



التقرير الإحصائي 2020

Statistical Report 2020



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



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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 2020 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 2020.

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 كمؤد 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



A series of overlapping, rounded, light blue and orange lines in the top-left corner of the slide, creating a modern, abstract design.

إحصائيات الكهرباء Electricity Statistics

إحصائيات الكهرباء

Electricity Statistics

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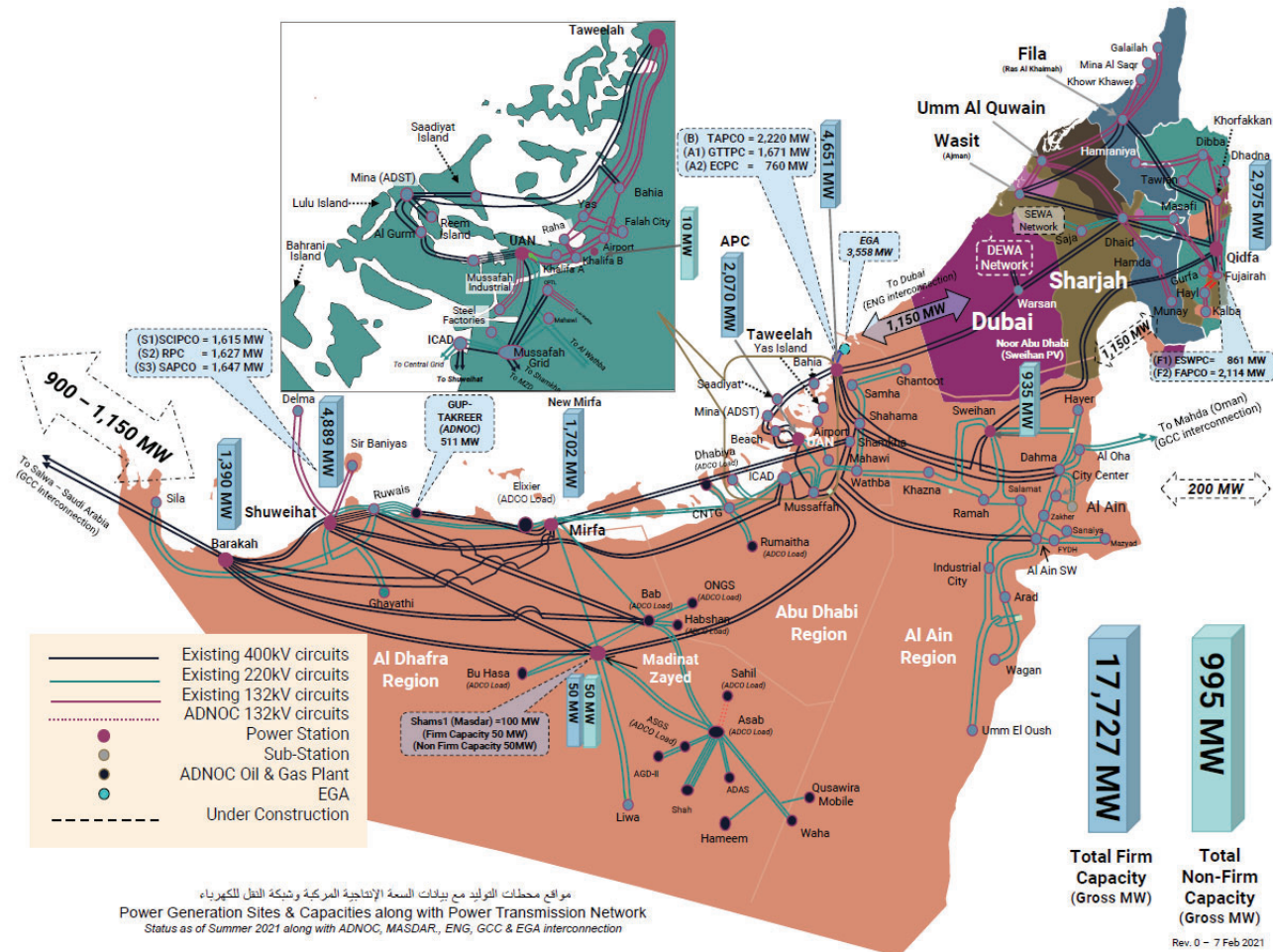
إحصائيات الكهرباء

