22,641.60	22,509.40	21,829.24	21,931.73	20,658.82	20,258.69	249,847.93

2013													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
TAPCO	4,165.69	3,642.29	4,020.88	4,167.02	4,309.54	4,093.38	4,164.47	4,088.36	4,108.13	4,220.54	3,846.71	4,004.15	48,831.15
AMPC	518.67	564.50	660.50	718.99	736.62	696.07	741.45	527.93	501.05	307.92	248.10	274.65	6,496.45
ECPC	1,242.38	1,110.03	1,506.78	1,510.12	1,539.47	1,532.22	1,581.05	1,551.41	1,517.97	1,553.74	1,244.76	1,212.78	17,102.70
GTTPC	1,711.90	1,695.05	1,981.65	1,946.30	2,285.58	2,183.72	2,312.19	2,390.12	2,288.93	2,175.92	1,898.17	2,071.00	24,940.52
SCIPCO	2,032.77	2,057.12	2,293.67	2,135.80	2,236.30	2,374.39	2,433.43	2,430.65	2,351.12	2,482.04	2,383.84	2,478.64	27,689.79
RPC	2,220.79	1,924.82	1,947.52	2,085.78	2,224.84	2,090.09	2,235.81	2,458.90	2,481.33	2,462.65	2,427.79	2,416.52	26,976.83
APC	3,334.64	3,081.54	3,471.44	3,454.25	3,624.95	3,796.08	3,891.45	3,916.74	3,742.62	3,825.35	3,459.05	3,442.35	43,040.48
Fujairah Export to Abu Dhabi	3,802.33	3,247.15	3,563.88	3,461.27	3,663.58	3,741.66	4,339.82	4,445.03	4,466.85	4,154.10	3,924.10	3,809.64	46,619.41
ADWEA SYSTEM Supply + Imports	19,029.16	17,322.51	19,446.32	19,479.53	20,620.88	20,507.61	21,699.67	21,809.14	21,458.00	21,182.26	19,432.50	19,709.73	241,697.33
Exports to Al Ain	5,100.28	4,642.13	5,347.44	5,246.00	5,574.80	5,483.73	5,759.25	5,845.57	5,683.70	5,801.85	5,251.81	5,386.52	65,123.08
Fujairah1 Supply	2,019.02	2,069.92	1,964.61	2,135.79	2,234.14	2,441.19	2,653.51	2,737.56	2,790.76	2,659.26	2,417.06	2,488.97	28,611.80
Fujairah2 Supply	2,915.63	2,241.10	2,981.58	2,818.75	3,011.64	2,835.28	3,411.74	3,390.58	3,389.49	3,059.32	2,997.53	2,868.65	35,921.30
Global Supply	20,161.49	18,386.38	20,828.63	20,972.81	22,203.08	22,042.42	23,425.10	23,492.25	23,171.40	22,746.74	20,923.00	21,257.72	259,611.01

## كميات الماء المصدرة شهريا من شركات الإنتاج (مليون جالون) ٢٠١٤ - ٢٠١٥

### Monthly Water Supply by Company (MG) 2014 - 2015

2014													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
TAPCO	3,629.65	3,565.53	3,873.55	4,176.76	4,421.62	4,030.09	4,176.58	4,346.63	4,118.28	4,211.85	4,083.93	3,844.02	48,478.48
AMPC	187.96	363.68	451.58	280.14	454.81	479.30	598.13	733.17	724.49	700.66	765.66	685.51	6,425.11
ECPC	1,390.37	1,393.86	1,554.31	1,527.33	1,544.66	1,534.49	1,587.97	1,608.91	1,542.17	1,569.30	1,492.31	1,418.32	18,164.01
GTTPC	1,831.85	1,705.46	1,943.25	1,961.02	2,317.47	2,283.02	2,344.40	2,390.66	2,321.24	2,364.79	2,161.56	2,182.20	25,806.92
SCIPCO	2,483.14	2,264.15	2,264.93	2,457.94	2,748.58	2,657.35	2,647.77	2,730.25	2,852.46	2,959.41	2,522.17	2,782.84	31,370.99
RPC	2,391.68	2,036.03	2,630.01	2,523.18	2,574.13	2,498.12	2,385.43	2,481.60	2,242.08	2,336.85	2,629.46	2,355.95	29,084.53
APC	3,299.61	2,947.32	3,403.64	3,465.46	3,784.22	3,986.27	4,120.54	4,080.77	3,934.95	4,046.61	3,455.72	3,383.23	43,908.34
Fujairah Export to Abu Dhabi	3,868.75	3,341.00	3,909.89	3,801.67	4,184.90	4,479.06	4,684.97	4,534.42	4,404.82	4,235.30	4,274.15	4,307.07	50,026.00
ADWEA SYSTEM Supply + Imports	19,083.00	17,617.04	20,031.16	20,193.51	22,030.40	21,947.70	22,545.80	22,906.40	22,140.49	22,424.77	21,384.95	20,959.15	253,264.37
Exports to Al Ain	5,095.75	4,746.30	5,298.82	5,459.72	5,838.42	5,839.94	6,037.03	6,044.19	5,793.96	6,004.86	5,889.18	5,909.77	67,957.94
Fujairah1 Supply	2,343.86	2,023.88	2,459.96	2,332.36	2,677.58	2,739.99	2,888.23	2,686.27	2,687.61	2,524.31	2,655.39	2,656.80	30,676.24
Fujairah2 Supply	3,072.43	2,755.49	3,144.53	3,214.81	3,042.15	3,577.98	3,705.10	3,780.83	3,497.15	3,556.50	3,302.08	3,396.50	40,045.55
Global Supply	20,630.54	19,055.41	21,725.76	21,939.01	23,565.23	23,786.61	24,454.16	24,839.08	23,920.44	24,270.28	23,068.28	22,705.37	273,960.17

2015													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
TAPCO	3,930.33	3,992.30	4,203.71	4,057.43	4,505.25	4,254.27	4,221.27	4,153.51	4,199.12	4,268.99	3,917.41	3,878.72	49,582.30
AMPC	238.75	487.64	625.68	699.98	717.46	830.66	799.61	979.41	822.41	0.00	0.00	0.00	6,201.58
ECPC	1,217.00	1,283.14	1,588.83	1,516.05	1,563.05	1,522.93	1,573.21	1,582.49	1,546.25	1,564.27	1,246.84	1,360.04	17,564.10
GTTPC	2,034.78	2,003.36	2,070.20	2,194.41	2,497.45	2,279.53	2,474.38	2,502.66	2,333.47	2,335.36	2,250.20	1,992.78	26,968.57
SCIPCO	2,726.18	2,409.03	2,655.22	2,351.44	2,713.55	2,710.91	2,763.00	2,731.93	2,708.70	2,741.39	2,554.61	2,659.55	31,725.49
RPC	2,432.62	2,250.25	2,462.42	2,588.30	2,528.84	2,458.82	2,734.79	2,771.60	2,562.58	2,610.93	2,420.25	2,338.92	30,160.31
APC	3,226.27	3,056.92	3,324.05	3,616.28	4,062.73	3,893.44	3,928.27	3,818.21	3,639.54	3,796.11	3,646.84	3,606.99	43,615.64
Fujairah Export to Abu Dhabi	3,891.09	3,084.45	4,119.00	3,922.94	3,810.35	4,742.91	4,902.98	4,891.36	4,607.15	4,810.06	4,675.97	3,985.33	51,443.59
ADWEA SYSTEM Supply + Imports	19,697.01	18,567.07	21,049.10	20,946.82	22,398.68	22,693.47	23,397.51	23,431.16	22,419.22	22,127.12	20,712.12	19,822.32	257,261.59
Exports to Al Ain	5,366.70	4,983.33	5,651.48	5,597.78	5,817.04	6,225.34	6,451.47	6,374.32	6,062.35	6,080.93	5,362.99	4,975.64	68,949.37
Fujairah1 Supply	2,453.46	1,995.61	2,550.61	2,532.27	2,265.86	2,799.64	2,919.16	2,824.61	2,766.09	2,615.18	2,426.03	2,016.08	30,164.60
Fujairah2 Supply	3,006.19	2,366.78	3,117.54	2,954.51	3,107.41	3,604.51	3,729.11	3,845.96	3,596.23	3,545.74	3,363.78	2,654.97	38,892.73
Global Supply	21,265.58	19,845.01	22,598.25	22,510.66	23,961.60	24,354.71	25,142.79	25,210.37	24,174.39	23,477.97	21,825.97	20,508.03	274,875.33

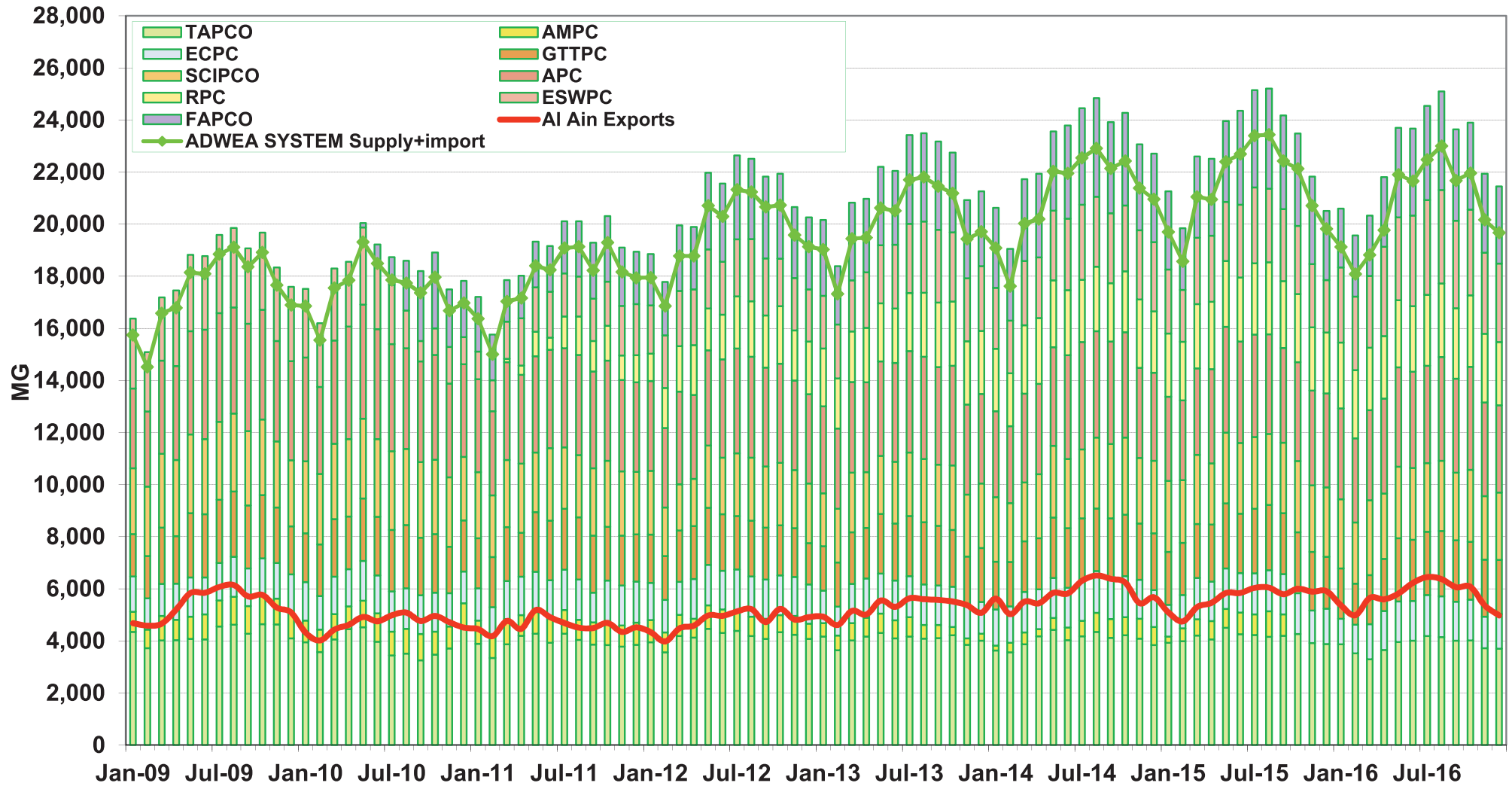
## كميات الماء المصدرة شهريا من شركات الإنتاج (مليون جالون) ٢٠١٦

### Monthly Water Supply by Company (MG) 2016

Month	2016												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
TAPCO	3,866.01	3,517.86	3,294.20	3,653.89	3,953.89	4,009.22	4,186.23	4,149.54	4,006.43	4,020.39	3,717.32	3,704.54	46,079.54
ECPC	979.41	1,100.44	1,351.94	1,491.87	1,563.05	1,522.93	1,573.21	1,564.12	1,495.77	1,560.27	1,215.13	1,327.51	16,745.66
GTPPC	1,933.46	1,580.74	1,883.23	2,003.90	2,427.16	2,355.51	2,431.37	2,507.11	2,361.00	2,227.88	2,184.39	2,078.65	25,974.39
SCIPCO	2,659.55	2,345.96	2,871.25	2,502.52	2,742.90	2,747.05	2,634.67	2,696.75	2,598.54	2,759.35	2,440.34	2,588.14	31,587.02
RPC	2,531.00	2,623.38	2,401.43	2,402.51	2,580.02	2,518.72	2,718.32	2,824.21	2,704.97	2,746.91	2,635.78	2,426.15	31,113.40
APC	3,484.35	3,229.87	3,459.06	3,647.55	3,815.67	3,696.36	3,741.54	3,979.24	3,604.30	3,951.43	3,601.09	3,349.84	43,560.32
Fujairah Export to Abu Dhabi	3,671.73	3,681.50	3,561.34	4,068.82	4,817.26	4,805.89	5,191.57	5,282.15	4,903.70	4,694.69	4,370.86	4,193.92	53,243.43
ADWEA SYSTEM Supply + Imports	19,125.51	18,079.76	18,822.46	19,771.06	21,899.95	21,655.69	22,476.92	23,003.12	21,674.71	21,960.92	20,164.91	19,668.75	248,303.76
Exports to Al Ain	4,681.00	4,584.03	4,663.10	5,203.38	5,838.89	5,848.75	6,069.68	6,145.77	5,708.79	5,765.84	5,279.05	5,093.61	64,881.89
Fujairah1 Supply	2,887.08	2,818.82	2,752.21	3,425.57	3,179.25	3,476.00	3,635.65	3,590.77	3,359.28	3,294.57	3,111.29	3,008.28	38,538.75
Fujairah2 Supply	2,261.73	2,352.50	2,316.52	2,682.23	3,437.50	3,340.01	3,619.79	3,785.07	3,512.96	3,341.90	3,025.65	2,966.25	36,642.12
Global Supply	20,602.60	19,569.58	20,329.85	21,810.03	23,699.44	23,665.80	24,540.80	25,096.81	23,643.24	23,902.70	21,930.98	21,449.36	270,241.20

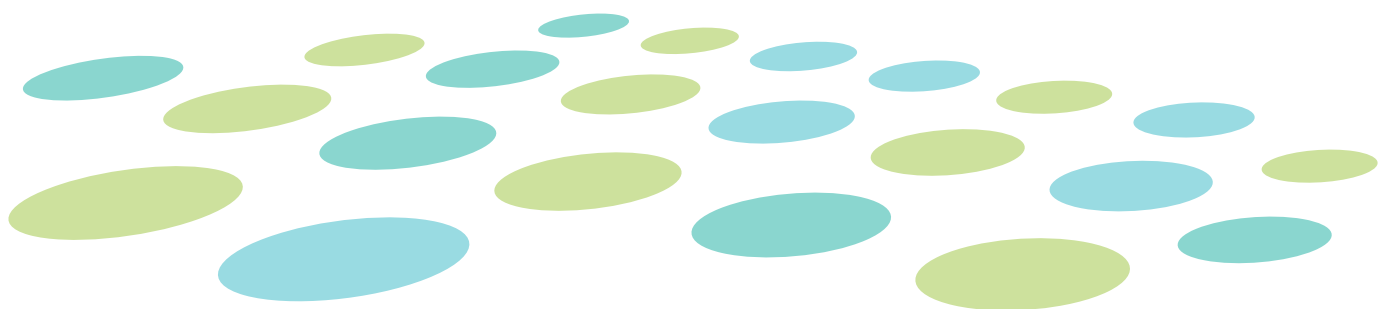
## كميات الماء المصدرة شهريا من شركات الإنتاج (مليون جالون)

### Monthly Water Supply by Company (MG)



# Fuel Statistics

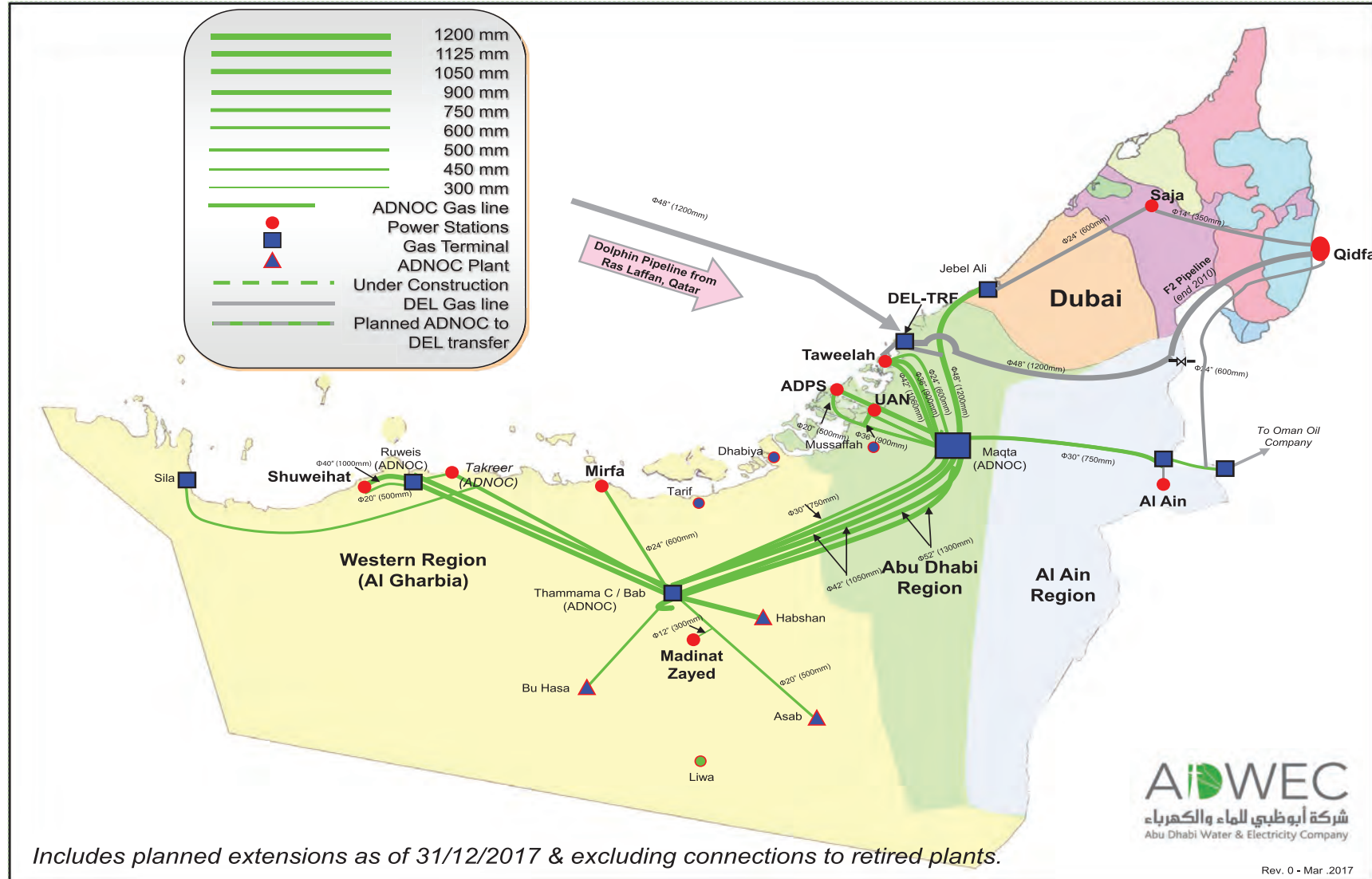
## إحصائيات الوقود



## FUEL STATISTICS

<b>Main Gas Supply Network (end 2017) Excluding Connections to Retired Plants</b>	<b>79</b>	التوسع المتوقع في شبكة إمداد الغاز حتى عام ٢٠١٧ باستثناء المحطات التي أوقفت
<b>Fuel Consumption by Company (MBTu)</b>	<b>80</b>	الوقود المستهلك سنوياً حسب الشركات (مليون وحدة حرارية بريطانية)
<b>Annual Fuel Consumption by Fuel Type (MBTu)</b>	<b>81</b>	الوقود المستهلك سنوياً حسب نوع الوقود (مليون وحدة حرارية بريطانية)
<b>Annual Fuel Consumption by Station (MBTu) 1999 - 2016</b>	<b>82 - 85</b>	الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب المحطات ١٩٩٩ - ٢٠١٦
<b>Annual Fuel Consumption by Fuel Type (MBTu)</b>	<b>86</b>	الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب نوع الوقود
<b>Percentage Annual Fuel Consumption</b>	<b>86</b>	النسب المئوية لأنواع الوقود المستهلكة سنوياً
<b>Monthly Fuel Consumption by Fuel Providers (MBTu) 2007 - 2016</b>	<b>87 - 89</b>	الاستهلاك الشهري للوقود حسب مزود الوقود (مليون وحدة حرارية بريطانية) ٢٠٠٧ - ٢٠١٦

