



التقرير الإحصائي 2019

Statistical Report 2019



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 Mohammed Bin Zayed Al Nahyan
Crown Prince of Abu Dhabi, Deputy Supreme Commander of UAE Armed Forces



جدول المحتويات

Table of contents

7	General Information	معلومات عامة	7
8	Chairman's Message	رسالة رئيس مجلس الإدارة	8
9	EWEC's Role	دور شركة مياه وكهرباء الإمارات	9
11	Electricity Statistics	إحصائيات الكهرباء	11
55	Water Statistics	إحصائيات المياه	55
71	Fuel Statistics	إحصائيات الوقود	71
83	Capacity Statistics	إحصائيات القدرات	83
101	CO ₂ Emissions	انبعاثات غاز ثاني أكسيد الكربون	101
105	Forecast Statistics	إحصائيات التنبؤ	105
110	Glossary	المصطلحات	110
112	EWEC's Location Map	خريطة موقع شركة مياه وكهرباء الإمارات	112

يمكن الحصول على التقرير الإحصائي للشركة من خلال الموقع الإلكتروني (www.ewec.ae)

EWEC's Statistical Report is also available on our website (www.ewec.ae)

معلومات عامة

General Information



Chairman's Message

Emirates Water and Electricity Company (EWEC) was established as per His Highness Sheikh Khalifa Bin Zayed Al Nahyan law no. (20) for the year 2018 replacing ADWEC.

EWEC is responsible for preparing and publishing the Statistical Report on an annual basis.

The Statistical Report provides general information about EWEC, 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. EWEC 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 EWEC Management and staff for the preparation of the 2019 Statistical Report.

Mohamed Hassan Al Suwaidi
EWEC Chairman

رسالة رئيس مجلس الإدارة

تأسست شركة مياه وكهرباء الإمارات (EWEC) بموجب قانون صاحب السمو رئيس الدولة رقم (20) لسنة 2018 لتحل محل شركة أبوظبي للماء والكهرباء.

إن شركة مياه وكهرباء الإمارات مسؤولة عن إعداد ونشر هذا التقرير الإحصائي بشكل سنوي.

يوفر هذا التقرير معلومات عامة حول شركة مياه وكهرباء الإمارات، والطلب على الماء والكهرباء وإنتاجهما، واستهلاك الوقود وتوقعات الطلب وقدرات الإنتاج، وغيرها من المهام الرئيسية الأخرى.

وإذ ترحب شركة مياه وكهرباء الإمارات بأية ملاحظات من شأنها تحسين وتطوير هذا التقرير مستقبلاً، فإننا نتطلع إلى أن يلبي هذا التقرير الإحصائي جميع البيانات المطلوبة.

وفي الختام، لا يفوتني أن أتقدم بخالص الشكر والتقدير لإدارة وموظفي شركة مياه وكهرباء الإمارات على إعداد التقرير الإحصائي لعام 2019.

محمد حسن السويدي
رئيس مجلس الإدارة

EWEC's Role

The key role of EWEC is to act as a guarantor of the security of supply of electricity and water to consumers.

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).

EWEC's main tasks are listed below:

- To purchase, sell, plan, regulate and manage the commercial exchange, offer and demand of productive energy and the water and electricity produced by the licensed producers.
- To operate as a single provider of any productive energy of water and electricity that shall be required within the geographical territory determined thereto by the Executive Council, and to ensure the provision of such energy to meet the anticipated needs of water and electricity within such geographical territory unless the system of incidental sales is adopted to be in force based on the recommendation of the shareholders and with the approval of the competent authority.
- To enter contracts with whomever that is providing productive energy, and to prepare and manage the tenders associated therewith.
- To enter agreements with the licensed producers and the licensed distributors.
- To develop and own intellectual property rights, trademarks, tradenames, patents, and all the rights and designs related to the business of the company, and to register the same in accordance with the legislations in force.

EWEC is certified according to the following standards ISO 9001:2015, ISO 14001:2015 and OHSAS 18001:2007.

Othman Juma Al Ali
Chief Executive Officer

دور شركة مياه وكهرباء الإمارات

يتمثل الدور الرئيسي لشركة مياه وكهرباء الإمارات في العمل كضامن أساسي لأمن إمدادات الماء والكهرباء للمستهلكين.

يتم تحقيق هذا الدور من خلال الموازنة الدقيقة على المدى القصير والطويل بين العرض والطلب (توقعات الطلب وتخطيط التوسع في الإنتاج)، من خلال اتفاقيات طويلة الأجل لشراء الماء والكهرباء مع شركات الإنتاج، ومن خلال اتفاقية "تعرفة التوريد بالجملة" مع شركات التوزيع .

وفيما يلي المهام الرئيسية لشركة مياه وكهرباء الإمارات:

• شراء، وبيع، وتخطيط، وتنظيم، وإدارة التبادل التجاري، وإدارة العرض والطلب لكميات الماء والكهرباء التي تنتجها شركات الإنتاج المرخصة.

• العمل كمؤدّد وحيد لكميات الماء والكهرباء المطلوبة ضمن النطاق الجغرافي للشركة المحدد من قبل المجلس التنفيذي، والتأكد من توفير هذه الكميات لتلبية الطلب المتوقع على الماء والكهرباء ضمن نطاقها الجغرافي، ما لم يوص المساهمون باعتماد نظام البيع بالتجزئة لأسباب طارئة، وبموافقة الجهات المعنية.

• إبرام العقود مع شركات الإنتاج، وإعداد وإدارة العطاءات اللازمة.

• إبرام اتفاقيات مع شركات الإنتاج والتوزيع المرخصة.

• تطوير وامتلاك حقوق الملكية الفكرية، والعلامات التجارية، والأسماء التجارية، وبراءات الاختراع، وجميع الحقوق والتصاميم المتعلقة بأعمال الشركة، وتسجيلها وفقاً للأسس المعمول بها.

تم اعتماد شركة مياه وكهرباء الإمارات وفقاً للمعايير التالية:

ISO 9001: 2015 / ISO 14001: 2015 /
OHSAS 18001: 2007

عثمان جمعة آل علي
الرئيس التنفيذي



Abstract decorative lines in light blue and orange colors, consisting of overlapping circles and curved segments, are located in the top-left corner of the slide.

إحصائيات الكهرباء Electricity Statistics

إحصائيات الكهرباء

Electricity Statistics

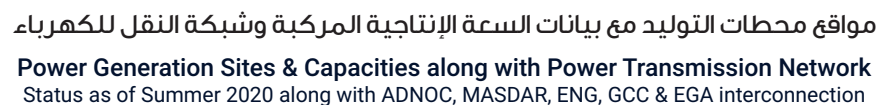
14	Electricity System Network (Summer 2020)	شبكة الكهرباء حتى صيف 2020	14
15	System Weekly Electricity Peaks 2010 - 2019	الأحمال القصوى الأسبوعية للشبكة 2010 - 2019	15
16	Global Abu Dhabi System Peak & Minimum Demands 1999 - 2019	إجمالي الحمل الأقصى و الأدنى للشبكة في إمارة أبوظبي 1999 - 2019	16
17	Ratio of System Electricity Minimum / Peak Demands	الأحمال القصوى و الأحمال الدنيا و نسبتها المئوية من الأحمال القصوى للشبكة	17
18	2019 System Load Duration Curves	منحنى الأحمال الزمني للشبكة للعام 2019	18
19	Abu Dhabi 2019 System Electricity Demand Profiles	نمط الطلب على الكهرباء في أبوظبي للعام 2019	19
20	Abu Dhabi 2019 Maximum Month & Minimum Month Demand Profiles	مقارنه بين نمطي الطلب الأدنى و الأقصى خلال شهري كانون الثاني و آب من عام 2018	20
21	Peak Annual Demand (Gross MW)	الأحمال السنوية القصوى (ميجاوات)	21
22	Minimum Annual Demand (Gross MW)	الأحمال السنوية الدنيا (ميجاوات)	22
23	Peak Annual Demand Dates	تاريخ حصول الأحمال القصوى	23
24	Minimum Annual Demand Dates	تاريخ حصول الأحمال الدنيا	24
25	Peak Monthly Demand (Gross MW) 2015 - 2019	الأحمال الشهرية القصوى (ميجاوات) 2015 - 2019	25
27	Minimum Monthly Demand (Gross MW) 2015 - 2019	الأحمال الشهرية الدنيا (ميجاوات) 2015 - 2019	27
28	Ratio of Monthly Peak to Annual Peak of Abu Dhabi Region	الذروة الشهرية مقارنة بالذروة السنوية لمنطقة أبوظبي	28
29	Ratio of Monthly Peak to Annual Peak of Al Ain Region	الذروة الشهرية مقارنة بالذروة السنوية لمنطقة العين	29
30	Ratio of Monthly Peak to Annual Peak of Al Dhafra Region	الذروة الشهرية مقارنة بالذروة السنوية في منطقة الظفرة	30
31	Ratio of Monthly Peak to Annual Peak of System	الذروة الشهرية مقارنة بالذروة السنوية للشبكة	31
32	Annual Energy Demand (Gross GWh)	الطاقة المستهلكة سنوياً (جيجاوات ساعة)	32
34	Monthly Energy Demand (Gross GWh) 2015 - 2019	الطاقة المستهلكة شهرياً (جيجاوات ساعة) 2015 - 2019	34
35	Ratio of Monthly Energy Demand to Annual Peak Energy Demand	نسبة الطلب الشهري على الطاقة مقارنة بذروة الطلب السنوي	35
36	Ratio of Monthly Energy Demand to Annual Peak Energy Demand of Al Ain Region	الاستهلاك الشهري مقارنة بالاستهلاك السنوي لمنطقة العين	36

إحصائيات الكهرباء

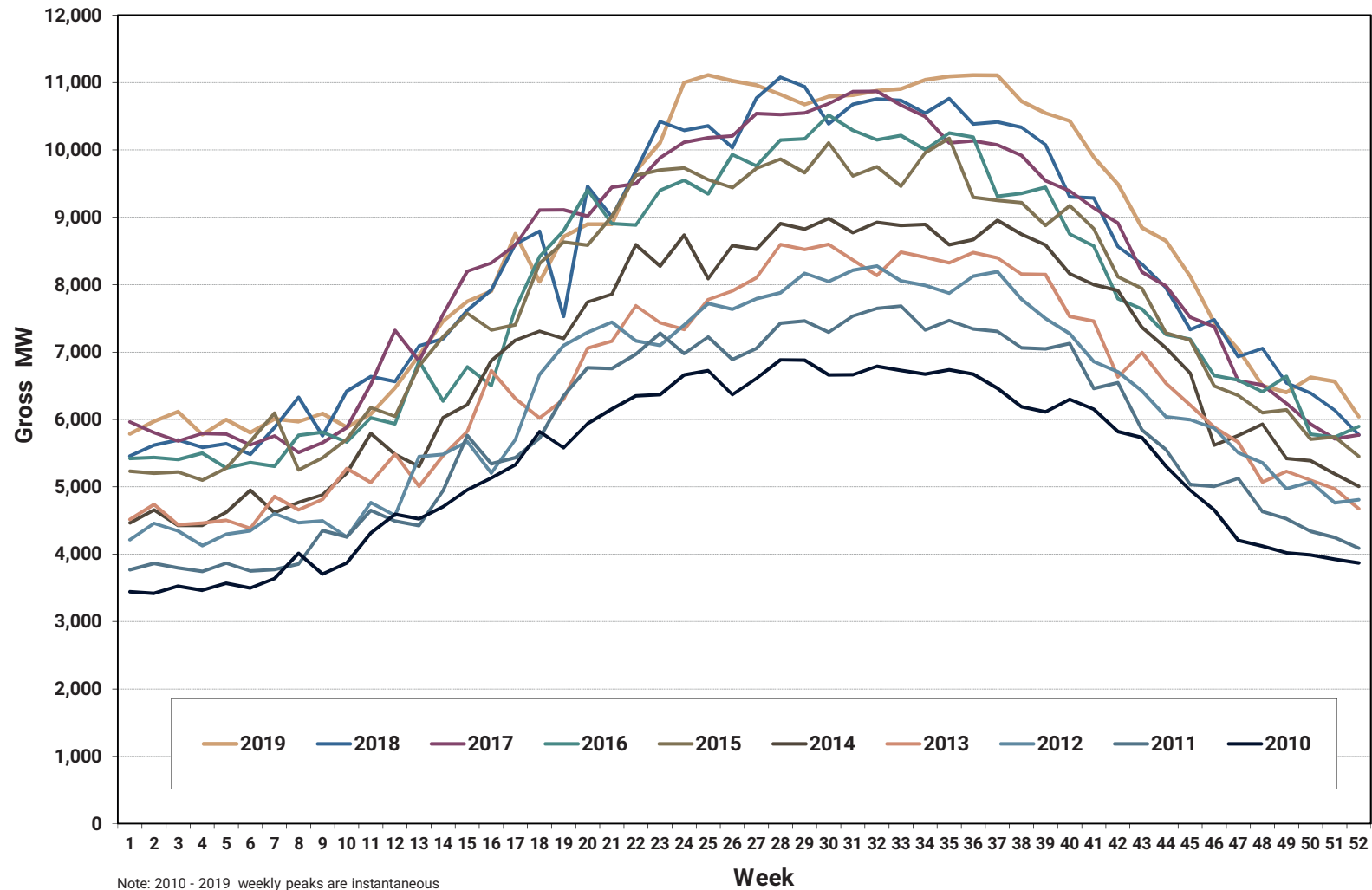
Electricity Statistics

37	Ratio of Monthly Energy Demand to Annual Peak Energy Demand of Al Dhafra Region	نسبة الطلب الشهري قياساً بذروة الطلب السنوي على الطاقة في منطقة الظفرة	37
38	Ratio of Monthly Energy Demand to Annual Peak Energy Demand of System	نسبة الطلب الشهري على الطاقة مقارنةً بذروة الطلب السنوي في النظام	38
39	Annual Electricity Generation (Gross GWh)	الإنتاج السنوي للكهرباء (كيلو واط ساعة)	39
41	Annual Electricity Generation by Region (Gross GWh)	الإنتاج السنوي للكهرباء حسب المنطقة (كيلو واط ساعة)	41
42	Annual Electricity Generation by Company (Gross GWh)	الإنتاج السنوي للكهرباء حسب الشركة (كيلو واط ساعة)	42
43	Energy Generation by Type of Generator (Gross GWh)	كمية الطاقة المولدة حسب نوع المولدات (جيجاوات ساعة)	43
43	Energy Generation by Type of Generator (Percent)	نسبة توليد الطاقة حسب نوع المولدات	43
44	Annual Auxiliary Electricity Consumption by Station (GWh)	الاستهلاك الداخلي السنوي للمحطات (كيلو واط ساعة)	44
46	Annual Electricity Exports and Imports (MWh)	كميات الكهرباء المصدرة و المستوردة سنوياً (ميجاوات ساعة)	46
47	Monthly Electricity Exports and Imports (MWh) 2014 - 2015	كميات الكهرباء المصدرة و المستوردة شهرياً (ميجاوات ساعة) 2014 - 2015	47
48	Monthly Electricity Exports and Imports (MWh) 2016 - 2017	كميات الكهرباء المصدرة و المستوردة شهرياً (ميجاوات ساعة) 2016 - 2017	48
49	Monthly Electricity Exports and Imports (MWh) 2018 - 2019	كميات الكهرباء المصدرة و المستوردة شهرياً (ميجاوات ساعة) 2018 - 2019	49
50	System Weekly Electricity Peak Demand (MW) 1999 - 2019	الأحمال القصوى الأسبوعية للشبكة (ميجاوات) 1999 - 2019	50
52	System Weekly Electricity Peak (Percentage of Annual Peak) 1999 - 2019	الأحمال القصوى الأسبوعية للشبكة (نسبة مئوية من الذروة) 1999 - 2019	52

Electricity System Network (Summer 2020)

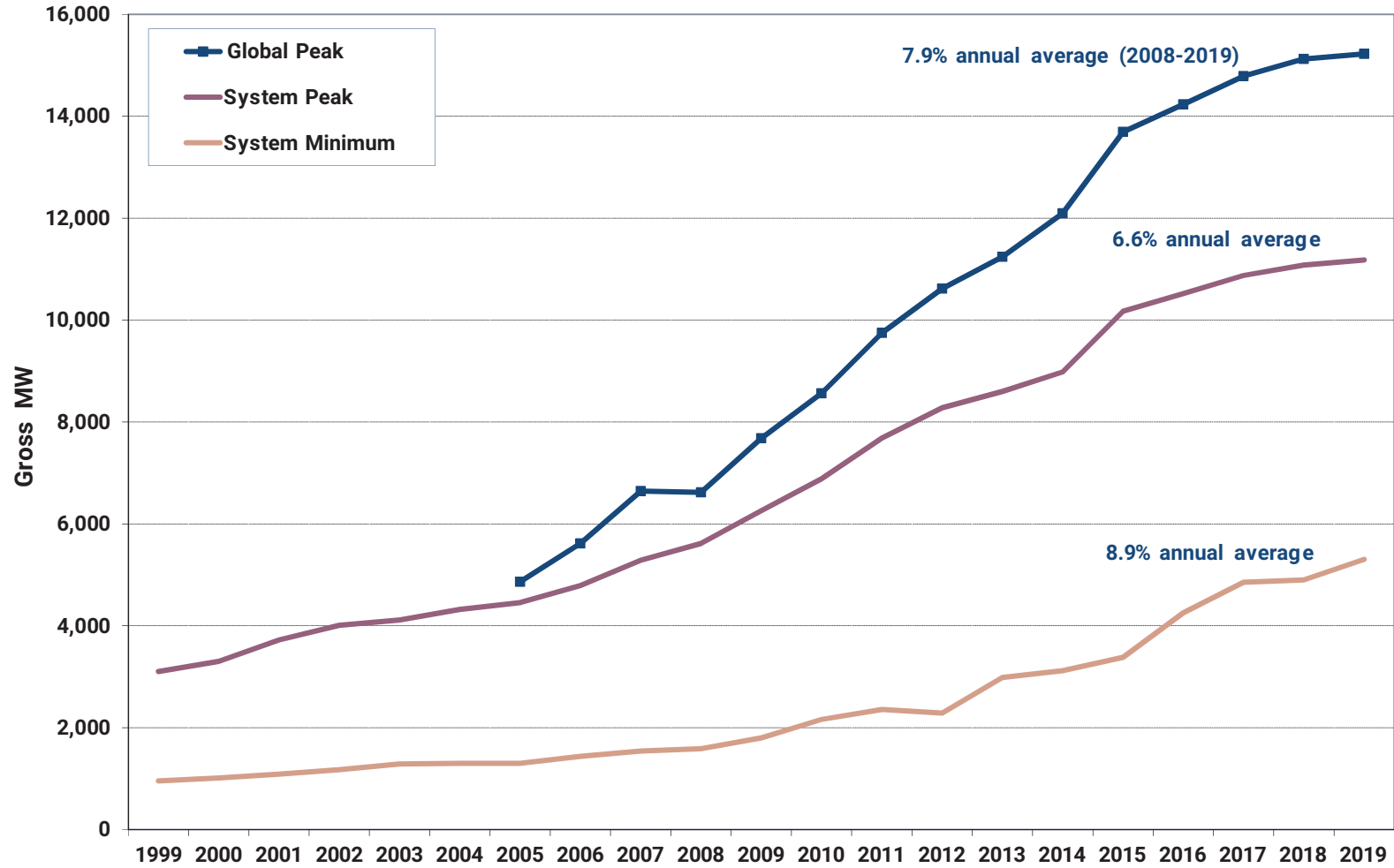


الأحمال القصوى الأسبوعية للشبكة 2010 - 2019 System Weekly Electricity Peaks 2010 - 2019



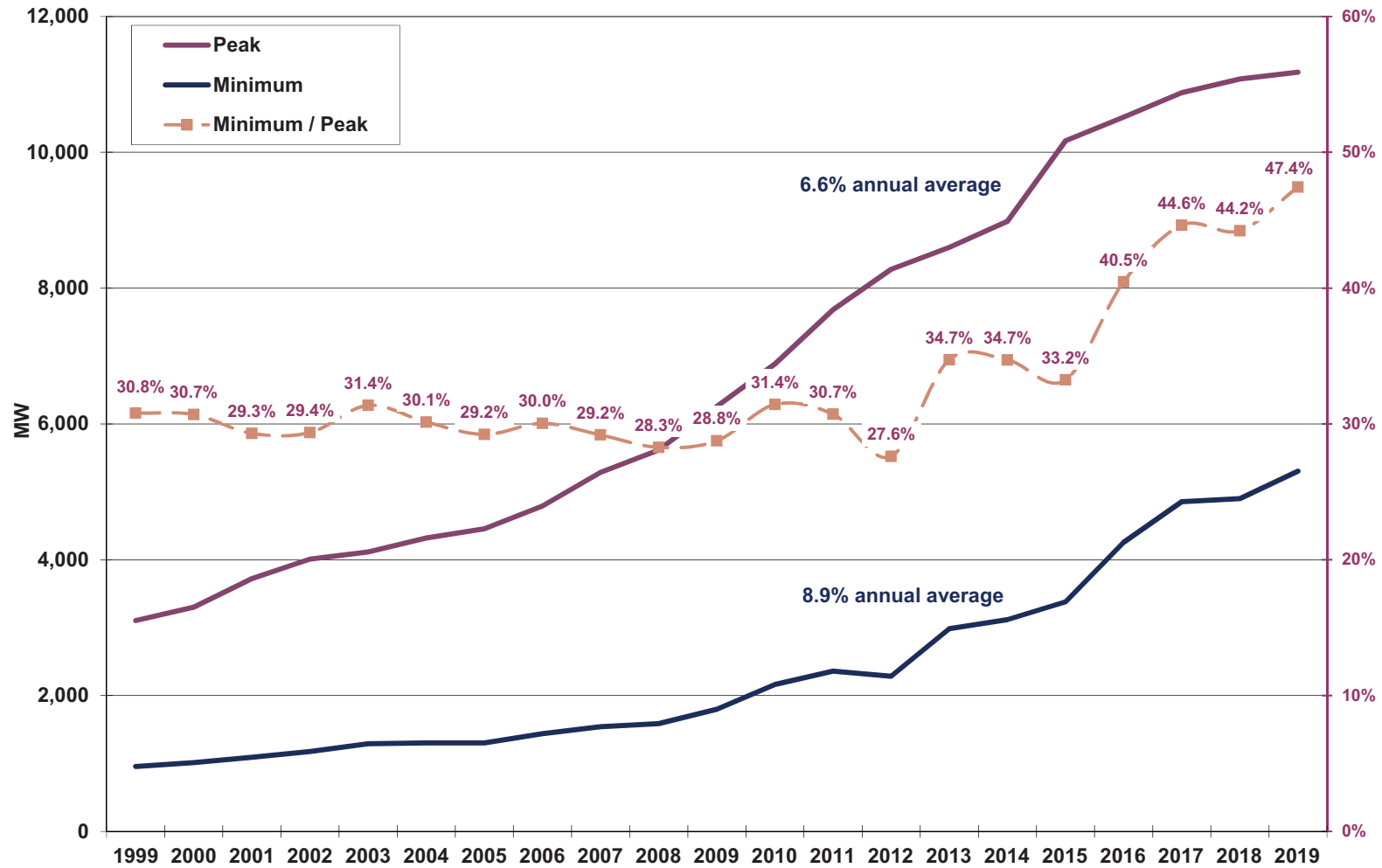
إجمالي الحمل الأقصى و الأدنى للشبكة في إمارة أبوظبي 1999- 2019

Global Abu Dhabi System Peak & Minimum Demands 1999 - 2019



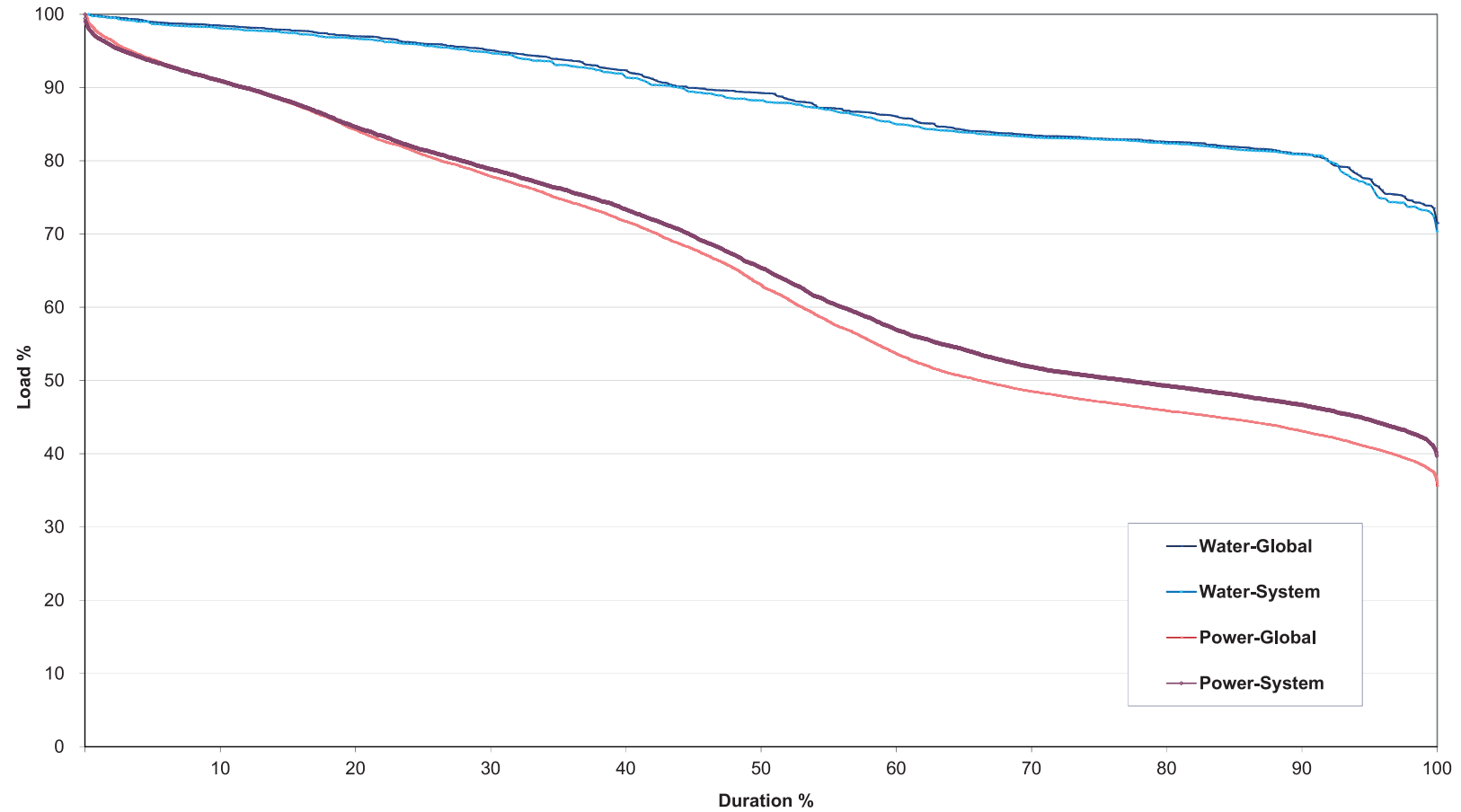
الأحمال القصوى و الأحمال الدنيا و نسبتها المئوية من الأحمال القصوى للشبكة