Electricity Statistics

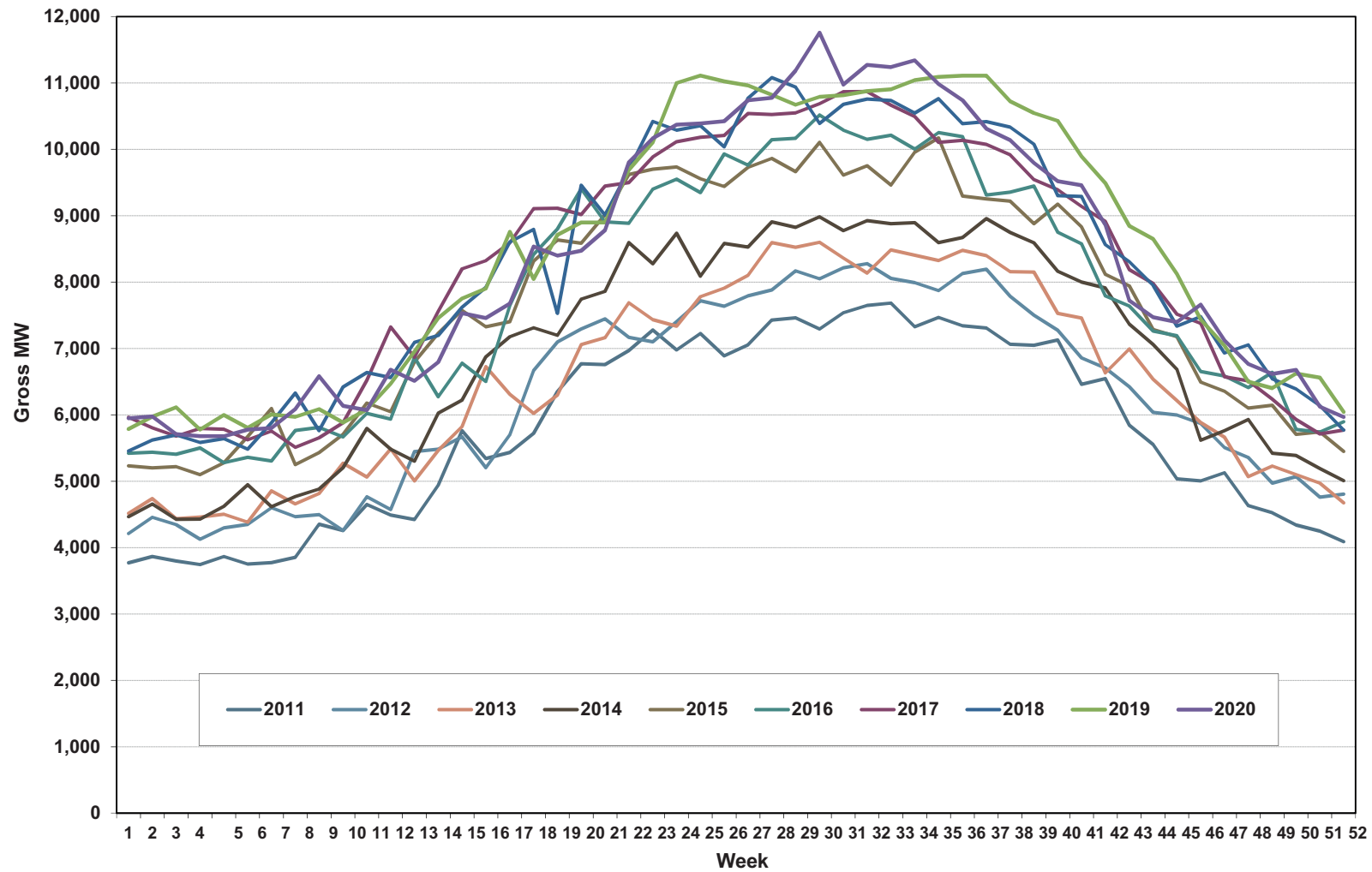
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شبكة الكهرباء حتى صيف 2021

Electricity System Network (Summer 2021)