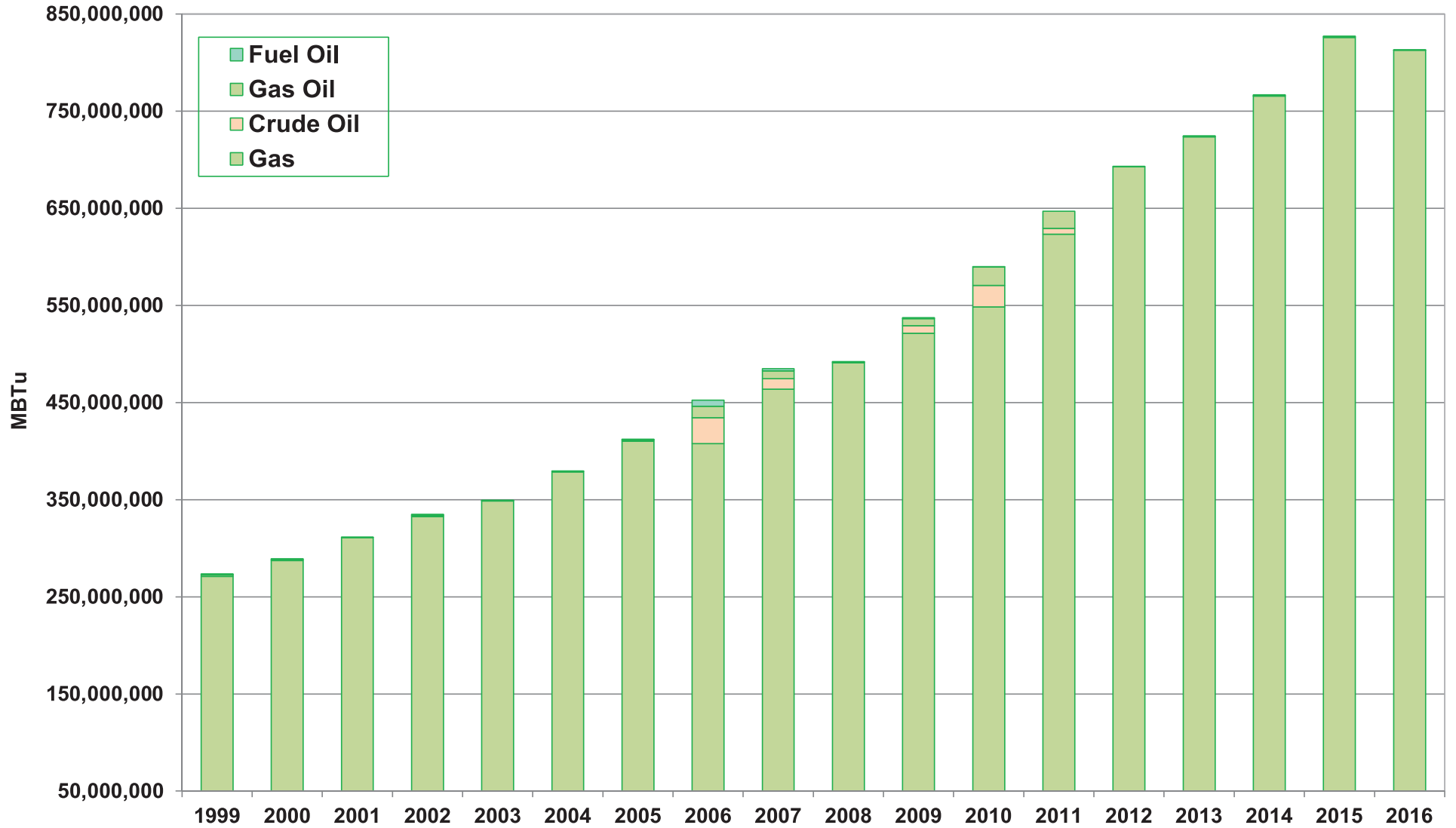
التوسع المتوقع في شبكة إمداد الغاز حتى عام ٢٠١٧ باستثناء المحطات التي أوقفت  
**Main Gas Supply Network (end 2017) Excluding  
 Connections to Retired Plants**





الوقود المستهلك سنويا حسب نوع الوقود (مليون وحدة حرارية بريطانية)

Annual Fuel Consumption by Fuel Type (MBTu)





الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب المحطات ١٩٩٩ - ٢٠١٦ (تابع)  
Annual Fuel Consumption by Station (MBTu) 1999 - 2016 (continued)

Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Station</b>																		
<b>Taweelah B</b>																		
Gas	62,886,153	64,713,415	62,556,997	57,369,045	54,158,581	45,748,718	13,657,632											
Crude Oil	878,455	632,057	73,080	234,248	142,800	324,945	11,007											
Gas Oil	8,181	21,779	19,067	15,852	5,716	8,363	3,007											
<b>Total</b>	<b>63,772,789</b>	<b>65,367,252</b>	<b>62,649,144</b>	<b>57,619,145</b>	<b>54,307,097</b>	<b>46,082,026</b>	<b>13,671,646</b>											
<b>Taweelah B2 Extension</b>																		
Gas	6,622,813	8,927,385	8,831,117	11,103,939	4,648,950	16,251,760	6,520,966											
Gas Oil		252,283	23,316	57,392	8,301	3,277	255											
<b>Total</b>	<b>6,622,813</b>	<b>9,179,668</b>	<b>8,854,433</b>	<b>11,161,331</b>	<b>4,657,251</b>	<b>16,255,037</b>	<b>6,521,221</b>											
<b>ATPC Total</b>	<b>70,395,602</b>	<b>74,546,920</b>	<b>71,503,576</b>	<b>68,780,476</b>	<b>58,964,348</b>	<b>62,337,062</b>	<b>20,192,867</b>											
<b>Taweelah B</b>																		
Gas							30,686,024	45,824,154	47,335,258	42,427,416	35,130,294	29,489,145	38,367,314	44,420,464	39,455,047	48,319,102	44,588,968	41,999,927
Crude Oil							315,403.29	8,825,682	3,001,263	1,465	1,516,587	2,943,621	1,759,447		109	929	983,768	110,011
Gas Oil							4,267.41	60,893	401,472	12,840	351	304	151	166	74	156	214	25,359
<b>Total</b>							<b>31,005,695</b>	<b>54,710,728</b>	<b>50,737,992</b>	<b>42,441,720</b>	<b>36,647,232</b>	<b>32,433,070</b>	<b>40,126,912</b>	<b>44,420,630</b>	<b>39,455,230</b>	<b>48,320,187</b>	<b>45,572,951</b>	<b>42,135,296</b>
<b>Taweelah B2 Extension</b>																		
Gas							15,729,294	19,071,019	21,205,411	17,776,756	22,432,662	19,907,341	23,764,941	24,641,843	21,826,500	24,724,884	24,572,679	24,622,271
Gas Oil							2,476.16	44,373	59,392	8,237	374,851	90,230	210,063	13,857	5,421	2,731	2,330	6,444
<b>Total</b>							<b>15,731,770</b>	<b>19,115,391</b>	<b>21,264,803</b>	<b>17,784,993</b>	<b>22,807,513</b>	<b>19,997,571</b>	<b>23,975,004</b>	<b>24,655,700</b>	<b>21,831,921</b>	<b>24,727,615</b>	<b>24,575,009</b>	<b>24,628,715</b>
<b>Taweelah New Extension</b>																		
Gas									1,924,744	35,765,918	56,904,206	58,923,750	57,625,268	62,548,959	65,358,730	62,700,652	67,157,256	68,323,458
Gas Oil									52,614	692,065	344,173	2,728,973	1,978,566	15,783	19,994	39,712	52	5,705
<b>Total</b>									<b>1,977,358</b>	<b>36,457,983</b>	<b>57,248,378</b>	<b>61,652,724</b>	<b>59,603,834</b>	<b>62,564,742</b>	<b>65,378,724</b>	<b>62,740,364</b>	<b>67,157,309</b>	<b>68,329,163</b>
<b>TAPCO Total</b>							<b>46,737,465</b>	<b>73,826,119</b>	<b>73,980,153</b>	<b>96,684,697</b>	<b>116,703,124</b>	<b>114,083,365</b>	<b>123,705,750</b>	<b>131,641,072</b>	<b>126,665,875</b>	<b>135,788,166</b>	<b>137,305,268</b>	<b>135,093,174</b>
<b>Al Mirfa</b>																		
Gas	11,996,314	12,911,713	15,026,517	15,957,090	14,583,958	13,015,787	8,663,445	10,135,676	13,167,539	18,926,822	21,869,249	22,321,771	20,975,565	17,856,576	12,293,267	10,238,605	10,498,761	
Gas Oil	365,992	19,405	8,496	70,604	2,631	4,426	2,846	67,229	128,463	2,356	1,145	7,041	148,225	2,369	800	1,740	422	
<b>Total</b>	<b>12,362,306</b>	<b>12,931,118</b>	<b>15,035,013</b>	<b>16,027,693</b>	<b>14,586,589</b>	<b>13,020,213</b>	<b>8,666,291</b>	<b>10,202,905</b>	<b>13,296,002</b>	<b>18,929,178</b>	<b>21,870,395</b>	<b>22,328,812</b>	<b>21,123,790</b>	<b>17,858,945</b>	<b>12,294,067</b>	<b>10,240,344</b>	<b>10,499,183</b>	
<b>Madinat Zayed</b>																		
Gas	3,882,791	1,328,343	988,052	3,379,700	4,492,230	3,884,020	1,285,542	1,265,747	507,960	127,906	82,171	295,334	1,622,828	291,501	1,182,937	341,033	393,972	526,295
Gas Oil	49,209	1,523	1,721	827	530	1,059	339	621	778	83	61	700	132	582	83	331	331	
<b>Total</b>	<b>3,932,000</b>	<b>1,329,866</b>	<b>989,773</b>	<b>3,380,527</b>	<b>4,492,759</b>	<b>3,885,080</b>	<b>1,285,881</b>	<b>1,266,367</b>	<b>508,738</b>	<b>127,989</b>	<b>82,232</b>	<b>296,034</b>	<b>1,622,961</b>	<b>292,083</b>	<b>1,183,020</b>	<b>341,364</b>	<b>394,303</b>	<b>526,295</b>
<b>Al Ain</b>																		
Gas												52,031		3,651,614	2,805,491	3,070,877	1,979,832	
Crude Oil																		
Gas Oil											15,393	71,975	8,410	3,851	12,436	2,482	1,177	1,212
<b>Total</b>												<b>124,006</b>	<b>8,410</b>	<b>3,851</b>	<b>3,664,050</b>	<b>2,807,972</b>	<b>3,072,054</b>	<b>1,981,044</b>
<b>AMPC Total</b>	<b>16,294,306</b>	<b>14,260,984</b>	<b>16,024,786</b>	<b>19,408,221</b>	<b>19,079,349</b>	<b>16,905,292</b>	<b>9,952,172</b>	<b>11,469,272</b>	<b>13,804,739</b>	<b>19,057,167</b>	<b>21,968,020</b>	<b>22,748,852</b>	<b>22,755,161</b>	<b>18,154,879</b>	<b>17,141,137</b>	<b>13,389,681</b>	<b>13,965,540</b>	<b>2,507,339</b>

الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب المحطات ١٩٩٩ - ٢٠١٦ (تابع)  
Annual Fuel Consumption by Station (MBTu) 1999 - 2016 (continued)

Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Station</b>																		
<b>New Mirfa</b>																		
Gas																		545,368
Gas Oil																		
<b>MIPCO Total</b>																		545,368
<b>Shams 1</b>																		
Gas															414,317	511,302	377,734	437,193
Gas Oil															27,474	1	16,012	1
<b>SHAMS 1 Total</b>															441,791	511,302	393,746	437,194
<b>Taweelah A2</b>																		
Gas		9,604,105	33,843,792	44,747,649	43,198,683	45,911,425	50,182,967	47,885,062	45,828,694	46,377,925	42,310,135	44,234,632	42,176,341	46,929,469	47,020,812	51,119,241	50,370,878	48,339,158
Gas Oil		18,095				98,229		3,009,767	884,647	3,823	1,046,082	1,485,356	915,176	40,450	8,871	63	8,017	9,859
<b>ECPC Total</b>		9,622,200	33,843,792	44,747,649	43,198,683	46,009,654	50,182,967	50,894,829	46,713,341	46,381,748	43,356,217	45,719,987	43,091,517	46,969,919	47,029,683	51,119,304	50,378,896	48,349,016
<b>Taweelah A1</b>																		
Gas		8,106,025	23,650,119	40,377,789	68,050,872	68,426,354	60,063,288	54,728,451	73,130,851	73,481,663	76,499,067	78,560,009	81,305,064	77,059,298	80,244,231	87,578,418	101,282,141	112,166,291
Gas Oil		30,200	121,762	865,154	95,494	71,190	30,146	1,228,407	29,230	6,860	1,015,864	2,403,191	1,053,123	54,308	25,506	13,375	30,677	85,560
<b>GTTPC Total</b>		8,136,225	23,771,882	41,242,943	68,146,366	68,497,544	60,093,433	55,956,858	73,160,081	73,488,522	77,514,931	80,963,200	82,358,186	77,113,606	80,269,737	87,591,793	101,312,818	112,251,851
<b>Shuweihat (S1)</b>																		
Gas					2,785,605	36,425,336	59,441,392	71,947,808	79,968,447	82,771,327	93,599,958	91,261,074	82,740,309	87,496,739	85,707,837	87,892,362	92,420,756	94,318,858
Gas Oil						501,396	6,527,838	111,712	3,350		1,610,629	1,441,151	28,592	15,885	10,242	23,046	26,342	
<b>SCIPCO Total</b>					2,785,605	36,425,336	59,942,788	78,475,646	80,080,157	82,774,677	93,599,958	92,871,703	84,181,460	87,525,331	85,723,722	87,902,603	92,443,803	94,345,200
<b>Shuweihat (S2)</b>																		
Gas											1,411,096	47,782,031	80,377,960	87,523,613	84,063,818	90,725,487	95,865,747	
Gas Oil												1,521,356	27,754	22,802	38,448	34,229	27,290	
<b>RPC Total</b>											1,411,096	49,303,386	80,405,714	87,546,415	84,102,266	90,759,716	95,893,037	
<b>Shuweihat (S3)</b>																		
Gas															1,642,528	41,606,510	54,914,311	45,858,725
Gas Oil															709,465	953,553		15,543
<b>SAPCO Total</b>															2,351,993	42,560,063	54,914,311	45,874,268

Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Station</b>																		
<b>Umm Al Nar East</b>																		
Gas					18,032,277	36,009,152	31,844,984	31,317,125	21,559,172	15,555,411	16,393,074	14,958,221	15,353,943	11,933,820	14,558,209	11,612,891	15,540,932	13,823,675
Gas Oil						3,391	322	105,435	126,155	2,182		635	2,123	4,786	4,267	3,039	3,594	1,529
Fuel Oil							1,358											
<b>Total</b>					18,032,277	36,012,543	31,846,664	31,422,560	21,685,327	15,557,593	16,393,074	14,958,857	15,356,067	11,938,606	14,562,476	11,615,930	15,544,526	13,825,205
<b>Umm Al Nar West</b>																		
Gas					51,788,997	92,658,517	81,060,877	54,155,191	28,927,668	20,391,985	19,590,381	20,903,288	31,228,904	36,826,822	35,930,391	32,502,527	36,745,710	31,496,605
Crude Oil						232,037	357,267	17,019,298	7,325,523	76,826	6,266,484	18,974,480	4,302,201					
Gas Oil																		
Fuel Oil								6,139,984	2,435,495	82,278	849,211	4,480						
<b>Total</b>					51,788,997	92,890,554	81,418,144	77,314,473	38,688,686	20,551,090	26,706,076	39,882,247	35,531,104	36,826,822	35,930,391	32,502,527	36,745,710	31,496,605
<b>Sas Al Nakhl</b>																		
Gas							444,384	13,131,512	77,305,528	85,153,897	84,914,824	84,808,117	85,171,383	84,115,484	91,094,701	87,845,645	96,707,333	105,041,569
Gas Oil									1,142,205	137,471	2,441,329	5,039,275	2,188,610	17,249	35,932	44,382	14,996	20,162
<b>Total</b>							444,384	13,131,512	78,447,733	85,291,368	87,356,153	89,847,393	87,359,992	84,132,733	91,130,633	87,890,027	96,722,328	105,061,731
<b>APC Total</b>					69,821,274	128,903,097	113,709,192	121,868,546	138,821,745	121,400,051	130,455,303	144,688,496	107,018,260	132,898,161	141,623,500	132,008,484	149,012,564	150,383,540
<b>ADWEA SYSTEM Total</b>	273,293,591	288,802,331	311,343,755	334,605,954	349,066,758	379,548,454	372,818,579	404,740,915	430,237,568	439,811,650	483,597,553	502,486,699	512,413,720	574,708,682	588,793,853	634,973,662	681,153,470	685,679,987
<b>ESWPC (Fujairah F1 IWPP)</b>																		
Gas							39,151,212	47,661,748	49,729,412	52,229,748	51,637,672	40,050,500	26,898,590	35,140,919	46,898,679	45,408,273	49,029,923	43,992,940
Gas Oil							56,927	6,048	4,988,635	-	2,023,222	2,436,622	3,570,872	64,976	5,482	6,664	2,669	4,196
<b>ESWPC Total</b>							39,208,139	47,667,796	54,718,047	52,229,748	53,660,894	42,487,122	30,469,462	35,205,895	46,904,161	45,414,937	49,032,592	43,997,136
<b>FAPCO (Fujairah F2 IWPP)</b>																		
Gas												41,369,989	68,346,636	82,917,562	88,689,361	86,289,459	87,347,965	83,361,281
Gas Oil												3,182,541	4,533,240	307,988	95,213	89,214	11,648	44,528
<b>FAPCO Total</b>												44,552,530	72,879,875	83,225,550	88,784,574	86,378,673	87,359,613	83,405,809
<b>Global Total</b>							412,026,718	452,408,711	484,955,616	492,041,398	537,258,447	589,526,351	615,763,057	693,140,127	724,482,588	766,767,271	817,545,675	813,082,932

Notes:

- \* Umm Al Nar East B consumption included in Umm Al Nar A
- \* Umm Al Nar 7 - 8 consumption included in Umm Al Nar 1 - 6