Ratio of System Electricity Minimum / Peak Demands

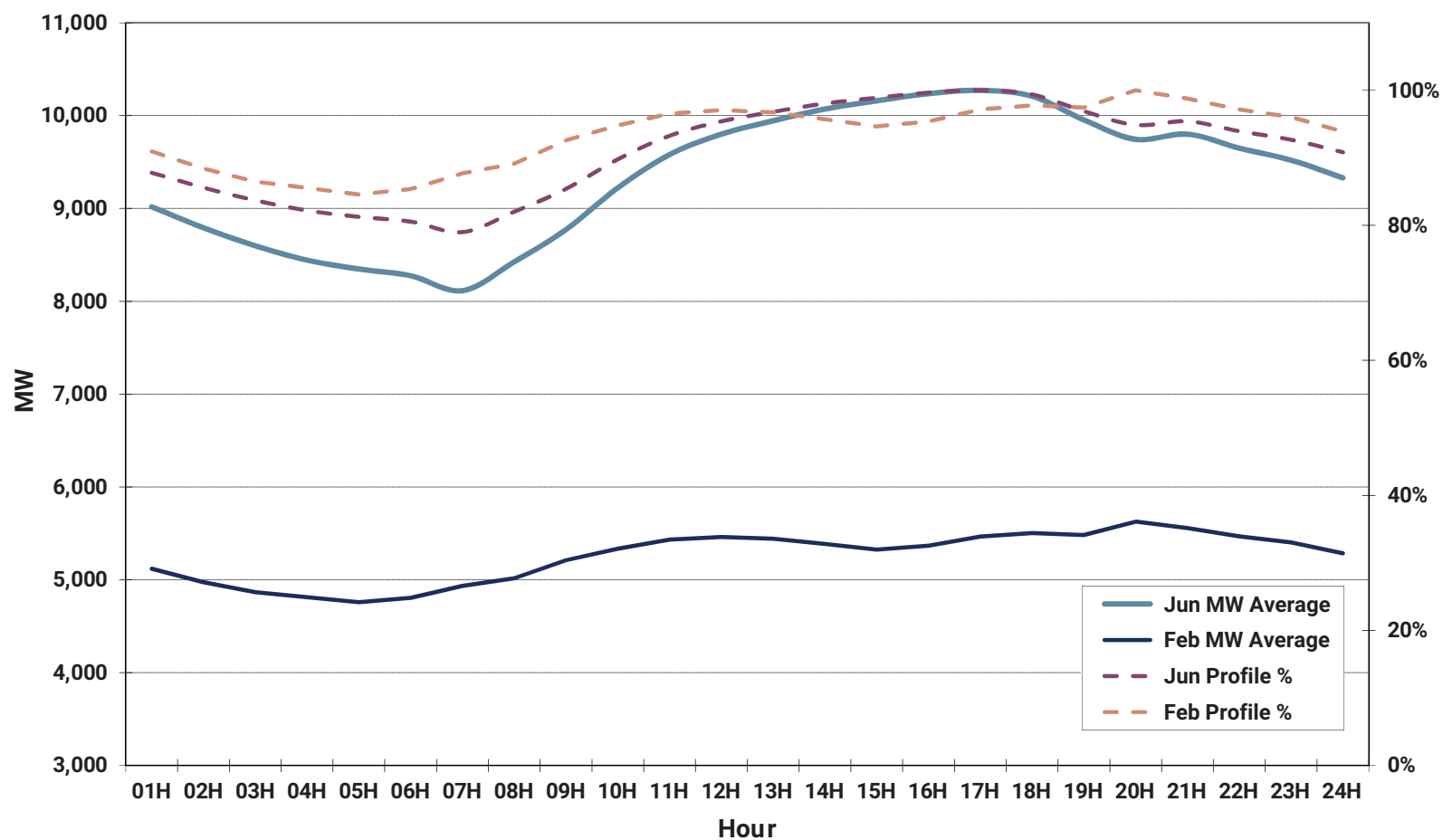


منحنى الأحمال الزمني للشبكة للعام 2019

2019 System Load Duration Curves

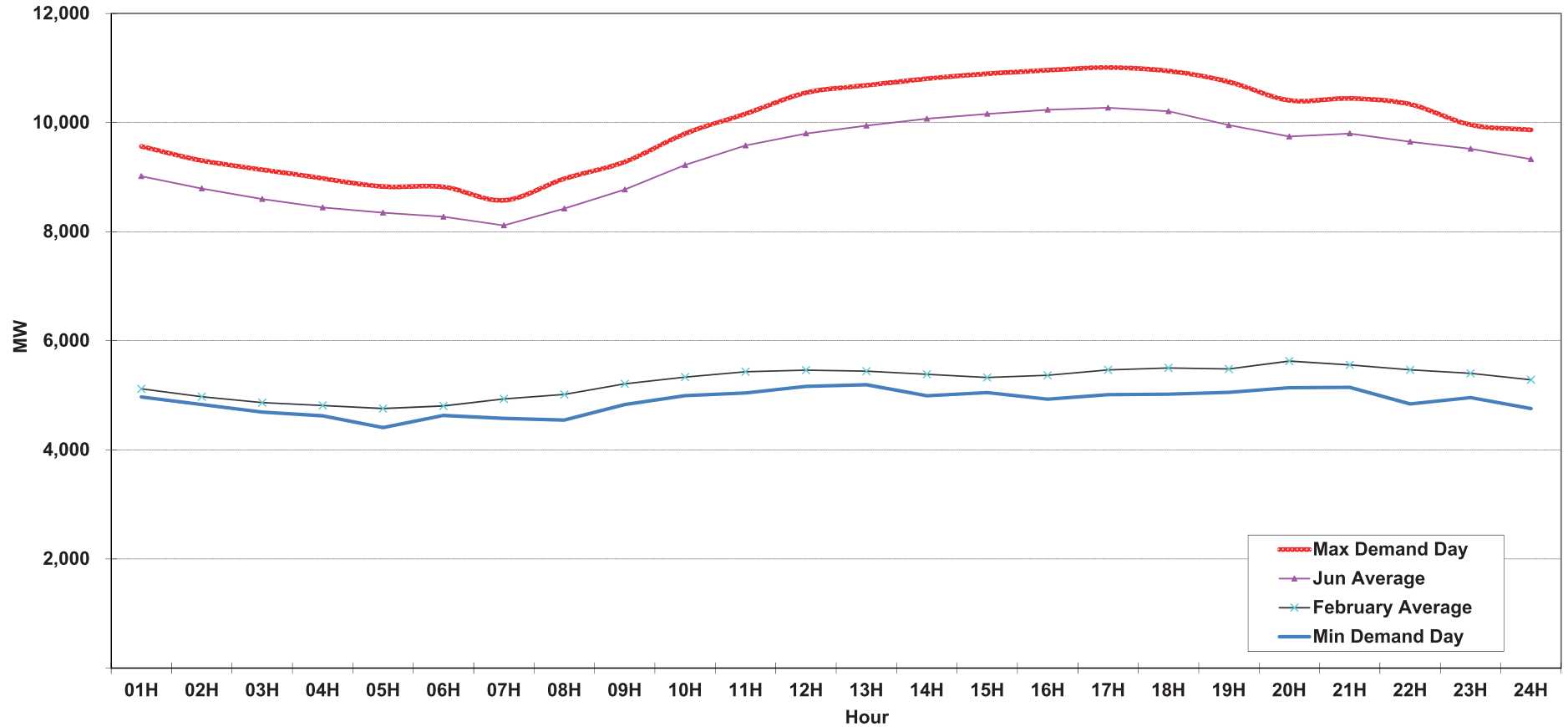


أنماط الطلب على الكهرباء في أبوظبي للعام 2019 Abu Dhabi 2019 System Electricity Demand Profiles



مقارنه بين نمطي الطلب الأدنى و الأقصى خلال شهري يناير وأغسطس من عام 2019

Abu Dhabi 2019 Maximum Month & Minimum Month Demand Profiles



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

Year	Abu Dhabi	Al Ain	Al Dhafra	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
2017	6,401	2,284	2,158	10,876	14,788	15,477
2018	6,511	2,307	2,175	11,080	15,125	15,973
2019	6,642	2,433	2,221	11,179	15,223	15,961
1999 - 2019 Average Growth Rate				6.6%	7.9%	

Notes:

2011 Global peak is 9,805 including 56MW to GCC

الأحمال السنوية الدنيا (ميجاوات)

Minimum Annual Demand (Gross MW)

Year	Abu Dhabi	Al Ain	Al Dhafra	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	425	3,381	4,591	33.2%
2016	1,961	629	1,095	4,256	6,107	40.5%
2017	2,767	696	1,176	4,854	6,234	44.6%
2018	2,826	767	1,227	4,900	6,396	44.2%
2019	2,984	688	1,221	5,304	6,782	47.4%
1999 - 2019 Average Growth Rate				8.9%	11.8%	

Notes:

Al Dhafra load at the time of peak is added to reflect actual system peak

2010 - 2019 data are instantaneous

سجلات الأحمال السنوية القصوى

Peak Annual Demand Dates

Year	Abu Dhabi	Al Ain	Al Dhafra	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 15:23
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
2017	Wednesday-02-August-2017 15:47	Wednesday-26-July-2017 16:24	Friday-05-May-2017 14:15	Thursday-03-August-2017 13:27	Wednesday-02-August-2017 15:47
2018	Wednesday-11-July-2018 15:39	Thursday-12-July-2018 15:55	Sunday-15-July-2018 14:44	Wednesday-11-July-2018 15:39	Wednesday-11-July-2018 15:39
2019	Sunday-18-August-2019 14:41	Tuesday-25-June-2019 16:36	Thursday-05-September-2019 15:43	Sunday-08-September-2019 15:41	Sunday-08-September-2019 15:41

سجلات الأحمال السنوية الدنيا

Minimum Annual Demand Dates

Year	Abu Dhabi	Al Ain	Al Dhafra	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	Sunday-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
2017	Friday-03-February-2017 18:38	Friday-03-February-2017 18:28	Tuesday-03-January-2017 16:34	Friday-03-February-2017 18:38	Friday-03-February-2017 18:38
2018	Friday-12-January-2018 18:44	Friday-12-January-2018 18:44	Monday-15-January-2018 18:17	Saturday-12-January-2019 18:44	Friday-12-January-2018 18:44
2019	Friday-22-February-2019 18:54	Friday-15-March-2019 12:10	Friday-08-February-2019 18:30	Friday-08-February-2019 18:30	Friday-08-February-2019 18:30

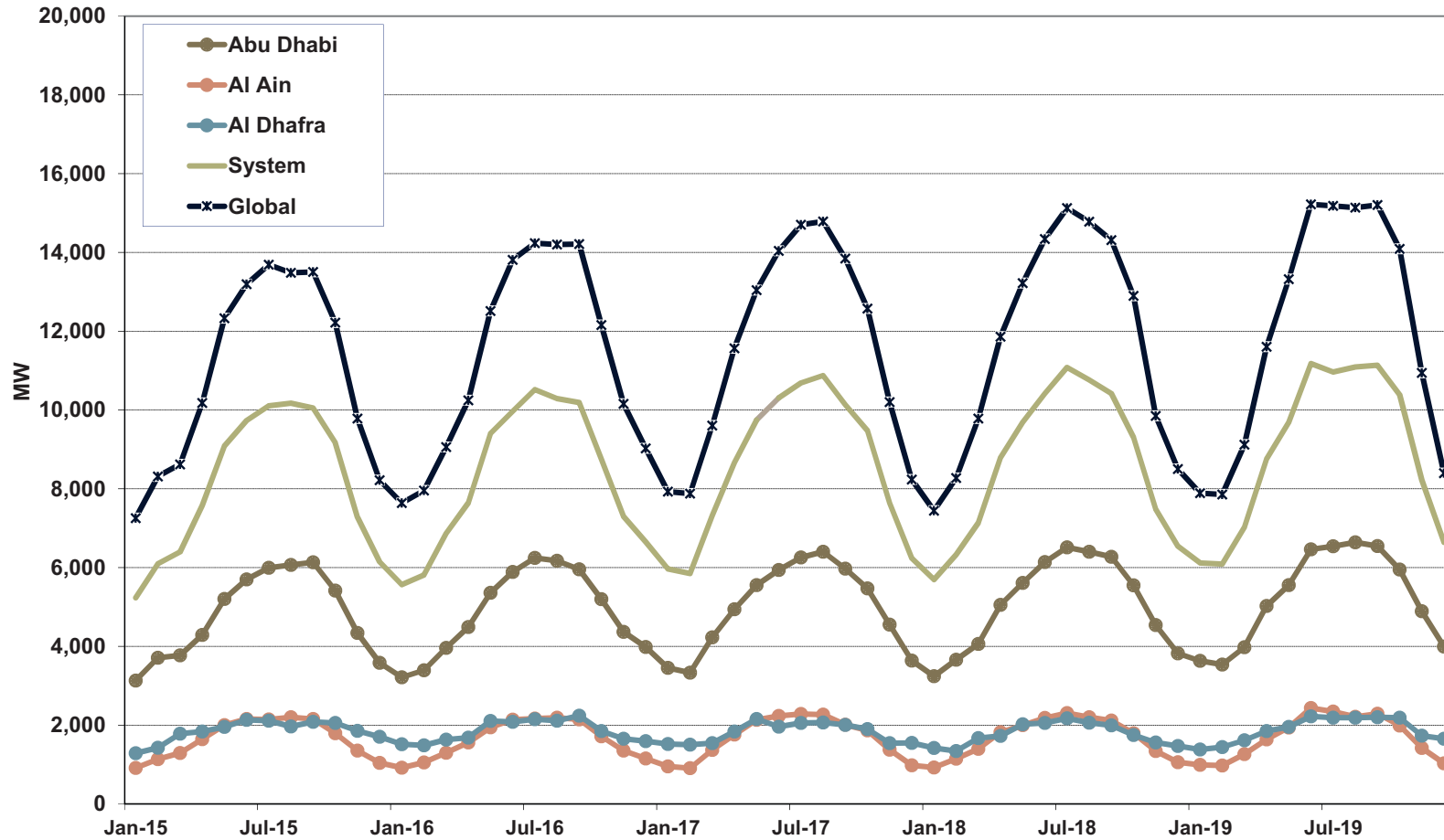
الأحمال الشهرية القصوى (ميجاوات) 2015 - 2019

Peak Monthly Demand (Gross MW) 2015 - 2019

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
Al Dhafra	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
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
Al Dhafra	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
2017												
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	3,456	3,332	4,226	4,941	5,553	5,938	6,255	6,401	5,973	5,469	4,549	3,639
Al Ain	954	907	1,368	1,758	2,134	2,234	2,284	2,268	2,012	1,864	1,376	980
Al Dhafra	1,521	1,502	1,544	1,838	2,158	1,962	2,055	2,066	2,006	1,899	1,541	1,551
System	5,964	5,849	7,323	8,664	9,745	10,306	10,688	10,876	10,136	9,474	7,637	6,236
Global	7,927	7,875	9,606	11,564	13,044	14,039	14,700	14,788	13,846	12,574	10,203	8,235
Availability at System Peak	14,435	11,648	13,904	15,071	15,330	15,191	15,031	15,477	14,925	15,080	16,078	15,307
2018												
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	3,243	3,660	4,064	5,052	5,612	6,141	6,511	6,401	6,274	5,550	4,540	3,822
Al Ain	922	1,149	1,400	1,821	2,002	2,186	2,307	2,203	2,117	1,795	1,343	1,060
Al Dhafra	1,420	1,341	1,672	1,726	2,022	2,055	2,175	2,061	1,994	1,747	1,560	1,468
System	5,696	6,329	7,139	8,793	9,690	10,420	11,080	10,762	10,416	9,302	7,481	6,543
Global	7,441	8,273	9,781	11,864	13,218	14,340	15,125	14,783	14,310	12,899	9,848	8,504
Availability at System Peak	15,458	13,948	15,137	16,545	16,115	16,152	15,973	16,377	16,195	16,309	13,041	13,449
2019												
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	3,631	3,535	3,979	5,024	5,557	6,461	6,542	6,642	6,546	5,949	4,889	3,995
Al Ain	992	976	1,266	1,639	1,941	2,433	2,343	2,209	2,287	1,987	1,418	1,033
Al Dhafra	1,382	1,444	1,614	1,850	1,956	2,221	2,187	2,190	2,200	2,191	1,732	1,656
System	6,115	6,087	7,025	8,756	9,691	11,179	10,962	11,092	11,136	10,393	8,222	6,640
Global	7,889	7,855	9,118	11,605	13,322	15,223	15,181	15,135	15,206	14,090	10,944	8,394
Availability at System Peak	14,908	13,518	15,452	16,188	16,475	15,961	16,666	16,257	16,415	16,309	15,050	13,169

الأحمال الشهرية القصوى (ميجاوات) 2015 - 2019

Peak Monthly Demand (Gross MW) 2015 - 2019



Note: 2010 - 2019 data refers to instantaneous peak data.

الأحمال الشهرية الدنيا (ميجاوات) 2015 - 2019

Minimum Monthly Demand (Gross MW) 2015 - 2019

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
Al Dhafra	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
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
Al Dhafra	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
2017												
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	2,920	2,767	2,942	3,440	4,630	4,958	5,683	5,408	5,078	4,476	3,350	2,913
Al Ain	754	696	829	1,172	1,643	1,966	1,947	1,837	1,689	1,303	962	779
Al Dhafra	1,176	1,203	1,261	1,366	1,604	1,707	1,848	1,829	1,757	1,530	1,373	1,315
System	5,204	4,854	5,275	6,257	8,247	8,960	9,817	9,409	8,888	7,672	5,980	5,277
Global	6,932	6,413	7,270	8,151	11,061	12,040	13,559	12,775	11,937	10,246	7,735	6,780
2018												
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	2,826	2,828	2,880	3,648	4,451	5,111	5,514	5,379	5,430	4,321	3,662	3,139
Al Ain	767	776	831	1,211	1,553	1,750	1,881	1,808	1,700	1,289	972	841
Al Dhafra	1,227	1,223	1,231	1,375	1,540	1,760	1,903	1,803	1,645	1,380	1,241	1,292
System	5,035	5,097	5,149	6,571	7,199	8,928	9,553	9,362	9,023	7,192	6,140	5,537
Global	6,521	6,600	6,749	8,779	10,694	12,158	13,064	12,971	12,264	9,761	7,893	6,963
2019												
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	2,843	2,914	3,363	3,847	4,327	5,107	5,154	5,343	5,272	4,752	4,033	3,184
Al Ain	673	622	919	1,150	1,482	1,707	1,666	1,690	1,618	1,395	1,116	779
Al Dhafra	1,250	1,322	1,408	1,574	1,623	1,809	1,784	1,932	1,916	1,800	1,559	1,514
System	4,670	4,709	5,663	6,319	7,429	8,402	8,493	8,665	8,594	7,926	6,529	5,354
Global	6,246	6,204	7,652	8,776	10,245	11,891	11,709	12,048	11,722	10,883	8,798	6,932

Note: Data is instantaneous peaks

الذروة الشهرية مقارنة بالذروة السنوية لمنطقة أبوظبي

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
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
2017	3,456	3,332	4,226	4,941	5,553	5,938	6,255	6,401	5,973	5,469	4,549	3,639
2018	3,243	3,660	4,064	5,052	5,612	6,141	6,511	6,401	6,274	5,550	4,540	3,822
2019	3,631	3,535	3,979	5,024	5,557	6,461	6,542	6,642	6,546	5,949	4,889	3,995

Ratio of Abu Dhabi Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2017	53.99	52.05	66.02	77.19	86.75	92.77	97.72	100.00	93.31	85.44	71.07	56.85
2018	49.81	56.21	62.42	77.59	86.19	94.32	100.00	98.31	96.36	85.24	69.73	58.70
2019	54.67	53.22	59.91	75.64	83.66	97.27	98.49	100.00	98.55	89.57	73.61	60.15

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
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
2017	954	907	1,368	1,758	2,134	2,234	2,284	2,268	2,012	1,864	1,376	980
2018	922	1,149	1,400	1,821	2,002	2,186	2,307	2,203	2,117	1,795	1,343	1,060
2019	992	976	1,266	1,639	1,941	2,433	2,343	2,209	2,287	1,987	1,418	1,033

Ratio of Al Ain Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2017	41.77	39.71	59.89	76.97	93.43	97.81	100.00	99.30	88.09	81.61	60.25	42.91
2018	39.97	49.80	60.68	78.93	86.78	94.76	100.00	95.49	91.76	77.81	58.21	45.95
2019	40.77	40.12	52.03	67.37	79.78	100.00	96.30	90.79	94.00	81.67	58.28	42.46

الذروة الشهرية مقارنة بالذروة السنوية في منطقة الظفرة

Ratio of Monthly Peak to Annual Peak of Al Dhafra Region

Al Dhafra Region Peak Demand (MW)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2017	1,521	1,502	1,544	1,838	2,158	1,962	2,055	2,066	2,006	1,899	1,541	1,551
2018	1,420	1,341	1,672	1,726	2,022	2,055	2,175	2,061	1,994	1,747	1,560	1,468
2019	1,382	1,444	1,614	1,850	1,956	2,221	2,187	2,190	2,200	2,191	1,732	1,656

Ratio of Al Dhafra Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2017	70.48	69.60	71.55	85.17	100.00	90.92	95.23	95.74	92.96	88.00	71.41	71.87
2018	65.29	61.66	76.87	79.36	92.97	94.48	100.00	94.76	91.68	80.32	71.72	67.49
2019	62.22	65.02	72.67	83.30	88.07	100.00	98.47	98.60	99.05	98.65	77.98	74.56

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
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
2017	5,964	5,849	7,323	8,664	9,745	10,306	10,688	10,876	10,136	9,474	7,637	6,236
2018	5,696	6,329	7,139	8,793	9,690	10,420	11,080	10,762	10,416	9,302	7,481	6,543
2019	6,115	6,087	7,025	8,756	9,691	11,179	10,962	11,092	11,136	10,393	8,222	6,640

Ratio of System Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2017	54.84	53.78	67.33	79.66	89.60	94.76	98.27	100.00	93.20	87.11	70.22	57.34
2018	51.41	57.12	64.43	79.36	87.45	94.04	100.00	97.13	94.01	83.95	67.52	59.05
2019	54.70	54.45	62.84	78.33	86.69	100.00	98.06	99.22	99.62	92.97	73.55	59.40

الطلب السنوي على الكهرباء (جيجاوات ساعة)

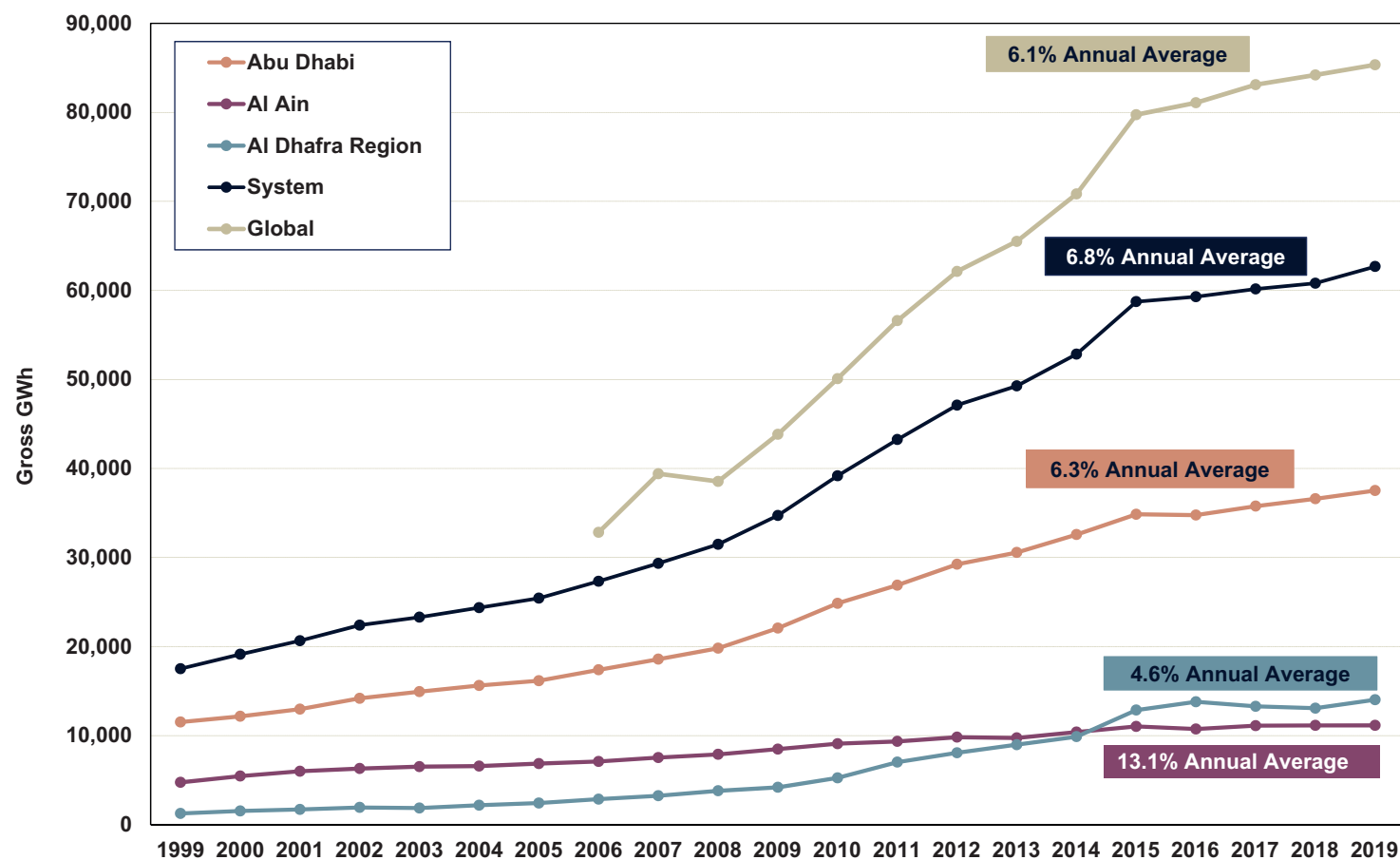
Annual Energy Demand (Gross GWh)

Year	Abu Dhabi	Al Ain	Al Dhafra	System	Global*	Global including GCC
1999	11,515	4,741	1,251	17,508		
2000	12,158	5,442	1,528	19,128		
2001	12,963	5,984	1,702	20,649		
2002	14,178	6,296	1,925	22,399		
2003	14,925	6,507	1,859	23,290		
2004	15,621	6,569	2,176	24,366		
2005	16,158	6,849	2,416	25,424		
2006	17,376	7,091	2,856	27,323	32,823	32,823
2007	18,577	7,529	3,236	29,342	39,407	39,407
2008	19,804	7,882	3,792	31,478	38,543	38,543
2009	22,062	8,474	4,180	34,716	43,828	43,828
2010	24,850	9,081	5,242	39,173	50,088	50,088
2011	26,892	9,342	7,011	43,245	56,603	56,623
2012	29,235	9,817	8,063	47,115	62,132	62,166
2013	30,560	9,732	8,974	49,267	65,505	65,520
2014	32,575	10,391	9,875	52,841	70,831	70,858
2015	34,850	11,025	12,860	58,736	79,730	79,758
2016	34,761	10,734	13,792	59,286	81,077	81,280
2017	35,769	11,107	13,283	60,159	83,106	82,925
2018	36,594	11,138	13,075	60,807	84,199	84,237
2019	37,516	11,142	14,024	62,682	85,341	85,345

* Global includes exports to Northern Emirates

الطلب السنوي على الكهرباء (جيجاوات ساعة)

Annual Energy Demand (Gross GWh)



الطلب الشهري على الكهرباء (جيجاوات ساعة) 2015 - 2019

Monthly Energy Demand (Gross GWh) 2015 - 2019

2015													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	2,009	2,068	2,433	2,548	3,148	3,535	3,765	3,801	3,478	3,259	2,527	2,279	34,850
Al Ain	528	541	681	875	1,129	1,241	1,315	1,277	1,125	995	709	608	11,025
Al Dhafra	765	626	705	995	1,162	1,235	1,380	1,285	1,255	1,240	1,089	1,122	12,860
System	3,302	3,235	3,819	4,418	5,439	6,011	6,461	6,364	5,858	5,494	4,325	4,010	58,736
Global	4,451	4,415	5,153	5,981	7,307	8,211	8,872	8,750	8,064	7,394	5,843	5,290	79,730
Global including GCC	4,454	4,416	5,154	5,986	7,313	8,211	8,879	8,755	8,064	7,394	5,843	5,290	79,758
2016													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	1,991	1,874	2,256	2,464	3,264	3,308	3,802	3,831	3,434	3,220	2,853	2,464	34,761
Al Ain	515	518	614	760	1,118	1,165	1,294	1,288	1,147	945	758	612	10,734
Al Dhafra	1,003	860	969	1,015	1,335	1,286	1,338	1,376	1,305	1,162	1,087	1,056	13,792
System	3,508	3,251	3,840	4,239	5,717	5,758	6,434	6,494	5,887	5,327	4,697	4,132	59,286
Global	4,765	4,386	5,201	5,742	7,715	8,109	8,934	9,005	8,150	7,359	6,260	5,451	81,077
Global including GCC	4,776	4,388	5,202	5,745	7,867	8,144	8,934	9,005	8,150	7,359	6,260	5,451	81,280
2017													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	2,266	1,964	2,492	2,927	3,536	3,552	3,764	3,782	3,384	3,356	2,609	2,138	35,769
Al Ain	552	517	722	955	1,204	1,261	1,298	1,252	1,089	1,003	707	546	11,107
Al Dhafra	967	919	1,031	1,110	1,269	1,201	1,230	1,236	1,144	1,170	983	1,024	13,283
System	3,785	3,400	4,245	4,992	6,010	6,014	6,292	6,271	5,617	5,529	4,300	3,707	60,159
Global	5,098	4,453	5,651	6,655	8,175	8,529	8,790	8,650	7,875	7,665	6,188	5,378	83,106
Global including GCC	5,099	4,450	5,652	6,656	8,180	8,533	8,790	8,650	7,875	7,665	6,188	5,188	82,925
2018													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	2,130	2,060	2,408	2,817	3,428	3,802	4,043	3,761	3,764	3,369	2,653	2,358	36,594
Al Ain	542	571	697	898	1,166	1,276	1,329	1,235	1,180	964	703	579	11,138
Al Dhafra	982	874	982	1,008	1,241	1,280	1,334	1,237	1,203	1,090	913	931	13,075
System	3,654	3,505	4,087	4,722	5,834	6,358	6,706	6,232	6,148	5,423	4,269	3,868	60,807
Global	4,837	4,698	5,614	6,461	7,999	8,768	9,447	8,952	8,613	7,717	5,897	5,195	84,199
Global including GCC	4,834	4,696	5,612	6,461	8,026	8,788	9,447	8,952	8,613	7,717	5,897	5,193	84,237
2019													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	2,279	2,034	2,307	2,714	3,302	3,813	3,994	3,994	3,906	3,706	2,845	2,622	37,516
Al Ain	561	501	610	811	1,088	1,321	1,312	1,292	1,226	1,070	714	635	11,142
Al Dhafra	915	873	1,026	1,049	1,264	1,326	1,309	1,316	1,353	1,338	1,130	1,123	14,024
System	3,755	3,408	3,943	4,575	5,654	6,460	6,614	6,602	6,486	6,114	4,689	4,381	62,682
Global	4,986	4,481	5,219	6,145	7,735	9,027	9,366	9,323	9,021	8,413	6,080	5,543	85,341
Global including GCC	4,986	4,480	5,218	6,146	7,740	9,028	9,366	9,323	9,021	8,413	6,080	5,543	85,345

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
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
2017	2,266	1,964	2,492	2,927	3,536	3,552	3,764	3,782	3,384	3,356	2,609	2,138
2018	2,130	2,060	2,408	2,817	3,428	3,802	4,043	3,761	3,764	3,369	2,653	2,358
2019	2,279	2,034	2,307	2,714	3,302	3,813	3,994	3,994	3,906	3,706	2,845	2,622