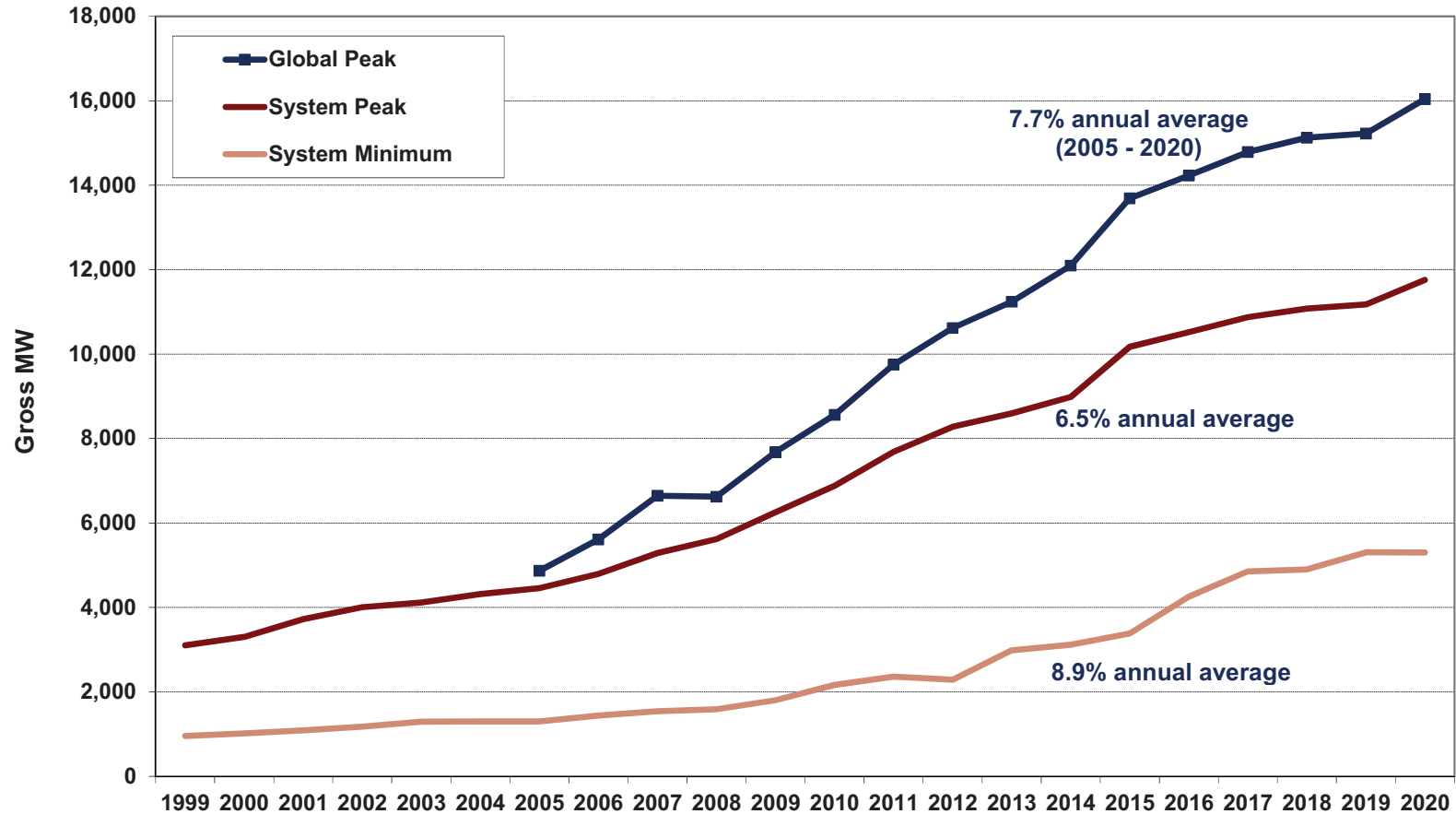


الأحمال القصوى الأسبوعية للشبكة 2011 - 2020 System Weekly Electricity Peaks 2011 - 2020



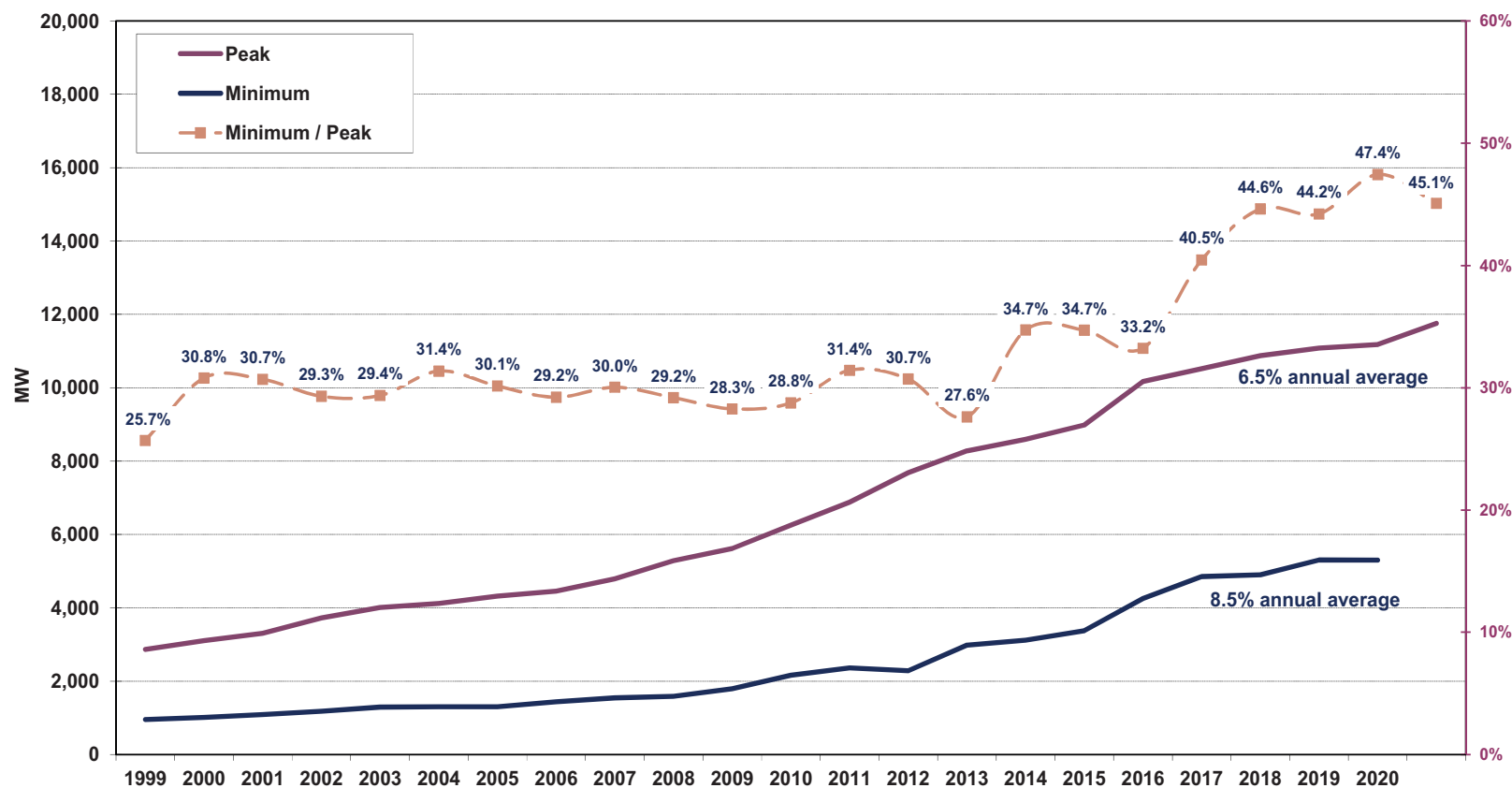
إجمالي الحمل الأقصى و الأدنى للشبكة في إمارة أبوظبي 1999 - 2020