الاستهلاك الشهري للوقود حسب مزود الوقود (مليون وحدة حرارية بريطانية) ٢٠٠٧ - ٢٠١١

Monthly Fuel Consumption by Fuel Providers (MBTU) 2007 - 2011

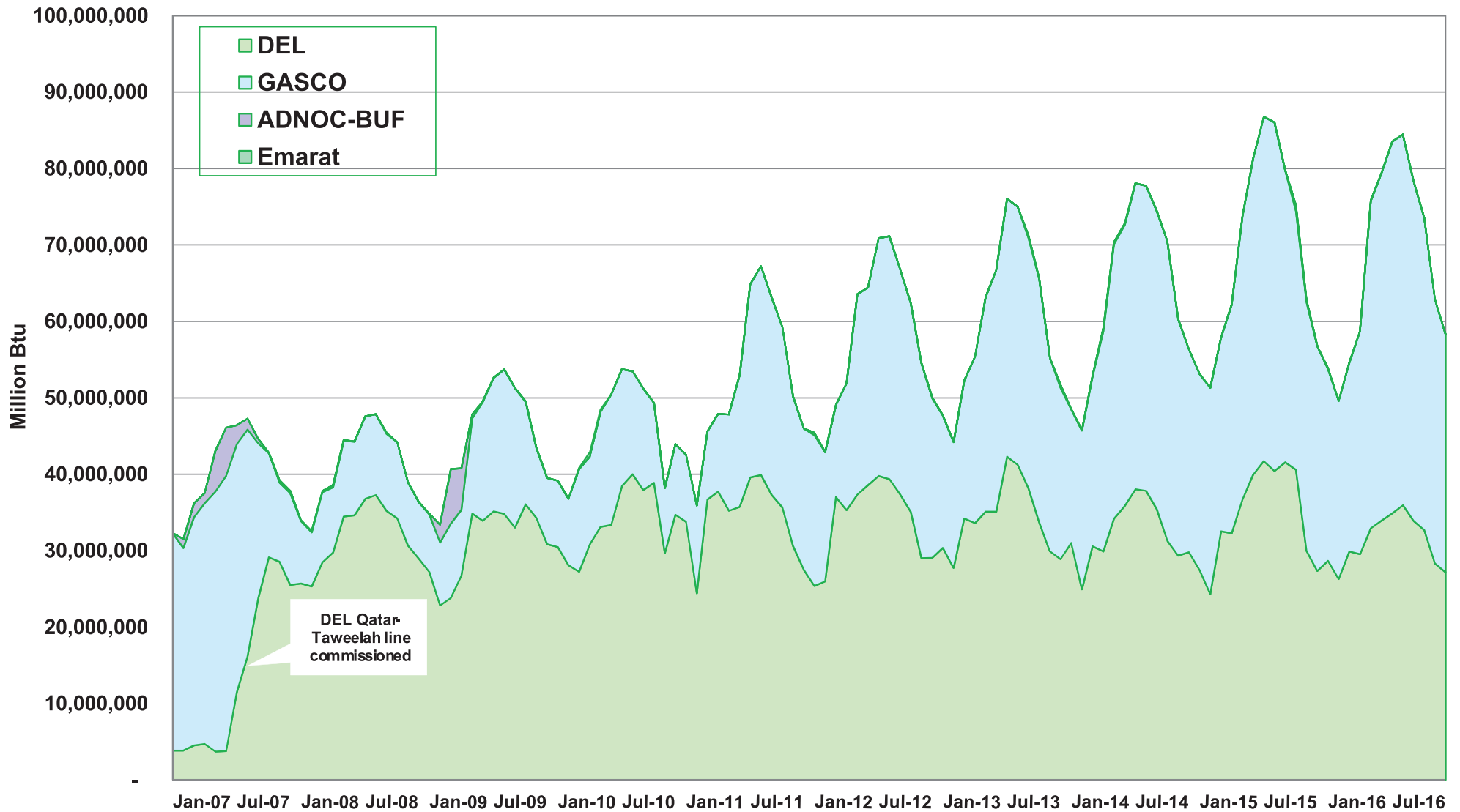
2007													
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
<b>Fuel Provider</b>													
<b>GASCO</b>	28,463,602	26,495,435	29,847,106	31,505,736	34,017,927	36,017,725	32,464,457	29,725,600	20,260,029	13,620,891	10,344,377	11,996,507	304,759,391
<b>ADNOC-BUF</b>	3,572	1,180,488	1,831,703	1,335,203	5,335,546	6,304,647	2,466,017	1,434,069	590,771	42,537	323,838	316,184	21,164,574
<b>DEL</b>	3,843,885	3,855,500	4,521,677	4,720,248	3,718,642	3,782,456	11,481,702	16,119,563	23,792,282	29,133,547	28,545,087	25,517,061	159,031,650
<b>Total</b>	32,311,058	31,531,423	36,200,486	37,561,186	43,072,114	46,104,828	46,412,176	47,279,232	44,643,082	42,796,975	39,213,303	37,829,751	484,955,615
2008													
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
<b>Fuel Provider</b>													
<b>GASCO</b>	8,151,677	7,065,675	9,168,563	8,527,276	9,893,513	9,655,975	10,805,355	10,560,253	10,061,661	9,956,845	8,277,113	7,395,402	109,519,307
<b>ADNOC-BUF</b>	109,771	157,057	134,545	324,213	116,911	17,020	237	5,037	163,981	1,105	3,224	21,524	1,054,625
<b>DEL</b>	25,701,950	25,326,149	28,481,398	29,765,033	34,475,507	34,611,956	36,775,566	37,284,976	35,183,217	34,229,370	30,664,941	28,967,403	381,467,466
<b>Total</b>	33,963,397	32,548,881	37,784,506	38,616,522	44,485,931	44,284,951	47,581,158	47,850,266	45,408,859	44,187,320	38,945,278	36,384,329	492,041,399
2009													
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
<b>Fuel Provider</b>													
<b>GASCO</b>	7,511,278	8,221,568	9,704,704	8,604,251	12,446,615	15,562,977	17,435,971	18,900,838	18,229,704	13,366,000	9,145,409	8,649,662	147,778,977
<b>ADNOC-BUF</b>	113,164	2,337,279	7,165,195	5,419,869	507,432	85,741	67,068	5,956	9,217	114,280	60,463	9,090	15,894,754
<b>DEL</b>	27,206,963	22,843,384	23,806,208	26,759,186	34,858,863	33,906,420	35,133,362	34,812,479	33,031,112	36,069,794	34,288,877	30,868,068	373,584,715
<b>Total</b>	34,831,405	33,402,231	40,676,107	40,783,306	47,812,910	49,555,138	52,636,401	53,719,273	51,270,033	49,550,073	43,494,749	39,526,820	537,258,446
2010													
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
<b>Fuel Provider</b>													
<b>GASCO</b>	8,670,063	8,686,879	13,431,363	11,503,438	15,044,129	17,069,306	15,312,193	13,467,357	13,289,402	10,456,098	8,532,577	9,239,579	144,702,384
<b>ADNOC-BUF</b>	6,825	21,757	2,286,923	4,229,960	4,845,747	5,892,305	5,037,571	4,654,666	2,926,293	3,670,709	6,994,968	412,329	40,980,054
<b>DEL</b>	30,481,275	28,110,967	27,237,824	30,823,723	33,103,746	33,379,505	38,451,519	39,997,255	37,926,837	38,883,375	29,655,308	34,695,145	402,746,479
<b>Emarat</b>			186,181	554,052	349,089	8,112							1,097,434
<b>Total</b>	39,158,163	36,819,603	43,142,291	47,111,174	53,342,711	56,349,228	58,801,283	58,119,277	54,142,532	53,010,182	45,182,853	44,347,054	589,526,351
2011													
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
<b>Fuel Provider</b>													
<b>GASCO</b>	8,738,586	11,504,886	8,921,357	10,164,353	12,582,392	17,248,950	25,315,229	27,296,661	25,816,968	23,580,876	19,558,197	18,488,729	209,217,184
<b>ADNOC-BUF</b>	40,941	3,093,328	327,191	772,995	10,273,276	8,315,496	467,081	231,545	4,719	27,793	48,583	29,898	23,632,846
<b>DEL</b>	33,778,906	24,415,873	36,699,805	37,734,742	35,228,523	35,727,740	39,572,330	39,918,423	37,304,847	35,661,672	30,598,014	27,501,055	414,141,930
<b>Total</b>	42,558,433	39,014,087	45,948,353	48,672,090	58,084,191	61,292,186	65,354,640	67,446,629	63,126,534	59,270,342	50,204,794	46,019,683	646,991,960

الاستهلاك الشهري للوقود حسب مزود الوقود (مليون وحدة حرارية بريطانية) ٢٠١٢ - ٢٠١٦

Monthly Fuel Consumption by Fuel Providers (MBTU) 2012 - 2016

Year													
2012													
Fuel Provider	January	February	March	April	May	June	July	August	September	October	November	December	Total
GASCO	19,733,818	16,879,663	12,001,544	16,605,201	26,211,833	25,856,305	31,093,140	31,758,005	29,437,278	27,257,205	25,502,794	20,920,894	283,257,682
ADNOC-BUF	290,855	51,272	35,897	10,087	34,735	10,661	12,737	13,042	13,181	16,387	9,633	84,221	582,708
DEL	25,386,527	25,975,357	37,032,859	35,307,225	37,318,932	38,569,028	39,782,586	39,366,349	37,374,028	35,094,591	29,037,453	29,054,801	409,299,736
Total	45,411,201	42,906,292	49,070,301	51,922,514	63,565,500	64,435,995	70,888,463	71,137,396	66,824,487	62,368,182	54,549,880	50,059,916	693,140,126
Year													
2013													
Fuel Provider	January	February	March	April	May	June	July	August	September	October	November	December	Total
GASCO	17,325,541	16,445,751	18,003,139	21,744,848	28,063,670	31,661,083	33,748,442	33,751,160	32,744,043	31,896,828	25,330,831	22,433,928	313,149,264
ADNOC-BUF	4,733	62,155	62,537	21,824	15,546	22,615	9,363	3,518	357,378	54,662	15,518	359,963	989,814
DEL	30,360,840	27,747,299	34,203,009	33,608,551	35,106,453	35,095,498	42,297,184	41,227,456	38,141,839	33,739,731	29,920,411	28,895,238	410,343,510
Total	47,691,115	44,255,205	52,268,684	55,375,224	63,185,669	66,779,197	76,054,989	74,982,134	71,243,260	65,691,222	55,266,760	51,689,128	724,482,587
Year													
2014													
Fuel Provider	January	February	March	April	May	June	July	August	September	October	November	December	Total
GASCO	17,466,127	20,789,388	22,180,390	28,830,766	35,923,148	36,761,240	40,020,463	39,897,828	38,987,077	39,148,050	30,925,458	26,515,725	377,445,660
ADNOC-BUF	49,483	64,425	124,227	436,047	275,618	209,870	6,046	2,383	1,944	5,577	6,073	25,366	1,207,059
DEL	31,008,134	24,922,768	30,572,969	29,898,613	34,180,012	35,842,357	38,039,974	37,831,111	35,427,846	31,255,947	29,342,493	29,792,328	388,114,552
Total	48,523,744	45,776,580	52,877,586	59,165,426	70,378,778	72,813,467	78,066,483	77,731,323	74,416,867	70,409,573	60,274,024	56,333,419	766,767,271
Year													
2015													
Fuel Provider	January	February	March	April	May	June	July	August	September	October	November	December	Total
GASCO	25,644,864	27,002,144	25,342,480	29,911,135	37,067,878	41,329,556	45,042,191	45,595,810	38,237,547	33,834,293	32,579,626	29,381,992	410,969,515
ADNOC-BUF	1,143	18,786	21,984	4,018	18,095	23,045	4,803	5,277	10,338	727,966	268,793	28,933	1,133,183
DEL	27,490,512	24,292,423	32,528,882	32,269,965	36,664,444	39,928,795	41,714,917	40,426,159	41,566,259	40,600,139	29,939,899	27,353,777	414,776,169
Total	53,136,519	51,313,353	57,893,346	62,185,118	73,750,416	81,281,396	86,761,911	86,027,246	79,814,144	75,162,398	62,788,318	56,764,702	826,878,867
Year													
2016													
Fuel Provider	January	February	March	April	May	June	July	August	September	October	November	December	Total
GASCO	25,094,092	23,285,506	24,658,010	29,201,366	42,858,773	45,430,100	48,624,782	48,503,930	44,412,347	40,822,355	34,524,224	31,114,241	438,529,725
ADNOC-BUF	102,614	34,761	91,404	16,463	16,542	22,418	17,527	14,530	10,470	16,117	18,123	22,773	383,741
DEL	28,677,292	26,285,310	29,904,822	29,537,152	32,922,990	33,934,799	34,870,373	35,949,303	33,906,469	32,700,477	28,328,561	27,151,918	374,169,466
Total	53,873,998	49,605,577	54,654,236	58,754,981	75,798,305	79,387,316	83,512,681	84,467,763	78,329,286	73,538,949	62,870,908	58,288,932	813,082,932

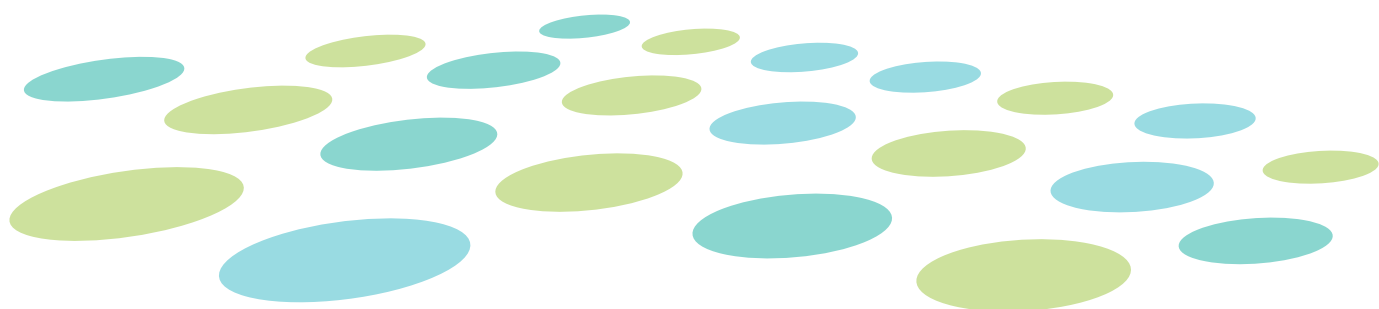
Monthly Fuel Consumption by Fuel Providers (MBTU) 2007 - 2016





# Capacity Statistics

## إحصائيات قدرات الإنتاج



### CAPACITY STATISTICS

Generation Capacity (Gross MW) at 31st December (Available Capacity)	93 - 94	قدرة الإنتاج الإجمالية (ميجاوات) في ٣١ ديسمبر من كل عام
Desalination Capacity (Gross MGD) at 31st December (Available Capacity)	95- 96	قدرة التحلية الإجمالية (مليون جالون/يوم) في ٣١ ديسمبر من كل عام
Generation Capacity by Technology (Gross MW) 1999 - 2017 (Available Capacity at Peak)	97 - 101	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) ١٩٩٩ - ٢٠١٧ (القدرة المتاحة في وقت الذروة)
Generation Capacity by Prime-mover (Gross MW) 1999 - 2017 (Available Capacity at Peak)	102 - 106	قدرة الإنتاج حسب نوع المولدات (ميجاوات) ١٩٩٩ - ٢٠١٧ (القدرة المتاحة في وقت الذروة)
Desalination Capacity by Technology (Gross MGD) 1999 - 2017 (Available Capacity at Peak)	107 - 111	قدرة التحلية حسب أسلوب التحلية ١٩٩٩ - ٢٠١٧ (مليون جالون/يوم) (القدرة المتاحة في وقت الذروة)

## قدرة الإنتاج الإجمالية (ميجاوات) في ٣١ ديسمبر من كل عام Generation Capacity (Gross MW) at 31st December (Available Capacity)

Year	BPC					UANPC							ATPC			TAPCO <sup>(3)</sup>				AMPC <sup>(4)</sup>				GTTTC		ECPC	SCIPCO		RPC		SAPCO	APC <sup>(1)</sup>	MIPCO <sup>(6)</sup>	ESWPC <sup>(2)</sup>	FAPCO	SPC <sup>(5)</sup>	Global System
	GTS	STS	TWA *	AIN	Total	UEA	UEB	UW1	UW7	UW9	BYS	Total	TWB	TWB2	TNE	Total	MRF	MZD	AIN	Total	TA1	TA2	S1	S2	S3	UAN		Fujairah F1	Fujairah F2	Shams 1							
1999	392	128	255	426	1,201	120	130	360	300	100	108	1,118	732	194	926		192	100	292																3,343		
2000	392	120	255	428	1,195	120	130	360	320	150	108	1,188	732	337	1,069		196	113	309															3,537			
2001	392	120		428	940	120	130	360	300	130	108	1,148	732	337	1,069		191	109	300		266	777												4,316			
2002	392	120		428	940	118	130	360	300	130	108	1,146	738	337	1,075		186	109	295		1,014	777												4,500			
2003	391	120		428	939								738	337	1,075		186	109	295		1,407	777				1,038								5,247			
2004	391	120		428	939								738	337	1,075		186	109	295		1,431	777	1,610			1,038								5,531			
2005	359	120		428	907								825	359	1,184	186	109	295		1,431	777	1,610			1,038		641							7,165			
2006	239	120		352	711								878	350	1,228	186	109	295		1,416	762	1,585			1,674		641							7,883			
2007		76		256	332								881	351	1,232	186	109	295		1,414	763	1,577			2,444		641							8,312			
2008				256	256								825	358	1,037	2,220	186	109	295		1,414	760	1,615			2,435		641						8,698			
2009													825	358	1,037	2,220	186	109	256	551	1,672	759	1,615			2,433		861						9,636			
2010													825	358	1,037	2,220	186	109	256	551	1,672	760	1,615			2,430		861	2,114					10,112			
2011													825	358	1,037	2,220	186	109	256	551	1,672	760	1,615	1,627		2,430		861	2,114					12,223			
2012													825	358	1,037	2,220	186	109	256	551	1,670	758	1,615	1,623		2,430		861	2,114					13,842			
2013													825	358	1,037	2,220	186	109	256	551	1,671	760	1,615	1,627		2,430		861	2,114	50				13,899			
2014													825	358	1,037	2,220	186	109	256	551	1,671	760	1,615	1,627	1,647	2,430		861	2,114	50				15,546			
2015													825	358	1,037	2,220	109	256	365		1,671	760	1,615	1,627	1,647	2,430		861	2,114	50				15,360			
2016													825	358	1,037	2,220	109	256	365		1,671	760	1,615	1,627	1,647	2,290		861	2,114	50				15,220			
2017													825	358	1,037	2,220	109	256	365		1,671	760	1,615	1,627	1,647	2,290	1,702	861	2,114	50				16,922			

<sup>(1)</sup> UANPC converted to Arabian Power Company (APC) IWPP in July 2003

<sup>(2)</sup> UWEC plant takeover by Emirates Sembcorp Water and Power Company (ESWPC)

<sup>(3)</sup> ATPC converted to Taweelah Asia Power Company (TAPCO) IWPP in April 2005

<sup>(4)</sup> Ain converted to Al Mirfa Power Company (AMPC) in January 2009

<sup>(5)</sup> SHAMS 1 actual capacity is 100 MW but 50 MW available at the time of peak

<sup>(6)</sup> MIPCO is under commissioning

See Glossary for Station & Company Abbreviations



قدرة التحلية الإجمالية (مليون جالون/يوم) في ٣١ ديسمبر من كل عام  
**Desalination Capacity (Gross MGD) at 31st December**  
**(Available Capacity)**

Year	BPC				UANPC <sup>(1)</sup>							ATPC <sup>(3)</sup>			TAPCO				AMPC	ECPC	GTTPC	SCIPCO	RPC	APC	ESWPC <sup>(2)</sup>	FAPCO	MIPCO <sup>(4)</sup>	ADWEA System	
	GTS	STS	TWA *	Total	UEA	UEB	UW1	UW7	UW9	UNWB	Total	TWB	TB2	Total	TWB	TB2	TNE	Total	MRF	TA2	TA1 <sup>(1)</sup>	S1	S2	UAN	Fujairah F1	Fujairah F2	Mirfa IWPP		
1999		15	29	44	19	23	28	26			95	72		72					16										227
2000		15	29	44	19	23	28	26	7		102	72	23	95					16										258
2001		15		15	19	23	28	26	7		102	72	23	95					31	51	31								325
2002		15		15	19	23	28	26	7	63	165	72	23	95					39	51	85								449
2003		15		15								72	23	95					39	51	85				165				449
2004		15		15								72	23	95					39	51	85	101			165				550
2005		15		15											72	23	95		39	51	85	101			165	102			652
2006		15		15											70	23		93	39	51	85	101			184	102			668
2007		15		15											70	23		93	39	51	85	101			145	102			631
2008															70	23	69	162	39	51	85	101			145	102			683
2009															70	23	69	162	39	51	85	101			145	102			683
2010															70	23	69	162	39	51	85	101			145	102	132		815
2011															70	23	69	162	39	51	85	101	101		145	102	132		916
2012															70	23	69	162	39	51	85	101	101		145	102	132		916
2013															70	23	69	162	39	51	85	101	101		145	102	132		916
2014															70	23	69	162	39	51	85	101	101		145	101	132		916
2015															70	23	69	162	0	51	85	101	101		145	131	132		907
2016															70	23	69	162	0	51	85	101	101		145	132	132		908
2017															70	23	69	162	0	51	85	101	101		145	132	132	53	961

\* Taweelah A converted to Taweelah A1 IWPP in September 2000.