Ratio of Abu Dhabi Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2017	59.90	51.94	65.88	77.38	93.48	93.92	99.52	100.00	89.47	88.72	68.99	56.52
2018	52.67	50.97	59.57	69.68	84.80	94.05	100.00	93.04	93.10	83.33	65.63	58.33
2019	57.06	50.91	57.76	67.96	82.67	95.47	99.99	100.00	97.81	92.79	71.23	65.66

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
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
2017	552	517	722	955	1,204	1,261	1,298	1,252	1,089	1,003	707	546
2018	542	571	697	898	1,166	1,276	1,329	1,235	1,180	964	703	579
2019	561	501	610	811	1,088	1,321	1,312	1,292	1,226	1,070	714	635

Ratio of Al Ain Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2017	42.53	39.82	55.63	73.61	92.80	97.16	100.00	96.49	83.88	77.29	54.51	42.03
2018	40.81	42.92	52.40	67.52	87.68	95.97	100.00	92.88	88.79	72.52	52.87	43.57
2019	42.50	37.92	46.21	61.39	82.34	100.00	99.29	97.84	92.83	81.00	54.06	48.09

نسبة الطلب الشهري قياسا بذروة الطلب السنوي على الكهرباء في منطقة الظفرة

Ratio of Monthly Energy Demand to Annual Peak Energy Demand of Al Dhafra Region

Al Dhafra Region Energy Demand (GWh)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2017	967	919	1,031	1,110	1,269	1,201	1,230	1,236	1,144	1,170	983	1,024
2018	982	874	982	1,008	1,241	1,280	1,334	1,237	1,203	1,090	913	931
2019	915	873	1,026	1,049	1,264	1,326	1,309	1,316	1,353	1,338	1,130	1,123

Ratio of Al Dhafra Region Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2017	76.19	72.40	81.20	87.41	100.00	94.59	96.87	97.37	90.11	92.15	77.43	80.62
2018	73.58	65.50	73.59	75.51	92.98	95.96	100.00	92.67	90.19	81.70	68.44	69.75
2019	67.61	64.54	75.80	77.54	93.42	97.96	96.71	97.24	100.00	98.89	83.54	83.01

نسبة الطلب الشهري على الكهرباء مقارنة بذروة الطلب السنوي في النظام

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
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
2017	3,785	3,400	4,245	4,992	6,010	6,014	6,292	6,271	5,617	5,529	4,300	5,451
2018	3,654	3,505	4,087	4,722	5,834	6,358	6,706	6,232	6,148	5,423	4,269	3,868
2019	3,755	3,408	3,943	4,575	5,654	6,460	6,614	6,602	6,486	6,114	4,689	4,381

Ratio of System Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2017	60.16	54.04	67.46	79.34	95.51	95.59	100.00	99.66	89.27	87.87	68.34	86.63
2018	54.48	52.26	60.94	70.41	87.00	94.81	100.00	92.93	91.67	80.86	63.66	57.68
2019	56.78	51.53	59.62	69.16	85.48	97.67	100.00	99.83	98.06	92.45	70.90	66.24

الإنتاج السنوي للكهرباء (ميجاوات ساعة) Annual Electricity Generation (Gross GWh)

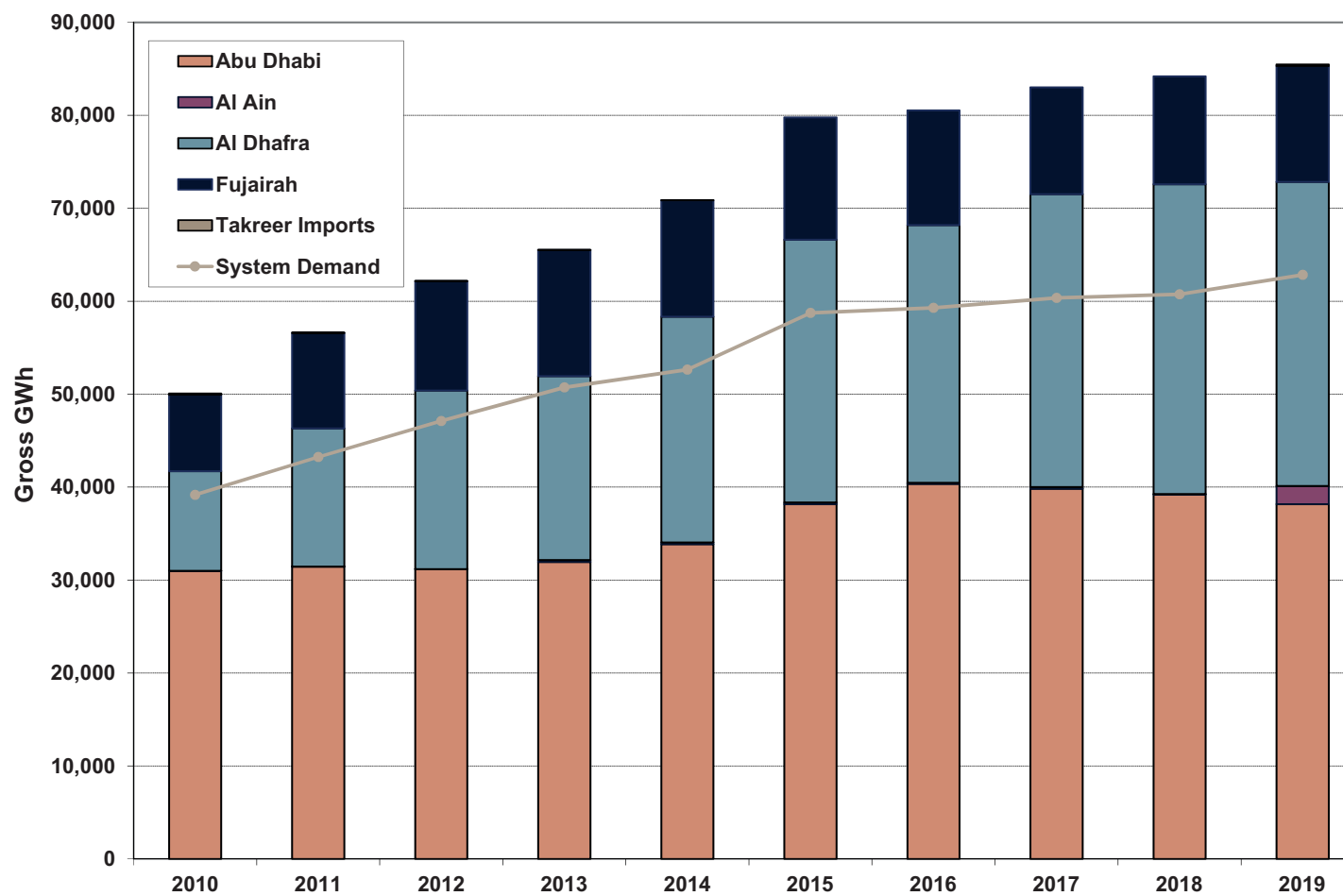
Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Station										
Taweelah B	349	1,331	1,478	823	1,821	1,601	1,664	1,753	1,776	1,664
Taweelah B2 Extension	1,510	2,034	2,103	1,776	2,151	2,308	2,255	2,242	2,296	2,351
Taweelah New Extension	6,555	6,235	6,490	6,899	6,831	7,732	7,853	7,337	7,474	6,977
TAPCO Total	8,414	9,600	10,070	9,498	10,803	11,641	11,773	11,332	11,546	10,991
Al Ain	8	0	0	203	178	198	130	179	49	3,919
Al Mirfa	782	714	666	277	29	78				
Madinat Zayed	22	124	20	90	25	29	39	20	12	651
AMPC Total	813	839	686	569	231	305	169	199	61	4,570
New Mirfa							75	3,089	5,844	6,369
MIPCO Total							75	3,089	5,844	6,369
Shams1				54	243	243	261	257	233	230
SHAMS 1 Total				54	243	243	261	257	233	230
Taweelah A2	4,295	3,672	4,458	4,546	5,162	5,206	4,998	5,161	5,525	5,168
ECPC Total	4,295	3,672	4,458	4,546	5,162	5,206	4,998	5,161	5,525	5,168
Taweelah A1	7,163	7,429	6,850	7,134	7,867	9,620	11,108	10,493	10,339	11,204
GTTPC Total	7,163	7,429	6,850	7,134	7,867	9,620	11,108	10,493	10,339	11,204
Shuweihat S1	9,807	8,790	9,422	9,287	9,344	9,991	10,362	9,399	8,958	9,588
SCIPCO Total	9,807	8,790	9,422	9,287	9,344	9,991	10,362	9,399	8,958	9,588
Shuweihat S2	111	5,226	9,090	9,887	8,916	9,747	10,430	10,919	10,404	10,350
RPC Total	111	5,226	9,090	9,887	8,916	9,747	10,430	10,919	10,404	10,350

الإنتاج السنوي للكهرباء (ميجاوات ساعة) (تابع)

Annual Electricity Generation (Gross GWh) (continued)

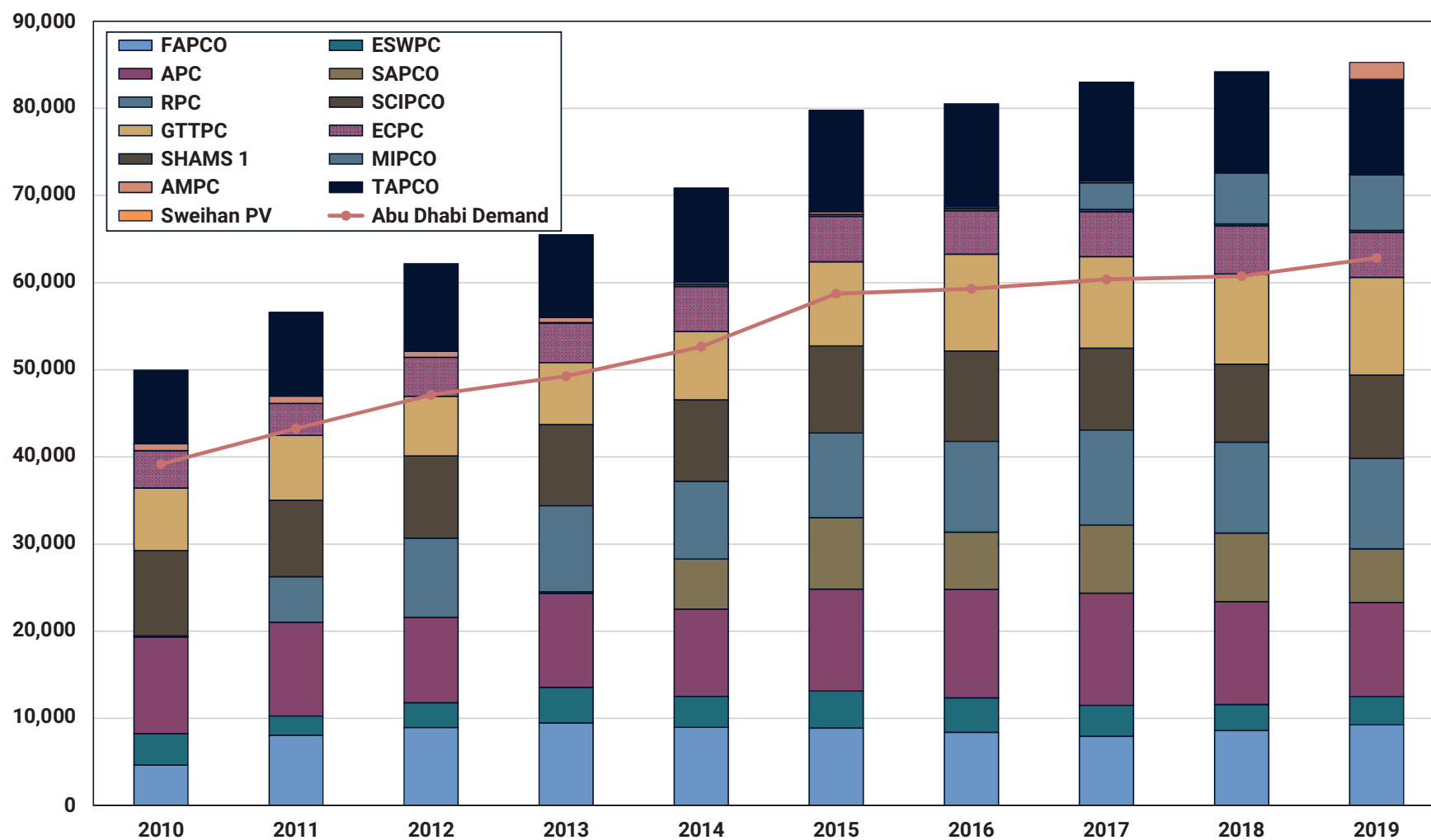
Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Station										
Shuweihat S3				181	5,740	8,183	6,545	7,806	7,877	6,158
SAPCO Total				181	5,740	8,183	6,545	7,806	7,877	6,158
Umm Al Nar East	429	344	44	136	61	238	91	30	25	3
Umm Al Nar West	1,759	1,685	1,445	1,605	1,200	1,547	1,318	1,428	602	116
Sas Al Nakhl	8,922	8,728	8,312	9,039	8,775	9,906	11,053	11,391	11,172	10,689
APC Total	11,111	10,757	9,801	10,780	10,036	11,691	12,462	12,850	11,798	10,807
EWEC SYSTEM Total	41,712	46,314	50,378	51,883	58,100	66,383	67,847	68,158	72,586	72,830
Net Imports from EMAL	18	-6	-2	26	11	-24	-9	-2	44	-121
Net Imports from (ENG) to Abu Dhabi	-2,686	-4,149	-4,698	1	-5,494	-7	-8	-9	-9	-8
Net Imports from (ENG)	-9,614	-12,210	-13,594	-14,781	-16,809	-19,616	-20,179	-21,067	-21,801	-20,790
Net Imports from Takreer	128	53	2,828	1,631	687					156
Net Imports from GCC		-20,084	-34,087	-15,425	-27,519	-14,655	635	102	-27	-12
Total Net Imports	-9,468	-12,184	-13,627	-14,769	-16,824	-19,616	-19,554	-20,966	-21,785	-20,776
Qidfa Auxiliary	1,301	1,148	1,423	1,457	1,376	1,418	1,687	1,677	1,644	1,713
Abu Dhabi Demand	39,173	43,245	47,115	49,267	52,646	58,736	59,286	60,363	60,753	62,837
ESWPC	3,597	2,198	2,853	4,097	3,541	4,263	3,940	3,577	3,004	3,248
FAPCO	4,632	8,064	8,934	9,458	8,963	8,880	8,404	7,924	8,592	9,241
Global Generation	49,942	56,576	62,165	65,492	70,847	79,526	80,527	83,006	84,182	85,319
Global Energy Demand	50,088	56,603	62,132	65,505	70,831	64,847	81,077	83,106	84,199	85,341
Global Energy Demand including GCC	50,088	56,623	62,166	65,520	70,858	79,502	81,280	82,925	84,237	85,345

الإنتاج السنوي للكهرباء حسب المنطقة (ميجاوات ساعة) Annual Electricity Generation by Region (Gross GWh)



الإنتاج السنوي للكهرباء حسب الشركة (ميجاوات ساعة)

Annual Electricity Generation by Company (Gross GWh)



كمية الطاقة المولدة حسب نوع المولدات (جيجاوات ساعة) Energy Generation by Type of Generator (Gross GWh)

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gas Turbines	36,000.61	40,076.77	44,018.80	46,738.52	48,734.83	54,237.61	53,115.43	54,842.31	56,278.73	55,507.32
Steam Turbines	13,941.03	16,499.49	18,146.02	18,753.61	22,111.76	25,531.15	27,411.86	28,163.21	27,903.07	27,893.00
Diesel Engines	0.03	0.02	0.02	0.02	0.03	0.59	0.72	0.03	0.04	0.08
Solar PV										1,918.48
Total	49,941.67	56,576.28	62,164.84	65,492.15	70,846.61	79,769.36	80,527.36	83,005.54	84,181.84	85,318.80

نسبة توليد الطاقة حسب نوع المولدات Energy Generation by Type of Generator (Percent)

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gas Turbines	72.1%	70.8%	70.8%	71.4%	68.8%	68.0%	68.0%	66.0%	66.9%	65.1%
Steam Turbines	27.9%	29.2%	29.2%	28.6%	31.2%	32.0%	32.0%	34.0%	33.1%	32.7%
Diesel Engines	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Solar PV										2.2%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

الاستهلاك الداخلي السنوي للمحطات (ميجاوات ساعة)

Annual Auxiliary Electricity Consumption by Station (GWh)

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Station										
Taweelah B	623	686	731	643	705	698	653	680	658	595
Taweelah B2 Extension	193	197	215	271	223	204	166	170	164	179
Taweelah New Extension	614	589	603	599	521	562	549	515	570	504
TAPCO Total	1,431	1,471	1,549	1,513	1,448	1,463	1,368	1,365	1,392	1,279
Al Ain	4	4	3	5	5	5	5	5	4	3
Al Mirfa	295	275	268	189	175	160				
Madinat Zayed	2	2	1,956	2	2	2	2	2	2	2
AMPC Total	301	280	2,227	196	181	167	6	7	5	5
Shams 1				20	29	29	30	31	29	26
Shams 1 Total				20	29	29	30	31	29	26
Taweelah A1	544	530	501	510	532	538	559	544	541	497
GTTPC Total	544	530	501	510	532	538	559	544	541	497
Taweelah A2	407	409	425	411	438	428	413	423	436	419
ECPC Total	407	409	425	411	438	428	413	423	436	419

الاستهلاك الداخلي السنوي للمحطات (ميجاوات ساعة) (تابع)
Annual Auxiliary Electricity Consumption by Station (GWh)
(continued)

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Station										
Shuweihat S1	929	874	829	867	848	833	846	785	810	716
SCIPCO Total	929	874	829	867	848	833	846	785	810	716
Shuweihat S2	3	444	625	720	723	753	762	746	728	746
RPC Total	3	444	625	720	723	753	762	746	728	746
Shuweihat S3				20	2,257	257	216	256	254	213
SAPCO Total				20	2,257	257	216	256	254	213
New Mirfa							86	582	594	624
MIPCO Total							86	582	594	624
Umm Al Nar East	157	168	166	171	161	169	163	132	96	29
Umm Al Nar West	397	336	360	345	334	359	340	342	225	120
Sas Al Nakhl	823	827	822	846	780	1	812	783	828	796
APC Total	1,378	1,331	1,348	1,361	1,275	528	1,315	1,256	1,149	945
EWEC SYSTEM Total	4,992	5,339	7,503	5,620	5,699	5,773	5,516	5,995	5,939	5,469
ESWPC	891	614	778	850	741	771	854	856	808	829
FAPCO			645	607	635	646	631	636	637	656
Global Auxiliary Consumption	6,293	5,954	6,972	7,077	7,075	7,191	7,001	7,487	7,384	6,953

كميات الكهرباء المصدرة و المستوردة سنويا (ميجاوات ساعة)

Annual Electricity Exports and Imports (MWh)

Year	Abu Dhabi	Al Ain	Al Dhafra	Takreer (included Al Dhafra)	EMAL	ENG			Al Dhafra	
	Abu Dhabi Region / Al Dhafra Region + Al Ain Region + Other Emirates	Al Ain Region / Abu Dhabi & Al Dhafra Region	Al Dhafra Region / Abu Dhabi & Al Ain Region	Takreer / Al Dhafra Region	Emal / Abu Dhabi Region	Emirates National Grid (ENG) / Abu Dhabi Region	ENG / Fujairah Plants	ENG / Abu Dhabi Region & Fujairah Plants	Al Dhafra Region / KSA	Al Dhafra 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	-7,246	-19,569,678	-19,576,924	-15,959	-25,972
2016	5,580,336	-10,577,115	13,920,485	0	-9,374	-7,947	-20,171,161	-20,179,108	-596,812	-25,084
2017	4,066,765	-10,958,744	18,207,180	0	-1,685	-8,759	-21,057,754	-21,066,513	-149,341	-28,486
2018	2,614,593	-6,206,142	20,253,198	0	43,965	-8,979	-21,792,468	-21,801,447	3,708	-7,752
2019	655,341	-9,071,311	18,677,025	155,504,400	-121,435	-7,610	-20,782,779	-20,790,389	-89,813	-54,349

Notes:

Takreer Exports/Imports are included in the Al Dhafra 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 والمستوردة شهريا (ميجاوات ساعة) 2014 - 2015

Monthly Electricity Exports and Imports (MWh) 2014 - 2015

2014													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
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 -> Al Dhafra	-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
Al Dhafra -> 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
Al Dhafra -> 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
Al Dhafra -> 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 Al Dhafra	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

2015													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	246,990	259,158	15,149	190,924	193,463	203,304	368,161	269,141	119,667	236,363	536,552	668,674	3,307,547
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 -> Al Dhafra	-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
Al Dhafra -> Abu Dhabi	874,762	909,103	965,016	1,087,296	1,324,438	1,279,015	1,286,478	1,362,273	1,284,350	843,062	609,366	645,848	12,471,007
Al Dhafra -> 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
Al Dhafra -> 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 Al Dhafra	1,021,002	1,077,136	1,166,464	1,322,009	1,631,838	1,582,815	1,623,551	1,713,404	1,624,421	1,059,532	799,716	788,458	15,410,345
Takreer	-2,759	-2,427	-2,662	-2,573	-2,128	-1,735	-827	-4,405	-2,038	-1,237	-1,088	-457	-24,336
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 والمستوردة شهريا (ميجاوات ساعة) 2016 - 2017

Monthly Electricity Exports and Imports (MWh) 2016 - 2017

2016													
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 -> Al Dhafra	-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
Al Dhafra -> 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
Al Dhafra -> 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
Al Dhafra -> 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 Al Dhafra	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	-577	-791	956	-958	32,567	-79,484	-71,614	-82,754	-72,996	-1,394	177,067	90,605	-9,374
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
2017													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	354,870	162,946	517,328	446,652	387,353	464,241	500,615	383,179	266,939	-123,409	182,806	523,245	4,066,765
Al Ain -> Abu Dhabi	-601,480	-485,604	-820,753	-814,536	-946,255	-1,065,808	-1,151,766	-1,112,661	-948,993	-711,388	-652,235	-708,996	-10,020,475
Al Ain -> Al Dhafra	-273,381	-192,829	-252,944	-264,706	-390,787	-443,836	-477,526	-468,947	-397,113	-381,040	-299,093	-178,295	-4,020,494
Al Ain -> Fujairah	356,445	205,035	407,443	180,764	205,698	271,645	311,626	295,474	182,821	93,438	253,092	347,232	3,110,711
Al Ain -> GCC	758	-3,573	1,796	1,083	3,496	1,514	-6,920	-10,140	704	-9,217	-3,131	-4,855	-28,486
Total flow from Al Ain	-517,658	-476,971	-664,458	-897,395	-1,127,849	-1,236,485	-1,324,586	-1,296,273	-1,162,582	-1,008,208	-701,368	-544,914	-10,958,744
Al Dhafra -> Abu Dhabi	799,199	643,536	888,167	855,127	1,229,405	1,499,683	1,458,326	1,439,314	1,478,522	1,421,166	1,426,867	1,196,715	14,336,027
Al Dhafra -> Al Ain	273,381	192,829	252,944	264,706	390,787	443,836	477,526	468,947	397,113	381,040	299,093	178,295	4,020,494
Al Dhafra -> GCC	-5,911	-5,140	-4,037	-5,518	-3,418	-8,109	125,841	139,762	-6,967	-6,099	-184,195	-185,551	-149,341
Total flow from Al Dhafra	1,066,669	831,224	1,137,074	1,114,314	1,616,773	1,935,410	2,061,693	2,048,022	1,868,669	1,796,107	1,541,766	1,189,459	18,207,180
Takreer													
EMAL	89,083	119,154	146,271	136,582	123,060	-45,143	-192,390	-182,438	-175,708	-20,463		306	-1,685
Other Emirates -> Abu Dhabi	-639	-427	-734	-620	-800	-936	-1,021	-960	-760	-597	-615	-651	-8,759
Other Emirates -> Fujairah	-1,189,378	-927,587	-1,294,535	-1,536,090	-2,022,550	-2,377,251	-2,591,601	-2,501,430	-2,115,183	-1,969,898	-1,378,908	-1,153,342	-21,057,754
Other Emirates	-1,190,018	-928,015	-1,295,269	-1,536,710	-2,023,350	-2,378,187	-2,592,622	-2,502,390	-2,115,944	-1,970,495	-1,379,523	-1,153,993	-21,066,513

كميات الكهرباء المصدرة والمستوردة شهريا (ميجاوات ساعة) 2018 - 2019

Monthly Electricity Exports and Imports (MWh) 2018 - 2019

2018													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	396,854	165,252	242,162	220,209	192,800	50,277	-53,771	121,411	106,992	359,125	517,929	295,353	2,614,593
Al Ain -> Abu Dhabi	-610,133	-610,133	-610,133	-610,133	-610,133	-610,133	-610,133	-610,133	-610,133	-610,133	-610,133	-610,133	-7,321,590
Al Ain -> Al Dhafra	-102,012	-102,012	-102,012	-102,012	-102,012	-102,012	-102,012	-102,012	-102,012	-102,012	-102,012	-102,012	-1,224,138
Al Ain -> Fujairah	195,612	195,612	195,612	195,612	195,612	195,612	195,612	195,612	195,612	195,612	195,612	195,612	2,347,338
Al Ain -> GCC	-646	-646	-646	-646	-646	-646	-646	-646	-646	-646	-646	-646	-7,752
Total flow from Al Ain	-517,179	-517,179	-517,179	-517,179	-517,179	-517,179	-517,179	-517,179	-517,179	-517,179	-517,179	-517,179	-6,206,142
Al Dhafra -> Abu Dhabi	607,633	692,183	1,367,776	1,384,009	1,980,163	2,126,698	2,486,041	2,376,259	2,110,963	1,745,653	1,157,297	990,678	19,025,352
Al Dhafra -> Al Ain	102,012	102,012	102,012	102,012	102,012	102,012	102,012	102,012	102,012	102,012	102,012	102,012	1,224,138
Al Dhafra -> GCC	304	305	306	307	308	309	310	311	312	313	314	315	3,708
Total flow from Al Dhafra	709,948	794,499	1,470,093	1,486,327	2,082,482	2,229,018	2,588,362	2,478,581	2,213,286	1,847,977	1,259,622	1,093,004	20,253,198
Takreer													
EMAL	78,663	111,836	-12	120	106	-562	-737	-167,152	-23,713	109	2	45,306	43,965
Other Emirates -> Abu Dhabi	-456	-400	-700	-637	-894	-856	-945	-940	-873	-899	-772	-608	-8,979
Other Emirates -> Fujairah	-1,064,764	-1,083,109	-1,396,236	-1,610,281	-2,078,039	-2,299,288	-2,574,650	-2,558,368	-2,312,017	-2,141,171	-1,487,629	-1,186,916	-21,792,468
Other Emirates	-1,065,220	-1,083,509	-1,396,936	-1,610,919	-2,078,933	-2,300,145	-2,575,595	-2,559,308	-2,312,890	-2,142,070	-1,488,401	-1,187,524	-21,801,447
2019													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	417,303	337,029	292,421	145,152	-48,606	-74,118	-47,392	41,350	-69,124	-103,728	-165,143	-69,803	655,341
Al Ain -> Abu Dhabi	-586,275	-546,647	-601,733	-642,689	-880,487	-1,146,218	-1,205,656	-1,213,677	-1,074,867	-806,571	-528,695	-433,131	-9,666,643
Al Ain -> Al Dhafra	-100,129	-86,656	-98,640	-129,651	-212,201	-280,168	-312,327	-320,708	-289,613	-213,406	-187,046	-95,783	-2,326,326
Al Ain -> Fujairah	337,020	304,744	259,400	159,374	219,522	290,381	352,615	378,494	276,537	138,272	181,398	78,253	2,976,007
Al Ain -> GCC	-6,048	-4,080	-3,883	-1,281	1,022	-5,944	-7,037	-5,685	-7,074	-5,886	-5,352	-3,103	-54,349
Total flow from Al Ain	-355,431	-332,639	-444,856	-614,247	-872,145	-1,141,949	-1,172,405	-1,161,576	-1,095,017	-887,591	-539,695	-453,764	-9,071,311
Al Dhafra -> Abu Dhabi	860,186	766,279	812,325	983,690	1,558,062	2,058,518	2,236,960	2,212,256	1,971,069	1,403,281	971,294	606,591	16,440,512
Al Dhafra -> Al Ain	100,129	86,656	98,640	129,651	212,201	280,168	312,327	320,708	289,613	213,406	187,046	95,783	2,326,326
Al Dhafra -> GCC	-6,914	-3,256	-2,484	-4,626	-5,470	-9,102	-9,411	-12,859	-11,843	-9,796	-9,205	-4,848	-89,813
Total flow from Al Dhafra	953,401	849,679	908,481	1,108,715	1,764,793	2,329,584	2,539,876	2,520,106	2,248,839	1,606,891	1,149,135	697,527	18,677,025
Takreer										155,504			155,504
EMAL	1,787	955	510	259	2,320	-49,173	-163,304	-188,205	-96,033	76,658	131,169	161,623	-121,435
Other Emirates -> Abu Dhabi	-602	-535	-523	-498	-663	-850	-936	-957	-817	-585	-405	-238	-7,610
Other Emirates -> Fujairah	-1,102,764	-964,265	-1,142,620	-1,436,640	-1,926,933	-2,414,319	-2,592,960	-2,562,893	-2,379,005	-1,985,597	-1,250,035	-1,024,749	-20,782,779
Other Emirates	-1,103,367	-964,800	-1,143,143	-1,437,138	-1,927,596	-2,415,169	-2,593,896	-2,563,851	-2,379,823	-1,986,182	-1,250,440	-1,024,987	-20,790,389