Global Abu Dhabi System Peak & Minimum Demands 1999 - 2020



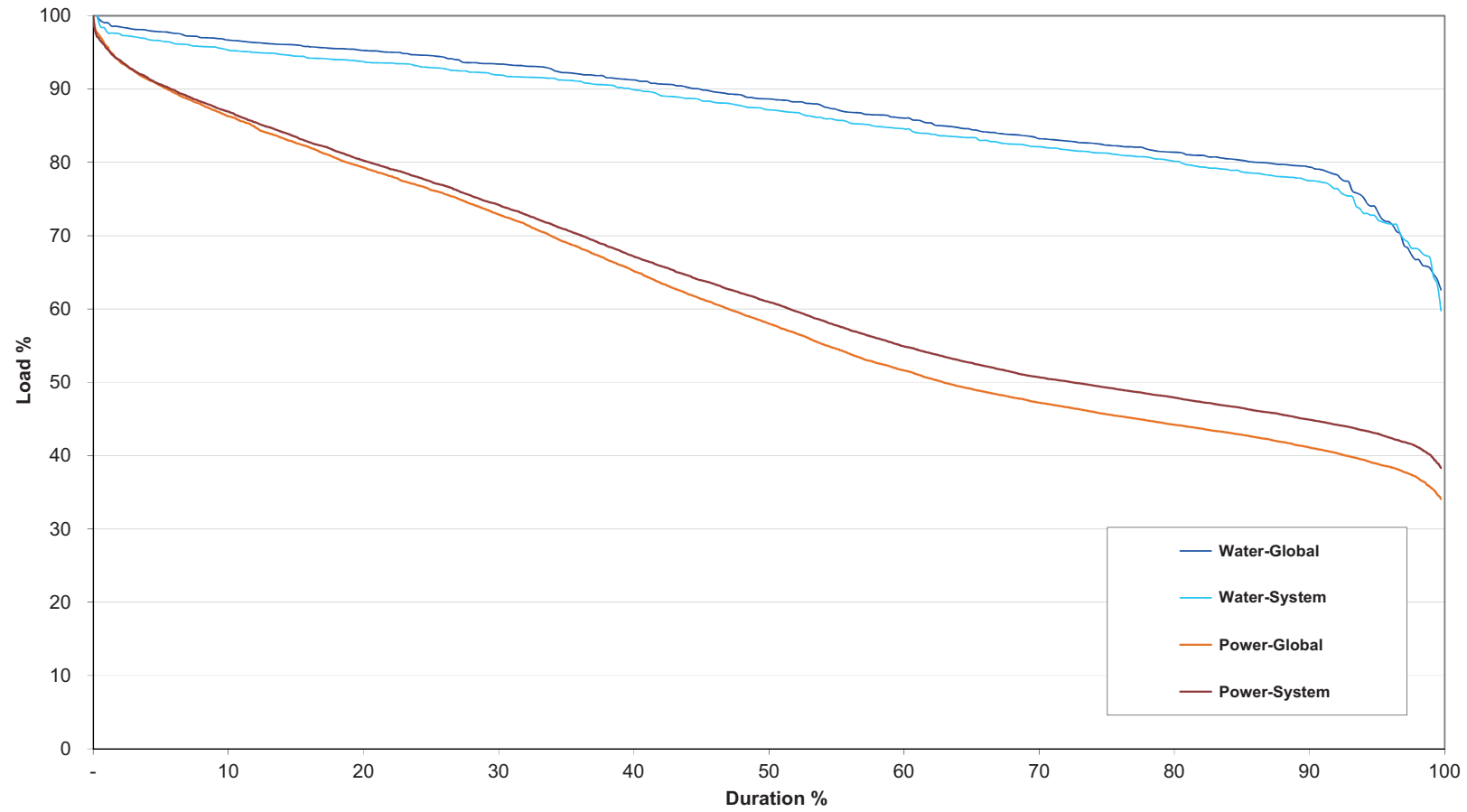
الأحمال القصوى و الأحمال الدنيا و نسبتها المئوية من الأحمال القصوى للشبكة