(1) UANPC converted to Arabian Power Company (APC) IWPP in July 2003.

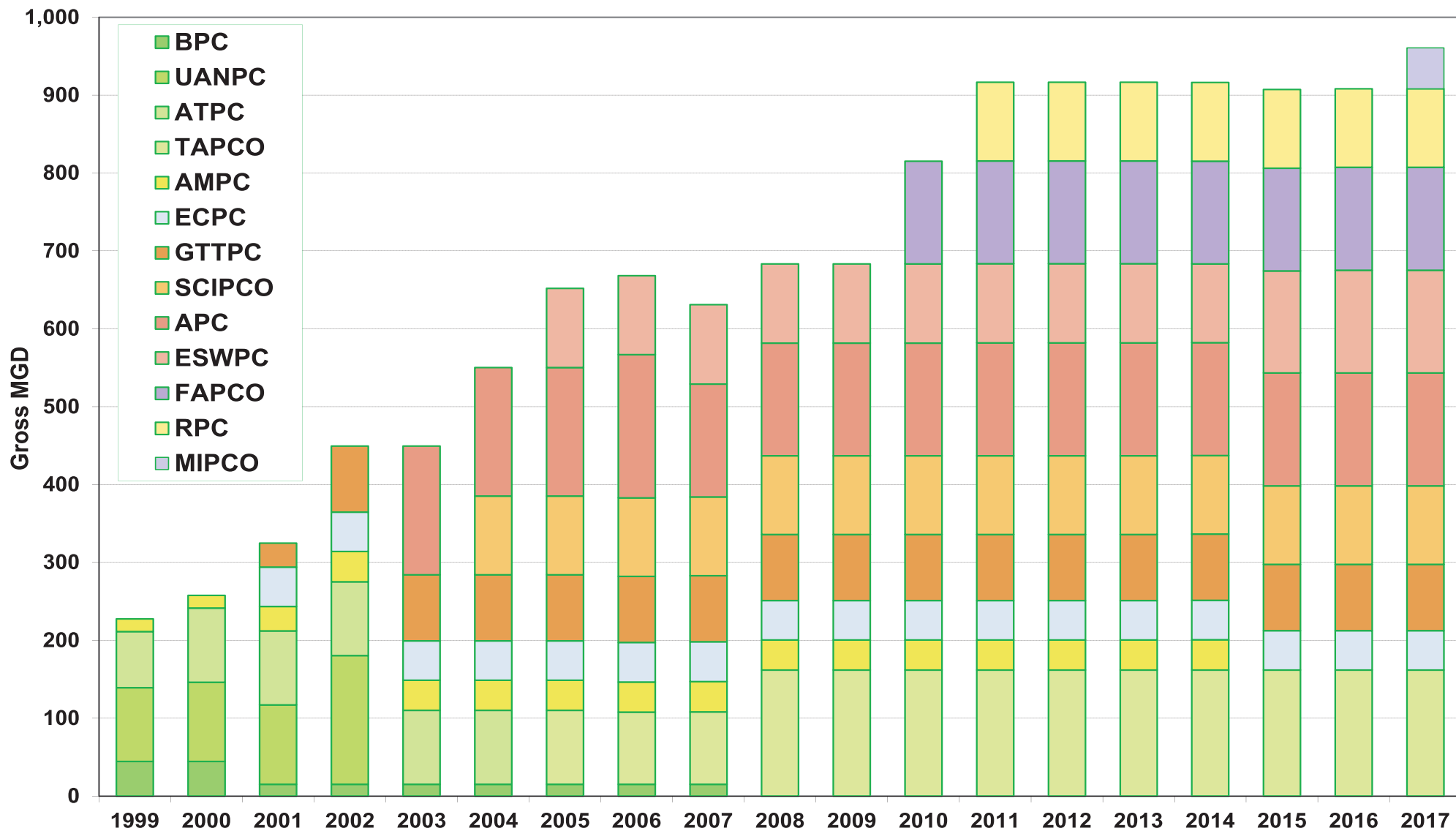
(2) UWEC Plant was taken over by Emirates SembCorp Water and Power Company (ESWPC).

(3) ATPC converted to TAPCO IWPP in April 2005.

(4) MIPCO RO is scheduled to be commissioned in July 2016.

See Glossary for Stations & Company Abbreviations

قدرة التحلية الإجمالية (مليون جالون/يوم) في ٣١ ديسمبر من كل عام  
**Desalination Capacity (Gross MGD) at 31st December**  
**(Available Capacity)**



قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) ١٩٩٩ - ٢٠٠٣  
(القدرة المتاحة في وقت الذروة)

**Generation Capacity by Technology (Gross MW) 1999 - 2003**  
**(Available Capacity at Peak)**

Company	Station	1999						2000						2001						2002						2003					
		DE	SCGT	CCGT	GT+ EHR	ST	Total	DE	SCGT	CCGT	GT+ EHR	ST	Total	DE	SCGT	CCGT	GT+ EHR	ST	Total	DE	SCGT	CCGT	GT+ EHR	ST	Total	DE	SCGT	CCGT	GT+ EHR	ST	Total
BPC	Abu Dhabi Gas Turbines		392				392		392				392		392				392		392				392		391				391
	Abu Dhabi Steam Turbines					128	128				120	120						120	120									120	120		
	Taweelah A *				255		255																								
	Al Ain	76	350				426	76	352				428	76	352				428	76	352				428	76	352			428	
	<b>BPC Total</b>	<b>76</b>	<b>742</b>		<b>255</b>	<b>128</b>	<b>1,201</b>	<b>76</b>	<b>744</b>		<b>120</b>	<b>940</b>	<b>76</b>	<b>744</b>		<b>120</b>	<b>940</b>	<b>76</b>	<b>744</b>		<b>120</b>	<b>940</b>	<b>76</b>	<b>743</b>		<b>120</b>	<b>939</b>				
UANPC**	Umm Al Nar East A				120		120				120				120			120				118		118							
	Umm Al Nar East B				130		130				130				130			130				130		130							
	Umm Al Nar West 1 - 6					360	360				360				360			360				360		360							
	Umm Al Nar West 7 - 8					300	300				320				300			300				300		300							
	Umm Al Nar West 9 - 10					100	100				150				100			100				100		100							
	Baniyas		108				108		108				108				108			108				108							
<b>UANPC Total</b>		<b>108</b>		<b>250</b>	<b>760</b>	<b>1,118</b>		<b>108</b>		<b>830</b>	<b>1,188</b>		<b>108</b>		<b>250</b>	<b>790</b>	<b>1,148</b>		<b>108</b>		<b>248</b>	<b>790</b>	<b>1,146</b>								
ATPC	Taweelah B					732	732				732				732			732				738		738			738	738			
	Taweelah B2					194	194				194				194			194				194		194			143	337			
	<b>ATPC Total</b>					<b>732</b>	<b>926</b>				<b>875</b>	<b>1,069</b>			<b>875</b>	<b>1,069</b>					<b>194</b>	<b>881</b>	<b>1,075</b>			<b>194</b>	<b>881</b>	<b>1,075</b>			
AMPC	Al Mirfa				192		192				196				191			191				186		186			186	186			
	Madinat Zayed		100				100		113				109			109			109			109		109			109	109			
	<b>AMPC Total</b>		<b>100</b>		<b>192</b>		<b>292</b>		<b>113</b>		<b>309</b>	<b>309</b>		<b>109</b>		<b>300</b>		<b>109</b>			<b>186</b>	<b>295</b>	<b>109</b>	<b>186</b>		<b>109</b>	<b>186</b>	<b>295</b>			
GTTPC	Taweelah A1										255				266			266				1,014		1,014			1,407	1,407			
	<b>GTTPC Total</b>										<b>255</b>				<b>266</b>			<b>266</b>				<b>1,014</b>		<b>1,014</b>			<b>1,407</b>	<b>1,407</b>			
ECPC	Taweelah A2										555				777			777				777		777			777	777			
	<b>ECPC Total</b>										<b>555</b>				<b>777</b>			<b>777</b>				<b>777</b>		<b>777</b>			<b>777</b>	<b>777</b>			
APC	Umm Al Nar																									248	790	1,038			
	<b>APC Total</b>																									<b>248</b>	<b>790</b>	<b>1,038</b>			
<b>Total</b>		<b>76</b>	<b>950</b>	<b>194</b>	<b>697</b>	<b>1,620</b>	<b>3,537</b>	<b>76</b>	<b>965</b>	<b>749</b>	<b>701</b>	<b>1,825</b>	<b>4,316</b>	<b>76</b>	<b>961</b>	<b>971</b>	<b>707</b>	<b>1,785</b>	<b>4,500</b>	<b>76</b>	<b>961</b>	<b>1,985</b>	<b>434</b>	<b>1,791</b>	<b>5,247</b>	<b>76</b>	<b>852</b>	<b>2,378</b>	<b>434</b>	<b>1,791</b>	<b>5,531</b>

\* Taweelah A converted to Taweelah A1 IWPP in Sep 2000

\*\* UANPC converted to Arabian Power Company (APC) IWPP in July 2003

قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) ٢٠٠٤ - ٢٠٠٨  
 (القدرة المتاحة في وقت الذروة)

**Generation Capacity by Technology (Gross MW) 2004 - 2008**  
**(Available Capacity at Peak)**

Company	Station	2004						2005						2006						2007						2008					
		DE	SCGT	CCGT	GT+ EHR	ST	Total	DE	SCGT	CCGT	GT+ EHR	ST	Total	DE	SCGT	CCGT	GT+ EHR	ST	Total	DE	SCGT	CCGT	GT+ EHR	ST	Total	DE	SCGT	CCGT	GT+ EHR	ST	Total
BPC	Abu Dhabi Gas Turbines		391				391		359				359		239				239					76	76						
	Abu Dhabi Steam Turbines					120	120				120	120						120	120												
	Taweelah A *																														
	Al Ain	76	352				428	76	352				428	352					352	256				256	256					256	
<b>BPC Total</b>	<b>76</b>	<b>743</b>			<b>120</b>	<b>939</b>	<b>76</b>	<b>711</b>			<b>120</b>	<b>907</b>	<b>591</b>			<b>120</b>	<b>711</b>	<b>256</b>				<b>76</b>	<b>332</b>	<b>256</b>					<b>256</b>		
ATPC***	Taweelah B					738	738																								
	Taweelah B2				194	143	337																								
	<b>ATPC Total</b>				<b>194</b>	<b>881</b>	<b>1,075</b>																								
TAPCO	Taweelah B										825	825				878	878					881	881					825	825		
	Taweelah B2											359	359			350	350						351	351				358	358		
	Taweelah New Extension																										1,037	1,037			
	<b>TAPCO Total</b>										<b>359</b>	<b>825</b>	<b>1,184</b>			<b>350</b>	<b>878</b>	<b>1,228</b>				<b>351</b>	<b>881</b>	<b>1,232</b>			<b>1,395</b>	<b>825</b>	<b>2,220</b>		
AMPC	Al Mirfa				186	186						186	186			186	186					186	186				186	186			
	Madinat Zayed		109			109						109	109			109	109					109	109			109	109		109		
	<b>AMPC Total</b>		<b>109</b>		<b>186</b>	<b>295</b>					<b>109</b>	<b>186</b>	<b>295</b>			<b>109</b>	<b>186</b>	<b>295</b>				<b>109</b>	<b>186</b>	<b>295</b>		<b>109</b>	<b>186</b>	<b>295</b>			
GTTPC	Taweelah A1			1,431		1,431						1,431	1,431			1,416	1,416					1,415	1,415			1,414	1,414		1,414		
	<b>GTTPC Total</b>			<b>1,431</b>		<b>1,431</b>						<b>1,431</b>	<b>1,431</b>			<b>1,416</b>	<b>1,416</b>					<b>1,415</b>	<b>1,415</b>			<b>1,414</b>	<b>1,414</b>		<b>1,414</b>		
ECPC	Taweelah A2			777		777						777	777			762	762					763	763			760	760		760		
	<b>ECPC Total</b>			<b>777</b>		<b>777</b>						<b>777</b>	<b>777</b>			<b>762</b>	<b>762</b>					<b>763</b>	<b>763</b>			<b>760</b>	<b>760</b>		<b>760</b>		
SCIPCO	S1			1,610		1,610						1,610	1,610			1,585	1,585					1,577	1,577			1,615	1,615				
	<b>SCIPCO Total</b>			<b>1,610</b>		<b>1,610</b>						<b>1,610</b>	<b>1,610</b>			<b>1,585</b>	<b>1,585</b>					<b>1,577</b>	<b>1,577</b>			<b>1,615</b>	<b>1,615</b>				
APC	Umm Al Nar				248	790	1,038					248	790	1,038			636	248	790	1,674			1,666	118	660	2,444		1,658	118	660	2,436
	<b>APC Total</b>				<b>248</b>	<b>790</b>	<b>1,038</b>					<b>248</b>	<b>790</b>	<b>1,038</b>			<b>636</b>	<b>248</b>	<b>790</b>	<b>1,674</b>			<b>1,666</b>	<b>118</b>	<b>660</b>	<b>2,444</b>		<b>1,658</b>	<b>118</b>	<b>660</b>	<b>2,436</b>
ESWPC	Fujairah F1 IWPP											641	641			641	641					641	641			641	641		641		
	<b>Fujairah F1 Total</b>											<b>641</b>	<b>641</b>			<b>641</b>	<b>641</b>					<b>641</b>	<b>641</b>			<b>641</b>	<b>641</b>		<b>641</b>		
<b>Total</b>		<b>76</b>	<b>852</b>	<b>4,012</b>	<b>434</b>	<b>1,791</b>	<b>7,165</b>	<b>76</b>	<b>820</b>	<b>4,818</b>	<b>434</b>	<b>1,735</b>	<b>7,883</b>	<b>700</b>	<b>5,390</b>	<b>434</b>	<b>1,788</b>	<b>8,312</b>	<b>365</b>	<b>6,413</b>	<b>304</b>	<b>1,617</b>	<b>8,699</b>	<b>365</b>	<b>7,483</b>	<b>304</b>	<b>1,485</b>	<b>9,637</b>			

\*\*\* ATPC converted to Taweelah Asia Power Company (TAPCO) IWPP in April 2005.

قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) ٢٠٠٩ - ٢٠١٣  
(القدرة المتاحة في وقت الذروة)

**Generation Capacity by Technology (Gross MW) 2009 - 2013**  
**(Available Capacity at Peak)**

Company	Station	2009						2010						2011						2012						2013							
		DE	SCGT	CCGT	GT+ EHR	ST	Total	DE	SCGT	CCGT	GT+ EHR	ST	Total	DE	SCGT	CCGT	GT+ EHR	ST	Total	DE	SCGT	CCGT	GT+ EHR	ST	Total	DE	SCGT	CCGT	GT+ EHR	ST	Solar	Total	
TAPCO	Taweelah B					825	825					825	825					825	825					825	825					825		825	
	Taweelah B2			358			358			358			358			358			358					358	358			358				358	
	Taweelah New Extension			1,037			1,037			1,037			1,037			1,037			1,037					1,037	1,037			1,037				1,037	
	TAPCO Total			1,395		825	2,220			1,395		825	2,220			1,395		825	2,220					1,395	2,220			1,395		825		2,220	
AMPC	Al Ain		256				256		256				256		256				256			256				256							256
	Al Mirfa				186		186				186		186				186		186				186			186				186			186
	Madinat Zayed		109				109		109				109		109				109			109				109			109				109
	AMPC Total		365		186		551		365		186		551		365		186		551			365		186		551			365		186		551
GTTPC	Taweelah A1			1,672			1,672			1,672			1,672			1,672			1,672			1,670			1,670			1,670				1,670	
	GTTPC Total			1,672			1,672			1,672			1,672			1,672			1,672			1,670			1,670			1,670				1,670	
ECPC	Taweelah A2			759			759			760			760			760			760			758			758			758				758	
	ECPC Total			759			759			760			760			760			760			758			758			758				758	
SCIPCO	S1			1,615			1,615			1,615			1,615			1,615			1,615			1,615			1,615			1,615				1,615	
	SCIPCO Total			1,615			1,615			1,615			1,615			1,615			1,615			1,615			1,615			1,615				1,615	
RPC*	S2															1,627			1,627			1,623			1,623			1,621				1,621	
	RPC Total															1,627			1,627			1,623			1,623			1,621				1,621	
SAPCO	S3																											493				493	
	SAPCO Total																											493				493	
APC	Umm Al Nar			1,655	118	660	2,433			1,652	118	660	2,430			1,652	118	660	2,430			1,652	118	660	2,430			1,652	118	660		2,430	
	APC Total			1,655	118	660	2,433			1,652	118	660	2,430			1,652	118	660	2,430			1,652	118	660	2,430			1,652	118	660		2,430	
ESWPC	Fujairah F1 IWPP			861			861			861			861			861			861			861			861			861				861	
	Fujairah F1 Total			861			861			861			861			861			861			861			861			861				861	
FAPCO**	Fujairah F2 IWPP									2,114			2,114			2,114			2,114			2,114			2,114			2,114				2,114	
	Fujairah F2 Total									2,114			2,114			2,114			2,114			2,114			2,114			2,114				2,114	
SPC	Shams 1																													50		50	
	Shams 1 Total																													50		50	
	<b>Total</b>		365	7,957	304	1,485	10,111		365	10,069	304	1,485	12,223		365	11,696	304	1,485	13,850		365	11,688	304	1,485	13,842		365	12,179	304	1,485	50	14,383	

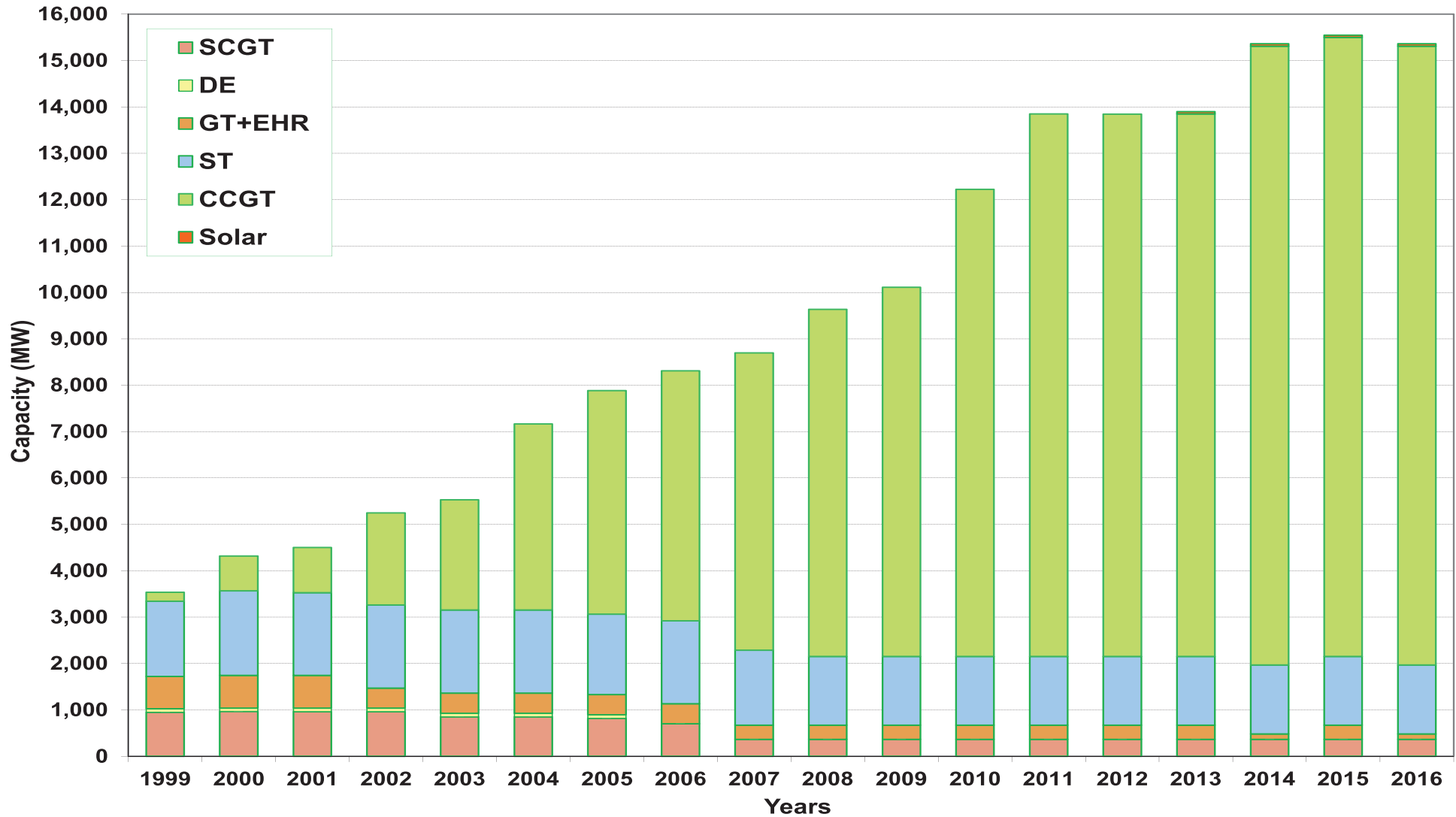
قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) ٢٠١٤ - ٢٠١٧  
(القدرة المتاحة في وقت الذروة)