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

الأحمال القصوى الأسبوعية للشبكة (ميجاوات) 1999 - 2019

System Weekly Electricity Peak Demand (MW) 1999 - 2019

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010*	2011*	2012*	2013*	2014*	2015*	2016*	2017*	2018*	2019*
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	5,964	5,456	5,787
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	5,804	5,620	5,972
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	5,679	5,696	6,115
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	5,794	5,584	5,777
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	5,782	5,641	5,996
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	5,623	5,482	5,804
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	5,756	5,882	6,008
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	5,511	6,329	5,969
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	5,655	5,760	6,087
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	5,881	6,420	5,883
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	6,521	6,638	6,081
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	7,323	6,562	6,470
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	6,868	7,091	6,952
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	7,559	7,196	7,458
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	8,200	7,621	7,753
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	8,321	7,922	7,903
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	8,591	8,603	8,756
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	9,107	8,793	8,046
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	9,111	7,530	8,712
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	9,016	9,458	8,898
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	9,447	9,007	8,899
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	9,499	9,690	9,691
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	9,883	10,420	10,108
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	10,113	10,290	10,999
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	10,180	10,357	11,111
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	10,209	10,036	11,024

Notes:

1999 - 2009 data are Hourly peaks

*2010 - 2019 data are instantaneous peaks

الأحمال القصوى الأسبوعية للشبكة (ميجاوات) 1999 - 2019 (تابع)

System Weekly Electricity Peak Demand (MW) 1999 - 2019 (continued)

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010*	2011*	2012*	2013*	2014*	2015*	2016*	2017*	2018*	2019*
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	10,539	10,768	10,962
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	10,524	11,080	10,823
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	10,548	10,939	10,673
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	10,688	10,389	10,792
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	10,867	10,677	10,815
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	10,870	10,756	10,878
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	10,666	10,736	10,905
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	10,494	10,547	11,041
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	10,105	10,762	11,092
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	10,136	10,386	11,109
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	10,074	10,416	11,108
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	9,918	10,335	10,723
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	9,543	10,077	10,546
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	9,390	9,302	10,430
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	9,140	9,289	9,893
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	8,914	8,565	9,492
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	8,188	8,306	8,846
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	7,980	7,952	8,650
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	7,516	7,335	8,123
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	7,378	7,481	7,438
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	6,572	6,932	7,041
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	6,512	7,053	6,500
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	6,236	6,543	6,401
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	5,929	6,389	6,623
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	5,713	6,138	6,562
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	5,772	5,771	6,043

Notes:

1999 - 2009 data are Hourly peaks

*2010 - 2019 data are instantaneous peaks

الأحمال القصوى الأسبوعية للشبكة (نسبة مئوية من الذروة) 1999 - 2019

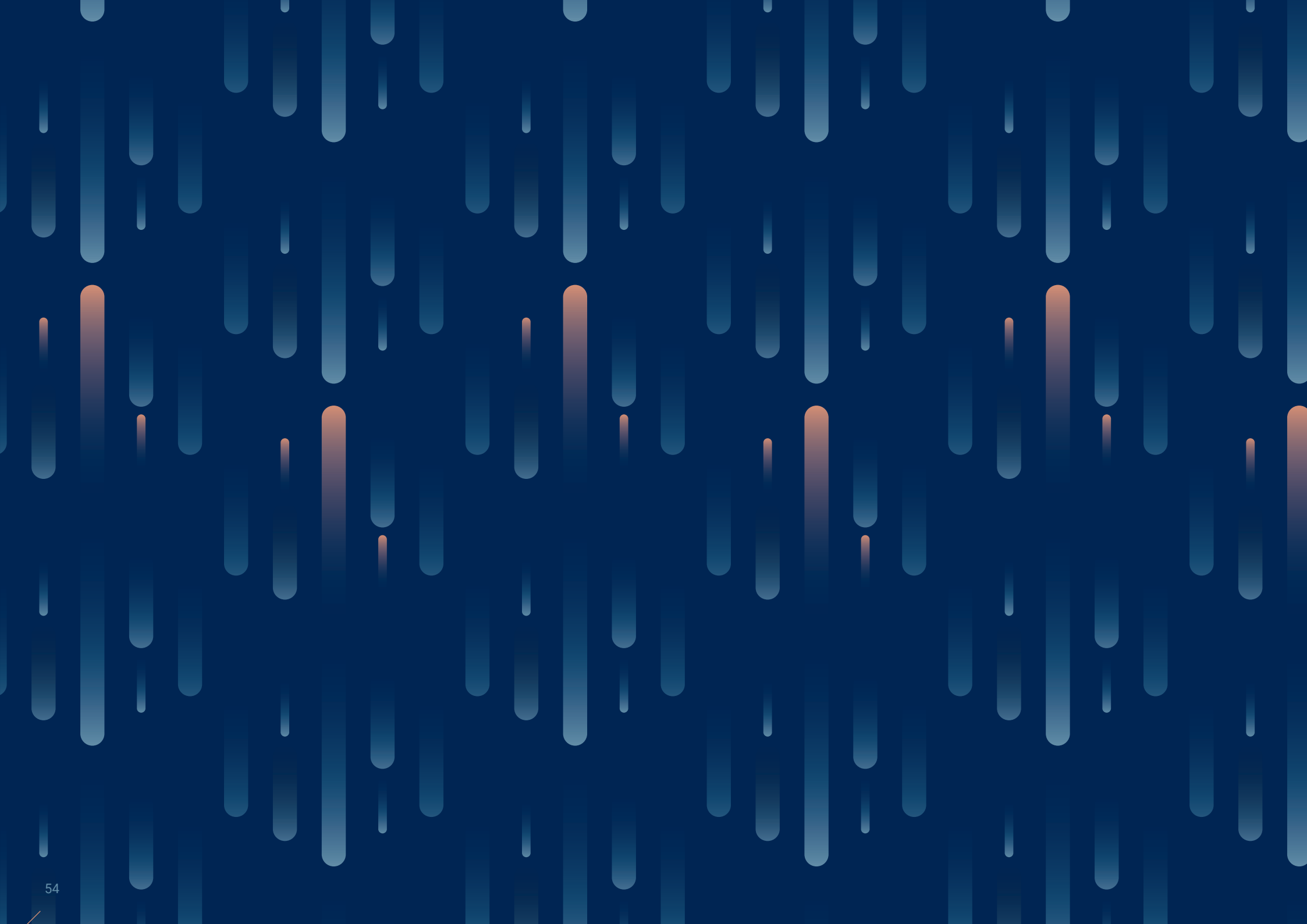
System Weekly Electricity Peak (Percentage of Annual Peak) 1999 - 2019

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
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%	54.9%	49.2%	52.1%
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%	53.4%	50.7%	53.7%
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%	52.2%	51.4%	55.0%
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%	53.3%	50.4%	52.0%
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%	53.2%	50.9%	54.0%
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%	51.7%	49.5%	52.2%
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%	53.0%	53.1%	54.1%
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%	50.7%	57.1%	53.7%
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%	52.0%	52.0%	54.8%
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%	54.1%	57.9%	52.9%
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%	60.0%	59.9%	54.7%
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%	67.4%	59.2%	58.2%
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%	63.2%	64.0%	62.6%
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%	69.5%	64.9%	67.1%
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%	75.4%	68.8%	69.8%
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%	76.6%	71.5%	71.1%
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%	79.0%	77.6%	78.8%
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%	83.8%	79.4%	72.4%
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%	83.8%	68.0%	78.4%
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%	82.9%	85.4%	80.1%
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%	86.9%	81.3%	80.1%
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%	87.4%	87.5%	87.2%
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%	90.9%	94.0%	91.0%
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%	93.0%	92.9%	99.0%
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%	93.7%	93.5%	100.0%
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%	93.9%	90.6%	99.2%

الأحمال القصوى الأسبوعية للشبكة (نسبة مئوية من الذروة) 1999 - 2019 (تابع)

System Weekly Electricity Peak
(Percentage of Annual Peak) 1999 - 2019 (continued)

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
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%	97.0%	97.2%	98.7%
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%	96.8%	100.0%	97.4%
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%	97.0%	98.7%	96.1%
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%	98.3%	93.8%	97.1%
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%	100.0%	96.4%	97.3%
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%	100.0%	97.1%	97.9%
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%	98.1%	96.9%	98.1%
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%	96.5%	95.2%	99.4%
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%	93.0%	97.1%	99.8%
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%	93.2%	93.7%	100.0%
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%	92.7%	94.0%	100.0%
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%	91.2%	93.3%	96.5%
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%	87.8%	90.9%	94.9%
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%	86.4%	84.0%	93.9%
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%	84.1%	83.8%	89.0%
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%	82.0%	77.3%	85.4%
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%	75.3%	75.0%	79.6%
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%	73.4%	71.8%	77.9%
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%	69.1%	66.2%	73.1%
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%	67.9%	67.5%	66.9%
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%	60.5%	62.6%	63.4%
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%	59.9%	63.7%	58.5%
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%	57.4%	59.1%	57.6%
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%	54.5%	57.7%	59.6%
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%	52.6%	55.4%	59.1%
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%	53.1%	52.1%	54.4%



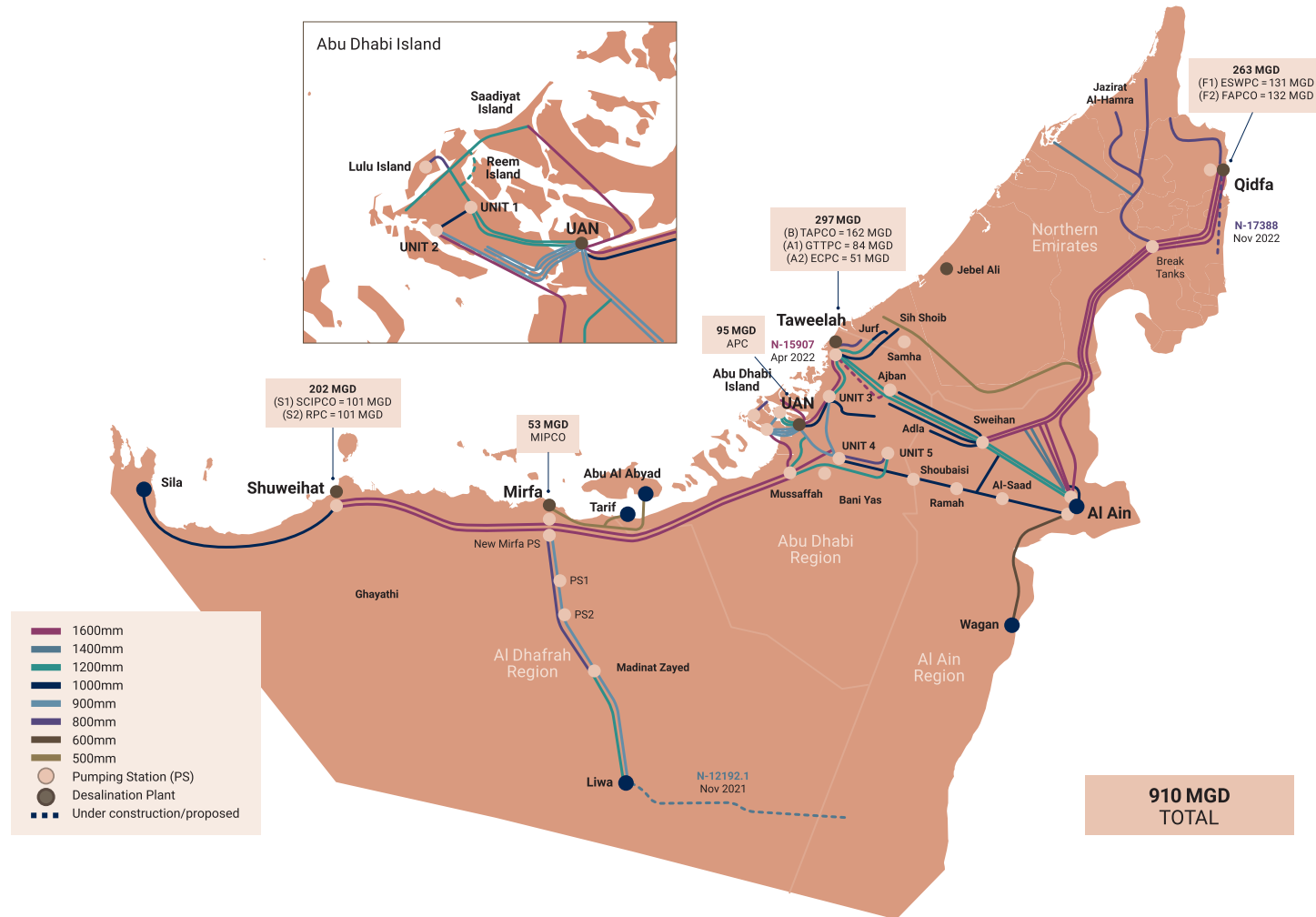
إحصائيات المياه

Water Statistics

56	Water System Network (Summer 2019)	شبكة المياه حتى صيف 2019	56
57	Water Annual Production by Company (MG)	الإنتاج السنوي للمياه حسب الشركة (مليون جالون)	57
58	Annual Water Production by Station (MG) 2010 - 2019	الإنتاج السنوي حسب المحطات (مليون جالون) 2010 - 2019	58
60	Annual Water Production by Region (MG)	الإنتاج السنوي للمياه حسب المناطق (مليون جالون)	60
60	Annual Average Daily Water Production by Region (MGD)	معدل الإنتاج اليومي للمياه سنويا حسب المناطق (مليون جالون/يوم)	60
61	Monthly Water Production by Region (MG) 2014 - 2016	الإنتاج الشهري للمياه حسب المناطق (مليون جالون) 2014 - 2016	61
62	Monthly Water Production by Region (MG) 2017 - 2019	الإنتاج الشهري للمياه حسب المناطق (مليون جالون) 2017 - 2019	62
63	Annual Water Supply by Company (MG) 2010 - 2019	كميات المياه المصدرة سنويا حسب الشركات (مليون جالون) 2010 - 2019	63
64	Annual Water Supply by Region (MG) 2005 - 2019	كميات المياه المصدرة سنويا حسب المناطق (مليون جالون) 2005 - 2019	64
66	Monthly Water Supply by Company (MG) 2014 - 2015	كميات المياه المصدرة شهريا من شركات الإنتاج (مليون جالون) 2014 - 2015	66
67	Monthly Water Supply by Company (MG) 2016 - 2017	كميات المياه المصدرة شهريا من شركات الإنتاج (مليون جالون) 2016 - 2017	67
68	Monthly Water Supply by Company (MG) 2018 - 2019	كميات المياه المصدرة شهريا من شركات الإنتاج (مليون جالون) 2018 - 2019	68
69	Monthly Water Supply by Company (MG)	كميات المياه المصدرة شهريا من شركات الإنتاج (مليون جالون)	69

شبكة المياه حتى صيف 2019

Water System Network (Summer 2019)

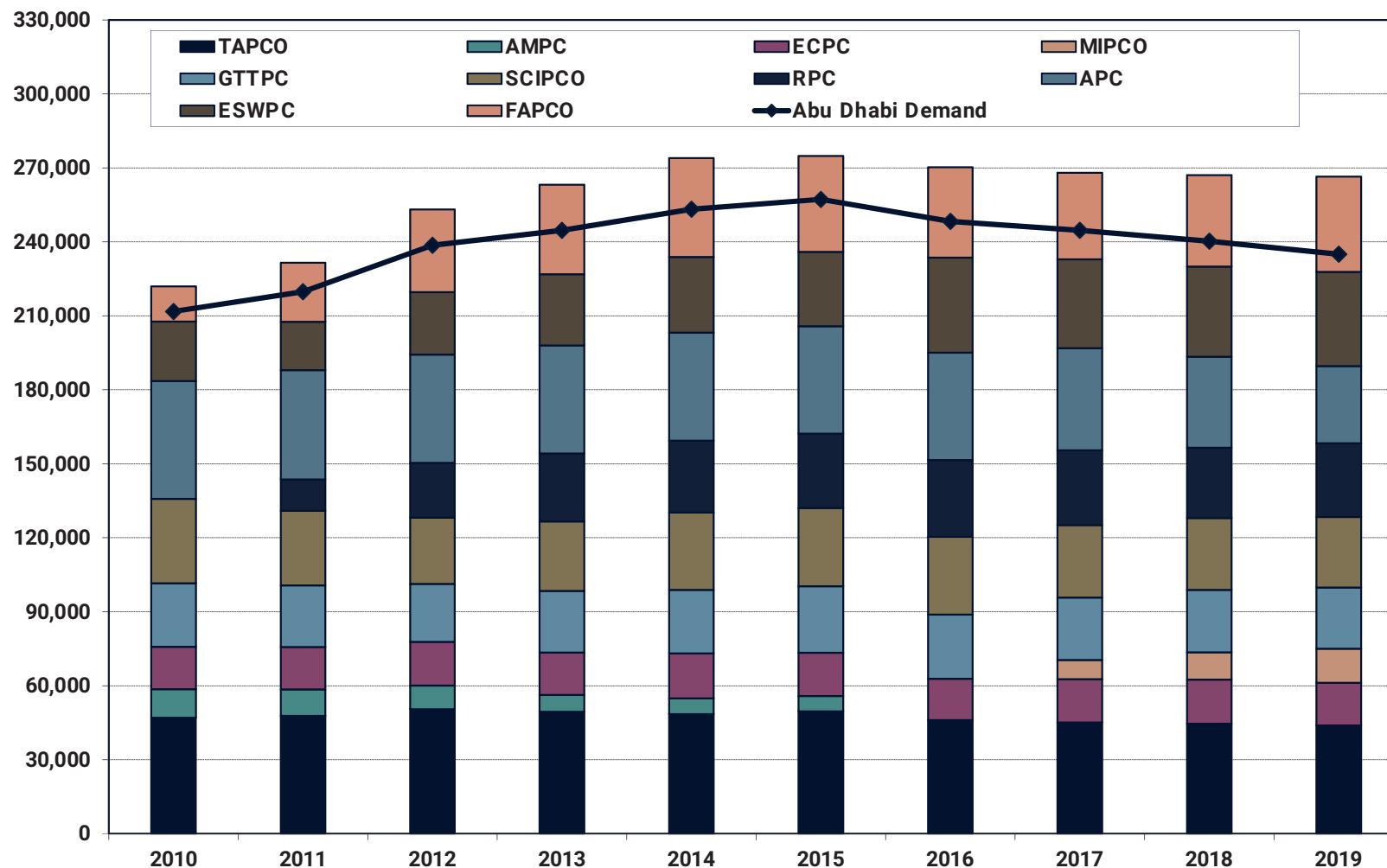


مواقع إنتاج المياه وسعة كل منها، قياسا بشبكة نقل المياه

Water Production Sites & Capacities with Water Transmission Network (NTS)

الإنتاج السنوي للمياه حسب الشركة (مليون جالون)

Water Annual Production by Company (MG)



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

الإنتاج السنوي حسب المحطات (مليون جالون) 2010 - 2019

Annual Water Production by Station (MG) 2010-2019

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Station										
Taweelah B	18,540	19,743	22,019	21,345	21,864	21,854	18,034	19,181	18,912	18,491
Taweelah B2 Extension	6,410	7,122	7,167	6,336	6,733	6,347	6,457	6,283	6,443	6,629
Taweelah New Extension	22,045	20,895	21,308	21,768	19,882	21,381	21,588	19,631	19,237	18,785
TAPCO Total	46,995	47,760	50,494	49,449	48,478	49,582	46,080	45,095	44,592	43,905
Al Mirfa	11,553	10,732	9,565	6,765	6,425	6,202				
AMPC Total	11,553	10,732	9,565	6,765	6,425	6,202				
New Mirfa								7,775	11,041	13,832
MIPCO Total								7,775	11,041	13,832
Taweelah A2	17,212	17,223	17,700	17,249	18,164	17,564	16,746	17,544	17,920	17,300
ECPC Total	17,212	17,223	17,700	17,249	18,164	17,564	16,746	17,544	17,920	17,300
Taweelah A1	25,776	24,941	23,505	24,994	25,807	26,969	25,974	25,372	25,322	24,779
GTTPC Total	25,776	24,941	23,505	24,994	25,807	26,969	25,974	25,372	25,322	24,779
Shuweihat S1	34,194	30,239	26,894	28,121	31,371	31,725	31,587	29,339	29,123	28,628
SCIPCO Total	34,194	30,239	26,894	28,121	31,371	31,725	31,587	29,339	29,123	28,628

الإنتاج السنوي حسب المحطات (مليون جالون) 2010 - 2019 (تابع)

Annual Water Production by Station (MG) 2010-2019 (continued)

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Shuweihat S2		12,776	22,216	27,587	29,085	30,160	31,113	30,380	28,558	29,915
RPC Total		12,776	22,216	27,587	29,085	30,160	31,113	30,380	28,558	29,915
Umm Al Nar East	6,029	6,308	5,765	6,247	5,599	5,654	5,640	4,239	2,600	763
Umm Al Nar West	10,908	7,507	8,691	7,613	8,452	7,781	6,754	6,304	3,857	792
Sas Al Nakhl	30,894	30,497	29,491	30,023	29,858	30,181	31,166	30,800	30,454	29,746
APC Total	47,831	44,312	43,947	43,883	43,908	43,616	43,560	41,342	36,911	31,302
EWEC SYSTEM Total	183,561	187,982	194,321	198,048	203,238	205,818	195,060	196,848	193,466	189,660
Fujairah IWPP(s) Exports to Abu Dhabi	28,232	31,806	44,284	46,619	50,026	51,444	53,243	47,815	46,835	45,360
Abu Dhabi Demand	211,793	219,789	238,605	244,668	253,264	257,262	248,304	244,664	240,301	235,020
ESWPC	24,122	19,584	25,331	28,864	30,676	30,165	38,539	36,095	36,533	38,183
FAPCO	14,264	23,971	33,538	36,289	40,046	38,893	36,642	35,061	37,108	38,613
Global Production	221,947	231,538	253,190	263,202	273,960	274,875	270,241	268,004	267,107	266,456

الإنتاج السنوي للمياه حسب المناطق (مليون جالون)

Annual Water Production by Region (MG)

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Abu Dhabi	137,814	134,236	135,646	135,575	136,358	137,731	132,360	129,353	124,745	117,286
Al Dhafra	45,747	53,746	58,675	62,474	66,881	68,087	62,700	67,495	68,721	72,374
Fujairah IWPP(s) Exports to Abu Dhab	28,232	31,806	44,284	46,619	50,026	51,444	53,243	47,815	46,835	45,360
Abu Dhabi Production + Imports	211,793	219,789	238,605	244,668	253,264	257,262	248,304	244,664	240,301	235,020
Exports to Al Ain	55,204	57,360	63,334	65,153	67,958	68,949	64,882	64,120	63,749	62,831
Fujairah IWPP(s) Production	38,386	43,556	58,869	65,153	70,722	69,923	75,181	71,156	73,641	76,797
Global Production	221,947	231,538	253,190	263,202	273,960	274,875	270,241	268,004	267,107	266,456

معدل الإنتاج اليومي للمياه سنويا حسب المناطق (مليون جالون/يوم)

Annual Average Daily Water Production by Region (MGD)

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Abu Dhabi	378	368	371	371	374	377	362	353	341	320
Al Dhafra	125	147	160	171	183	187	171	184	188	198
Fujairah IWPP(s) Exports to Abu Dhab	77	87	121	128	137	141	145	131	128	124
Abu Dhabi Production + Imports	580	602	652	670	694	705	680	670	658	644
Exports to Al Ain	151	157	173	179	186	189	177	175	174	172
Fujairah IWPP(s) Production	105	119	161	179	194	189	205	194	201	210
Global Production	608	634	692	721	751	753	738	734	732	730

الإنتاج الشهري للمياه حسب المناطق (مليون جالون) 2014 - 2016

Monthly Water Production by Region (MG) 2014 - 2016

2014													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	10,151	9,612	10,775	11,131	12,068	11,834	12,229	12,427	11,917	12,193	11,194	10,828	136,358
Al Dhafra	5,063	4,664	5,347	5,261	5,778	5,635	5,631	5,945	5,819	5,997	5,917	5,824	66,881
Fujairah IWPP(s) Exports to Abu Dhabi	3,869	3,341	3,910	3,802	4,185	4,479	4,685	4,534	4,405	4,235	4,274	4,307	50,026
Abu Dhabi Production + Imports	19,083	17,617	20,031	20,194	22,030	21,948	22,546	22,906	22,140	22,425	21,385	20,959	253,264
Exports to Al Ain	5,096	4,746	5,299	5,460	5,838	5,840	6,037	6,044	5,794	6,005	5,889	5,910	67,958
Fujairah IWPP(s) Production	5,416	4,779	5,604	5,547	5,720	6,318	6,593	6,467	6,185	6,081	5,957	6,053	70,722
Global Production	20,631	19,055	21,726	21,939	23,565	23,787	24,454	24,839	23,920	24,270	23,068	22,705	273,960
2015													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	10,408	10,336	11,187	11,384	12,628	11,950	12,197	12,057	11,718	11,965	11,061	10,839	137,731
Al Dhafra	5,398	5,147	5,743	5,640	5,960	6,000	6,297	6,483	6,094	5,352	4,975	4,998	68,087
Fujairah IWPP(s) Exports to Abu Dhabi	3,891	3,084	4,119	3,923	3,810	4,743	4,903	4,891	4,607	4,810	4,676	3,985	51,444
Abu Dhabi Production + Imports	19,697	18,567	21,049	20,947	22,399	22,693	23,398	23,431	22,419	22,127	20,712	19,822	257,262
Exports to Al Ain	5,367	4,983	5,651	5,598	5,817	6,225	6,451	6,374	6,062	6,081	5,363	4,976	68,949
Fujairah IWPP(s) Production	5,460	4,362	5,668	5,487	5,373	6,404	6,648	6,671	6,362	6,161	5,790	4,671	69,057
Global Production	21,266	19,845	22,598	22,511	23,962	24,355	25,143	25,210	24,174	23,478	21,826	21,373	275,741
2016													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	10,263	9,429	9,988	10,797	11,760	11,584	11,932	12,200	11,468	11,760	10,718	10,461	132,360
Al Dhafra	5,191	4,969	5,273	4,905	5,323	5,266	5,353	5,521	5,304	5,506	5,076	5,014	62,700
Fujairah IWPP(s) Exports to Abu Dhabi	3,672	3,682	3,561	4,069	4,817	4,806	5,192	5,282	4,904	4,695	4,371	4,194	53,243
Abu Dhabi Production + Imports	19,126	18,080	18,822	19,771	21,900	21,656s	22,477	23,003	21,675	21,961	20,165	19,669	248,304
Exports to Al Ain	4,681	4,584	4,663	5,203	5,839	5,849	6,070	6,146	5,709	5,766	5,279	5,094	64,882
Fujairah IWPP(s) Production	5,149	5,171	5,069	6,108	6,617	6,816	7,255	7,376	6,872	6,636	6,137	5,975	75,181
Global Production	20,603	19,570	20,330	21,810	23,699	23,666	24,541	25,097	23,643	23,903	21,931	21,449	270,241

الإنتاج الشهري للمياه حسب المناطق (مليون جالون) 2017 - 2019

Monthly Water Production by Region (MG) 2017 - 2019

2017													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	9,952	8,529	10,658	10,599	11,673	11,390	12,332	11,737	11,177	11,061	10,366	9,879	129,353
Al Dhafra	5,130	4,607	4,927	5,456	5,634	6,003	5,738	6,446	6,003	6,313	5,767	5,471	67,495
Fujairah IWPP(s) Exports to Abu Dhabi	3,747	3,633	2,964	3,722	4,430	4,208	4,664	4,630	4,388	4,329	3,694	3,406	47,815
Abu Dhabi Production + Imports	18,829	16,769	18,549	19,777	21,737	21,601	22,733	22,812	21,569	21,703	19,828	18,756	244,664
Exports to Al Ain	4,735	4,203	4,737	5,364	5,937	5,860	6,140	6,108	5,733	5,628	5,013	4,661	64,120
Fujairah IWPP(s) Production	5,483	5,219	4,691	5,562	6,573	6,401	7,080	6,882	6,544	6,509	5,758	4,455	71,156
Global Production	20,565	18,355	20,275	21,617	23,880	23,794	25,150	25,064	23,724	23,883	21,892	19,805	268,004
2018													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	9,929	8,796	10,092	10,378	11,330	10,501	11,131	10,866	10,829	10,964	10,137	9,792	124,745
Al Dhafra	5,432	5,224	5,707	5,606	5,632	5,839	6,276	6,157	5,963	5,822	5,559	5,503	68,721
Fujairah IWPP(s) Exports to Abu Dhabi	2,619	2,823	3,315	3,540	4,321	4,609	4,823	4,699	4,491	4,448	3,600	3,545	46,835
Abu Dhabi Production + Imports	17,980	16,843	19,114	19,524	21,283	20,950	22,231	21,722	21,283	21,234	19,296	18,840	240,301
Exports to Al Ain	4,410	4,315	4,985	5,296	5,764	5,714	5,931	5,971	5,768	5,680	5,027	4,888	63,749
Fujairah IWPP(s) Production	4,383	4,802	5,439	5,720	6,544	6,822	7,191	7,122	7,012	6,875	5,871	5,861	73,641
Global Production	19,744	18,822	21,238	21,705	23,506	23,162	24,598	24,145	23,804	23,661	21,567	21,156	267,107
2019													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	9,406	8,879	8,838	9,205	9,375	10,225	11,003	10,974	10,362	10,356	9,413	9,249	117,286
Al Dhafra	5,799	5,019	5,895	5,665	6,265	6,137	6,445	6,348	6,330	6,467	6,073	5,930	72,374
Fujairah IWPP(s) Exports to Abu Dhabi	3,027	2,650	3,712	3,978	4,328	4,175	4,339	4,054	4,194	4,245	3,427	3,232	45,360
Abu Dhabi Production + Imports	18,232	16,548	18,444	18,848	19,967	20,538	21,788	21,376	20,886	21,068	18,912	18,412	235,020
Exports to Al Ain	4,706	4,342	4,817	5,034	5,438	5,655	5,921	5,812	5,591	5,663	5,018	4,835	62,831
Fujairah IWPP(s) Production	5,371	4,634	5,981	6,360	7,226	6,960	7,191	7,034	6,991	7,101	6,102	5,846	76,797
Global Production	20,576	18,532	20,714	21,230	22,866	23,323	24,640	24,355	23,684	23,925	21,588	21,025	266,456