Ratio of System Electricity Minimum / Peak Demands

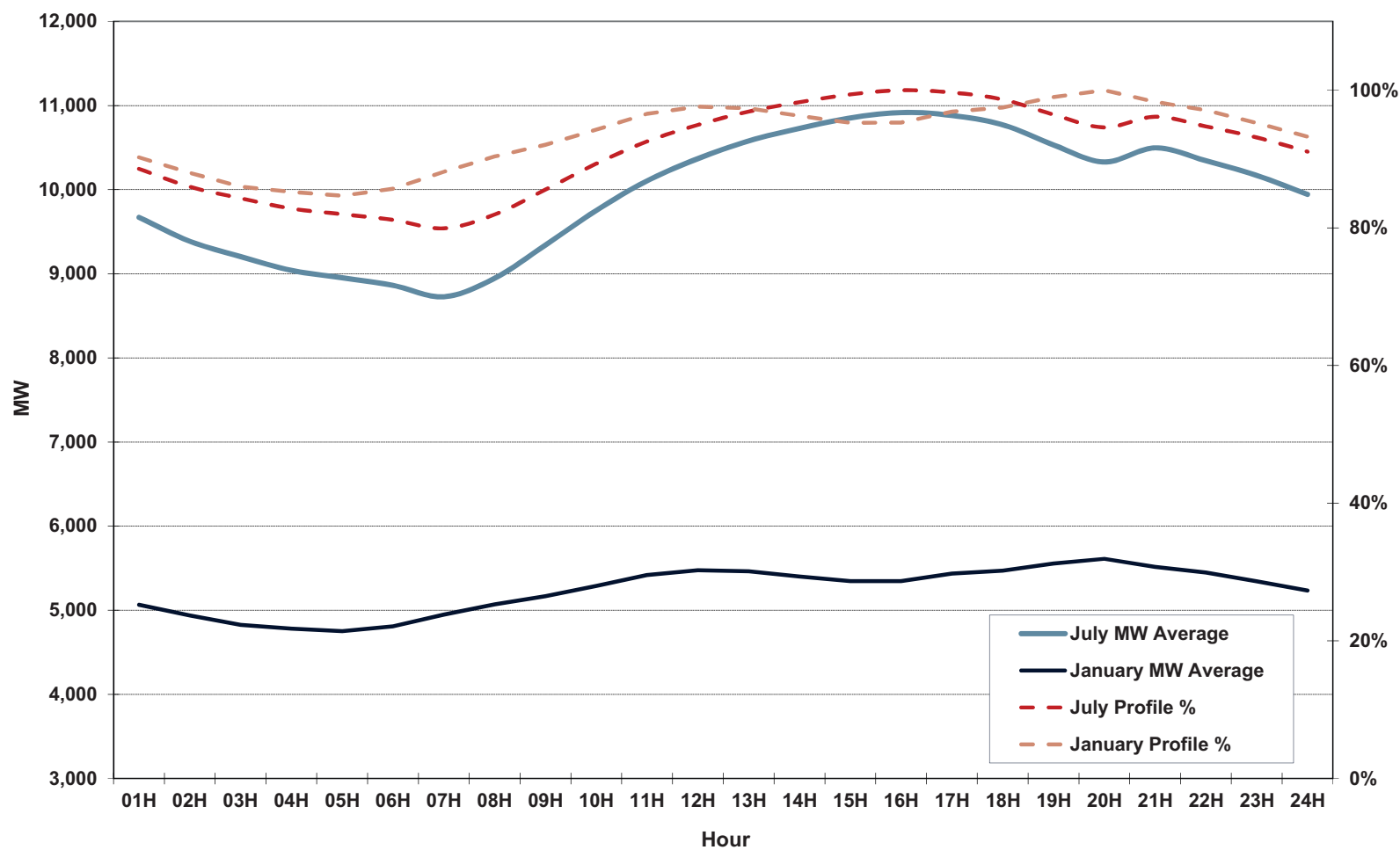


منحنى الأحمال الزمني للشبكة للعام 2020

2020 System Load Duration Curves

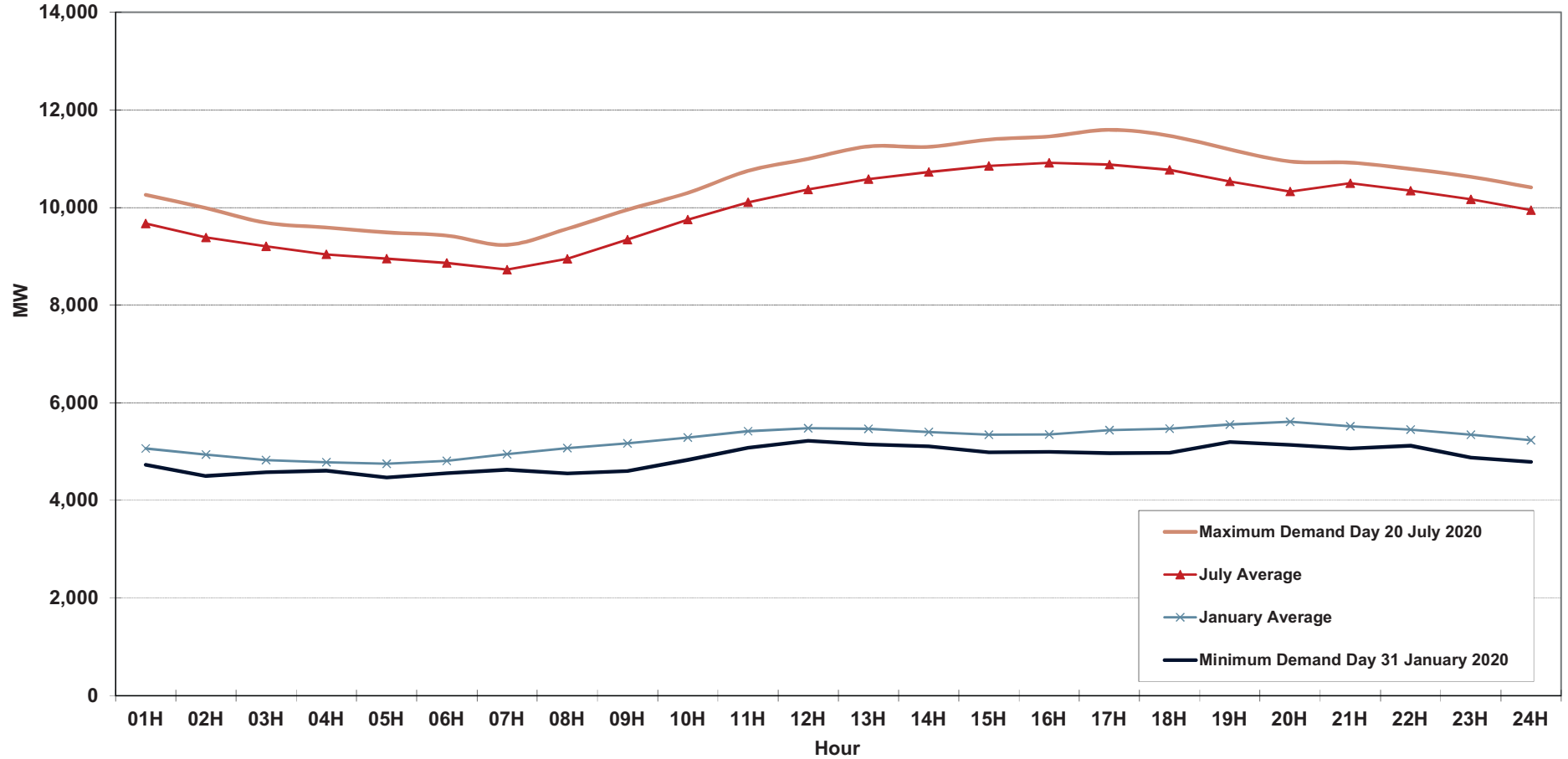


أنماط الطلب على الكهرباء في أبوظبي للعام 2020 Abu Dhabi 2020 System Electricity Demand Profiles



مقارنه بين نمطي الطلب الأدنى و الأقصى خلال شهري يناير وأغسطس من عام 2020

Abu Dhabi 2020 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
2020	6,932	2,401	2,314	11,757	16,040	16,684
1999 - 2020 Average Growth Rate				6.5%	7.7%	

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%
2020	2,982	608	1,165	5,301	6,570	45.1%
1999 - 2020 Average Growth Rate				8.5%	10.4%	

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	Monday-15-August-2011 16:41
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	
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	
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	
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	
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	
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	
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	
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	
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	
2020	Tuesday-18-August-2020 15:17	Tuesday-18-August-2020 15:09	Monday-20-July-2020 15:34	Monday-20-July-2020 15:34	Monday-20-July-2020 15:34

سجلات الأحمال السنوية الدنيا

Minimum Annual Demand Dates

Year	Abu Dhabi	Al Ain	Al Dhafra Region	System	Global
1999	Friday-29-January-1999 05:00	Thursday-04-March-1999 04:00	Wednesday-03-March-1999 04:00	Friday-29-January-1999 06:00	
2000	Wednesday-09-February-2000 04:00	Saturday-19-February-2000 05:00	Monday-14-February-2000 04:00	Wednesday-02-February-2000 05:00	