**Generation Capacity by Technology (Gross MW) 2014 - 2017**  
**(Available Capacity at Peak)**

Company	Station	2014						2015						2016						2017											
		DE	SCGT	CCGT	GT + EHR	ST	SOLAR	Total	DE	SCGT	CCGT	GT + EHR	ST	SOLAR	Total	DE	SCGT	CCGT	GT + EHR	ST	SOLAR	Total	DE	SCGT	CCGT	GT + EHR	ST	SOLAR	Total		
TAPCO	Taweelah B					825	825					825			825					825			825					825			825
	Taweelah B2			358			358			358					358					358			358					358			358
	Taweelah New Extension			1,037			1,037			1,037					1,037					1,037			1,037					1,037			1,037
	TAPCO Total			1,395		825	2,220			1,395		825			2,220			1,395		825			2,220			1,395		825			2,220
AMPC	Al Ain		256				256		256					256		256						256		256						256	
	Al Mirfa				186		186				186				186															186	
	Madinat Zayed		109				109		109					109		109						109		109						109	
	AMPC Total		365		186		551		365		186			551		365						365		365						365	
MIPCO	Mirfa IWPP																760						384		1,318					1,702	
	MIPCO Total															760						384		1,318					1,702		
GTTPC	Taweelah A1			1,671			1,671			1,671					1,671															1,671	
	GTTPC Total			1,671			1,671			1,671					1,671															1,671	
ECPC	Taweelah A2			760			760			760					760															760	
	ECPC Total			760			760			760					760															760	
SCIPCO	S1			1,615			1,615			1,615					1,615															1,615	
	SCIPCO Total			1,615			1,615			1,615					1,615															1,615	
RPC	S2			1,627			1,627			1,627					1,627															1,627	
	RPC Total			1,627			1,627			1,627					1,627															1,627	
SAPCO*	S3			1,647			1,647			1,647					1,647															1,647	
	SAPCO Total			1,647			1,647			1,647					1,647															1,647	
APC	Umm Al Nar			1,652	118	660	2,430			1,652	118	660	2,430			1,670	118	502				2,290			1,670	118	502		2,290		
	APC Total			1,652	118	660	2,430			1,652	118	660	2,430			1,670	118	502				2,290			1,670	118	502		2,290		
ESWPC	Fujairah F1 IWPP			861			861			861					861															861	
	Fujairah F1 Total			861			861			861					861															861	
FAPCO	Fujairah F2 IWPP			2,114			2,114			2,114					2,114															2,114	
	Fujairah F2 Total			2,114			2,114			2,114					2,114															2,114	
SPC	Shams 1					50	50					50	50									50	50						50		
	Shams 1 Total					50	50					50	50									50	50						50		
<b>Total</b>			365	13,342	304	1,485	50	15,546		365	13,342	304	1,485	50	15,546		365	13,360	118	1,327	50	15,220		749	14,678	118	1,327	50	16,922		

قدرة الإنتاج حسب التقنية المتبعة (ميغاوات) ٢٠١٦ - ١٩٩٩  
(القدرة المتاحة في وقت الذروة)

**Generation Capacity by Technology (Gross MW) 1999 - 2016**  
**(Available Capacity at Peak)**



قدرة الإنتاج حسب نوع المولدات (ميجاوات) ١٩٩٩ - ٢٠٠٣  
(القدرة المتاحة في وقت الذروة)

**Generation Capacity by Prime-mover (Gross MW) 1999 - 2003**  
**(Available Capacity at Peak)**

Company	Station	1999				2000				2001				2002				2003			
		Diesel Engine	Gas Turbine	Steam Turbine	Total	Diesel Engine	Gas Turbine	Steam Turbine	Total	Diesel Engine	Gas Turbine	Steam Turbine	Total	Diesel Engine	Gas Turbine	Steam Turbine	Total	Diesel Engine	Gas Turbine	Steam Turbine	Total
BPC	Abu Dhabi Gas Turbines		392		392		392		392		392		392		392		392		391		391
	Abu Dhabi Steam Turbines			128	128			120	120			120	120			120	120			120	120
	Taweelah A *		255		255																
	Al Ain	76	350		426	76	352		428	76	352		428	76	352		428	76	352		428
	<b>BPC Total</b>	<b>76</b>	<b>997</b>	<b>128</b>	<b>1,201</b>	<b>76</b>	<b>744</b>	<b>120</b>	<b>940</b>	<b>76</b>	<b>744</b>	<b>120</b>	<b>940</b>	<b>76</b>	<b>744</b>	<b>120</b>	<b>940</b>	<b>76</b>	<b>743</b>	<b>120</b>	<b>939</b>
UANPC**	Umm Al Nar East A		120		120		120		120		120		120		118		118				
	Umm Al Nar East B		130		130		130		130		130		130		130		130				
	Umm Al Nar West 1 - 6			360	360			360	360			360	360			360	360				
	Umm Al Nar West 7 - 8			300	300			320	320			300	300			300	300				
	Umm Al Nar West 9 - 10			100	100			150	150			130	130			130	130				
	Baniyas		108		108		108		108		108		108		108		108				
<b>UANPC Total</b>		<b>358</b>	<b>760</b>	<b>1,118</b>		<b>358</b>	<b>830</b>	<b>1,188</b>		<b>358</b>	<b>790</b>	<b>1,148</b>		<b>356</b>	<b>790</b>	<b>1,146</b>					
ATPC	Taweelah B			732	732			732	732			732	732			738	738			738	738
	Taweelah B2		194		194		194	143	337		194	143	337		194	143	337		194	143	337
	<b>ATPC Total</b>		<b>194</b>	<b>732</b>	<b>926</b>		<b>194</b>	<b>875</b>	<b>1,069</b>		<b>194</b>	<b>875</b>	<b>1,069</b>		<b>194</b>	<b>881</b>	<b>1,075</b>		<b>194</b>	<b>881</b>	<b>1,075</b>
AMPC	Al Mirfa		192		192		196		196		191		191		186		186		186		186
	Madinat Zayed		100		100		113		113		109		109		109		109		109		109
	<b>AMPC Total</b>		<b>292</b>		<b>292</b>		<b>309</b>		<b>309</b>		<b>300</b>		<b>300</b>		<b>295</b>		<b>295</b>		<b>295</b>		<b>295</b>
ECPC	Taweelah A2						555		555		555	222	777		555	222	777		555	222	777
	<b>ECPC Total</b>						<b>555</b>		<b>555</b>		<b>555</b>	<b>222</b>	<b>777</b>		<b>555</b>	<b>222</b>	<b>777</b>		<b>555</b>	<b>222</b>	<b>777</b>
GTTPC	Taweelah A1						255		255		266		266		608	405	1,013		799	608	1,407
	<b>GTTPC Total</b>						<b>255</b>		<b>255</b>		<b>266</b>		<b>266</b>		<b>608</b>	<b>405</b>	<b>1,013</b>		<b>799</b>	<b>608</b>	<b>1,407</b>
SCIPCO	S1																				
	<b>SCIPCO Total</b>																				
APC	Umm Al Nar																				
	<b>APC Total</b>																				
<b>Total</b>		<b>76</b>	<b>1,841</b>	<b>1,620</b>	<b>3,537</b>	<b>76</b>	<b>2,415</b>	<b>1,825</b>	<b>4,316</b>	<b>76</b>	<b>2,417</b>	<b>2,007</b>	<b>4,500</b>	<b>76</b>	<b>2,752</b>	<b>2,418</b>	<b>5,246</b>	<b>76</b>	<b>2,834</b>	<b>2,621</b>	<b>5,531</b>

\* Taweelah A converted to Taweelah A1 IWPP in Sep 2000

\*\* UANPC converted to Arabian Power Company (APC) IWPP in July 2003

قدرة الإنتاج حسب نوع المولدات (ميغاوات) ٢٠٠٤ - ٢٠٠٨  
(القدرة المتاحة في وقت الذروة)

**Generation Capacity by Prime-mover (Gross MW) 2004 - 2008**  
**(Available Capacity at Peak)**

Company	Station	2004				2005				2006				2007				2008				
		Diesel Engine	Gas Turbine	Steam Turbine	Total	Diesel Engine	Gas Turbine	Steam Turbine	Total	Diesel Engine	Gas Turbine	Steam Turbine	Total	Diesel Engine	Gas Turbine	Steam Turbine	Total	Diesel Engine	Gas Turbine	Steam Turbine	Total	
BPC	Abu Dhabi Gas Turbines		391		391		359		359		239		239			76	76					
	Abu Dhabi Steam Turbines			120	120			120	120			120	120									
	Taweelah A *																					
	Al Ain	76	352		428	76	352		428		352		352		256		256		256		256	256
	<b>BPC Total</b>	<b>76</b>	<b>743</b>	<b>120</b>	<b>939</b>	<b>76</b>	<b>711</b>	<b>120</b>	<b>907</b>		<b>591</b>	<b>120</b>	<b>711</b>		<b>256</b>	<b>76</b>	<b>332</b>		<b>256</b>		<b>256</b>	<b>256</b>
ATPC	Taweelah B			738	738																	
	Taweelah B2		194	143	337																	
	<b>ATPC Total</b>		<b>194</b>	<b>881</b>	<b>1,075</b>																	
TAPCO ***	Taweelah B							825	825			878	878			881	881			825	825	
	Taweelah B2						216	143	359		207	143	350		208	143	351		216	143	359	
	Taweelah New Extension																		702	335	1,037	
	<b>ATPC Total</b>						<b>216</b>	<b>968</b>	<b>1,184</b>		<b>207</b>	<b>1,021</b>	<b>1,228</b>		<b>208</b>	<b>1,024</b>	<b>1,232</b>		<b>918</b>	<b>1,303</b>	<b>2,221</b>	
AMPC	Al Mirfa		186		186		186		186		186		186		185		185		186		186	
	Madinat Zayed		109		109		109		109		109		109		109		109		109		109	
	<b>AMPC Total</b>		<b>295</b>		<b>295</b>		<b>295</b>		<b>295</b>		<b>295</b>		<b>295</b>		<b>294</b>		<b>294</b>		<b>295</b>		<b>295</b>	
ECPC	Taweelah A2		555	222	777		555	222	777		541	221	762		542	221	763		540	220	760	
	<b>ECPC Total</b>		<b>555</b>	<b>222</b>	<b>777</b>		<b>555</b>	<b>222</b>	<b>777</b>		<b>541</b>	<b>221</b>	<b>762</b>		<b>542</b>	<b>221</b>	<b>763</b>		<b>540</b>	<b>220</b>	<b>760</b>	
GTTPC	Taweelah A1		823	608	1,431		823	608	1,431		814	602	1,416		813	602	1,415		813	601	1,414	
	<b>GTTPC Total</b>		<b>823</b>	<b>608</b>	<b>1,431</b>		<b>823</b>	<b>608</b>	<b>1,431</b>		<b>814</b>	<b>602</b>	<b>1,416</b>		<b>813</b>	<b>602</b>	<b>1,415</b>		<b>813</b>	<b>601</b>	<b>1,414</b>	
SCIPCO	S1		1,107	503	1,610		1,107	503	1,610		1,084	501	1,585		1,078	499	1,577		1,104	511	1,615	
	<b>SCIPCO Total</b>		<b>1,107</b>	<b>503</b>	<b>1,610</b>		<b>1,107</b>	<b>503</b>	<b>1,610</b>		<b>1,084</b>	<b>501</b>	<b>1,585</b>		<b>1,078</b>	<b>499</b>	<b>1,577</b>		<b>1,104</b>	<b>511</b>	<b>1,615</b>	
APC	Umm Al Nar		248	790	1,038		248	790	1,038		884	790	1,674		1,176	1,268	2,444		1,171	1,265	2,436	
	<b>APC Total</b>		<b>248</b>	<b>790</b>	<b>1,038</b>		<b>248</b>	<b>790</b>	<b>1,038</b>		<b>884</b>	<b>790</b>	<b>1,674</b>		<b>1,176</b>	<b>1,268</b>	<b>2,444</b>		<b>1,171</b>	<b>1,265</b>	<b>2,436</b>	
ESWPC	Fujairah F1 IWPP						407	234	641		407	234	641		407	234	641		407	234	641	
	<b>Fujairah F1 Total</b>						<b>407</b>	<b>234</b>	<b>641</b>		<b>407</b>	<b>234</b>	<b>641</b>		<b>407</b>	<b>234</b>	<b>641</b>		<b>407</b>	<b>234</b>	<b>641</b>	
<b>Total</b>		<b>76</b>	<b>3,965</b>	<b>3,124</b>	<b>7,165</b>	<b>76</b>	<b>4,362</b>	<b>3,445</b>	<b>7,883</b>		<b>4,823</b>	<b>3,489</b>	<b>8,312</b>		<b>4,774</b>	<b>3,924</b>	<b>8,698</b>		<b>5,504</b>	<b>4,134</b>	<b>9,638</b>	

قدرة الإنتاج حسب نوع المولدات (ميجاوات) ٢٠٠٩ - ٢٠١٣  
 (القدرة المتاحة في وقت الذروة)

**Generation Capacity by Prime-mover (Gross MW) 2009 - 2013**  
**(Available Capacity at Peak)**

Company	Station	2009				2010				2011				2012				2013			
		Diesel Engine	Gas Turbine	Steam Turbine	Total	Diesel Engine	Gas Turbine	Steam Turbine	Total	Diesel Engine	Gas Turbine	Steam Turbine	Total	Diesel Engine	Gas Turbine	Steam Turbine	Total	Diesel Engine	Gas Turbine	Steam Turbine	Total
TAPCO ***	Taweelah B			825	825			825	825			825	825			825	825			825	825
	Taweelah B2		216	143	359		216	143	359		216	143	359		216	143	359		215	143	358
	Taweelah New Extension		702	335	1,037		702	335	1,037		702	335	1,037		702	335	1,037		702	335	1,037
	ATPC Total		918	1,303	2,221		918	1,303	2,221		918	1,303	2,221		918	1,303	2,221		917	1,303	2,220
AMPC	Ain		256		256		256		256		256		256		256		256		256		256
	Al Mirfa		186		186		186		186		186		186		186		186		186		186
	Madinat Zayed		109		109		109		109		109		109		109		109		109		109
	AMPC Total		551		551		551		551		551		551		551		551		551		551
ECPC	Taweelah A2		539	220	759		540	220	760		540	220	760		538	220	758		540	220	760
	ECPC Total		539	220	759		540	220	760		540	220	760		538	220	758		540	220	760
GTTPC	Taweelah A1		1,030	642	1,672		1,030	642	1,672		1,030	642	1,672		1,029	641	1,670		1,030	641	1,671
	GTTPC Total		1,030	642	1,672		1,030	642	1,672		1,030	642	1,672		1,029	641	1,670		1,030	641	1,671
SCIPCO	S1		1,104	511	1,615		1,104	511	1,615		1,104	511	1,615		1,104	511	1,615		1,104	511	1,615
	SCIPCO Total		1,104	511	1,615		1,104	511	1,615		1,104	511	1,615		1,104	511	1,615		1,104	511	1,615
RPC*	S2		971	656	1,627		968	655	1,623		971	656	1,627		968	655	1,623		971	656	1,627
	RPC Total		971	656	1,627		968	655	1,623		971	656	1,627		968	655	1,623		971	656	1,627
APC	Umm Al Nar		1,168	1,265	2,433		1,167	1,263	2,430		1,167	1,263	2,430		1,167	1,263	2,430		1,167	1,263	2,430
	APC Total		1,168	1,265	2,433		1,167	1,263	2,430		1,167	1,263	2,430		1,167	1,263	2,430		1,167	1,263	2,430
ESWPC	Fujairah F1 IWPP		627	234	861		627	234	861		627	234	861		627	234	861		627	234	861
	Fujairah F1 Total		627	234	861		627	234	861		627	234	861		627	234	861		627	234	861
FAPCO*	Fujairah F2 IWPP						1,256	857	2,113		1,256	857	2,113		1,256	857	2,113		1,256	858	2,114
	Fujairah F2 Total						1,256	857	2,113		1,256	857	2,113		1,256	857	2,113		1,256	858	2,114
MIPCO	Mirfa IWPP																			50	50
	Mirfa IWPP Total																			50	50
	<b>Total</b>		5,937	4,175	10,112		7,193	5,030	12,223		8,164	5,686	13,850		8,158	5,684	13,842		8,163	5,736	13,899

قدرة الإنتاج حسب نوع المولدات (ميجاوات) ٢٠١٧ - ٢٠١٤  
(القدرة المتاحة في وقت الذروة)

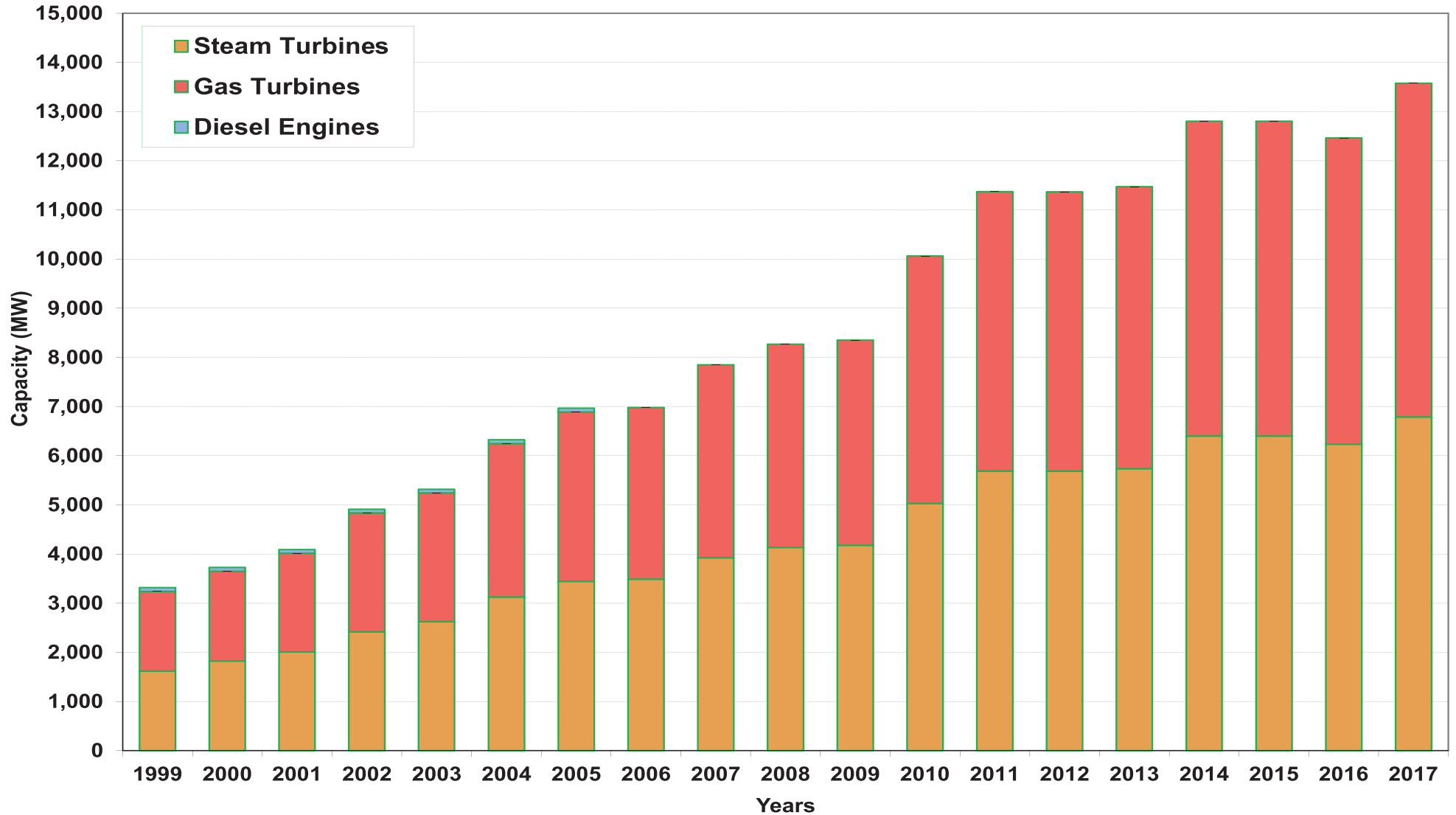
**Generation Capacity by Prime-mover (Gross MW) 2014 - 2017**  
**(Available Capacity at Peak)**