كميات المياه المصدرة سنويا حسب الشركات (مليون جالون) 2010 - 2019

Annual Water Supply by Company (MG) 2010 - 2019

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Station										
TAPCO	46,382	47,142	49,912	48,831	48,478	49,582	45,424	44,228	43,879	43,146
MIPCO								7,747	10,726	13,575
AMPC	11,221	10,374	9,187	6,496	6,425	6,202				
ECPC	17,210	17,208	17,683	17,103	18,164	17,564	17,544	16,746	17,802	17,164
GTTTC	25,710	24,888	23,454	24,941	25,807	26,969	25,372	25,974	25,505	24,433
SCIPCO	34,208	29,938	26,543	27,690	31,371	31,725	29,339	31,587	28,991	28,391
RPC		9,096	21,857	26,977	29,085	30,160	30,380	31,113	28,018	29,035
APC	47,220	43,594	43,105	43,040	43,908	43,616	41,342	43,560	36,225	30,838
EWEC System Total	181,951	182,240	191,741	195,078	203,238	205,818	190,058	194,075	191,147	186,582
Fujairah IWPP(s) Exports to Abu Dhabi	28,232	31,806	44,284	46,619	50,056	51,444	53,243	47,815	46,835	45,360
Abu Dhabi Supply + Imports	210,184	214,046	236,025	241,697	253,294	257,262	245,246	242,259	237,982	231,942
Export to Al Ain	55,204	57,360	63,334	65,123	67,958	68,949	64,882	64,120	63,749	62,831
ESWPC	23,838	19,338	25,024	28,612	30,676	30,165	38,539	36,095	36,168	37,399
FAPCO	13,797	23,647	33,083	35,921	40,046	38,893	36,642	35,061	36,629	38,049
Global Supply	219,585	225,225	249,848	259,611	269,588	270,094	265,285	265,639	263,945	262,029

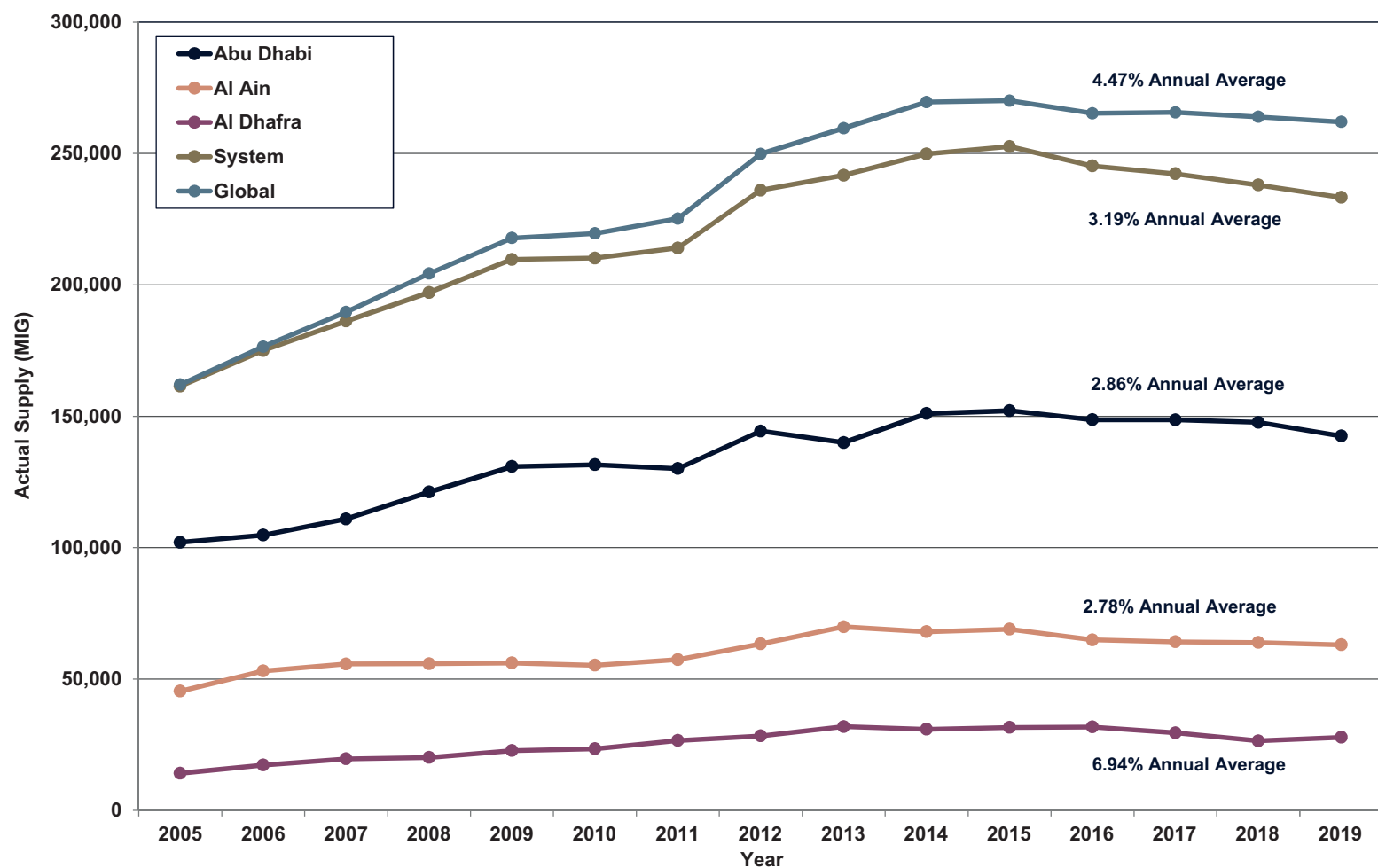
كميات المياه المصدرة سنويا حسب المناطق (مليون جالون) 2005 - 2019

Annual Water Supply by Region (MG) 2005 - 2019

Year	Abu Dhabi	Al Ain	Al Dhafra	System	Exports to NE	Global
2005	101,987	45,343	14,127	161,456		162,016
2006	104,751	53,025	17,235	175,011	1,461	176,472
2007	110,896	55,706	19,617	186,220	3,381	189,601
2008	121,182	55,798	20,116	197,096	7,182	204,279
2009	130,846	56,081	22,733	209,661	8,172	217,833
2010	131,529	55,204	23,450	210,183	9,402	219,585
2011	130,075	57,360	26,611	214,046	11,179	225,225
2012	144,364	63,334	28,327	236,025	13,823	249,848
2013	139,975	69,838	31,884	241,697	17,914	259,611
2014	151,010	67,958	30,870	249,838	19,750	269,588
2015	152,109	68,949	31,570	252,628	17,466	270,094
2016	148,646	64,882	31,718	245,246	20,039	265,285
2017	148,627	64,120	29,512	242,259	23,380	265,639
2018	147,669	63,854	26,459	237,982	25,963	263,945
2019	142,480	63,013	27,801	233,295	28,735	262,029

كميات المياه المصدرة سنويا حسب المناطق (مليون جالون) 2019 - 2005

Annual Water Supply by Region (MG) 2005 - 2019



كميات المياه المصدرة شهريا من شركات الإنتاج (مليون جالون) 2014 - 2015

Monthly Water Supply by Company (MG) 2014 - 2015

2014													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
TAPCO	3,580	3,519	3,822	4,124	4,366	3,968	4,124	4,298	4,074	4,161	4,037	3,796	47,870
AMPC	175	339	431	264	421	464	569	699	696	670	734	655	6,117
ECPC	1,382	1,385	1,545	1,519	1,535	1,525	1,579	1,600	1,534	1,561	1,483	1,408	18,056
GTTPC	1,827	1,701	1,938	1,956	2,312	2,278	2,339	2,386	2,317	2,361	2,157	2,177	25,750
SCIPCO	2,447	2,235	2,234	2,421	2,709	2,622	2,602	2,689	2,817	2,923	2,482	2,748	30,929
RPC	2,331	1,982	2,548	2,458	2,512	2,432	2,325	2,421	2,177	2,272	2,557	2,284	28,298
APC	3,233	2,884	3,338	3,397	3,685	3,879	4,011	3,979	3,831	3,944	3,370	3,241	42,792
Fujairah Export to Abu Dhabi	3,869	3,341	3,910	3,802	4,185	4,479	4,685	4,534	4,405	4,235	4,274	4,307	50,026
EWEC SYSTEM Supply + Imports	18,843	17,387	19,767	19,941	21,724	21,647	22,234	22,607	21,852	22,128	21,093	20,616	249,838
Exports to Al Ain	5,096	4,746	5,299	5,460	5,838	5,840	6,037	6,044	5,794	6,005	5,889	5,910	67,958
ESWPC Supply	2,318	1,981	2,409	2,281	2,628	2,696	2,842	2,623	2,644	2,474	2,607	2,599	30,102
FAPCO Supply	3,036	2,729	3,118	3,187	3,012	3,545	3,673	3,754	3,471	3,522	3,269	3,358	39,674
Global Supply	20,328	18,756	21,384	21,608	23,179	23,409	24,064	24,450	23,561	23,888	22,695	22,266	269,588

2015													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
TAPCO	3,930	3,992	4,204	4,057	4,505	4,254	4,221	4,154	4,199	4,269	3,917	3,879	49,582
AMPC	239	488	626	700	717	831	800	979	822	0	0	0	6,202
ECPC	1,217	1,283	1,589	1,516	1,563	1,523	1,573	1,582	1,546	1,564	1,247	1,360	17,564
GTTPC	2,035	2,003	2,070	1,516	2,479	2,280	2,474	2,503	2,333	2,335	2,250	1,993	26,969
SCIPCO	2,726	2,409	2,655	2,351	2,714	2,711	2,763	2,732	2,709	2,741	2,555	2,660	31,725
RPC	2,433	2,250	2,462	2,588	2,529	2,459	2,735	2,772	2,563	2,611	2,420	2,339	30,160
APC	3,226	3,057	3,324	3,616	4,063	3,893	3,928	3,818	3,640	3,796	3,647	3,607	43,616
Fujairah Export to Abu Dhabi	3,891	3,084	4,119	3,923	3,810	4,743	4,903	4,891	4,607	4,810	4,676	3,985	51,444
EWEC SYSTEM Supply + Imports	19,697	18,567	21,049	20,947	22,399	22,693	23,398	23,431	22,419	22,127	20,712	19,822	257,262
Exports to Al Ain	5,367	4,983	5,651	5,598	5,817	6,225	6,451	6,374	6,062	6,081	5,363	4,976	68,949
ESWPC Supply	2,387	1,947	2,481	2,467	2,204	2,767	2,878	2,788	2,725	2,561	2,389	2,841	30,435
FAPCO Supply	2,971	2,320	3,076	2,919	3,069	3,574	3,715	3,823	3,565	3,509	3,316	3,618	38,474
Global Supply	20,891	19,513	22,272	22,246	23,606	23,077	24,488	24,534	23,361	22,751	21,441	20,912	270,094

كميات المياه المصدرة شهريا من شركات الإنتاج (مليون جالون) 2016 - 2017

Monthly Water Supply by Company (MG) 2016 - 2017

2016													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
TAPCO	3,817	3,474	3,241	3,607	3,896	3,952	4,125	4,081	3,948	3,965	3,667	3,652	45,424
ECPC	928	1,089	1,344	1,483	1,562	1,509	1,535	1,555	1,488	1,551	1,208	1,317	16,567
GTTPC	1,855	1,532	1,807	1,969	2,449	2,377	2,450	2,518	2,369	2,251	2,187	2,061	25,826
SCIPCO	2,610	2,322	2,864	2,490	2,715	2,720	2,622	2,665	2,582	2,745	2,411	2,564	31,309
RPC	2,331	2,578	2,348	2,348	2,518	2,450	2,648	2,754	2,640	2,676	2,563	2,354	30,209
APC	3,426	3,177	3,400	3,587	3,730	3,601	3,646	3,887	3,509	3,870	3,537	3,295	42,667
Fujairah Export to Abu Dhabi	3,672	3,682	3,561	4,069	4,817	4,806	5,192	5,282	4,904	4,695	4,371	4,194	53,243
EWEC SYSTEM Supply + Imports	18,640	17,853	18,565	19,554	21,688	21,415	22,218	22,741	21,439	21,753	19,943	19,438	245,246
Exports to Al Ain	4,681	4,584	4,663	5,203	5,839	5,849	6,070	6,146	5,709	5,766	5,279	5,094	64,882
ESWPC Supply	1,998	2,770	2,725	3,360	3,117	3,429	3,591	3,555	3,324	3,260	3,073	2,967	37,169
FAPCO Supply	2,214	2,300	2,257	2,629	3,395	3,296	3,589	3,748	3,474	3,300	2,991	2,921	36,114
Global Supply	19,180	19,242	19,985	21,474	23,382	23,335	24,206	24,762	23,333	23,617	21,636	21,133	265,285

2017													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
TAPCO	3,356	2,286	3,760	3,666	3,911	3,965	4,273	3,921	3,781	3,835	3,640	3,833	44,228
AMPC				644	701	787	344	984	904	1,079	1,203	1,101	7,747
ECPC	1,222	1,401	1,513	1,492	1,524	1,499	1,562	1,549	1,495	1,544	1,318	1,307	17,426
GTTPC	1,964	1,943	2,104	2,145	2,449	2,339	2,497	2,379	2,195	1,955	1,950	1,723	25,644
SCIPCO	2,586	2,342	2,540	2,397	2,502	2,571	2,595	2,647	2,578	2,402	2,064	1,947	29,170
RPC	2,486	2,175	2,305	2,320	2,435	2,586	2,738	2,747	2,423	2,737	2,379	2,295	29,624
APC	3,100	2,826	3,209	3,261	3,674	3,465	3,883	3,757	3,581	3,612	3,341	2,895	40,605
Fujairah Export to Abu Dhabi	3,747	3,633	2,964	3,722	4,430	4,208	4,664	4,630	4,388	4,329	3,694	3,406	47,815
EWEC SYSTEM Supply + Imports	18,460	16,606	18,395	19,648	21,626	21,420	22,556	22,615	21,344	21,493	19,590	18,506	242,259
Exports to Al Ain	4,735	4,203	4,737	5,364	5,937	5,860	6,140	6,108	5,733	5,628	5,013	4,661	64,120
ESWPC Supply	2,542	2,876	2,488	2,858	3,301	3,238	3,602	3,467	3,286	3,259	2,960	2,824	36,700
FAPCO Supply	2,838	2,269	2,117	2,611	3,181	3,084	3,405	3,328	3,178	3,159	2,728	2,597	34,495
Global Supply	20,093	18,118	20,037	21,394	23,678	23,534	24,899	24,781	23,420	23,581	21,583	20,521	265,639

كميات المياه المصدرة شهريا من شركات الإنتاج (مليون جالون) 2018 - 2019

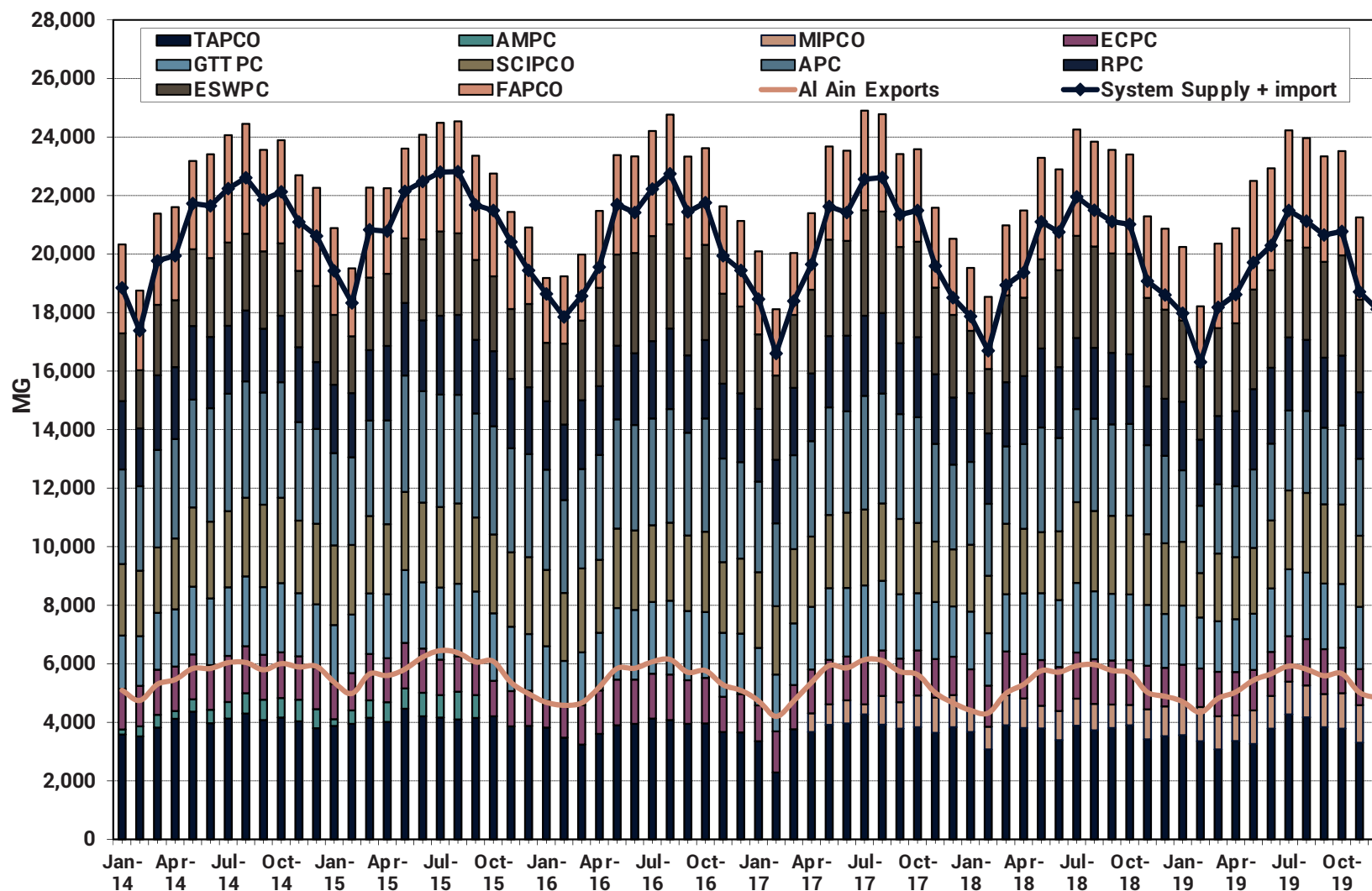
Monthly Water Supply by Company (MG) 2018 - 2019

2018													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
TAPCO	3,668	3,071	3,895	3,807	3,789	3,389	3,881	3,726	3,806	3,900	3,421	3,526	43,879
AMPC	771	773	1,034	1,012	773	993	930	901	804	694	1,021	1,020	10,726
ECPC	1,374	1,411	1,491	1,513	1,562	1,510	1,570	1,529	1,500	1,530	1,493	1,318	17,802
GTTPC	1,967	1,785	1,958	2,074	2,290	2,286	2,385	2,321	2,279	2,247	2,075	1,837	25,505
SCIPCO	2,286	1,967	2,409	2,210	2,084	2,346	2,753	2,747	2,667	2,693	2,415	2,414	28,991
RPC	2,354	2,409	2,193	2,323	2,705	2,422	2,429	2,418	2,437	2,375	2,004	1,947	28,018
APC	2,831	2,457	2,644	2,889	3,575	3,194	3,182	3,153	3,127	3,133	3,049	2,992	36,225
Fujairah Export to Abu Dhabi	2,619	2,823	3,315	3,540	4,321	4,609	4,823	4,699	4,491	4,448	3,600	3,545	46,835
EWEC SYSTEM Supply + Imports	17,870	16,699	18,939	19,368	21,100	20,749	21,954	21,494	21,112	21,020	19,078	18,600	237,982
Exports to Al Ain	4,410	4,315	4,985	5,296	5,764	5,714	5,931	5,971	5,768	5,680	5,027	4,888	63,749
ESWPC Supply	2,124	2,196	2,962	2,680	3,040	3,307	3,491	3,464	3,397	3,438	3,021	3,047	36,168
FAPCO Supply	2,151	2,466	2,395	2,983	3,474	3,448	3,636	3,584	3,543	3,396	2,788	2,764	36,629
Global Supply	19,526	18,538	20,981	21,491	23,292	22,895	24,258	23,843	23,562	23,406	21,287	20,866	263,945

2019													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
TAPCO	3,564	3,357	3,072	3,361	3,260	3,785	4,272	4,171	3,837	3,783	3,301	3,383	43,146
AMPC	1,176	1,164	1,136	873	1,146	1,114	1,114	1,092	1,130	1,214	1,285	1,131	13,575
ECPC	1,232	1,320	1,514	1,483	1,382	1,511	1,560	1,581	1,533	1,551	1,230	1,270	17,164
GTTPC	2,018	1,738	1,731	1,810	1,925	2,169	2,287	2,268	2,245	2,176	2,132	1,936	24,433
SCIPCO	2,182	1,525	2,316	2,121	2,245	2,318	2,690	2,729	2,707	2,721	2,427	2,410	28,391
RPC	2,341	2,252	2,333	2,569	2,744	2,596	2,500	2,431	2,393	2,383	2,276	2,216	29,035
APC	2,443	2,300	2,363	2,419	2,682	2,626	2,730	2,797	2,614	2,700	2,630	2,535	30,838
Fujairah Export to Abu Dhabi	3,027	2,650	3,712	3,978	4,328	4,175	4,339	4,054	4,194	4,245	3,427	3,232	45,360
EWEC SYSTEM Supply + Imports	17,982	16,306	18,177	18,613	19,710	20,293	21,492	21,122	20,653	20,773	18,707	18,113	231,942
Exports to Al Ain	4,706	4,342	4,817	5,034	5,438	5,655	5,921	5,812	5,591	5,663	5,018	4,835	62,831
ESWPC Supply	2,774	2,492	3,008	3,002	3,408	3,331	3,310	3,154	3,276	3,432	3,162	3,050	37,399
FAPCO Supply	2,511	2,069	2,885	3,244	3,708	3,485	3,766	3,740	3,600	3,556	2,814	2,671	38,049
Global Supply	20,240	18,216	20,358	20,881	22,498	22,934	24,229	23,962	23,336	23,515	21,257	20,603	262,029

كميات المياه المصدرة شهريا من شركات الإنتاج (مليون جالون)

Monthly Water Supply by Company (MG)



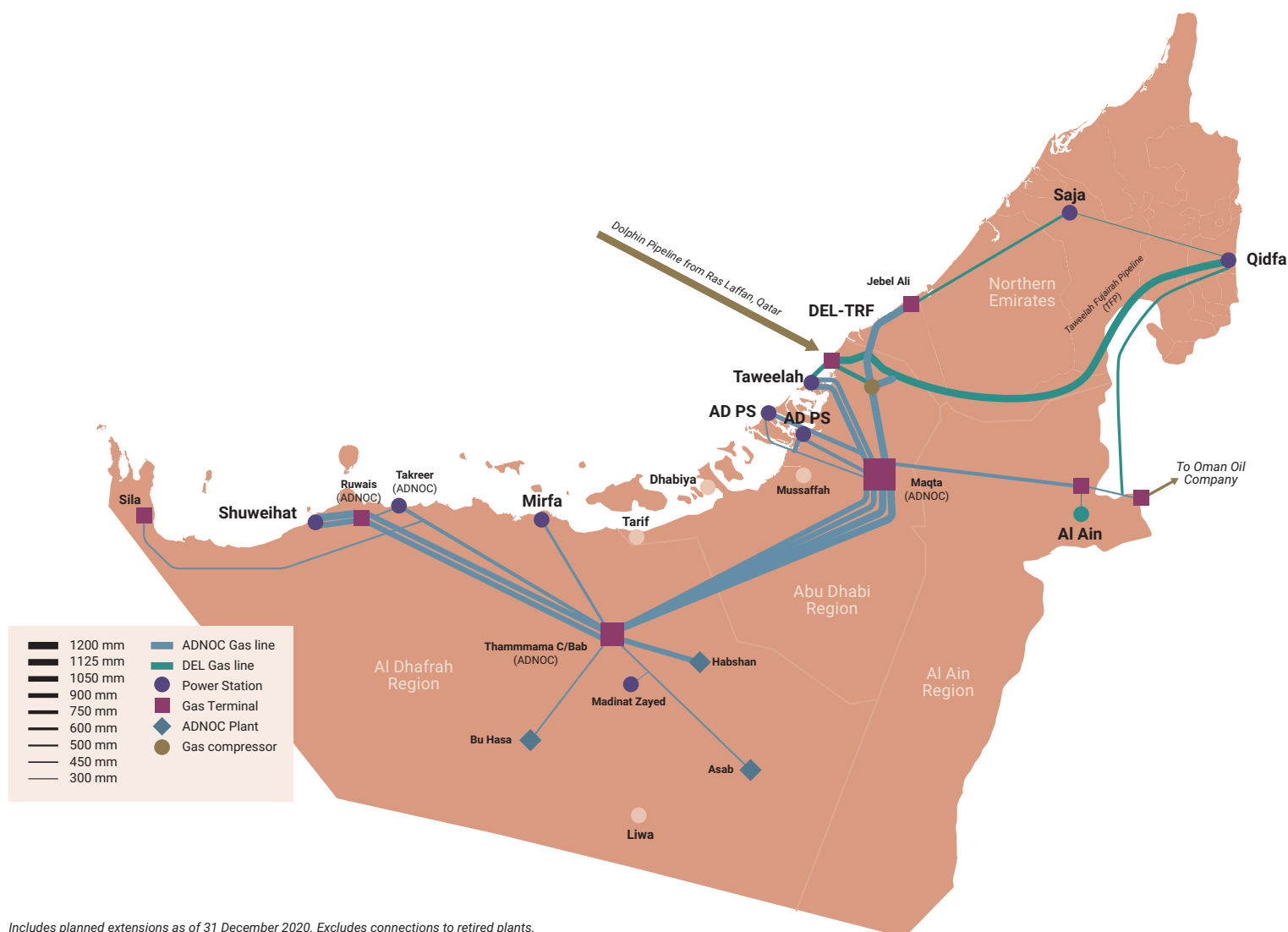
إحصائيات الوقود

Fuel Statistics

72	Main Gas Supply Network (end 2020) Excluding Connections to Retired Plants	72	التوسيع المتوقع في شبكة إمداد الغاز حتى عام 2020 باستثناء المحطات التي أوقفت
73	Fuel Consumption by Company (MBTu)	73	الوقود المستهلك سنوياً حسب الشركات (مليون وحدة حرارية بريطانية)
74	Annual Fuel Consumption by Fuel Type (MBTu)	74	الوقود المستهلك سنوياً حسب نوع الوقود (مليون وحدة حرارية بريطانية)
75	Annual Fuel Consumption by Station (MBTu) 2010 - 2019	75	الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب المحطات 2010 - 2019
78	Annual Fuel Consumption by Fuel Type (MBTu)	78	الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب نوع الوقود
78	Percentage Annual Fuel Consumption	78	النسب المئوية لأنواع الوقود المستهلكة سنوياً
79	Monthly Fuel Consumption by Fuel Providers (MBTu) 2010 - 2019	79	الاستهلاك الشهري للوقود حسب مزود الوقود (مليون وحدة حرارية بريطانية) 2010 - 2019
80	Monthly Fuel Consumption by Fuel Providers (MBTu) 2015 - 2019	80	الاستهلاك الشهري للوقود حسب مزود الوقود (مليون وحدة حرارية بريطانية) 2015 - 2019
81	Monthly Fuel Consumption by Fuel Providers (BBTU) 2010 - 2019	81	الاستهلاك الشهري للوقود حسب مزود الوقود (مليون وحدة حرارية بريطانية) 2010 - 2019

التوسع المتوقع في شبكة إمداد الغاز حتى عام 2019 باستثناء المحطات خارج الخدمة

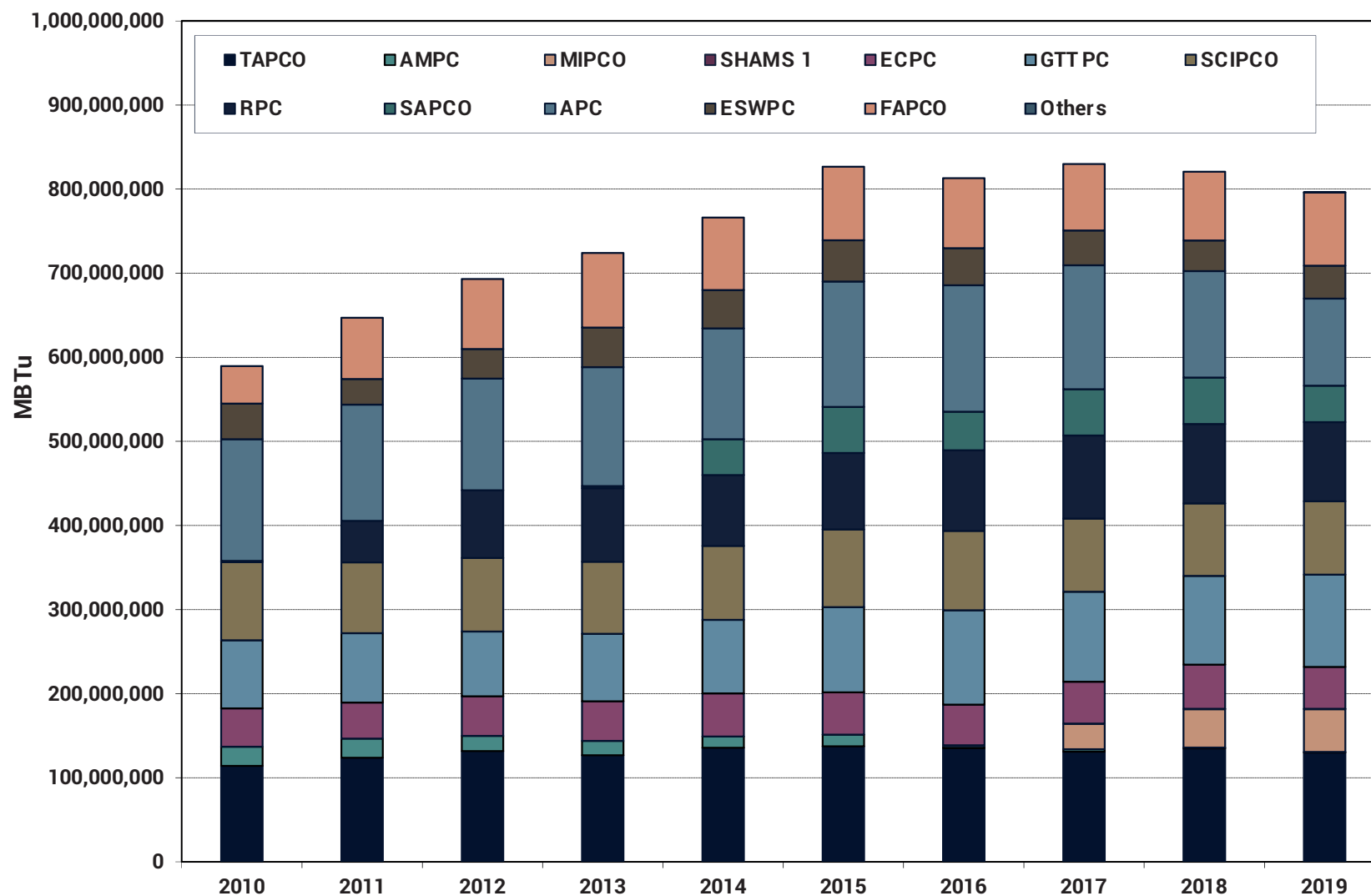
Main Gas Supply Network (end 2020) Excluding Connections to Retired Plants



Includes planned extensions as of 31 December 2020. Excludes connections to retired plants.