2001	Tuesday-30-January-2001 04:00	Monday-05-February-2001 02:00	Monday-12-March-2001 04:00	Wednesday-31-January-2001 04:00	
2002	Friday-08-February-2002 08:00	Saturday-19-January-2002 04:00	Tuesday-19-March-2002 05:00	Sunday-10-February-2002 04:00	
2003	Friday-03-January-2003 06:00	Thursday-17-April-2003 15:00	Thursday-17-April-2003 05:00	Friday-10-January-2003 05:00	
2004	Monday-02-February-2004 08:00	Wednesday-28-January-2004 04:00	Monday-27-December-2004 10:00	Monday-02-February-2004 04:00	
2005	Friday-21-January-2005 08:00	Friday-21-January-2005 04:00	Friday-21-January-2005 03:00	Friday-21-January-2005 05:00	
2006	Wednesday-11-January-2006 08:00	Saturday-25-February-2006 03:00	Saturday-25-February-2006 04:00	Wednesday-11-January-2006 05:00	
2007	Monday-01-January-2007 06:00	Saturday-20-January-2007 04:00	Thursday-04-January-2007 03:00	Monday-01-January-2007 04:00	
2008	Friday-18-January-2008 08:00	Wednesday-16-January-2008 04:00	Thursday-24-January-2008 05:00	Thursday-17-January-2008 04:00	
2009	Sunday-04-January-2009 04:00	Saturday-24-January-2009 04:00	Saturday-24-January-2009 07:00	Saturday-24-January-2009 04:00	
2010	Thursday-04-March-2010 04:15	Tuesday-09-February-2010 04:10	Thursday-14-January-2010 04:00	Saturday-30-January-2010 03:50	
2011	Tuesday-15-February-2011 03:31	Saturday-22-January-2011 03:26	Tuesday-29-March-2011 04:46	Tuesday-15-February-2011 03:31	Saturday-22-January-2011 04:00
2012	Tuesday-24-January-2012 04:46	Saturday-28-January-2012 04:13	Sunday-08-January-2012 06:03	Sunday-08-January-2012 06:03	Tuesday-24-January-2012 05:00
2013	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
2020	Friday-31-January-2020 18:27	Saturday-11-January-2020 19:37	Saturday-29-February-2020 19:03	Friday-31-January-2020 18:27	Friday-31-January-2020 18:27