Company	Station	2014				2015				2016				2017			
		Diesel Engine	Gas Turbine	Steam Turbine	Total	Diesel Engine	Gas Turbine	Steam Turbine	Total	Diesel Engine	Gas Turbine	Steam Turbine	Total	Diesel Engine	Gas Turbine	Steam Turbine	Total
TAPCO	Taweelah B			825	825			825	825			825	825			825	825
	Taweelah B2		215	143	358		215	143	358		215	143	358		215	143	358
	Taweelah New Extension		702	335	1,037		702	335	1,037		702	335	1,037		702	335	1,037
	ATPC Total		917	1,303	2,220		917	1,303	2,220		917	1,303	2,220		917	1,303	2,220
AMPC	Al Ain		256		256		256		256		256		256		256		256
	Al Mirfa		186		186		186		186								
	Madinat Zayed		109		109		109		109		109		109		109		109
	AMPC Total		551		551		551		551		365		365		365		365
ECPC	Taweelah A2		540	220	760		540	220	760		540	220	760		540	220	760
	ECPC Total		540	220	760		540	220	760		540	220	760		540	220	760
GTPC	Taweelah A1		1,030	641	1,671		1,030	641	1,671		1,030	641	1,671		1,030	641	1,671
	GTPC Total		1,030	641	1,671		1,030	641	1,671		1,030	641	1,671		1,030	641	1,671
SCIPCO	S1		1,104	511	1,615		1,104	511	1,615		1,104	511	1,615		1,104	511	1,615
	SCIPCO Total		1,104	511	1,615		1,104	511	1,615		1,104	511	1,615		1,104	511	1,615
RPC	S2		971	656	1,627		971	656	1,627		971	656	1,627		971	656	1,627
	RPC Total		971	656	1,627		971	656	1,627		971	656	1,627		971	656	1,627
SAPCO	S3		982	665	1,647		982	665	1,647		982	665	1,647		982	665	1,647
	SAPCO Total		982	665	1,647		982	665	1,647		982	665	1,647		982	665	1,647
APC	Umm Al Nar		1,167	1,263	2,430		1,167	1,263	2,430		1,197	1,093	2,290		1,197	1,093	2,290
	APC Total		1,167	1,263	2,430		1,167	1,263	2,430		1,197	1,093	2,290		1,197	1,093	2,290
ESWPC	Fujairah F1 IWPP		627	234	861		627	234	861		627	234	861		627	234	861
	Fujairah F1 Total		627	234	861		627	234	861		627	234	861		627	234	861
FAPCO*	Fujairah F2 IWPP		1,256	858	2,114		1,256	858	2,114		1,256	858	2,114		1,256	858	2,114
	Fujairah F2 Total		1,256	858	2,114		1,256	858	2,114		1,256	858	2,114		1,256	858	2,114
SHAMS*	Shams1			50	50			50	50			50	50			50	50
	Shams 1 Total			50	50			50	50			50	50			50	50
MIPCO	Mirfa IWPP													1,146	556	1,702	
	Mirfa IWPP Total													1,146	556	1,702	
<b>Total</b>			<b>9,145</b>	<b>6,401</b>	<b>15,546</b>		<b>9,145</b>	<b>6,401</b>	<b>15,546</b>		<b>8,989</b>	<b>6,231</b>	<b>15,220</b>		<b>10,135</b>	<b>6,787</b>	<b>16,922</b>

\* Shams 1 actual capacity is 100MW but 50MW available at the time of peak.

قدرة الإنتاج حسب نوع المولدات (ميغاوات) ١٩٩٩ - ٢٠١٦  
 (القدرة المتاحة في وقت الذروة)

**Generation Capacity by Prime-mover (Gross MW) 1999 - 2016**  
**(Available Capacity at Peak)**



قدرة التحلية حسب أسلوب التحلية ١٩٩٩ - ٢٠٠٣ (مليون جالون/يوم)  
(القدرة المتاحة في وقت الذروة)

**Desalination Capacity by Technology (Gross MGD) 1999 - 2003**  
**(Available Capacity at Peak)**

Company	Station	1999				2000				2001				2002				2003			
		MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total
BPC	Abu Dhabi Steam Turbines	15			15	15			15	15			15	15			15	15			15
	Taweelah A *	29			29	29			29												
	<b>BPC Total</b>	<b>44</b>			<b>44</b>	<b>44</b>			<b>44</b>	<b>15</b>			<b>15</b>	<b>15</b>			<b>15</b>	<b>15</b>			<b>15</b>
UANPC**	Umm Al Nar East A	19			19	19			19				19								
	Umm Al Nar East B	23			23	23			23				23								
	Umm Al Nar West 1 - 6	28			28	28			28				28								
	Umm Al Nar West 7 - 8	26			26	26			26				26								
	Umm Al Nar West 9 - 10						7		7		7		7		7						
	Umm Al Nar B												63								
	<b>UANPC Total</b>	<b>95</b>			<b>95</b>	<b>95</b>	<b>7</b>		<b>102</b>	<b>95</b>	<b>7</b>		<b>102</b>	<b>158</b>	<b>7</b>		<b>165</b>				
ATPC	Taweelah B	72			72	72			72				72				72				72
	Taweelah B2					23			23				23				23				23
	<b>ATPC Total</b>	<b>72</b>			<b>72</b>	<b>95</b>			<b>95</b>	<b>95</b>			<b>95</b>	<b>95</b>			<b>95</b>	<b>95</b>			<b>95</b>
AMPC	Al Mirfa	16			16	16			16	31			31	39			39	39			39
	<b>AMPC Total</b>	<b>16</b>			<b>16</b>	<b>16</b>			<b>16</b>	<b>31</b>			<b>31</b>	<b>39</b>			<b>39</b>	<b>39</b>			<b>39</b>
ECPC	Taweelah A2									51			51	51			51	51			51
	<b>ECPC Total</b>									<b>51</b>			<b>51</b>	<b>51</b>			<b>51</b>	<b>51</b>			<b>51</b>
GTTPC	Taweelah A1									31			31	32	53		85	32	53		85
	<b>GTTPC Total</b>									<b>31</b>			<b>31</b>	<b>32</b>	<b>53</b>		<b>85</b>	<b>32</b>	<b>53</b>		<b>85</b>
SCIPCO	S1																				
	<b>SCIPCO Total</b>																				
APC	Umm Al Nar																	158	7		165
	<b>APC Total</b>																	<b>158</b>	<b>7</b>		<b>165</b>
<b>Total</b>		<b>227</b>			<b>227</b>	<b>251</b>	<b>7</b>		<b>258</b>	<b>318</b>	<b>7</b>		<b>325</b>	<b>391</b>	<b>60</b>		<b>451</b>	<b>390</b>	<b>60</b>		<b>449</b>

\* Taweelah A converted to Taweelah A1 IWPP in Sep 2000.

قدرة التحلية حسب أسلوب التحلية ٢٠٠٤ - ٢٠٠٨ (مليون جالون/يوم)  
(القدرة المتاحة في وقت الذروة)

**Desalination Capacity by Technology (Gross MGD) 2004 - 2008**  
**(Available Capacity at Peak)**

Company	Station	2004				2005				2006				2007				2008				
		MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	
BPC	Abu Dhabi Steam Turbines	15			15	15			15	15			15	15			15					
	Taweelah A *																					
	<b>BPC Total</b>	<b>15</b>			<b>15</b>	<b>15</b>			<b>15</b>	<b>15</b>			<b>15</b>	<b>15</b>			<b>15</b>					
ATPC	Taweelah B	72			72																	
	Taweelah B2	23			23																	
	<b>ATPC Total</b>	<b>95</b>			<b>95</b>																	
TAPCO	Taweelah B					72			72	70			70				70	70				70
	Taweelah B2					23			23	23			23				23	23				23
	Taweelah New Extension																69	69				69
	<b>TAPCO Total</b>					<b>95</b>			<b>95</b>	<b>93</b>			<b>93</b>	<b>93</b>			<b>93</b>	<b>162</b>				<b>162</b>
AMPC	Al Mirfa	39			39	39			39	39			39	39			39	39				39
	<b>AMPC Total</b>	<b>39</b>			<b>39</b>	<b>39</b>			<b>39</b>	<b>39</b>			<b>39</b>	<b>39</b>			<b>39</b>	<b>39</b>				<b>39</b>
ECPC	Taweelah A2	51			51	51			51	51			51	51			51	51				51
	<b>ECPC Total</b>	<b>51</b>			<b>51</b>	<b>51</b>			<b>51</b>	<b>51</b>			<b>51</b>	<b>51</b>			<b>51</b>	<b>51</b>				<b>51</b>
GTTPC	Taweelah A1	32	53		85	32	53		85	32	53		85	32	53		85	32	53		85	85
	<b>GTTPC Total</b>	<b>32</b>	<b>53</b>		<b>85</b>	<b>32</b>	<b>53</b>		<b>85</b>	<b>32</b>	<b>53</b>		<b>85</b>	<b>32</b>	<b>53</b>		<b>85</b>	<b>32</b>	<b>53</b>		<b>85</b>	<b>85</b>
SCIPCO	S1	101			101	101			101	101			101	101			101	101				101
	<b>SCIPCO Total</b>	<b>101</b>			<b>101</b>	<b>101</b>			<b>101</b>	<b>101</b>			<b>101</b>	<b>101</b>			<b>101</b>	<b>101</b>				<b>101</b>
APC**	Umm Al Nar	158	7		165	158	7		165	177	7		184	138	7		145	138	7		145	145
	<b>APC Total</b>	<b>158</b>	<b>7</b>		<b>165</b>	<b>158</b>	<b>7</b>		<b>165</b>	<b>177</b>	<b>7</b>		<b>184</b>	<b>138</b>	<b>7</b>		<b>145</b>	<b>138</b>	<b>7</b>		<b>145</b>	<b>145</b>
ESWPC	Fujairah F1 IWPP					64		38	102	64		38	102	64		38	102	64		38	102	102
	<b>ESWPC Total</b>					<b>64</b>		<b>38</b>	<b>102</b>	<b>64</b>		<b>38</b>	<b>102</b>	<b>64</b>		<b>38</b>	<b>102</b>	<b>64</b>		<b>38</b>	<b>102</b>	<b>102</b>
<b>Total</b>		<b>490</b>	<b>60</b>		<b>550</b>	<b>554</b>	<b>60</b>	<b>38</b>	<b>652</b>	<b>571</b>	<b>60</b>	<b>38</b>	<b>668</b>	<b>533</b>	<b>60</b>	<b>38</b>	<b>631</b>	<b>586</b>	<b>60</b>	<b>38</b>	<b>683</b>	

\* Taweelah A converted to Taweelah A1 IWPP in Sep 2000.

\*\* UANPC converted to Arabian Power Company (APC) IWPP in July 2003.

\*\* ATPC converted to Taweelah Asia Power Company (TAPCO) IWPP in April 2005.

قدرة التحلية حسب أسلوب التحلية ٢٠٠٩ - ٢٠١٣ (مليون جالون/يوم)  
(القدرة المتاحة في وقت الذروة)

**Desalination Capacity by Technology (Gross MGD) 2009 - 2013**  
**(Available Capacity at Peak)**

Company	Station	2009				2010				2011				2012				2013			
		MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total
TAPCO	Taweelah B	70			70	70			70	70			70	70			70	70			70
	Taweelah B2	23			23	23			23	23			23	23			23	23			23
	Taweelah New Extension	69			69	69			69	69			69	69			69	69			69
	TAPCO Total	162			162	162			162	162			162	162			162	162			162
AMPC	Al Mirfa	39			39	39			39	39			39	39			39	39			39
	AMPC Total	39			39	39			39	39			39	39			39	39			39
ECPC	Taweelah A2	51			51	51			51	51			51	51			51	51			51
	ECPC Total	51			51	51			51	51			51	51			51	51			51
GTTPC	Taweelah A1	32	53		85	32	53		85	32	53		85	32	53		85	32	53		85
	GTTPC Total	32	53		85	32	53		85	32	53		85	32	53		85	32	53		85
SCIPCO	S1	101			101	101			101	101			101	101			101	101			101
	SCIPCO Total	101			101	101			101	101			101	101			101	101			101
RPC	S2								101				101				101	101			101
	RPC Total								101				101				101	101			101
APC	Umm Al Nar	138	7		145	138	7		145	138	7		145	138	7		145	138	7		145
	APC Total	138	7		145	138	7		145	138	7		145	138	7		145	138	7		145
ESWPC	Fujairah F1 IWPP	64		38	102	64		38	102	64		38	102	64		38	102	64		38	102
	ESWPC Total	64		38	102	64		38	102	64		38	102	64		38	102	64		38	102
FAPCO	Fujairah F2 IWPP						102	30	132		102	30	132		102	30	132		102	30	132
	FAPCO Total						102	30	132		102	30	132		102	30	132		102	30	132
	<b>Total</b>	<b>586</b>	<b>60</b>	<b>38</b>	<b>683</b>	<b>586</b>	<b>162</b>	<b>68</b>	<b>815</b>	<b>687</b>	<b>162</b>	<b>68</b>	<b>916</b>	<b>687</b>	<b>162</b>	<b>68</b>	<b>916</b>	<b>687</b>	<b>162</b>	<b>68</b>	<b>916</b>

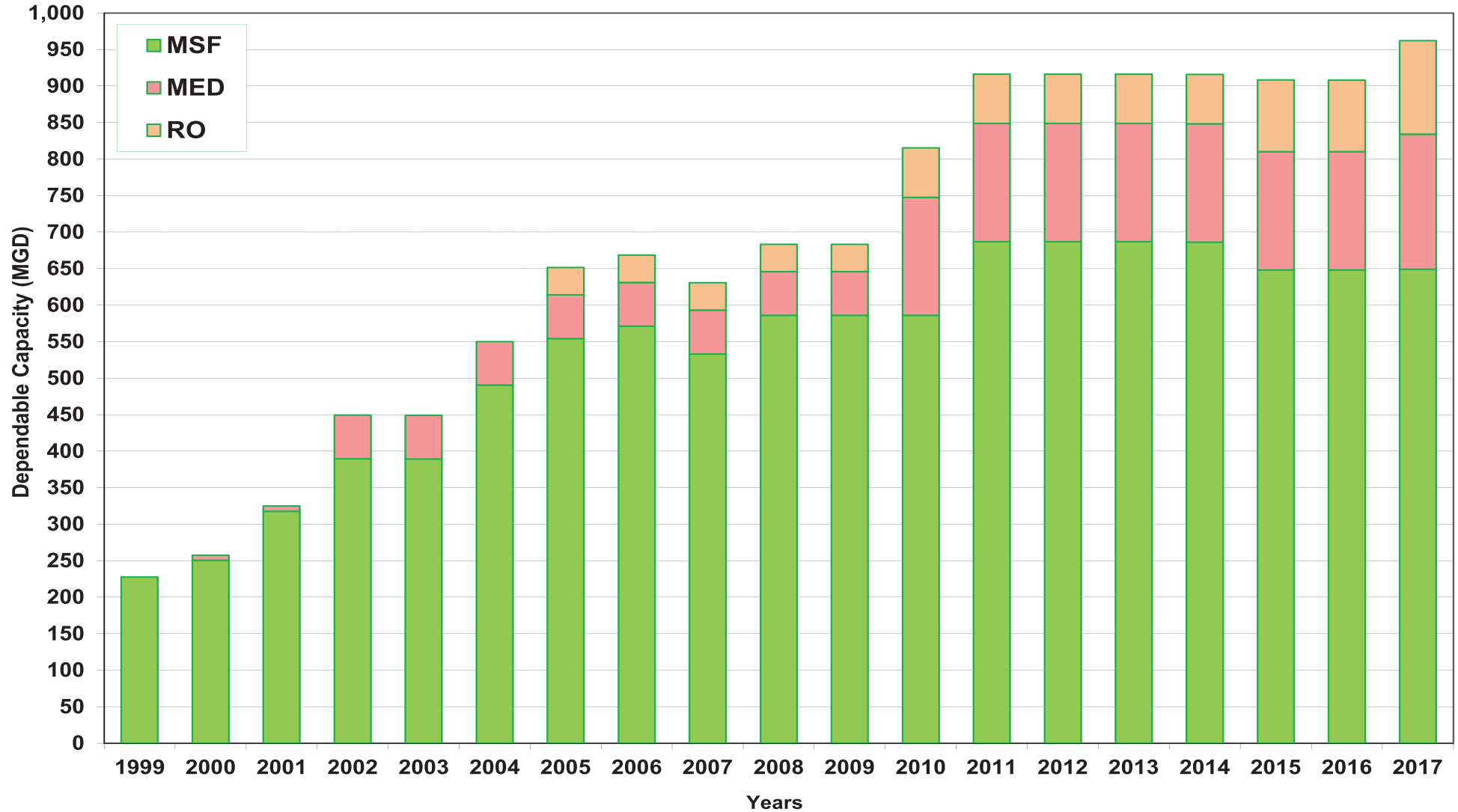
قدرة التحلية حسب أسلوب التحلية ٢٠١٤ - ٢٠١٧ (مليون جالون/يوم)  
(القدرة المتاحة في وقت الذروة)

**Desalination Capacity by Technology (Gross MGD) 2014 - 2017**  
**(Available Capacity at Peak)**

Company	Station	2014				2015				2016				2017			
		MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total
TAPCO	Taweelah B	70			70	70			70	70			70	70			70
	Taweelah B2	23			23	23			23	23			23	23			23
	Taweelah New Extension	69			69	69			69	69			69	69			69
	TAPCO Total	162			162	162			162	162			162	162			162
AMPC	Al Mirfa	39			39												
	AMPC Total	39			39												
MIPCO	Mirfa IWPP													23	30		53
	MIPCO Total													23	30		53
ECPC	Taweelah A2	51			51	51			51	51			51	51			51
	ECPC Total	51			51	51			51	51			51	51			51
GTTPC	Taweelah A1	32	53		85	32	53		85	32	53		85	32	53		85
	GTTPC Total	32	53		85	32	53		85	32	53		85	32	53		85
SCIPCO	S1	101			101	101			101	101			101	101			101
	SCIPCO Total	101			101	101			101	101			101	101			101
RPC	S2	101			101	101			101	101			101	101			101
	RPC Total	101			101	101			101	101			101	101			101
APC	Umm Al Nar	138	7		145	138	7		145	138	7		145	138	7		145
	APC Total	138	7		145	138	7		145	138	7		145	138	7		145
ESWPC	Fujairah F1 IWPP	64		38	102	64		38	102	64		38	102	64		38	102
	Fujairah F1 Extension							30	30			30	30			30	30
	ESWPC Total	64		38	102	64		68	132	64		68	132	64		68	132
FAPCO	Fujairah F2 IWPP		102	30	132		102	30	132		102	30	132		102	30	132
	FAPCO Total		102	30	132		102	30	132		102	30	132		102	30	132
	<b>Total</b>	<b>686</b>	<b>162</b>	<b>68</b>	<b>916</b>	<b>648</b>	<b>162</b>	<b>98</b>	<b>908</b>	<b>648</b>	<b>162</b>	<b>98</b>	<b>908</b>	<b>648</b>	<b>185</b>	<b>128</b>	<b>961</b>