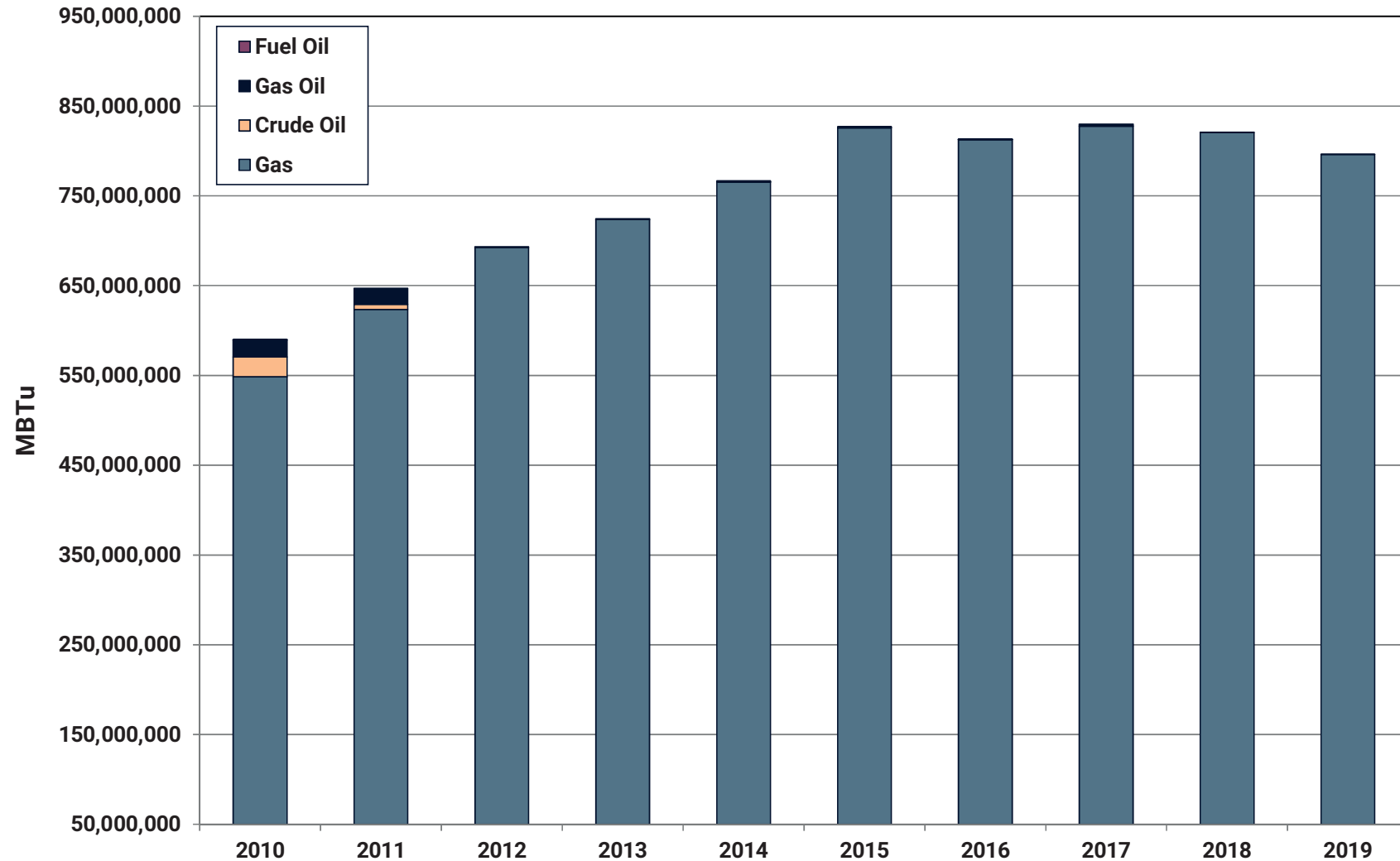
الوقود المستهلك سنويا حسب الشركات (مليون وحدة حرارية بريطانية)

Fuel Consumption by Company (MBTu)



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 2010 - 2019

Annual Fuel Consumption by Station (MBTu) 2010 - 2019

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Station										
Taweelah B										
Gas	29,489,145	38,367,314	44,420,464	39,455,047	48,319,102	44,588,968	41,999,927	43,769,628	44,531,859	41,938,894
Crude Oil	2,943,621	1,759,447		109	929	983,768	110,011			
Gas Oil	304	151	166	74	156	214	25,359	5,814	7,586	3,386
Total	32,433,070	40,126,912	44,420,630	39,455,230	48,320,187	45,572,951	42,135,296	43,775,442	44,539,445	41,942,280
Taweelah B2 Extension										
Gas	19,907,341	23,764,941	24,641,843	21,826,500	24,724,884	24,572,679	24,622,271	23,864,220	25,112,683	26,273,944
Gas Oil	90,230	210,063	13,857	5,421	2,731	2,330	6,444	8,483	2,403	28,929
Total	19,997,571	23,975,004	24,655,700	21,831,921	24,727,615	24,575,009	24,628,715	23,872,703	25,115,086	26,302,873
Taweelah New Extension										
Gas	58,923,750	57,625,268	62,548,959	65,358,730	62,700,652	67,157,256	68,323,458	63,392,458	65,329,940	61,836,286
Gas Oil	2,728,973	1,978,566	15,783	19,994	39,712	52	5,705	52,549	43,656	
Total	61,652,724	59,603,834	62,564,742	65,378,724	62,740,364	67,157,309	68,329,163	63,445,007	65,373,596	61,836,286
TAPCO Total	114,083,365	123,705,750	131,641,072	126,665,875	135,788,166	137,305,268	135,093,174	131,093,152	135,028,127	130,081,439
Al Mirfa										
Gas	22,321,771	20,975,565	17,856,576	12,293,267	10,238,605	10,498,761				
Gas Oil	7,041	148,225	2,369	800	1,740	422				
Total	22,328,812	21,123,790	17,858,945	12,294,067	10,240,344	10,499,183				
Madinat Zayed										
Gas	295,334	1,622,828	291,501	1,182,937	341,033	393,972	526,295	236,582	149,235	88,319
Gas Oil	700	132	582	83	331	331			364	61
Total	296,034	1,622,961	292,083	1,183,020	341,364	394,303	526,295	236,582	149,599	88,380
Al Ain										
Gas	52,031			3,651,614	2,805,491	3,070,877	1,979,832	2,714,031	724,873	631,519
Gas Oil	71,975	8,410	3,851	12,436	2,482	1,177	1,212	249	18	18
Total	124,006	8,410	3,851	3,664,050	2,807,972	3,072,054	1,981,044	2,714,280	724,891	631,537
AMPC Total	22,748,852	22,755,161	18,154,879	17,141,137	13,389,681	13,965,540	2,507,339	2,950,862	874,490	719,917

الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب المحطات 2010 - 2019 (تابع)

Annual Fuel Consumption by Station (MBTu) 2010 - 2019 (continued)

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Station										
New Mirfa										
Gas							545,368	28,102,866	45,598,555	50,589,883
Gas Oil								1,703,389	4,726	5,331
MIPCO Total							545,368	29,806,255	45,603,280	50,595,214
Shams 1										
Gas				414,317	511,302	377,734	437,193	531,532	595,659	586,391
Gas Oil				27,474	1	16,012	1	50	483	4
SHAMS 1 Total				441,791	511,302	393,746	437,194	531,582	596,142	586,396
Taweelah A2										
Gas	44,234,632	42,176,341	46,929,469	47,020,812	51,119,241	50,370,878	48,339,158	49,886,747	52,431,821	49,755,458
Gas Oil	1,485,356	915,176	40,450	8,871	63	8,017	9,859	15,276	6,079	23,598
ECPC Total	45,719,987	43,091,517	46,969,919	47,029,683	51,119,304	50,378,896	48,349,016	49,902,023	52,437,900	49,779,056
Taweelah A1										
Gas	78,560,009	81,305,064	77,059,298	80,244,231	87,578,418	101,282,141	112,166,291	106,791,123	105,525,395	109,787,332
Gas Oil	2,403,191	1,053,123	54,308	25,506	13,375	30,677	85,560	62,981	12,589	7,945
GTTPC Total	80,963,200	82,358,186	77,113,606	80,269,737	87,591,793	101,312,818	112,251,851	106,854,104	105,537,984	109,795,277
Shuweihat (S1)										
Gas	91,261,074	82,740,309	87,496,739	85,707,837	87,892,362	92,420,756	94,318,858	87,076,810	86,087,532	87,188,894
Gas Oil	1,610,629	1,441,151	28,592	15,885	10,242	23,046	26,342	64,316	62,807	39,198
SCIPCO Total	92,871,703	84,181,460	87,525,331	85,723,722	87,902,603	92,443,803	94,345,200	87,141,127	86,150,339	87,228,092
Shuweihat (S2)										
Gas	1,411,096	47,782,031	80,377,960	87,523,613	84,063,818	90,725,487	95,865,747	98,786,534	94,411,731	94,048,903
Gas Oil		1,521,356	27,754	22,802	38,448	34,229	27,290	36,052	23,592	37,858
RPC Total	1,411,096	49,303,386	80,405,714	87,546,415	84,102,266	90,759,716	95,893,037	98,822,586	94,435,323	94,086,761
Shuweihat (S3)										
Gas				1,642,528	41,606,510	54,914,311	45,858,725	54,859,469	55,288,219	43,267,644
Gas Oil				709,465	953,553		15,543	14,555	28,575	18,725
SAPCO Total				2,351,993	42,560,063	54,914,311	45,874,268	54,874,024	55,316,793	43,286,369

الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب المحطات 2010 - 2019 (تابع)

Annual Fuel Consumption by Station (MBTu) 2010 - 2019 (continued)

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Station										
Umm Al Nar East										
Gas	14,958,221	15,353,943	11,933,820	14,558,209	11,612,891	15,540,932	13,823,675	10,331,449	6,630,227	1,669,624
Gas Oil	635	2,123	4,786	4,267	3,039	3,594	1,529	183	3	
Total	14,958,857	15,356,067	11,938,606	14,562,476	11,615,930	15,544,526	13,825,205	10,331,632	6,630,230	1,669,624
Umm Al Nar West										
Gas	20,903,288	31,228,904	36,826,822	35,930,391	32,502,527	36,745,710	31,496,605	31,296,114	16,524,888	3,318,192
Crude Oil	18,974,480	4,302,201								
Fuel Oil	4,480									
Total	39,882,247	35,531,104	36,826,822	35,930,391	32,502,527	36,745,710	31,496,605	31,296,114	16,524,888	3,318,192
Sas Al Nakhl										
Gas	84,808,117	85,171,383	84,115,484	91,094,701	87,845,645	96,707,333	105,041,569	105,931,400	103,235,914	98,712,627
Gas Oil	5,039,275	2,188,610	17,249	35,932	44,382	14,996	20,162	18,592	12,969	373
Total	89,847,393	87,359,992	84,132,733	91,130,633	87,890,027	96,722,328	105,061,731	105,949,992	103,248,883	98,713,000
APC Total	144,688,496	107,018,260	132,898,161	141,623,500	132,008,484	149,012,564	150,383,541	147,577,738	126,404,001	103,700,816
EWEC SYSTEM Total	502,486,699	512,413,720	574,708,682	588,793,853	634,973,662	681,153,470	685,679,988	709,553,453	702,384,381	669,859,338
ESWPC										
Gas	40,050,500	26,898,590	35,140,919	46,898,679	45,408,273	49,029,923	43,992,940	41,330,842	36,410,806	39,015,085
Gas Oil	2,436,622	3,570,872	64,976	5,482	6,664	2,669	4,196	2,059	7,223	7,605
ESWPC Total	42,487,122	30,469,462	35,205,895	46,904,161	45,414,937	49,032,592	43,997,136	41,332,901	36,418,028	39,022,690
FAPCO										
Gas	41,369,989	68,346,636	82,917,562	88,689,361	86,289,459	87,347,965	83,361,281	78,803,440	81,861,421	87,038,321
Gas Oil	3,182,541	4,533,240	307,988	95,213	89,214	11,648	44,528	61,313	87,266	6,499
FAPCO Total	44,552,530	72,879,875	83,225,550	88,784,574	86,378,673	87,359,613	83,405,809	78,864,752	81,948,687	87,044,820
Others										
Gas										362,478
Gas Oil										
Others Total										362,478
Global Total	589,526,351	615,763,057	693,140,127	724,482,588	766,767,271	817,545,675	813,082,933	829,751,105	820,751,096	796,289,326

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 السنوي للوقود بالوحدات الحرارية البريطانية حسب نوع الوقود

Annual Fuel Consumption by Fuel Type (MBTu)

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gas	548,546,297	623,359,115	692,557,415	723,492,773	765,560,212	825,745,684	812,699,192	827,705,245	820,450,756	796,109,794
Crude Oil	21,918,101	6,061,648	0	109	929	983,768	110,011	0	0	0
Gas Oil	19,057,474	17,571,198	582,708	989,705	1,206,130	149,415	273,729	2,045,860	300,340	179,531
Fuel Oil	4,480	0	0	0	0	0	0	0	0	0
Total	589,526,351	646,991,961	693,140,124	724,482,587	766,767,271	826,878,867	813,082,932	829,751,105	820,751,096	796,289,326

النسب المئوية لأنواع الوقود المستهلكة سنوياً

Percentage Annual Fuel Consumption

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gas	93.0%	96.3%	99.9%	99.9%	99.8%	99.9%	100.0%	99.8%	100.0%	100.0%
Crude Oil	3.7%	0.9%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
Gas Oil	3.2%	2.7%	0.1%	0.1%	0.2%	0.0%	0.0%	0.2%	0.0%	0.0%
Fuel Oil	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%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

الاستهلاك الشهري للوقود حسب مزود الوقود (مليون وحدة حرارية بريطانية) 2010 - 2014

Monthly Fuel Consumption by Fuel Providers (MBTu) 2010 - 2014

2010														
Year	Fuel Provider	January	February	March	April	May	June	July	August	September	October	November	December	Total
	GASCO	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
	ADNOC-BUF	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
	DEL	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
	Emarat			186,181	554,052	349,089	8,112							1,097,434
	Total	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	Fuel Provider	January	February	March	April	May	June	July	August	September	October	November	December	Total
	GASCO	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
	ADNOC-BUF	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
	DEL	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
	Total	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
2012														
Year	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
2013														
Year	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
2014														
Year	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

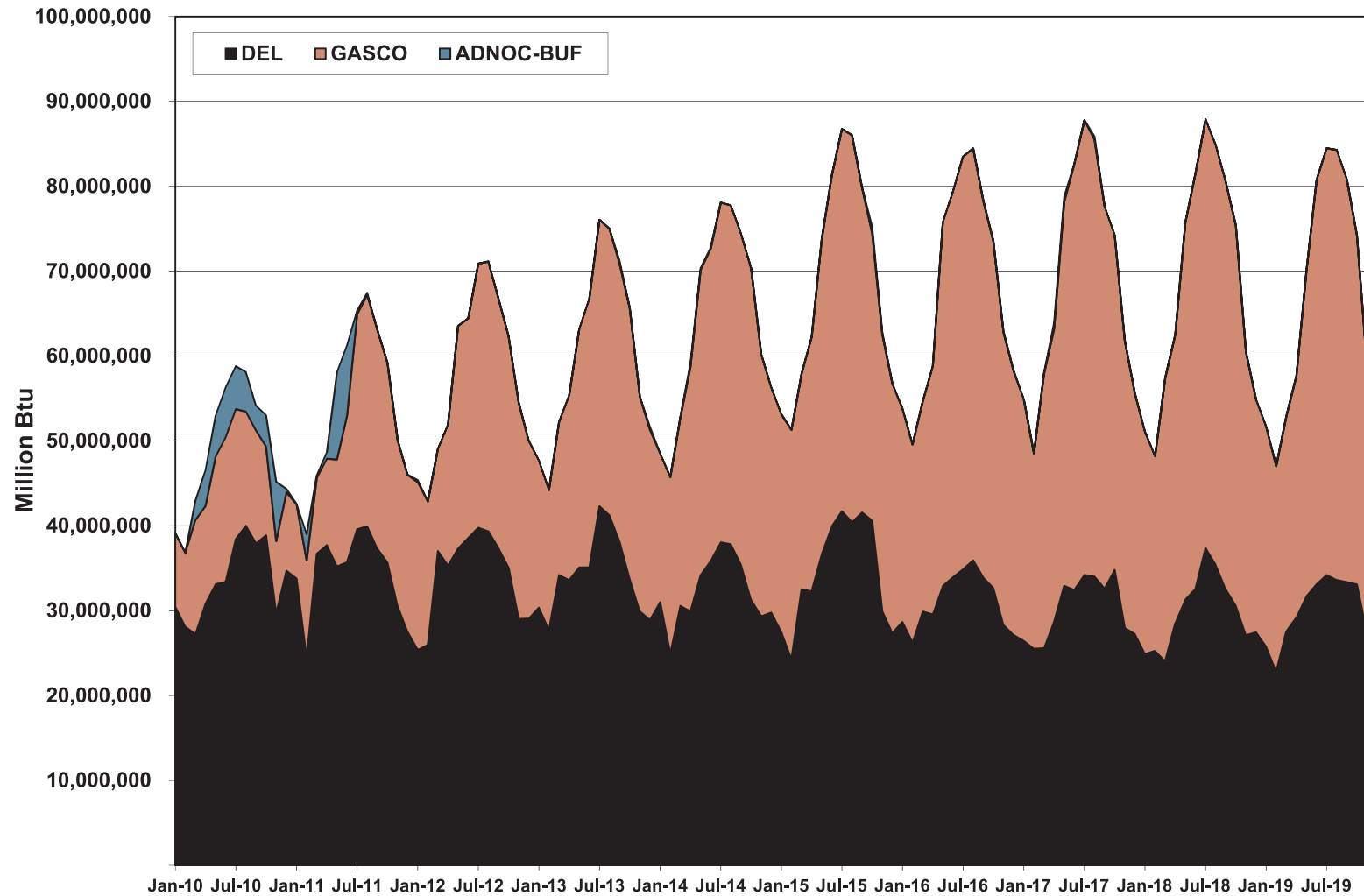
الاستهلاك الشهري للوقود حسب مزود الوقود (مليون وحدة حرارية بريطانية) 2015 - 2019

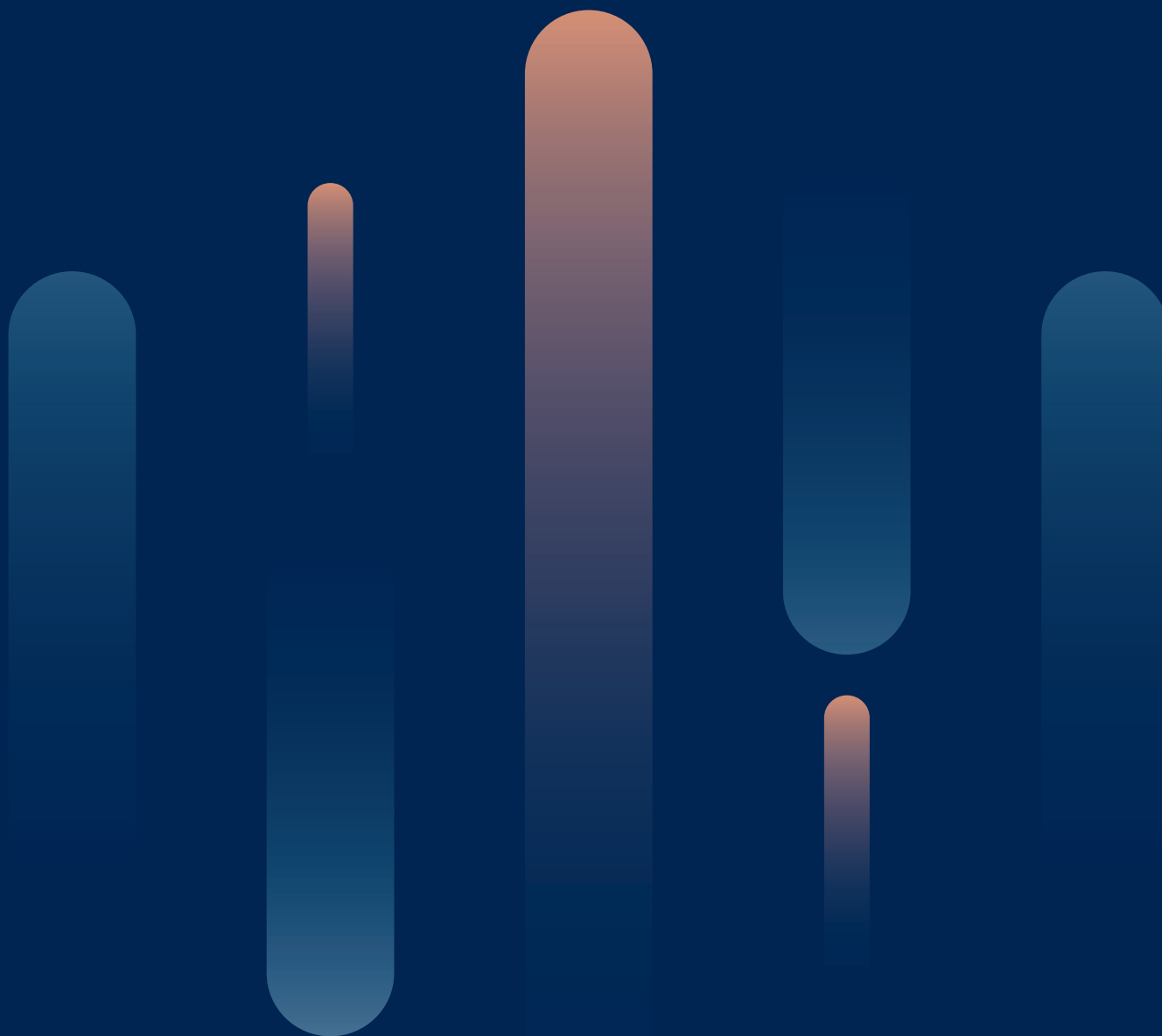
Monthly Fuel Consumption by Fuel Providers (MBTu) 2015 - 2019

2015													
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
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
2016													
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
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
2017													
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
Fuel Provider	January	February	March	April	May	June	July	August	September	October	November	December	Total
GASCO	28,464,145	23,007,394	32,315,956	34,515,693	45,140,847	50,152,458	53,588,121	51,473,162	45,022,869	39,444,748	33,846,438	28,358,982	465,330,812
ADNOC-BUF	23,555	24,402	138,083	705,400	656,831	30,970	14,987	397,137	7,237	10,416	14,739	22,102	2,045,860
DEL	26,412,817	25,500,362	25,588,306	28,684,778	32,951,815	32,436,389	34,197,581	34,006,093	32,590,448	34,803,508	27,960,552	27,241,784	362,374,433
Total	54,900,517	48,532,158	58,042,344	63,905,871	78,749,493	82,619,817	87,800,690	85,876,392	77,620,554	74,258,671	61,821,729	55,622,868	829,751,105
2018													
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
Fuel Provider	January	February	March	April	May	June	July	August	September	October	November	December	Total
GASCO	26,182,658	22,932,023	33,302,647	33,992,213	44,426,301	48,944,582	50,488,912	49,524,982	48,067,702	44,837,752	33,398,450	27,427,998	463,526,221
ADNOC-BUF	31,485	41,204	106,240	7,721	11,922	8,895	8,969	2,984	8,645	2,679	20,437	49,161	300,340
DEL	24,886,138	25,247,679	24,050,639	28,525,219	31,311,738	32,563,173	37,383,825	35,384,914	32,490,618	30,551,091	27,087,990	27,441,511	356,924,535
Total	51,100,281	48,220,906	57,459,526	62,525,153	75,749,961	81,516,650	87,881,706	84,912,880	80,566,965	75,391,522	60,506,877	54,918,670	820,751,096
2019													
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
Fuel Provider	January	February	March	April	May	June	July	August	September	October	November	December	Total
GASCO	25,912,646	24,227,704	25,315,492	28,442,098	38,389,539	47,595,660	50,261,819	50,672,548	47,445,553	41,100,880	31,559,871	26,032,027	436,955,836
ADNOC-BUF	19,301	23,292	36,905	6,286	9,883	10,857	9,790	5,409	9,350	4,428	18,801	25,231	179,531
DEL	25,762,657	22,794,944	27,556,380	29,197,336	31,695,102	33,108,337	34,214,506	33,608,338	33,361,632	33,100,434	27,192,754	27,561,538	359,153,959
Total	51,694,604	47,045,940	52,908,776	57,645,719	70,094,524	80,714,854	84,486,115	84,286,294	80,816,534	74,205,742	58,771,426	53,618,797	796,289,326

الاستهلاك الشهري للوقود حسب مزود الوقود (مليون وحدة حرارية بريطانية) 2010 - 2019

Monthly Fuel Consumption by Fuel Providers (BBTU) 2010 - 2019





إحصائيات القدرات

Capacity Statistics

84	Generation Capacity (Gross MW) at 31st December (Available Capacity)	84	قدرة الإنتاج الإجمالية (ميجاوات) في 31 ديسمبر من كل عام
86	Desalination Capacity (Gross MGD) at 31st December (Available Capacity)	86	قدرة التحلية الإجمالية (مليون جالون/يوم) في 31 ديسمبر من كل عام
88	Generation Capacity by Technology (Gross MW) 1999 - 2003 (Available Capacity at Peak)	88	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 1999 - 2003 (القدرة المتاحة في وقت الذروة)
89	Generation Capacity by Technology (Gross MW) 2004 - 2008 (Available Capacity at Peak)	89	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2004 - 2008 (القدرة المتاحة في وقت الذروة)
90	Generation Capacity by Technology (Gross MW) 2009 - 2013 (Available Capacity at Peak)	90	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2009 - 2013 (القدرة المتاحة في وقت الذروة)
91	Generation Capacity by Technology (Gross MW) 2014 - 2017 (Available Capacity at Peak)	91	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2014 - 2017 (القدرة المتاحة في وقت الذروة)
92	Generation Capacity by Technology (Gross MW) 2018 - 2020 (Available Capacity at Peak)	92	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2018 - 2020 (القدرة المتاحة في وقت الذروة)
93	Generation Capacity by Technology (Gross MW) 1999 - 2019 (Available Capacity at Peak)	93	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 1999 - 2019 (القدرة المتاحة في وقت الذروة)
94	Desalination Capacity by Technology (Gross MGD) 1999 - 2003 (Available Capacity at Peak)	94	قدرة التحلية حسب أسلوب التحلية 1999 - 2003 (مليون جالون/يوم) (القدرة المتاحة في وقت الذروة)
95	Desalination Capacity by Technology (Gross MGD) 2004 - 2008 (Available Capacity at Peak)	96	قدرة التحلية حسب أسلوب التحلية 2004 - 2008 (مليون جالون/يوم) (القدرة المتاحة في وقت الذروة)
96	Desalination Capacity by Technology (Gross MGD) 2009 - 2013 (Available Capacity at Peak)	96	قدرة التحلية حسب أسلوب التحلية 2009 - 2013 (مليون جالون/يوم) (القدرة المتاحة في وقت الذروة)
97	Desalination Capacity by Technology (Gross MGD) 2014 - 2020 (Available Capacity at Peak)	97	قدرة التحلية حسب أسلوب التحلية 2014 - 2020 (مليون جالون/يوم) (القدرة المتاحة في وقت الذروة)
98	Desalination Capacity by Technology (Gross MGD) Chart (Available Capacity at Peak)	98	قدرة التحلية حسب أسلوب التحلية (مليون جالون/يوم) (القدرة المتاحة في وقت الذروة)