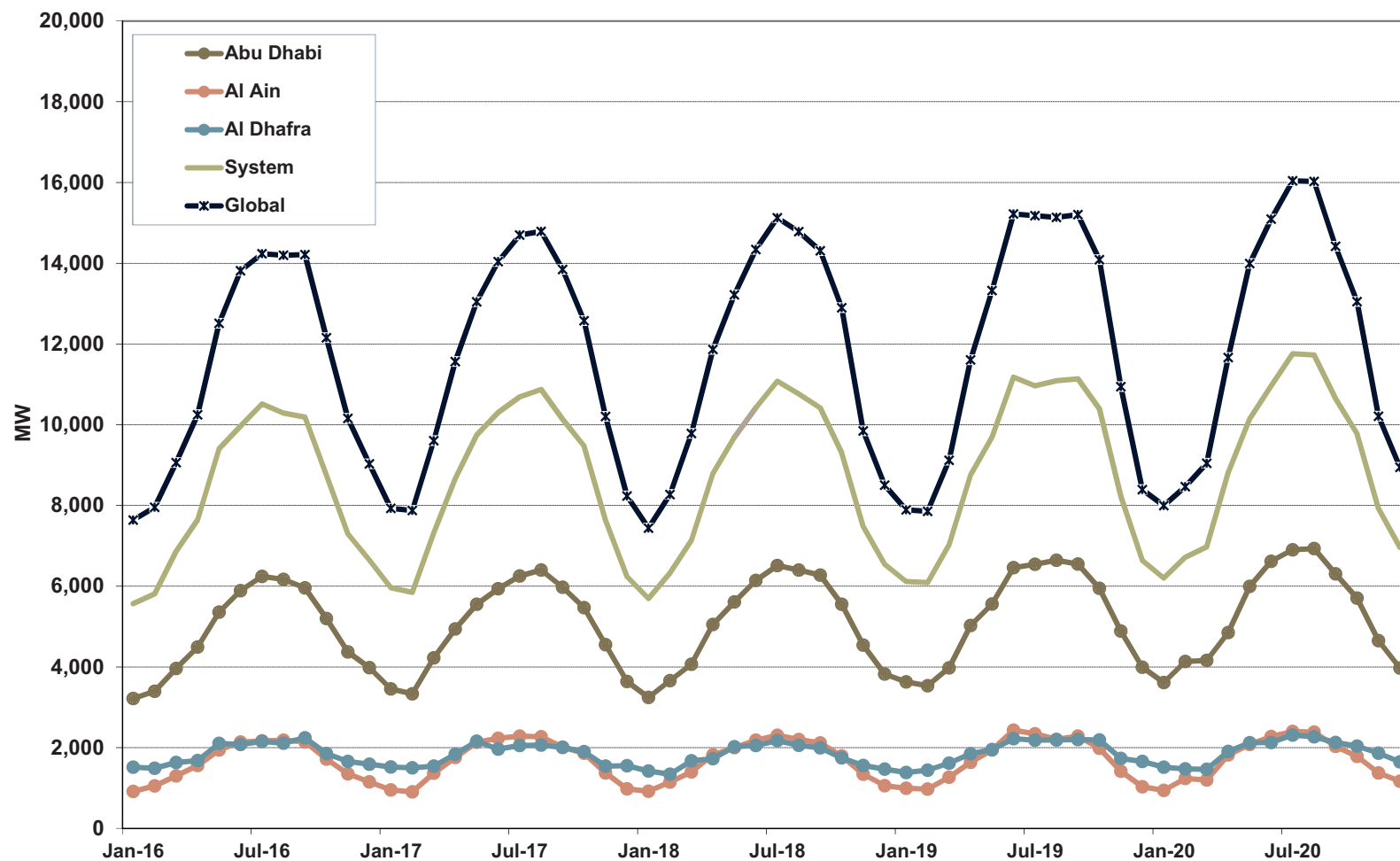
الأحمال الشهرية القصوى (ميجاوات) 2016 - 2020

Peak Monthly Demand (Gross MW) 2016 - 2020

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
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
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
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
2020												
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	3,612	4,133	4,160	4,853	5,995	6,618	6,901	6,932	6,305	5,704	4,649	3,974
Al Ain	941	1,239	1,199	1,822	2,079	2,274	2,401	2,388	2,033	1,786	1,372	1,167
Al Dhafra	1,518	1,473	1,463	1,906	2,124	2,127	2,314	2,269	2,130	2,038	1,863	1,648
System	6,202	6,719	6,974	8,809	10,147	10,963	11,757	11,728	10,645	9,778	7,924	6,963
Global	7,995	8,468	9,044	11,663	13,992	15,093	16,040	16,029	14,421	13,050	10,212	8,945

الأحمال الشهرية القصوى (ميجاوات) 2016 - 2020

Peak Monthly Demand (Gross MW) 2016 - 2020



لأحمال الشهرية الدنيا (ميجاوات) 2016 - 2020

Minimum Monthly Demand (Gross MW) 2016 - 2020

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
2020												
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	2,897	3,232	3,301	3,607	4,373	4,819	5,364	5,491	4,804	4,351	3,643	3,273
Al Ain	594	795	895	1,339	1,470	1,716	1,713	1,751	1,471	1,294	939	782
Al Dhafra	1,354	1,207	1,228	1,521	1,660	1,765	1,996	1,832	1,878	1,675	1,645	1,471
System	4,765	5,139	5,308	6,389	7,468	8,125	8,942	8,904	7,978	7,207	6,022	5,396
Global	6,324	6,656	7,122	8,916	10,420	11,313	12,415	12,522	11,044	9,825	8,178	7,341

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
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
2020	3,612	4,126	4,133	4,891	5,995	6,533	6,901	6,932	6,255	5,704	4,649	3,974

Ratio of Abu Dhabi Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2020	52.11	59.52	59.62	70.56	86.48	94.24	99.55	100.00	90.23	82.29	67.07	57.33