قدرة التحلية حسب أسلوب التحلية ١٩٩٩ - ٢٠١٧ (مليون جالون/يوم)  
 (القدرة المتاحة في وقت الذروة)

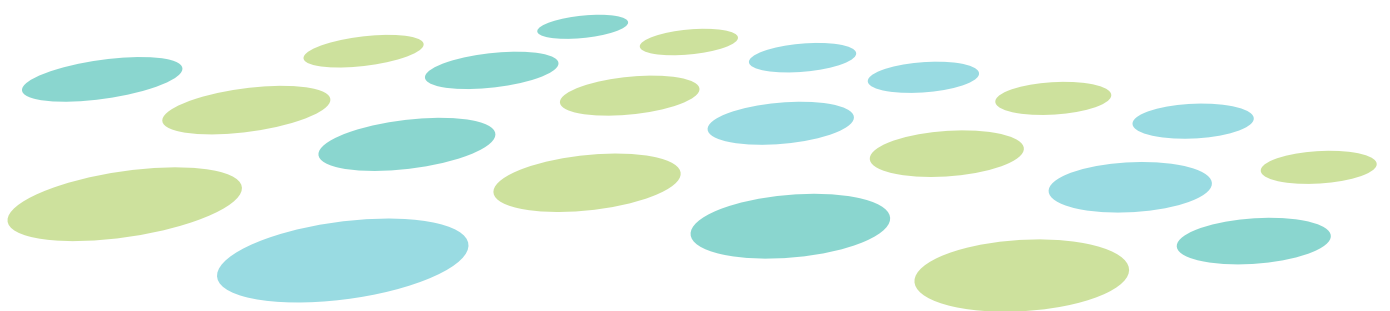
**Desalination Capacity by Technology (Gross MGD) 1999 - 2017**  
**(Available Capacity at Peak)**





# CO<sub>2</sub> Emissions

## إنبعاثات ثاني أكسيد الكربون



## إنبعاثات غاز ثاني أكسيد الكربون

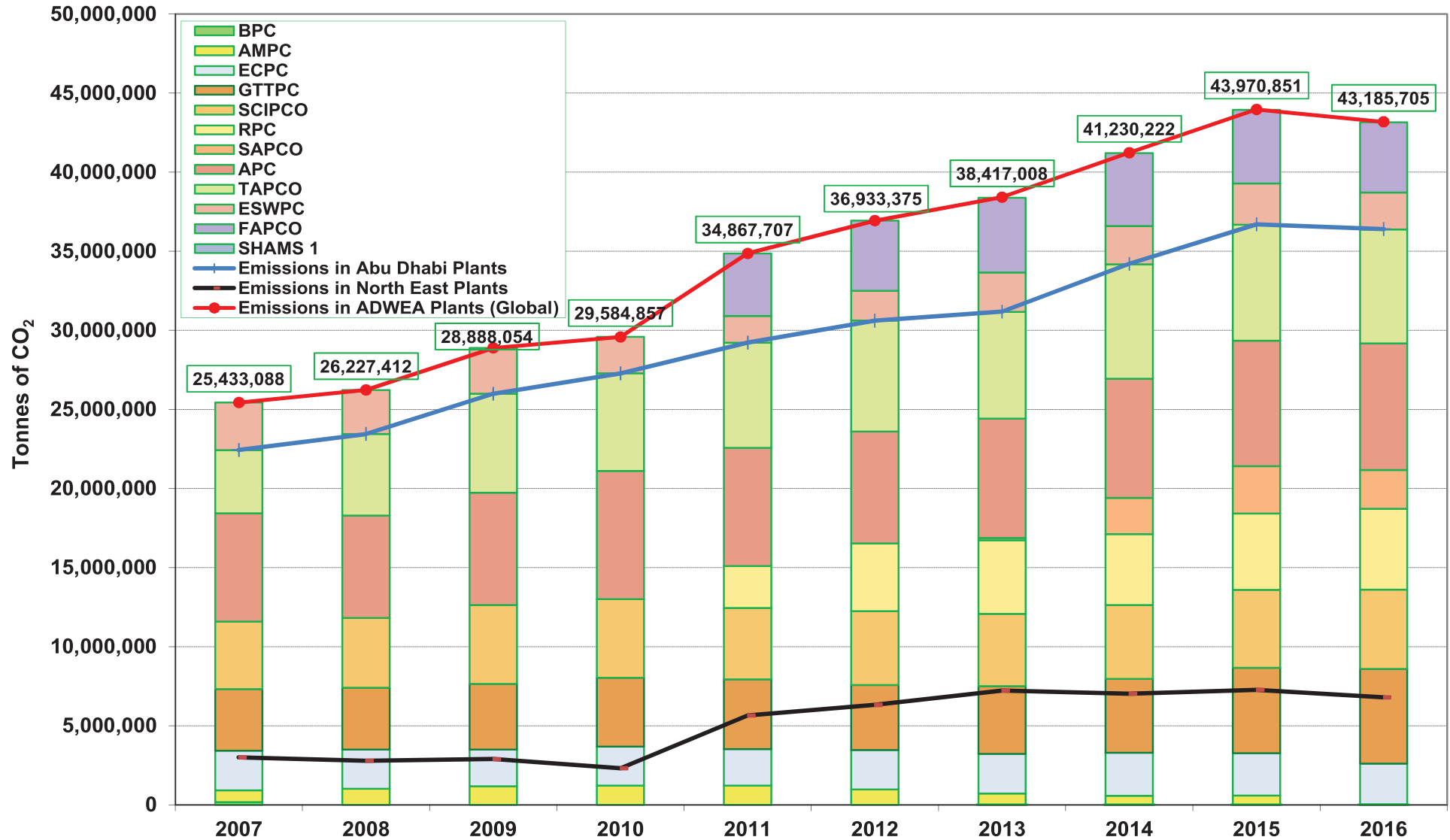
### CO<sub>2</sub> EMISSIONS

CO2 Emissions (Tonnes) calculated as per the  
Emission Intensity Calculation Tool

115 - 116

إنبعاثات غاز ثاني أكسيد الكربون (بالطن)  
حسب طريقة تركيز الانبعاثات

CO<sub>2</sub> Emissions (Tonnes) calculated as per the Emission Intensity Calculation Tool



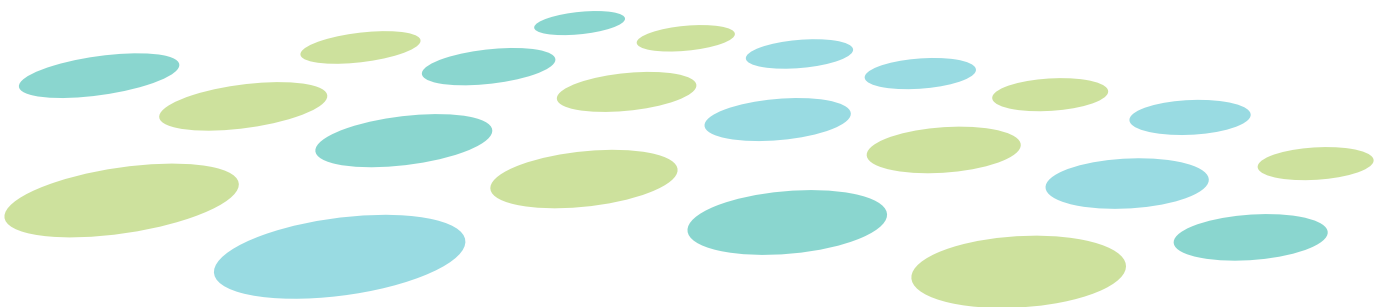
## إنبعاثات غاز ثاني أكسيد الكربون (بالطن) حسب طريقة تركيز الانبعاثات

### CO<sub>2</sub> Emissions (Tonnes) calculated as per the Emission Intensity Calculation Tool

Company	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Bainounah Power Company (BPC)	174,332	-	-	-	-	-	-	-	-	-
Al Mirfa Power Company (AMPC)	737,584	1,015,213	1,170,515	1,213,189	1,214,842	967,222	719,818	564,901	581,464	29,127
Gulf Total Tractebel Company (GTTPC)	3,897,720	3,914,834	4,146,566	4,353,966	4,405,202	4,108,752	4,276,386	4,666,223	5,397,435	5,981,093
Emirates CMS Power Company (ECPC)	2,503,529	2,470,810	2,327,455	2,460,881	2,311,117	2,502,768	2,506,002	2,723,115	2,683,809	2,575,709
Taweelah Asia Power Company (TAPCO)	3,998,699	5,162,584	6,253,813	6,173,461	6,655,923	7,012,999	6,747,894	7,234,091	7,330,332	7,198,820
Shuweihat CMS International Power Company (SCIPCO)	4,267,761	4,409,445	4,986,048	4,974,783	4,508,959	4,662,943	4,566,754	4,682,727	4,924,854	5,026,197
Ruwais Power Company (RPC)	-	-	-	-	2,652,383	4,283,668	4,663,967	4,480,766	4,835,334	5,108,666
Shuweihat Asia Power Company (SAPCO)							137,416	2,283,463	2,992,366	2,443,977
Arabian Power Company (APC)	6,853,379	6,472,259	7,110,573	8,103,651	7,475,371	7,079,831	7,544,938	7,545,446	7,938,183	8,011,267
Masdar (Shams1)							24,004	27,237	21,248	23,289
Emirates SembCorp Water & Power Company (ESWPC)	3,000,083	2,782,267	2,893,084	2,304,926	1,684,134	1,876,520	2,498,668	2,419,357	2,612,001	2,343,789
Fujairah Asia Power Company (FAPCO)	-	-	-	-	3,959,776	4,438,670	4,731,161	4,602,897	4,653,826	4,443,769
<b>Emissions in Abu Dhabi Plants</b>	<b>22,433,005</b>	<b>23,445,145</b>	<b>25,994,970</b>	<b>27,279,931</b>	<b>29,223,797</b>	<b>30,618,184</b>	<b>31,187,180</b>	<b>34,207,968</b>	<b>36,705,025</b>	<b>36,398,147</b>
<b>Emissions in North East Plants</b>	<b>3,000,083</b>	<b>2,782,267</b>	<b>2,893,084</b>	<b>2,304,926</b>	<b>5,643,910</b>	<b>6,315,190</b>	<b>7,229,829</b>	<b>7,022,254</b>	<b>7,265,826</b>	<b>6,787,558</b>
<b>Emissions in ADWEA Plants (Global)</b>	<b>25,433,088</b>	<b>26,227,412</b>	<b>28,888,054</b>	<b>29,584,857</b>	<b>34,867,707</b>	<b>36,933,375</b>	<b>38,417,008</b>	<b>41,230,222</b>	<b>43,970,851</b>	<b>43,185,705</b>

# Forecasts

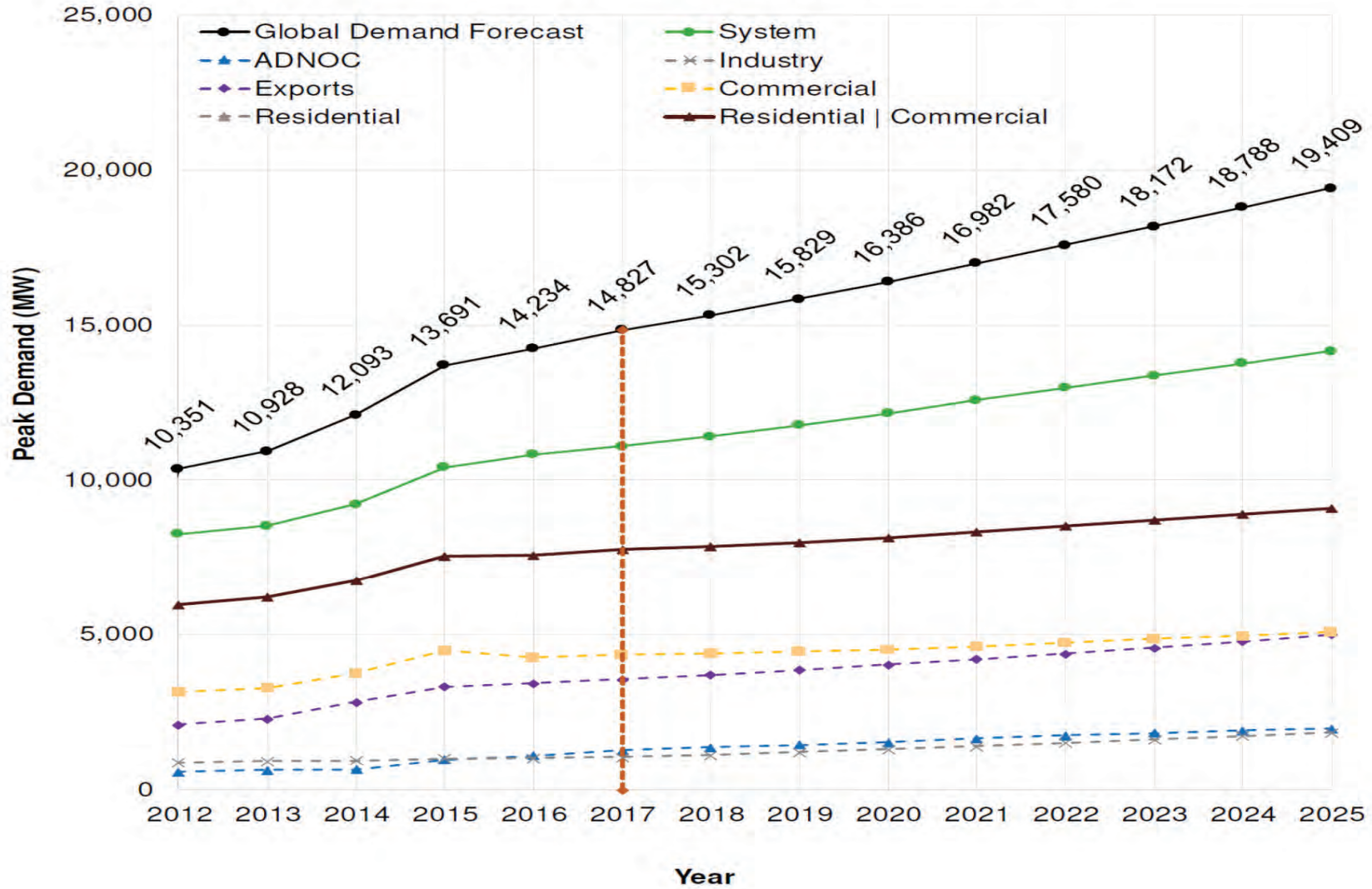
## التوقعات



## FORECASTS

Electricity Peak Demand Forecast (Gross MW)	119 - 120	توقعات الطلب القصوى على الكهرباء (ميجاوات)
Water Peak Demand Forecast (Gross MGD)	121 - 122	توقعات الطلب القصوى على الماء (مليون جالون / يوم)

**Electricity Peak Demand Forecast (Gross MW)**

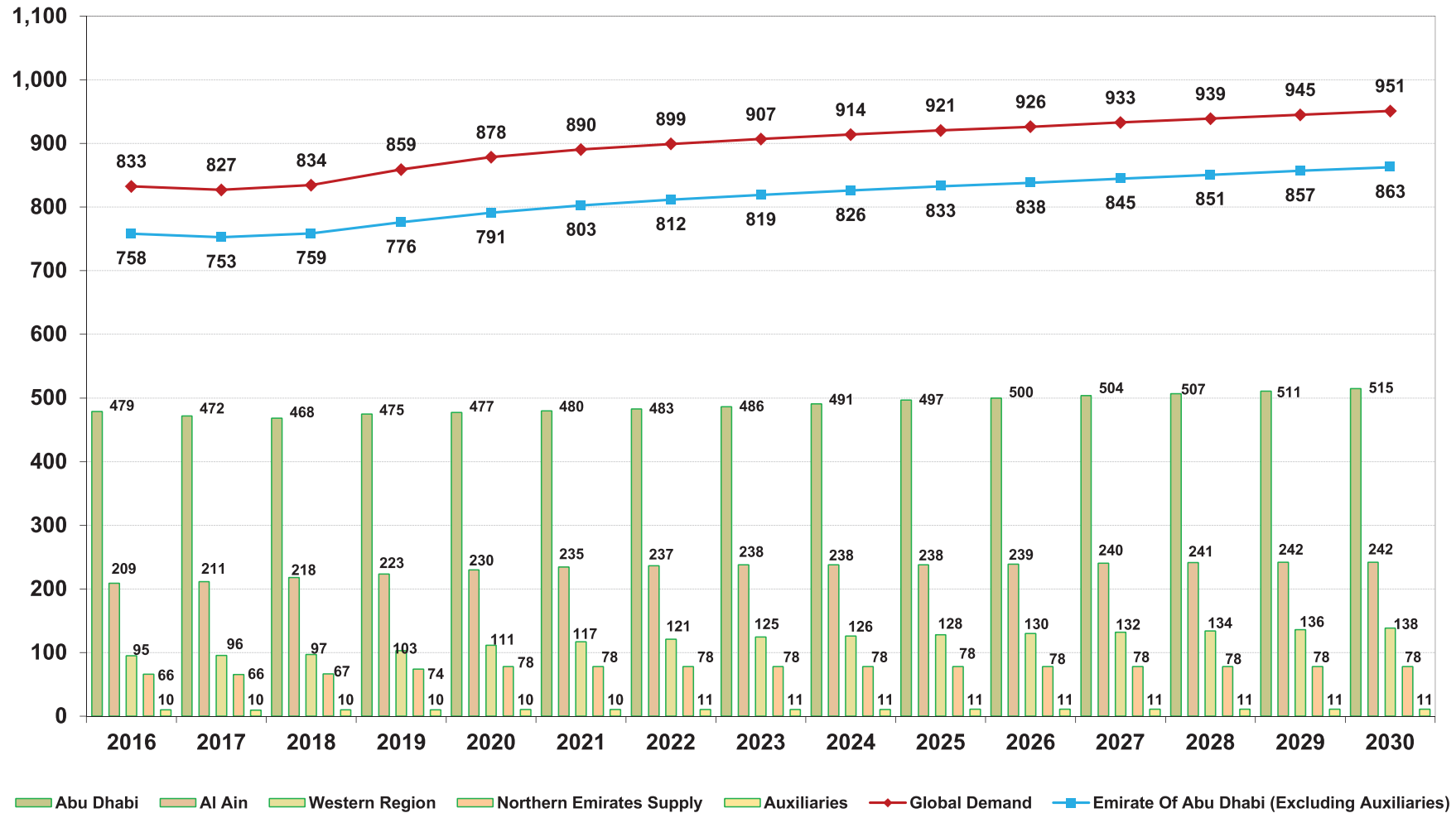




توقعات الطلب القصوى على الماء (مليون جالون / يوم)

**Water Peak Demand Forecast (Gross MGD)**

**ADWEC Regional Demand Forecast**  
**ADWEC Winter 2016/2017 Demand Forecast (Gross MIGD)**  
 Global Demand = **Emirates Of Abu Dhabi System** + **Northern Emirates Supply**