قدرة الإنتاج الإجمالية (ميجاوات) في 31 ديسمبر من كل عام

Generation Capacity (Gross MW) at 31st December (Available Capacity)

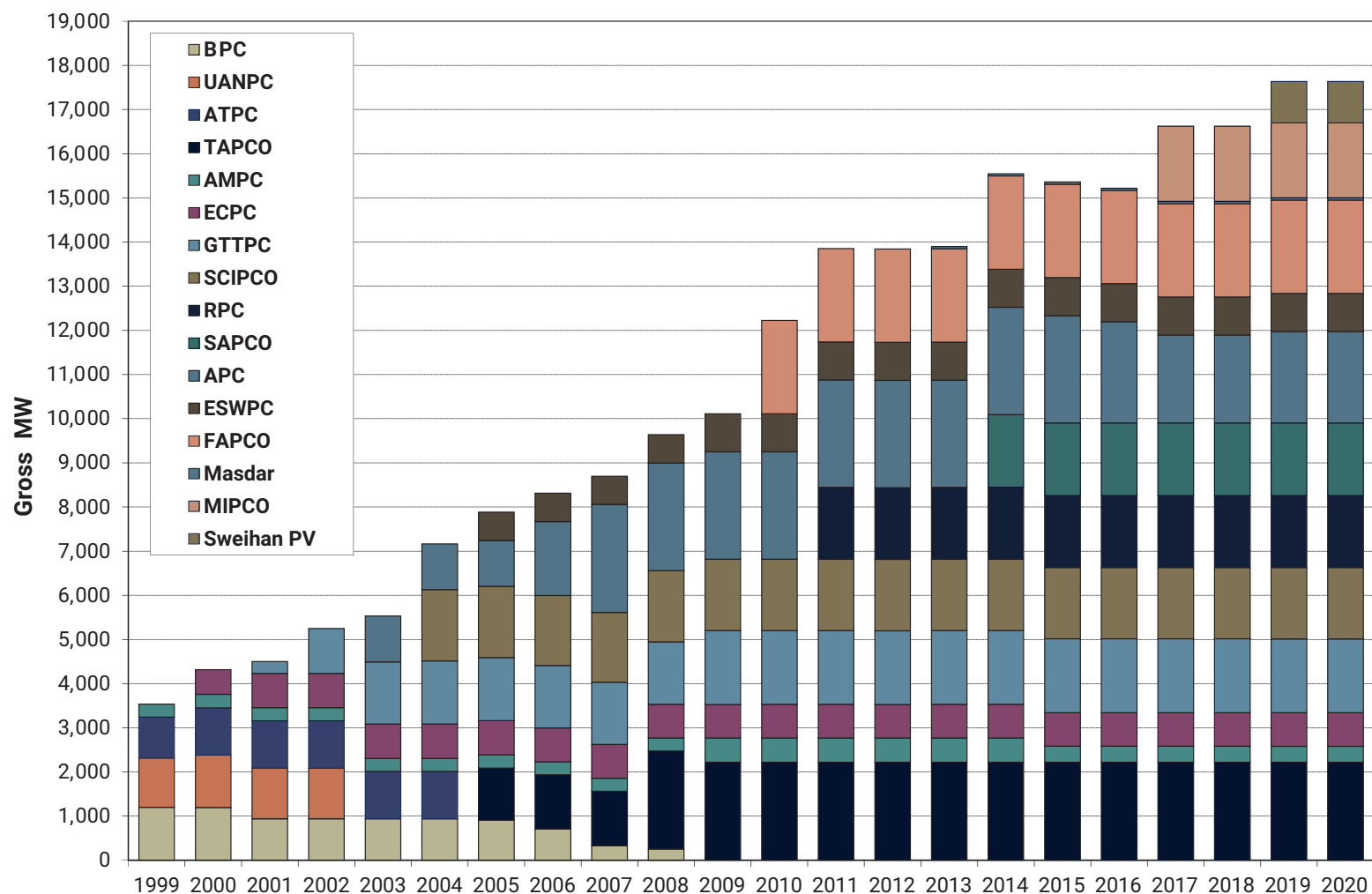
Firm Capacity																			Non Firm Capacity											
Year	BPC	ATPC	TAPCO ⁽³⁾				AMPC ⁽⁴⁾				GTTPC	ECPC	SCIPCO	RPC	SAPCO	APC ⁽¹⁾	MIPCO	ESWPC ⁽²⁾	FAPCO	SPC ⁽⁵⁾	Total	SPC ⁽⁵⁾	Sweihan PV	Total						
	Total	Total	TWB	TWB2	TNE	Total	MRF	MZD	AIN	Total	TA1	TA2	S1	S2	S3	UAN	New Mirfa	Fujairah F1	Fujairah F2	Shams 1		Shams 1								
1999	1,201	926				1,184	192	100		292												3,343								
2000	1,195	1,069					196	113		309												555				3,537				
2001	940	1,069					191	109		300												266				777	4,316			
2002	940	1,075					186	109		295												1,014				777	4,500			
2003	939	1,075					186	109		295												1,407				777	5,247			
2004	939	1,075					186	109		295												1,431				777	1,610	1,038	5,531	
2005	907						825	359		295												1,431				777	1,610	1,038	641	7,165
2006	711						878	350		295												1,416				762	1,585	1,674	641	7,883
2007	332						881	351		295												1,414				763	1,577	2,444	641	8,312
2008	256						825	358	1,037	2,220												186				109	295	1,414	760	1,615
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	50		50								
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	50		50							
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	50		50							
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	50		50							
2017			825	358	1,037	2,220		109	256	365	1,671	760	1,615	1,627	1,647	1,190	1,702	861	2,114	50	16,622	50		50						
2018			825	358	1,037	2,220		109	256	365	1,671	760	1,615	1,627	1,647	1,190	1,702	861	2,114	50	16,622	50		50						
2019			825	358	1,037	2,220		108	256	364	1,671	760	1,615	1,627	1,647	2,070	1,702	861	2,114	50	16,701	50	935	985						
2020			825	358	1,037	2,220		108	256	364	1,671	760	1,615	1,627	1,647	2,070	1,702	861	2,114	50	16,701	50	935	985						

- (1) UANPC converted to Arabian Power Company (APC) IWPP in July 2003
(2) UWEC plant taken over by Emirates Semicorp Water and Power Company (ESWPC)
(3) ATPC converted to Taweeleh Asia Power Company (TAPCO) IWPP in April 2005
(4) Ain converted to Al Mirfa Power Company (AMPC) in January 2009
(5) SHAMS 1 actual capacity is 100 MW but 50 MW available at the time of peak

See Glossy for Stations & Company Abbreviations

قدرة الإنتاج الإجمالية (ميجاوات) في 31 ديسمبر من كل عام

Generation Capacity (Gross MW) at 31st December (Available Capacity)



قدرة التحلية الإجمالية (مليون جالون/يوم) في 31 ديسمبر من كل عام

Desalination Capacity (Gross MGD) at 31st December (Available Capacity)

Year	BPC				UANPC ^(*)							ATPC ^(†)			TAPCO				AMPC	ECPC	GTTPC	SCIPCO	RPC	APC ^(*)	ESWPC ^(‡)	FAPCO	MIPCO	TOTAL
	GTS	STS	TWA *	Total	UEA	UEB	UW1	UW7	UW9	UNWB	Total	TWB	TB2	Total	TWB	TB2	TNE	Total	MRF	TA2	TA1 ^(‡)	S1	S2	UAN	Fujairah F1	Fujairah F2	New Mirfa	
1999		15	29	44	19	23	28	26			95	72		72					16									133
2000		15	29	44	19	23	28	26	7		102	72	23	95					16									156
2001		15		15	19	23	28	26	7		102	72	23	95					31	51	31							223
2002		15		15	19	23	28	26	7	63	165	72	23	95					39	51	85							284
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	960
2018															70	23	69	162	0	51	84	101	101	145	131	132	53	960
2019															70	23	69	162	0	51	84	101	101	95	131	132	53	910
2020															70	23	69	162	0	51	84	101	101	95	131	132	53	910

(*) Taweelah A converted to Taweelah A1 IWPP in September 2000.

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

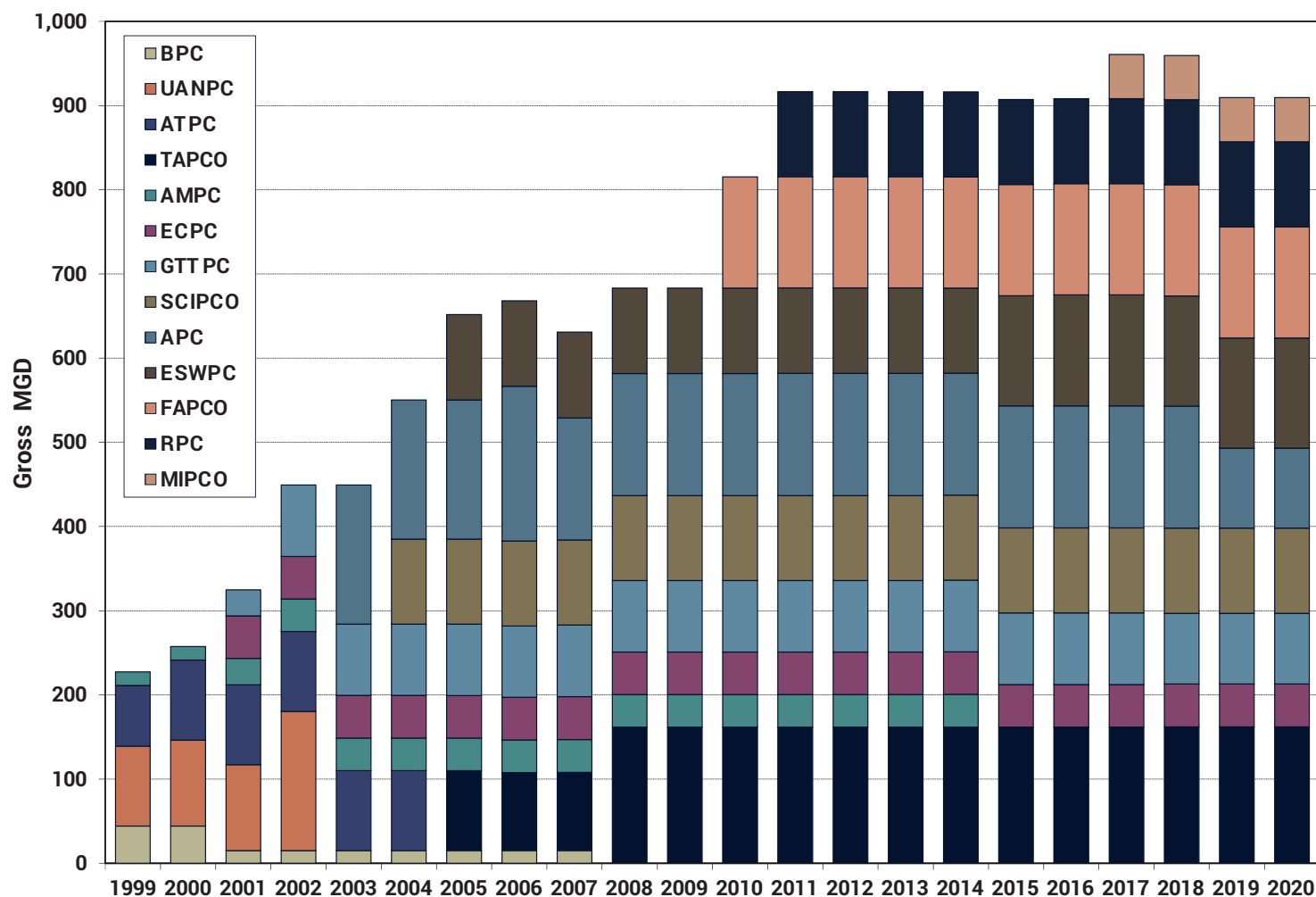
UWEC Plant was taken over by Emirates SembCorp Water and Power Company (ESWPC).

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

See Glossary for Stations & Company Abbreviations

قدرة التحلية الإجمالية (مليون جالون/يوم) في 31 ديسمبر من كل عام

Desalination Capacity (Gross MGD) at 31st December (Available Capacity)



قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 1999 - 2003
(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	SCG T	CCG T	GT+ EHR	ST	Total	DE	SCG T	CCG T	GT+ EHR	ST	Total	DE	SCG T	CCG T	GT+ EHR	ST	Total	DE	SCG T	CCG T	GT+ EHR	ST	Total	DE	SCG T	CCG T	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	120	
	Taweelah A *				255		255																								
	Al Ain	76	350				426	76	352				428	76	352				428	76	352				428	76	352				428
	BPC Total	76	742		255	128	1,201	76	744			120	940	76	744			120	940	76	744			120	940	76	743		120	939	
UANPC**	Umm Al Nar East A				250		250				250					250		250				248		248							
	Umm Al Nar West		108			760	868		108			830		108			790	898		108			790	898							
	UANPC Total		108		250	760	1,118		108		250	830	1,188		108		250	790	1,148		108		248	790	1,146						
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	
	ATPC Total			194		732	926			194		875	1,069			194		875	1,069		194		881	1,075		194		881	1,075		
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	
	AMPC Total		100			192	292		113		196		309		109		191		300		109		186		295		109		186	295	
GTTPC	Taweelah A1										255		255				266		266			1,014		1,014			1,407			1,407	
	GTTPC Total										255		255				266		266			1,014		1,014			1,407			1,407	
ECPC	Taweelah A2									555			555			777			777			777			777			777			777
	ECPC Total									555			555			777			777			777			777			777			777
APC	Umm Al Nar																										3,591	248	790	1,038	
	APC Total																										248	790	1,038		
	Total	76	950	194	697	1,620	3,537	76	965	749	701	1,825	4,316	76	961	971	707	1,785	4,500	76	961	1,985	434	1,791	5,247	76	852	2,378	186	1,001	5,531

* Taweelah A converted to Taweelah A1 IWPP in September 2000

** UANPC converted to Arabian Power Company (IWPP) in July 2000

قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2004 - 2008 (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
	BPC Total	76	743			120	939	76	711			120	907		591			120	711		256			76	332		256				256
ATPC**	Taweelah B					738	738																								
	Taweelah B2			194		143	337																								
	ATPC Total			194		881	1,075																								
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		
	TAPCO Total									359		825	1,184			350		878	1,228			351		881	1,232			1,395	825	2,220	
AMPC	Al Mirfa				186		186				186		186				186		186		109			186		186			186		186
	Madinat Zayed		109				109		109				109		109				109						109		109			109	
	AMPC Total		109		186		295		109		186		295		109		186		295		109		186		295		109		186		295
GTTPC	Taweelah A1			1,431			1,431			1,431			1,431			1,416			1,416			1,415			1,415			1,414			1,414
	GTTPC Total			1,431			1,431			1,431			1,431			1,416			1,416			1,415			1,415			1,414		1,414	
ECPC	Taweelah A2			777			777			777			777			762			762			763			763			760			760
	ECPC Total			777			777			777			777			762			762			763			763			760		760	
SCIPCO	S1			1,610			1,610			1,610			1,610			1,585			1,585			1,577			1,577			1,615			1,615
	SCIPCO Total			1,610			1,610			1,610			1,610			1,585			1,585			1,577			1,577			1,615		1,615	
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
	APC Total				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
ESWPC	Fujairah F1 IWPP									641			641			641			641			641			641			641			641
	Fujairah F1 Total									641			641			641			641			641			641			641		641	
	Total	76	852	4,012	434	1,791	7,165	76	820	4,818	434	1,735	7,883		700	5,390	434	1,788	8,312		365	6,413	304	1,617	8,699		365	7,483	304	1,485	9,637

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

قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2009 - 2013
(القدرة المتاحة في وقت الذروة)

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

Company	Station	2009					2010					2011					2012					2013					
		SCG T	CCGT	GT + EHR	ST	Total	SCG T	CCGT	GT + EHR	ST	Total	SCG T	CCGT	GT + EHR	ST	Total	SCG T	CCGT	GT + EHR	ST	Total	SCG T	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		825	2,220		1,395		825		2,220
AMPC	Al 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	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
SCIPO	S1		1,615			1,615		1,615			1,615		1,615			1,615		1,615			1,615		1,615				1,615
	SCIPO 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
	Total	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) 2014 - 2017 (القدرة المتاحة في وقت الذروة)

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

Company	Station	2014						2015						2016						2017					
		SCGT	CCGT	GT + EHR	ST	SOLAR	Total	SCGT	CCGT	GT + EHR	ST	SOLAR	Total	SCGT	CCGT	GT + EHR	ST	SOLAR	Total	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												
	Madinat Zayed		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				1,671		1,671				1,671
	GTTPC Total		1,671				1,671		1,671				1,671		1,671				1,671		1,671				1,671
ECPC	Taweelah A2		760				760		760				760		760				760		760				760
	ECPC Total		760				760		760				760		760				760		760				760
SCIPCO	S1		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
RPC	S2		1,627				1,627		1,627				1,627		1,627				1,627		1,627				1,627
	RPC Total		1,627				1,627		1,627				1,627		1,627				1,627		1,627				1,627
SAPCO*	S3		1,647				1,647		1,647				1,647		1,647				1,647		1,647				1,647
	SAPCO Total		1,647				1,647		1,647				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	202		1,990
	APC Total		1,652	118	660		2,430		1,652	118	660		2,430		1,670	118	502		2,290		1,670	118	202		1,990
ESWPC	Fujairah F1 IWPP		861				861		861				861		861				861		861				861
	Fujairah F1 Total		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	100				50	50	100				50	50	100				50	50	100
	Shams 1 Total				50	50	100				50	50	100				50	50	100				50	50	100
Sweihan PV	Sweihan PV																								
	Sweihan PV Total																								
Total		365	13,342	304	1,535	50	15,596	365	13,342	304	1,535	50	15,596	365	13,360	118	1,377	50	15,270	749	14,678	118	1,077	50	16,672

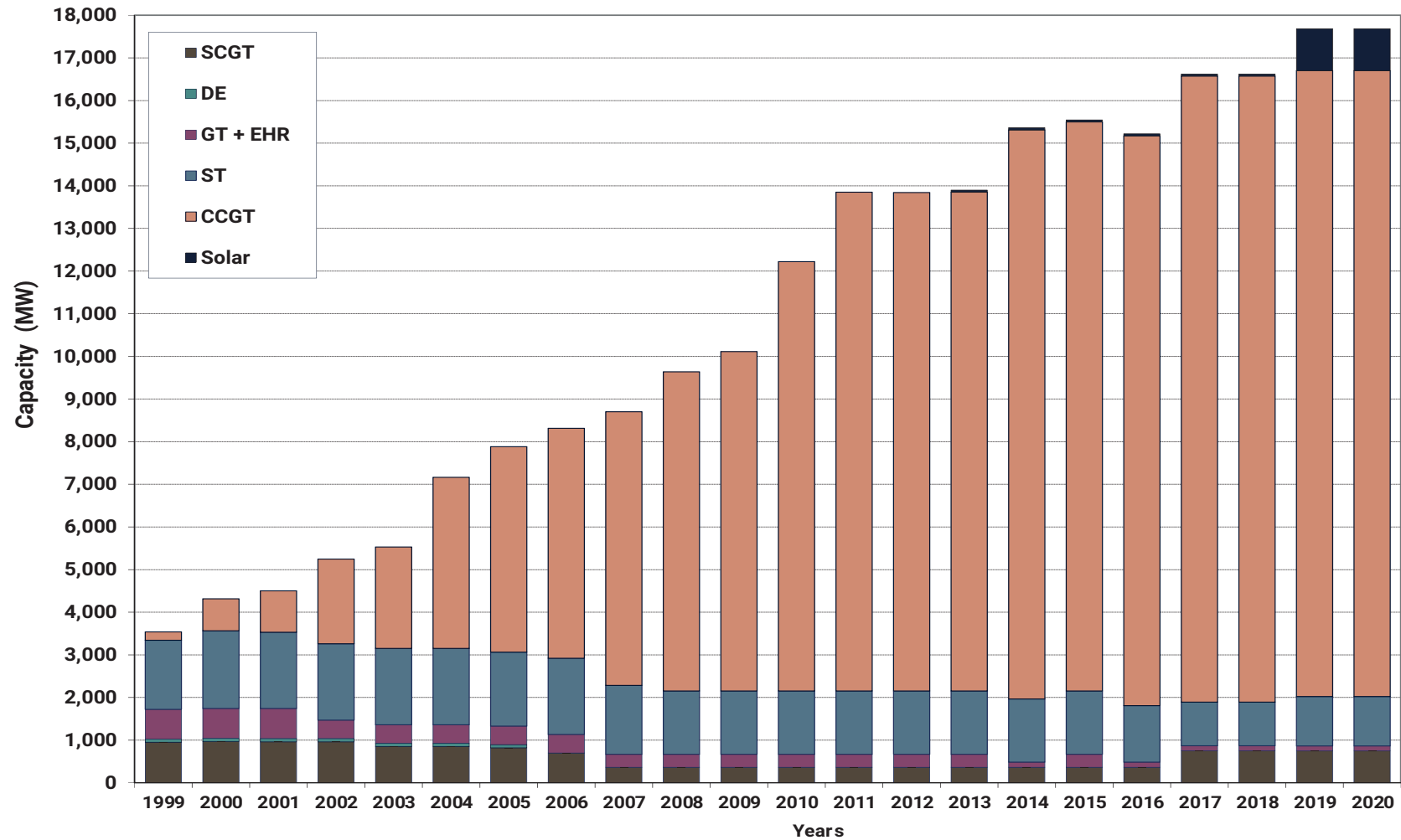
قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2020 - 2018
(القدرة المتاحة في وقت الذروة)

Generation Capacity by Technology (Gross MW) 2018 - 2020
(Available Capacity at Peak)

Company	Station	2018						2019						2020					
		SCGT	CCGT	GT + EHR	ST	SOLAR	Total	SCGT	CCGT	GT + EHR	ST	SOLAR	Total	SCGT	CCGT	GT + EHR	ST	SOLAR	Total
TAPCO	Taweelah B				825		825				825		825				825		825
	Taweelah B2		358				358		358				358		358				358
	Taweelah New Extension		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
AMPC	Al Ain	256					256	256					256	256					256
	Al Mirfa																		
	Madinat Zayed	109					109	108					108	108					108
	AMPC Total	365					365	364					364	364					364
MIPCO	Mirfa IWPP	384	1,318				1,702	384	1,318				1,702	384	1,318				1,702
	MIPCO Total	384	1,318				1,702	384	1,318				1,702	384	1,318				1,702
GTTPC	Taweelah A1		1,671				1,671		1,671				1,671		1,671				1,671
	GTTPC Total		1,671				1,671		1,671				1,671		1,671				1,671
ECPC	Taweelah A2		760				760		760				760		760				760
	ECPC Total		760				760		760				760		760				760
SCIPCO	S1		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
RPC	S2		1,627				1,627		1,627				1,627		1,627				1,627
	RPC Total		1,627				1,627		1,627				1,627		1,627				1,627
SAPCO*	S3		1,647				1,647		1,647				1,647		1,647				1,647
	SAPCO Total		1,647				1,647		1,647				1,647		1,647				1,647
APC	Umm Al Nar		1,670	118	202		1,990		1,670	118	282		2,070		1,670	118	282		2,070
	APC Total		1,670	118	202		1,990		1,670	118	282		2,070		1,670	118	282		2,070
ESWPC	Fujairah F1 IWPP		861				861		861				861		861				861
	Fujairah F1 Total		861				861		861				861		861				861
FAPCO	Fujairah F2 IWPP		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
SPC	Shams 1				50	50	100				50	50	100				50	50	100
	Shams 1 Total				50	50	100				50	50	100				50	50	100
Sweihan PV	Sweihan PV											935	935					935	935
	Sweihan PV Total											935	935					935	935
Total		749	14,678	118	1,077	50	16,672	748	14,678	118	1,157	985	17,686	748	14,678	118	1,157	985	17,686

قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 1999 - 2020
(القدرة المتاحة في وقت الذروة)

Generation Capacity by Technology (Gross MW) 1999 - 2020
(Available Capacity at Peak)



قدرة التحلية حسب أسلوب التحلية 1999 - 2003
(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												
	BPC Total	44			44	44			44	15			15	15			15	15			15
UANPC	Umm Al Nar East	42			42	42			42	42			42	42			42				
	Umm Al Nar West	54			54	54			54	54			54	117			117				
	UANPC Total	96			96	96	7		102	96	7		102	159	7		165				
ATPC	Taweelah B	72			72	72			72	72			72	72			72	72			72
	Taweelah B2					23			23	23			23	23			23	23			23
	ATPC Total	72			72	95			95	95			95	95			95	95			95
AMPC	Al Mirfa	16			16	16			16	31			31	39			39	39			39
	AMPC Total	16			16	16			16	31			31	39			39	39			39
ECPC	Taweelah A2									51			51	51			51	51			51
	ECPC Total									51			51	51			51	51			51
GTTPC	Taweelah A1									31			31	32	53		85	32	53		85
	GTTPC Total									31			31	32	53		85	32	53		85
APC	Umm Al Nar																158	7		165	
	APC Total																158	7		165	
	Total	227			227	251	7		258	318	7		325	391	60		451	390	60		449

قدرة التحلية حسب أسلوب التحلية 2004 - 2008
(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																				
	BPC Total	15			15	15			15	15			15	15			15				
ATPC	Taweelah B	72			72																
	Taweelah B2	23			23																
	ATPC Total	95			95																
TAPCO	Taweelah B					72			72	70			70	70			70	70			70
	Taweelah B2					23			23	23			23	23			23	23			23
	Taweelah New Extension																69				69
	TAPCO Total					95			95	93			93	93			93	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
APC	Umm Al Nar	158	7		165	158	7		165	177	7		184	138	7		145	138	7		145
	APC Total	158	7		165	158	7		165	177	7		184	138	7		145	138	7		145
ESWPC	Fujairah F1 IWPP					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
	Total	490	60		550	554	60	38	652	571	60	38	668	533	60	38	631	586	60	38	683

قدرة الإنتاج حسب نوع المولدات (ميجاوات) 2009 - 2013
(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			101
	RPC Total									101			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
Total		586	60	38	683	586	162	68	815	687	162	68	916	687	162	68	916	687	162	68	916

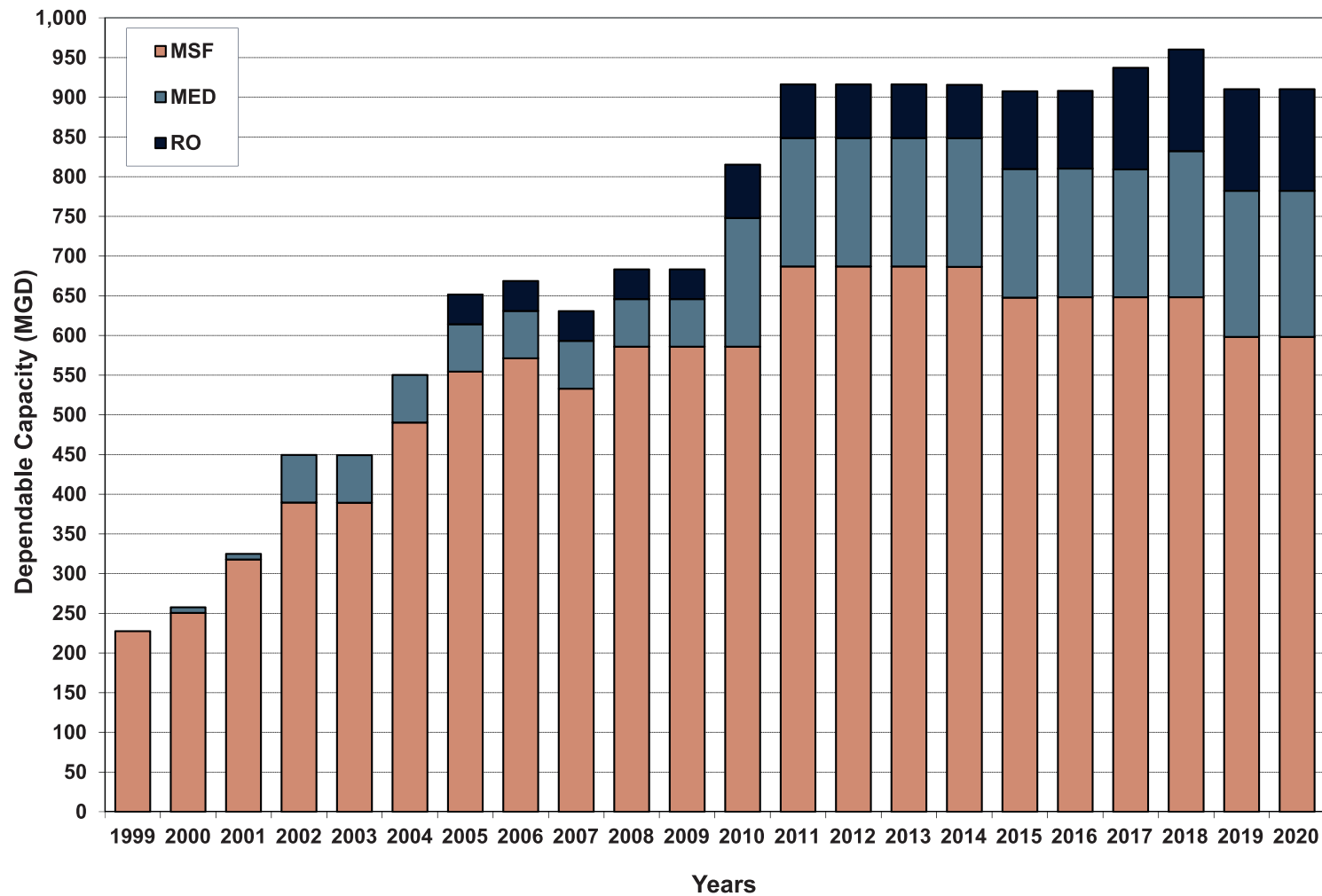
قدرة الإنتاج حسب نوع المولدات (ميجاوات) 2014 - 2020
(القدرة المتاحة في وقت الذروة)