## توقعات الطلب القصوى على الماء (مليون جالون / يوم)

### Water Peak Demand Forecast (Gross MGD)

ADWEC Peak Water Demand Forecast update Winter 2016 -2017															
Diversified Regional Gross Demand (losses included)	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Abu Dhabi Region	479	472	468	475	477	480	483	486	491	497	500	504	507	511	515
Al Ain Region	209	211	218	223	230	235	237	238	238	238	239	240	241	242	242
Western Region	95	96	97	103	111	117	121	125	126	128	130	132	134	136	138
Forecast Sum of Regional Peaks	783	779	783	801	818	831	841	849	855	862	869	876	882	889	895
Forecast System Peak for Abu Dhabi Emirate	758	753	759	776	791	803	812	819	826	833	838	845	851	857	863
Regional Diversity Factor		97%	97%	97%	97%	97%	97%	97%	97%	97%	97%	96%	96%	96%	96%
Abu Dhabi Emirate Auxiliaries	8.4	8.9	9.0	9.2	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.0	10.1	10.2	10.3
Emirate of Abu Dhabi System Peak + Auxiliaries	767	762	768	785	800	812	821	829	836	843	848	855	861	867	873
Sector Totals including losses (Diversified)	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Domestic	157	150	145	141	139	138	136	134	132	130	129	129	129	128	128
Villas	81	78	74	69	68	68	66	65	64	62	61	60	59	57	56
Shabiat/ Town houses	32	30	30	29	29	29	28	28	28	27	27	27	27	26	26
Bulk & Other	348	339	344	344	341	336	331	324	317	310	305	299	294	289	283
Agricultural	26	23	21	20	19	18	18	18	17	17	17	16	16	15	15
Residential / Commercial Mega Projects	62	75	86	104	120	135	148	161	172	184	194	203	213	223	234
Industrial (including ADNOC)	46	51	59	68	75	80	85	90	96	102	106	111	114	117	120
Other	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Peak Sectoral Demands (Diversified)	758	753	759	776	791	803	812	819	826	833	838	845	851	857	863
Total System Peak (Resultant after superimposing individual peaks)	755	757	758	772	785	795	801	807	811	816	822	828	833	839	844
Categorical Diversity Factor															
Total of Sectoral Demands + Auxiliaries	767	762	768	785	800	812	821	829	836	843	848	855	861	867	873
ADWEC Supplies to the Northern Emirates	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Total FEWA	49.1	49.0	50.0	57.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
Total SEWA	17.1	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
Total FE															
Total DEWA															
Other															
Total Northern Emirates Exports Including Losses (Excluding Auxiliaries)	65	66	67	74	78	78	78	78	78	78	78	78	78	78	78
Total Northern Emirates Auxiliaries	0.72	0.78	0.80	0.88	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Total Northern Emirates Supply (Including Auxiliaries & Losses)	66	67	68	75	79	79	79	79	79	79	79	79	79	79	79
Correction for Diversity Between Abu Dhabi Emirate and NE Peaks	0														
Total Auxiliaries	9.1	9.0	9.0	9.2	9.4	9.6	9.7	9.8	9.9	9.9	10.0	10.1	10.2	10.2	10.3
Global Demand Forecast update Winter 2016-2017 = the Regional System Peak + NE + Auxiliaries - Diversity Effect Correction	833	828	835	859	879	890	899	907	914	921	926	933	939	945	951

# Glossary

## المصطلحات



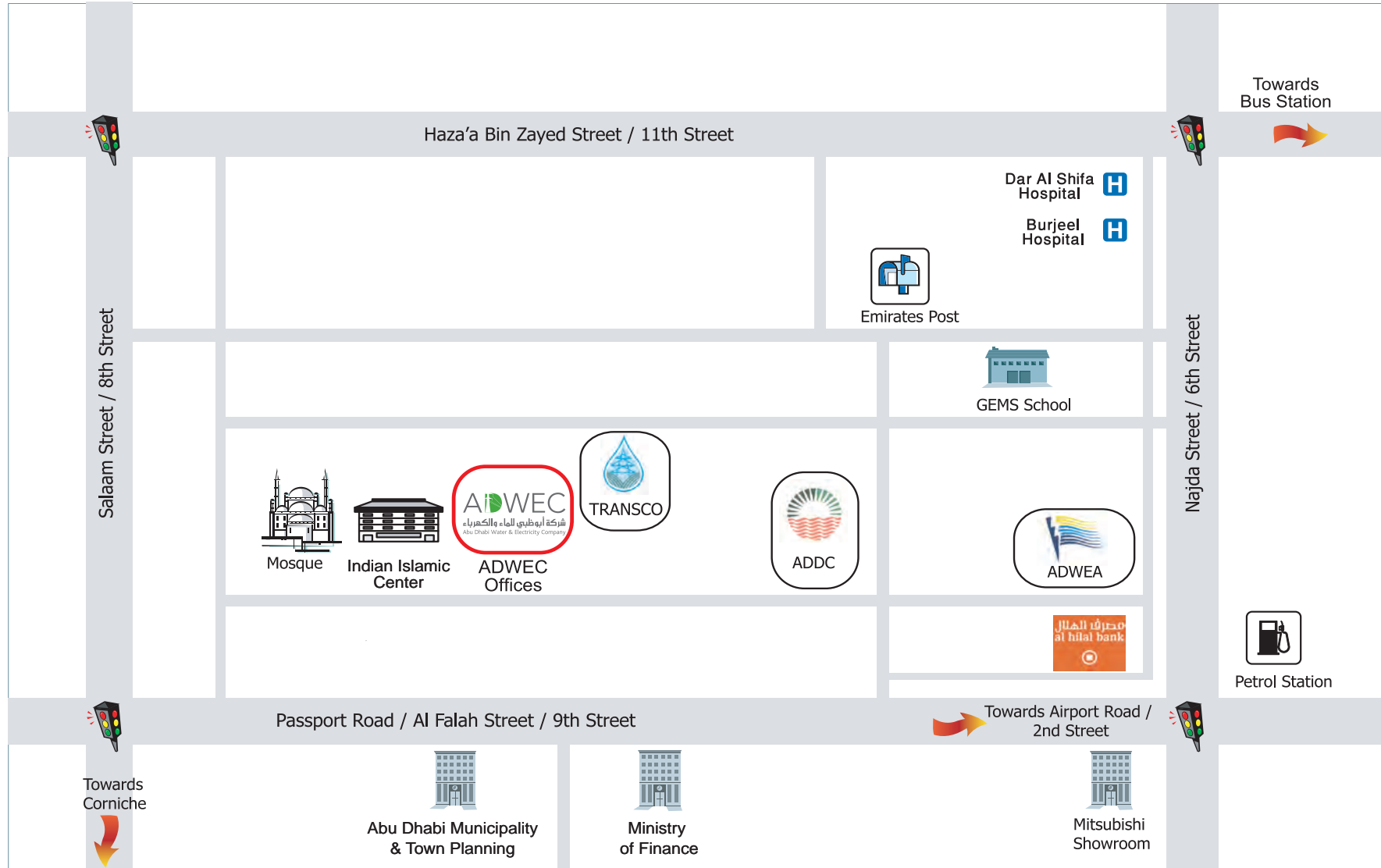
GLOSSARY

7YS	Seven Year Statement	مخطط السبع سنوات
AA	Al Ain Region	منطقة العين
AADC	Al Ain Distribution Company	شركة العين للتوزيع
AAPS	Al Ain Power Station	محطة العين للطاقة
AD	Abu Dhabi	أبوظبي
ADCO	Abu Dhabi Onshore Oil Company	شركة أبوظبي للعمليات البترولية البرية
ADDC	Abu Dhabi Distribution Company	شركة أبوظبي للتوزيع
ADH	Abu Dhabi Area	منطقة أبوظبي
ADNOC	Abu Dhabi National Oil Company	شركة أبوظبي الوطنية للبترول
ADPS	Abu Dhabi Power Station	محطة أبوظبي للطاقة
ADWEA	Abu Dhabi Water & Electricity Authority	هيئة مياه و كهرباء أبوظبي
ADWEC	Abu Dhabi Water & Electricity Company	شركة أبوظبي للماء و الكهرباء
AED	UAE Currency, Dirham	درهم. عملة دولة الإمارات
AIN	Al Ain Power Station	محطة العين للطاقة
AMPC	Al Mirfa Power Company	محطة المرفأ للطاقة
APC	Arabian Power Company	الشركة العربية للطاقة
ATPC	Al Taweelah Power Company	شركة الطويلة للطاقة
BSCFT	Billion Standard Cubic Feet	مليار قدم مكعب قياسي
BPC	Bainounah Power Company	شركة بينونة للطاقة
BPE	Boiling Point Elevation	مستوى نقطة الغليان
BPST	Back Pressure Steam Turbine	تربين بخاري ذو ضغط ارتدادي
BST	Bulk Supply Tariff	تعرفة التوريد بالجملة
Btu	British Thermal Unit	الوحدة الحرارية البريطانية
BYS	Baniyas Power Station	محطة بني ياس للطاقة / للضح
CCGT	Combined Cycle Cogeneration Plant	وحدة انتاج كهربياء و مياه ذات دورة مزدوجة
CCNW	Combined Cycle Plnat w/ no Water Production	وحدة انتاج كهربياء بدون مياه ذات دورة مزدوجة
CCRP	Capital Cost Recovery Charge Rate Power	معامل استرجاع رأس المال - الطاقة
CEST	Controlled Extractions Steam Trubine	تربين بخاري بمخارج
COD	Commercial Operation Date	تاريخ التشغيل التجاري
CO <sub>2</sub>	Carbon Dioxide	ثاني أكسيد الكربون
COPT	Capacity Outage Probability Table	جدول احتمالات انقطاع القدرة
CR	Central Region	المنطقة المتوسطة
CST	Condensing Steam Turbine	تربين بخاري مكثف
CY	Contract Year	سنة العقد
DEL	Dolphin Energy Limited	دولفين المحدودة للطاقة
DEWA	Dubai Electricity & Water Authority	هيئة كهرباء ومياه دبي
DISCO	Distribution Company	شركات التوزيع "أبوظبي و العين"
DSM	Demand Side Management	إدارة جانب الطلب
DSS	Desalination Security Standard	مقياس قدرة التحلية الإضافية
ECPC	Emirates CMS Power Company	شركة الإمارات سي إم إس للطاقة
EI	Edison Electric Institute	معهد أديسون للكهرباء
EENS	Expected Energy Not Served	الطاقة المتوقعة التي لم تحدث
EHR	Exhaust Heat Recovery Boiler (same as HRSG)	غلاية استرجاع حرارة الغاز العادم
EMAL	Emirates Aluminium	الإمارات للألنيوم
ENEC	Emirates Nuclear Energy Company	مؤسسة الإمارات للطاقة النووية
ENG	Emirates National Grid Project	مشروع الربط الكهربائي الوطني
ESWPC	Emirates SembCorp Water & Power Company	شركة الإمارات سيمكورب للماء و الطاقة
FAPCO	Fujairah Asia Power Company	شركة الفجيرة آسيا للطاقة
FEWA	Federal Electricity & Water Authority	الهيئة الاتحادية للكهرباء و الماء
FDRC	Fuel Demand of Reference Power Cycle	الطلب على الوقود لدورة طاقة معيارية
FOM	Fixed O&M Charge	التكلفة الثابتة للتشغيل و الصيانة
FOR	Forced Outage Rate	نسبة انقطاع القدرة الإجمالية
GADS	Generating Availability Data System	نظام بيانات الإنتاج المتوفرة

GAMS	General Algebraic Modelling System	نظام حل المعادلات جبرياً
GASCO	Abu Dhabi Gas Industries Company	شركة أبوظبي لصناعة الغاز
GCC	Gulf Cooperation Council	مجلس التعاون الخليجي
GD	Generation & Desalination Company	شركة انتاج الطاقة و التقطير
GeneRel	Generation Reliability Software	برنامج حساب اعتمادية التوليد
GIC	General Industries Corporation	مؤسسة الصناعات العامة
GSS	Generation Security Standard	مقياس قدرة التوليد الإضافية
GT	Gas Turbine	توربينة غازية
GTEH	Gas Turbine with HRSG / EHR Boiler	توربين غازي مع غلاية استرجاع حرارة الغاز العادم
GTS	Gas Turbine Station, at Mina	محطة التوربينات الغازية (الميناء)
GTSC	Gas Turbine, Simple Cycle or SCGT	توربين غازي ذو دورة بسيطة
GTPPC	Gulf Total Tractebel Power Company	شركة الخليج توتال تراكتيبل للطاقة
GWh	Giga Watt Hour	جيجاوات ساعة
HHPD	His Highness Private Department	الدائرة الخاصة لصاحب السمو
HLOLE	Hourly Loss of Load Expectation	احتمال فقدان الطاقة لمدة ساعة
HRSG	Heat Recovery Steam Generator (same as EHR)	غلاية استرجاع حرارة الغاز العادم
HTME	Horizontal Type Multi-effect Desalination Plant	وحدة خلية بالتأثير المتبادل من النوع الأفقي
JBE	John Brown Engineering	جون براون للهندسة
kbd	Thousand Barrels per Day	ألف برميل في اليوم
kWh	Kilo Watt Hour	كيلو وات ساعة
LDC	Load Dispatch Center	مركز التحكم بتوزيع الطاقة
LOLE	Loss of Load Expectation	احتمال فتلج الطاقة
MASDAR	Abu Dhabi Future Energy Company	شركة أبوظبي لطاقة المستقبل
MBTu	Million British Thermal Unit	مليون وحدة حرارية بريطانية
MEA	Modern Equivalent asset	ممتلكات حديثة موازية
MED	Multi-effect Desalination	خلية بالتأثير المتبادل
MENA	Middle East & North Africa Region	منطقة الشرق الأوسط و شمال أفريقيا
MG	Million (Imperial) Gallons or MIG	مليون جالون بريطاني
MGD	Million (Imperial) Gallons per Day or MIGD	مليون جالون بريطاني في اليوم
MIn	Million	مليون
MRCC	Mirfa Combined Cycle Plant	وحدة الانتاج ذات الدورة المزدوجة بالمرفاً
MRF	Al Mirfa Power Station	محطة المرفاً للطاقة
MRF-IWPP	Al Mirfa – Independent Water & Power Producer	منتج الماء و الكهرباء المستقل في المرفاً
mscft	Million standard Cubic Feet	مليون قدم مكعب قياسي
MSF	Multi-stage Flash Desalination	التحلية بالرداز متعددة المراحل
MVA	Mega Volt Ampere	ميغافولت أمبير
MVAr	Mega Volt Ampere reactive	وحدة قياس القدرة غير الفعالة - ميغافار
MVC	Mechanical Vapor Compression (Desalination)	التحلية بضغط البخار ميكانيكياً
MW	Mega Watt	ميغوات
MZD	Madinat Zayed Power Station	محطة مدينة زايد للطاقة
NDC	Net Dependable Capacity	صافي القدرة المعتمدة
NG	Natural Gas	الغاز الطبيعي
NPV	Net Present Value	صافي القيمة الحالية
O&M	Operation and Maintenance	التشغيل و الصيانة
OCGT	Open Cycle Gas Turbine (same as SCGT)	توربين بخاري ذو دورة مفتوحة (بسيطة)
OECD	Organization of Economic Cooperation for Development	منظمة التعاون الاقتصادي للتطور
OHL	Overhead Line	خط هوائي
P&D	Power & Desalination Plants / Station	مواقع / محطات الطاقة و التحلية
PCOD	Project Commercial Operation Date	تاريخ بدء التشغيل التجاري للمشروع
PD	Privatization Directorate – ADWEA	دائرة الخصخصة - الهيئة
PLR	Part Load Ratio	نسبة الحمل الجزئي
PPA	Power Purchase Agreement	اتفاقية شراء الطاقة
PR	Performance Ratio	نسبة الكفاءة

PS	Power Station or Pumping Station (related to context)	محطة طاقة أو محطة ضخ (حسب موقعها في الجملة)
PWD	Public Works Department	دائرة الأشغال العامة
PWPA	Power & Water Purchase Agreement	اتفاقية شراء الكهرباء و الماء
PWR	Power to Water Ratio	نسبة الكهرباء للماء
RFP	Request for Proposal	طلب عرض
RO	Reverse Osmosis	التناضح العكسي
RoC	Rate of Consumption	معدل الاستهلاك
RSB	Regulation & Supervision Bureau	مكتب التنظيم و الرقابة
RPC	Ruwais Power Company	شركة الرويس للطاقة
SAPCO	Shuweihat Asia Power Company	شركة الشويهات آسيا للطاقة
S&PS	Settlement & Planning System	نظام المدفوعات و التخطيط
SEWA	Sharjah Electricity & Water Authority	هيئة كهرباء ومياه الشارقة
SCFT	Standard Cubic Feet	قدم مكعب قياسي
SCGT	Simple Cycle Gas Turbine or GTSC	توربين غازي ذو دورة بسيطة
SCIPCO	Shuweihat CMS International Power Company	شركة الشويهات سي إم إس للطاقة
SHRRC	Net Specific Heat Rate at Reference Site Condition	صافي معدل الحرارة النوعي عند موقع معياري
S1, S2	Shuweihat S1 / S2 Station	المرحلة الأولى أو الثانية من محطة الشويهات
SMP	System Marginal Price	سعر انتاج وحدة إضافية
ST	Steam Turbine	توربينة بخارية
STP	Sewage Treatment Plants	محطة معالجة الصرف الصحي
STS	Steam Turbine Station at Mina	محطة التوربينات البخارية (الميناء)
SVC	Static Var Compensator	معوض القدرة الاستاتيكية غير الفعالة
SWRO	Sea Water Reverse Osmosis	تحلية مياه البحر بالتناضح العكسي
TA1	Taweelah A Extension, GTTPC	توسعة محطة الطويلة أ 1 - (جي تي تي بي سي)
TAKREER	Abu Dhabi Oil Refining Company	شركة أبوظبي لتكرير النفط (تكرير)
TAPCO	Taweelah Asia Power Company	شركة الطويلة آسيا للطاقة
TAQA	Abu Dhabi National Energy Company "TAQA"	شركة أبوظبي الوطنية للطاقة "طاقة"
TAW	Taweelah	الطويلة
TAW A1	Taweelah A Power Station	محطة الطويلة أ للطاقة
Taw B1, TWB	Taweelah B Power Station	محطة الطويلة ب للطاقة
Taw B2, TB2	Taweelah B2 Power Station	محطة الطويلة ب 2 للطاقة
TBT	Top Brine Temperature	درجة حرارة الماء المالح العليا
TFD	Total Fuel Demand	مجموع الطلب على الوقود
TIG	Thousand Imperial Gallons	ألف جالون بريطاني
TRANSCO	Transmission & Dispatch Company	شركة أبوظبي للنقل و التحكم (ترانسكو)
TUoS	Transmission Use of System Charge	تكلفة استخدام شبكة النقل
TVC	Thermal Vapor Compression (Desalination)	التحلية بضغط لبخار حرارياً (التقطير)
UAE	United Arab Emirates	الإمارات العربية المتحدة
UAN	Umm al Nar	أم النار
UAN-IWPP	Umm Al Nar - Independent Water & Power Producer	المنتج المستقل للماء و الكهرباء في أم النار
UAN PC	Umm Al Nar Power Company or UNPC	شركة أم النار للطاقة
UNE-A, UEA	Umm Al Nar East a Power Station	محطة أم النار الشرقية أ للطاقة/للضخ
UNE-B, UEB	Umm Al Nar East B Power Station	محطة أم النار الشرقية ب للطاقة/للضخ
UNW	Umm Al Nar West Power Station	محطة أم النار الغربية ب للطاقة/للضخ
UNW1-6, UW1	Umm Al Nar West 1 – 6 Power Station	محطة أم النار الغربية الوحدات 1-6 للطاقة/للضخ
UNW7-8, UW7	Umm Al Nar West 7 & 8 Power Station	محطة أم النار الغربية الوحدات 7-8 للطاقة/للضخ
UNW9-10, UW9	Umm Al Nar West 9 & 10 Power Station	محطة أم النار الغربية الوحدات 9-10 للطاقة/للضخ
UNW-B	Umm Al Nar West B Desalination Plant	محطة أم النار الغربية للتحلية
UWEC	Union Water & Electricity Company	شركة الاتحاد للماء و الكهرباء
VOM	Variable O&M Charge	تكلفة التشغيل و الصيانة المتغيرة
VTE	Vertical Tube Evaporation	التحلية - خط التبخير العمودي
WED	Water & Electricity Department	دائرة الماء و الكهرباء
WR	Western Region	المنطقة الغربية
XRST	Controlled Extraction Steam Turbine (CEST)	تربين بخاري بمخارج محكمة

**LOCATION MAP**



AfWEC

شركة أبوظبي للماء والكهرباء  
Abu Dhabi Water & Electricity Company

٢٠١٦ - ١٩٩٩  
التقرير الإحصائي