Desalination Capacity by Technology (Gross MGD) 2014 - 2020
(Available Capacity at Peak)

Company	Station	2014				2015				2016				2017				2018				2019				2020			
		MSF	MED	RO	Total	MSF	MED	RO	Total	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	70			70	70			70
	Taweelah B2	23			23	23			23	23			23	23			23	23			23	23			23	23			23
	Taweelah New Extension	69			69	69			69	69			69	69			69	69			69	69			69	69			69
	TAPCO Total	162			162	162			162	162			162	162			162	162			162	162			162	162			162
AMPC	Al Mirfa	39			39																								
	AMPC Total	39			39																								
MIPCO	Mirfa IWPP													23	30	53		23	30	51		23	30	51		23	30	53	
	MIPCO Total													23	30	53		23	30	53		23	30	53		23	30	53	
ECPC	Taweelah A2	51			51	51			51	51			51	51			51	51			51	51			51	51			51
	ECPC Total	51			51	51			51	51			51	51			51	51			51	51			51	51			51
GTTPC	Taweelah A1	32	53		85	32	53		85	32	52		84	32	52		84	32	52		84	32	52		84	32	52		84
	GTTPC Total	32	53		85	32	53		85	32	52		84	32	52		84	32	52		84	32	52		84	32	52		84
SCIPCO	S1	101			101	101			101	101			101	101			101	101			101	101			101	101			101
	SCIPCO Total	101			101	101			101	101			101	101			101	101			101	101			101	101			101
RPC	S2	101			101	101			101	101			101	101			101	101			101	101			101	101			101
	RPC Total	101			101	101			101	101			101	101			101	101			101	101			101	101			101
APC	Umm Al Nar	138	7		145	138	7		145	138	7		145	138	7		145	138	7		145	88	7		95	88	7		95
	APC Total	138	7		145	138	7		145	138	7		145	138	7		145	138	7		145	88	7		95	88	7		95
ESWPC	Fujairah F1 IWPP	63		38	101	63		38	101	63		38	101	63		38	101	63		38	101	63		38	101	63		38	101
	Fujairah F1 Extension							30	30			30	30			30	30			30	30			30	30			30	
	ESWPC Total	63		38	101	63		68	131	63		68	131	63		68	131	63		68	131	63		68	131	63		68	131
FAPCO	Fujairah F2 IWPP		102	30	132		102	30	132		102	30	132		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		102	30	132		102	30	132		102	30	132
	Total	686	162	68	916	648	162	68	907	648	161	98	907	648	184	128	960	648	184	128	960	598	184	128	910	598	184	128	910

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

Desalination Capacity by Technology (Gross MGD) Chart
(Available Capacity at Peak)



انبعاثات غاز ثاني أكسيد الكربون

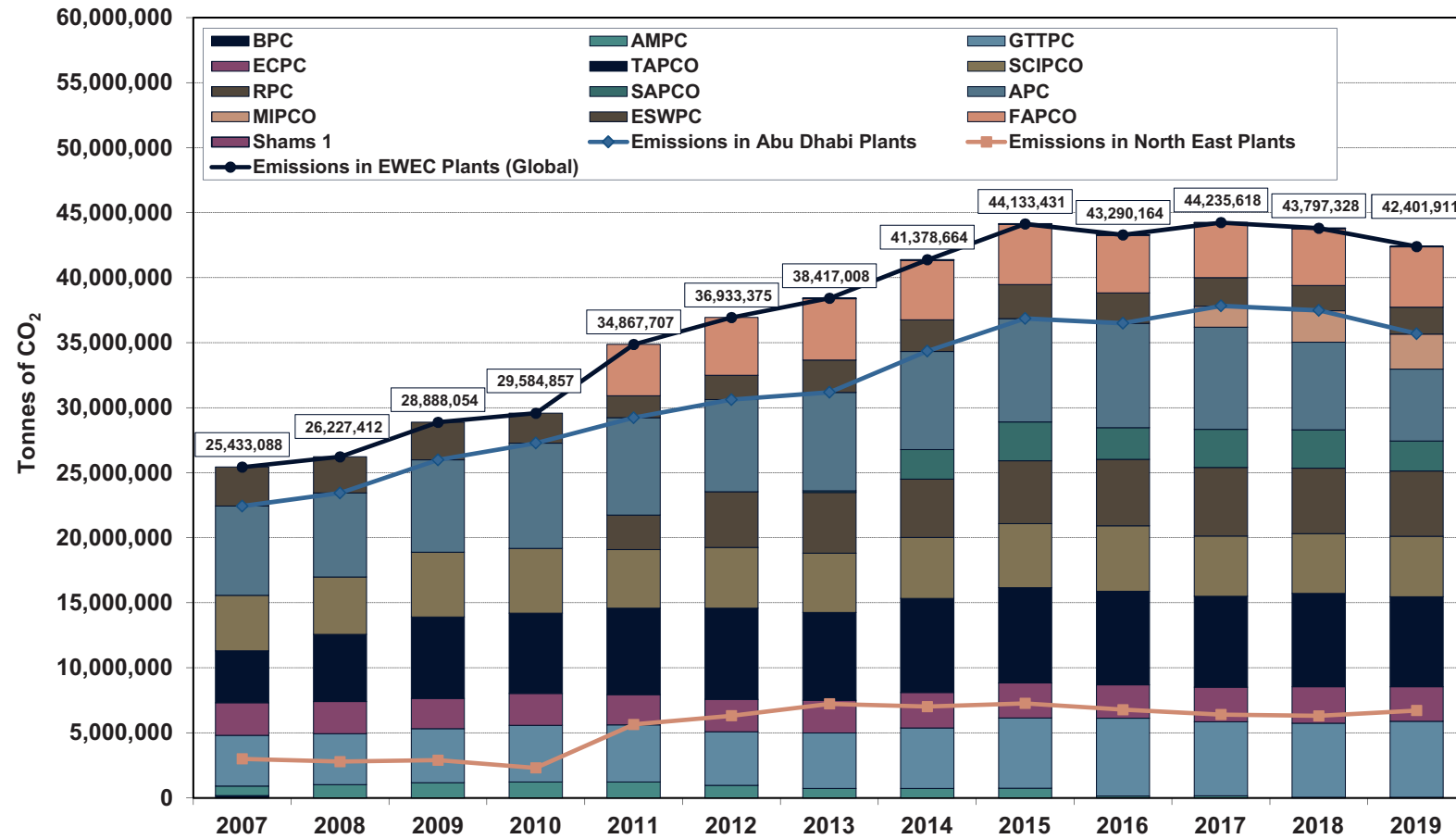
CO₂ Emissions

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

101 انبعاثات غاز ثاني أكسيد الكربون (بالطن)
حسب طريقة تركيز الانبعاثات

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

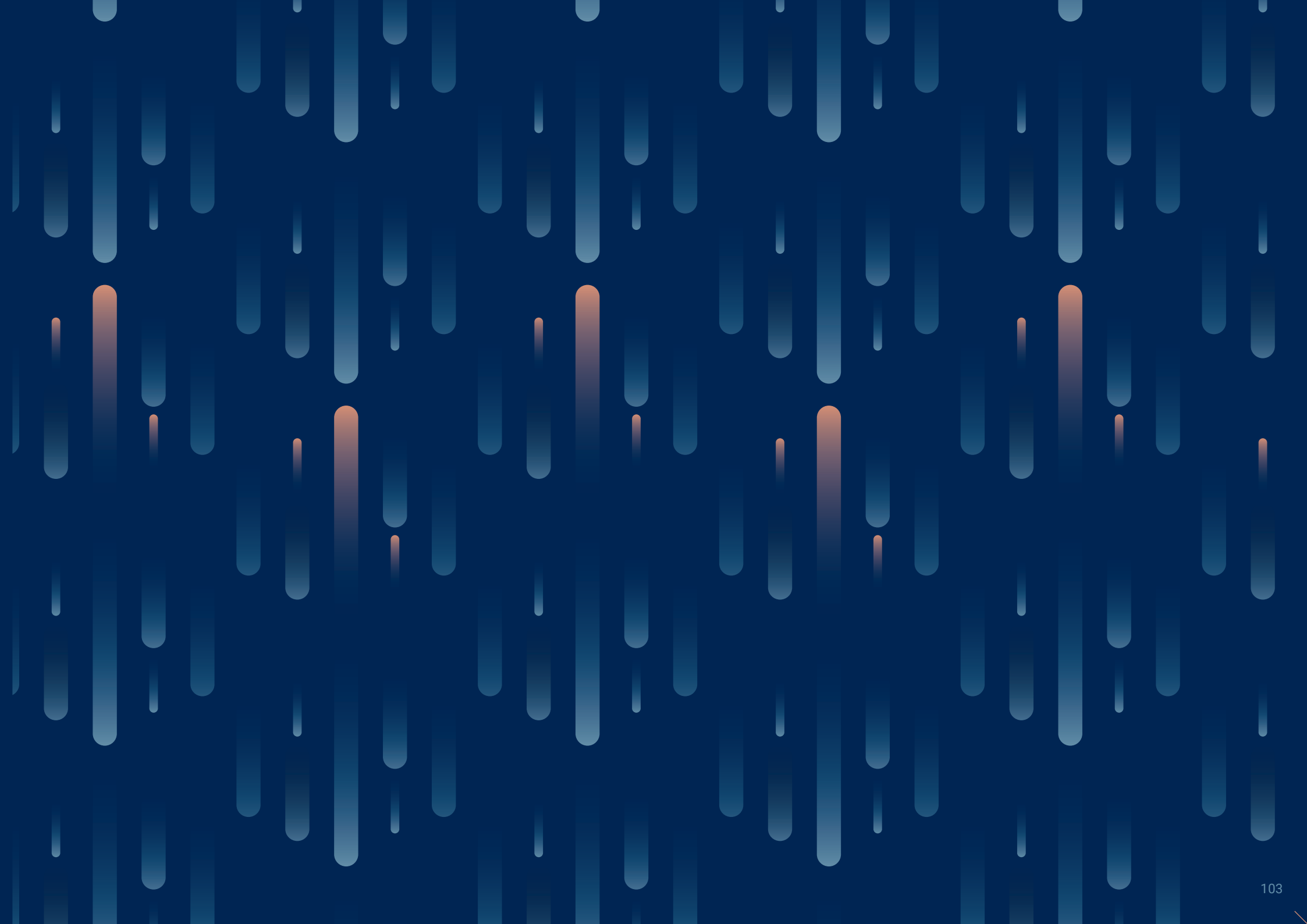
CO₂ Emissions (Tonnes) calculated as per the Emission Intensity Calculation Tool



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

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

Company	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
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	713,343	744,043	133,586	157,196	46,592	38,351
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	5,693,170	5,693,170	5,848,905
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	2,658,530	2,793,458	2,652,122
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	6,984,445	7,193,834	6,929,961
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	4,643,087	4,590,282	4,647,290
Ruwais Power Company (RPC)					2,652,383	4,283,668	4,663,967	4,480,766	4,835,334	5,108,666	5,264,873	5,030,951	5,012,627
Shuweihat Asia Power Company (SAPCO)							137,416	2,283,463	2,992,366	2,443,977	2,923,375	2,947,202	2,306,177
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	7,861,753	6,733,733	5,524,125
Shams Power Company (Shams 1)							24,004	27,237	21,248	23,289	28,318	31,765	31,237
Mirfa International Power Company (MIPCO)											1,616,887	2,429,357	2,695,287
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	2,201,829	1,940,103	2,078,860
Fujairah Asia Power Company (FAPCO)					3,959,776	4,438,670	4,731,161	4,602,897	4,653,826	4,443,769	4,202,155	4,366,879	4,636,969
Emissions in Abu Dhabi Plants	22,433,005	23,445,145	25,994,970	27,279,931	29,223,797	30,618,184	31,187,180	34,356,410	36,867,604	36,502,606	37,831,634	37,490,346	35,686,083
Emissions in North East Plants	3,000,083	2,782,267	2,893,084	2,304,926	5,643,910	6,315,190	7,229,829	7,022,254	7,265,826	6,787,558	6,403,984	6,306,983	6,715,828
Emissions in EWEC Plants (Global)	25,433,088	26,227,412	28,888,054	29,584,857	34,867,707	36,933,375	38,417,008	41,378,664	44,133,431	43,290,164	44,235,618	43,797,328	42,401,911



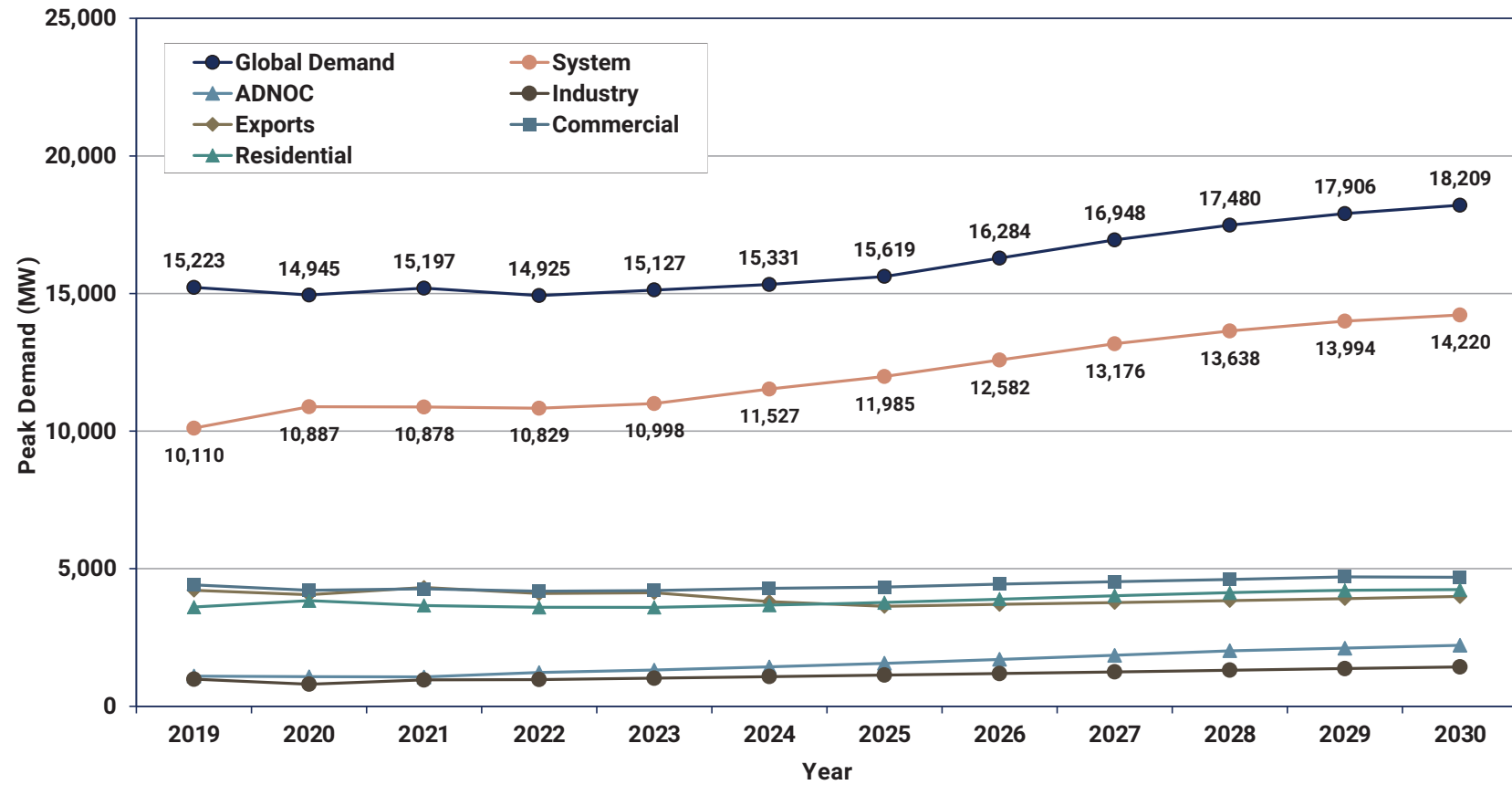
إحصائيات التنبؤ

Forecast Statistics

105	Electricity Peak Demand Forecast (Gross MW)	105	توقعات الطلب القصوى على الكهرباء (ميجاوات)
107	Water Peak Demand Forecast (Gross MGD)	107	توقعات الطلب القصوى على المياه (مليون جالون/يوم)
108	Water Global Demand	108	الطلب العالمي على المياه (مليون جالون/يوم)

توقعات الطلب القصوى على الكهرباء (ميجاوات)

Electricity Peak Demand Forecast (Gross MW)



توقعات الطلب القصوى على الكهرباء (ميجاوات)

Electricity Peak Demand Forecast (Gross MW)

CATEGORY	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
ADNOC	1,097	1,076	1,069	1,229	1,315	1,434	1,564	1,705	1,852	2,020	2,115	2,217
Residential / Commercial	8,029	8,052	7,929	7,782	7,803	7,960	8,093	8,335	8,549	8,733	8,920	8,931
Industry	986	802	957	974	1,020	1,079	1,134	1,192	1,251	1,312	1,372	1,431
Auxiliaries	1,052	1,038	1,030	989	945	892	904	929	953	974	991	973
System	10,110	10,887	10,878	10,829	10,998	11,527	11,985	12,582	13,176	13,638	13,994	14,220
Exports	4,220	4,058	4,319	4,096	4,129	3,804	3,634	3,702	3,772	3,842	3,913	3,989
Global Demand	15,223	14,945	15,197	14,925	15,127	15,331	15,619	16,284	16,948	17,480	17,906	18,209

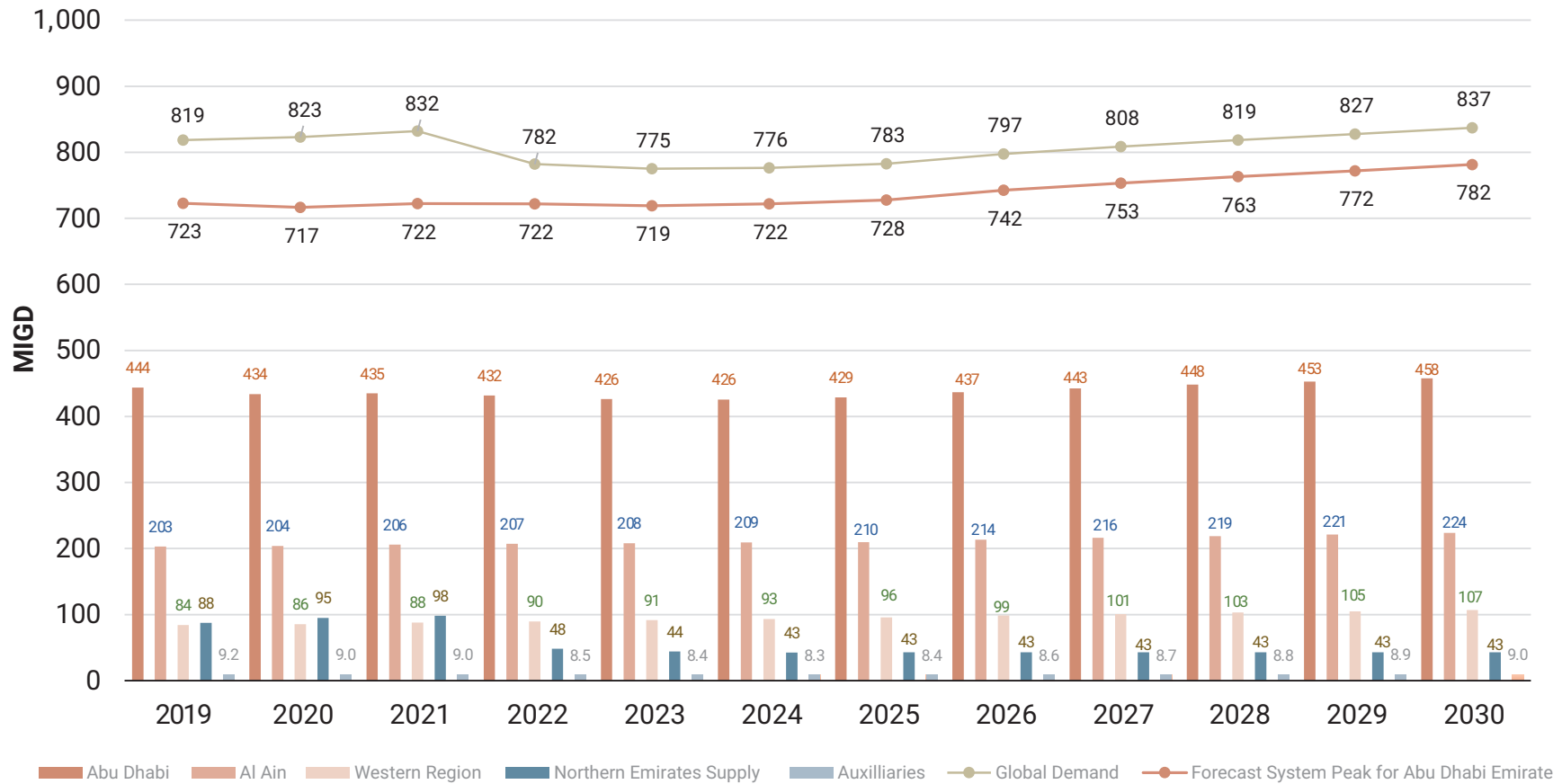
توقعات الطلب القصوى على المياه (مليون جالون / يوم)

Water Peak Demand Forecast (Gross MGD)

Diversified Regional Gross Demand (losses included)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Abu Dhabi Region	444	434	435	432	426	426	429	437	443	448	453	458
Al Ain Region	203	204	206	207	208	209	210	214	216	219	221	224
Western Region	84	86	88	90	91	93	96	99	101	103	105	107
Forecast Sum of Regional Peaks	731	723	729	728	726	728	734	749	760	770	779	789
Forecast System Peak for Abu Dhabi Emirate	72	717	722	722	719	722	728	742	753	763	772	782
Regional Diversity Factor	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%
Abu Dhabi Emirate Auxiliaries	8.2	7.9	7.9	8.0	7.9	7.8	7.9	8.1	8.2	8.3	8.4	8.5
Emirate of Abu Dhabi System Peak + Auxiliaries	731	724	730	730	727	730	736	750	761	772	780	790
Farms in Northern Emirates (ADDC)	3.6	3.7	3.8	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Sector Totals including losses (Diversified)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Domestic	210	211	215	214	214	216	219	223	227	230	233	237.1
Villas, Shabia, TH Irrigation	94	94	96	94	94	94	94	96	97	98	99	99
Bulk Irrigation Inc. Farms	358	346	341	340	335	332	333	338	340	342	344	345
Industrial	48	51	55	58	60	62	65	68	71	74	76	79
District Cooling	13	14	16	16	17	17	18	18	19	20	20	20.97
Aquifer recharge												
Total Peak Sectoral Demands (Diversified)	723	717	722	722	719	722	728	742	753	763	772	782
Total System Peak (Resultant after superimposing individual Peaks)	723	717	722	722	719	722	728	742	753	763	772	782
Total of Sectoral Demands+ Auxiliaries	731	724	730	730	727	730	736	750	761	772	780	790
ADWEC Supplies to the Northern Emirates	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Total FEWA	69	73	75	26	22	20	21	21	21	21	21	21
Total SEWA	18	20	22	22	22	22	22	22	22	22	22	22
Total FE	0	0	0	0	0	0	0	0	0	0	0	0
Total DEWA	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0
"Total Northern Emirates Exports Including Losses (Excluding Auxiliaries)"	87	94	97	48	44	42	43	43	43	43	43	43
Total Northern Emirates Auxiliaries	0.98	1.08	1.11	0.57	0.53	0.51	0.51	0.51	0.51	0.51	0.51	0.51
Total Northern Emirates Supply (Including Auxiliaries & Losses)	88	95	98	48	44	43	43	43	43	43	43	43
Total Auxiliaries	9.2	9.0	9.0	8.5	8.4	8.3	8.4	8.6	8.7	8.8	8.9	9.0
"Global Demand Forecast update Winter 2019-2020 = the Regional System Peak + NE + Auxiliaries"	819	823	832	782	775	776	783	797	808	819	827	837

الطلب العالمي على المياه (مليون جالون / يوم)

Water Global Demand



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
ADPower	Abu Dhabi Power Corporation	مؤسسة أبوظبي للطاقة
ADCO	Abu Dhabi Onshore Oil Company	شركة أبوظبي للعمليات البترولية البرية
ADDC	Abu Dhabi Distribution Company	شركة أبوظبي للتوزيع
ADH	Abu Dhabi	أبوظبي
ADNOC	Abu Dhabi National Oil Company	شركة أبوظبي الوطنية للبترول
ADPS	Abu Dhabi Power Station	محطة أبوظبي للطاقة
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	توربين 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 / للضخ
CCGT	Combined Cycle Cogeneration Plant	وحدة انتاج كهرباء و مياه ذات دورة مزدوجة
CCNW	Combined Cycle Plant w/ no Water Production	وحدة انتاج كهرباء بدون مياه ذات دورة مزدوجة
CCRP	Capital Cost Recovery Charge Rate Power	معامل استرجاع رأس المال - الطاقة
CEST	Controlled Extractions Steam Turbine	توربين بخاري بخارج
COD	Commercial Operation Date	تاريخ التشغيل التجاري
CO ₂	Carbon Dioxide	ثاني أكسيد الكربون
COPT	Capacity Outage Probability Table	جدول احتمالات انقطاع القدرة
CR	Central Region	المنطقة المتوسطة
CST	Condensing Steam Turbine	توربين 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"
DOE	Department of Energy	دائرة الطاقة
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
EEI	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 للألمنيوم
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
EWEC	Emirates Water & Electricity Company	شركة مياه وكهرباء الإمارات
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 جبريا
GASCO	Abu Dhabi Gas Industries Company	شركة أبو ظبي لصناعات الغاز
GCC	Gulf Cooperation Council	مجلس التعاون الخليجي
GD	Generation & Desalination Company	شركة انتاج الطاقة و التحطير
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
GTTPC	Gulf Total Tractebel Power Company	شركة الخليج توتال تراكتبل للطاقة
GWh	Giga Watt Hour	جيجوات 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 تحلية 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 فقدان 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 موزانة
MED	Multi-effect Desalination	تحلية 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 الإنتاج ذات الدورة المزدوجة بالمرقا
MRF	Al Mirfa Power Station	محطة المرقا للطاقة
MRF-IWPP	Al Mirfa – Independent Water & Power Producer	منتج الماء و الكهرباء المستقل في المرقا
mscft	Million standard Cubic Feet	مليون قدم مكعب قياسي
MSF	Multi-stage Flash Desalination	التحلية بالرداء متعددة المراحل
MVA	Mega Volt Ampere	ميجافولت امبير
MVA _r	Mega Volt Ampere reactive	وحدة قياس القدرة غير الفعالة – ميجافار
MVC	Mechanical Vapor Compression (Desalination)	التحلية بضغط البخار ميكانيكيا
MW	Mega Watt	ميجوات
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
RPC	Ruwais Power Company	شركة الرويس للطاقة
SAPCO	Shuweihat Asia Power Company	شركة الشويهاث 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 الشويهاث سي إم إس للطاقة
SHRR	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 الشويهاث
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 أ1 – (جي 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 ب2 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 البخار 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 ضخ أم النار A للطاقة / شرق
UNE-B, UEB	Umm Al Nar East B Power Station	محطة ضخ أم النار B للطاقة / شرق
UNW	Umm Al Nar West Power Station	محطة ضخ أم النار B للطاقة / شرق
UNW1-6, UW1	Umm Al Nar West 1 – 6 Power Station	محطة ضخ أم النار غرب للطاقة / الوحدات 1-6
UNW7-8, UW7	Umm Al Nar West 7 & 8 Power Station	محطة ضخ أم النار غرب للطاقة / الوحدات 7-8
UNW9-10, UW9	Umm Al Nar West 9 & 10 Power Station	محطة ضخ أم النار غرب للطاقة / الوحدات 9-10
UNW-B	Umm Al Nar West B Desalination Plant	محطة أم النار غرب 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)	توربين بخاري خاضع للتحكم

EWEC's Location Map





E communications@ewec.ae
T +971 2 694 3666
ewec.ae