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
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
2020	941	1,239	1,199	1,822	2,079	2,274	2,401	2,388	2,033	1,786	1,372	1,167

Ratio of Al Ain Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2020	39.19	51.60	49.94	75.89	86.59	94.71	100.00	99.46	84.67	74.39	57.14	48.60

الذروة الشهرية مقارنة بالذروة السنوية في منطقة الظفرة

Ratio of Monthly Peak to Annual Peak of Al Dhafra Region

Al Dhafra Peak Demand (MW)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2020	1,518	1,473	1,443	1,848	2,124	2,072	2,314	2,263	2,119	2,038	1,863	1,648

Ratio of Al Dhafra Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2020	65.60	63.66	62.36	79.86	91.79	89.54	100.00	97.80	91.57	88.07	80.51	71.22

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
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
2020	6,202	6,719	6,974	8,809	10,147	10,963	11,757	11,728	10,645	9,778	7,924	6,963

Ratio of System Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2020	52.75	57.15	59.32	74.93	86.31	93.25	100.00	99.75	90.54	83.17	67.40	59.22

الطلب السنوي على الكهرباء (جيجاوات ساعة)

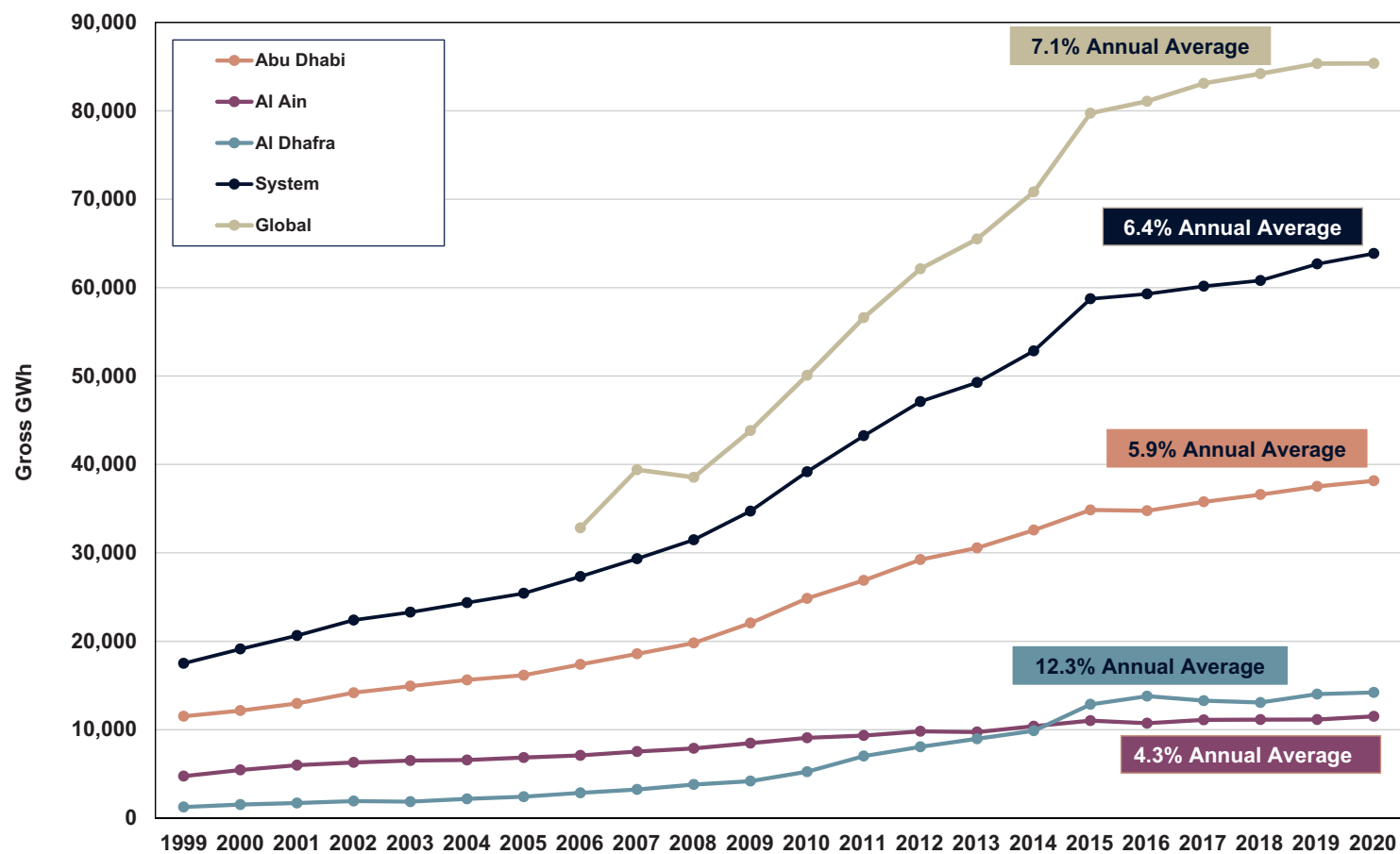
Annual Energy Demand (Gross GWh)

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
2020	38,148	11,508	14,212	63,868	85,362	84,853

* Global includes exports to Northern Emirates

الطلب السنوي على الكهرباء (جيجاوات ساعة)

Annual Energy Demand (Gross GWh)



الطلب الشهري على الكهرباء (جيجوات ساعة) 2020 - 2016

Monthly Energy Demand (Gross GWh) 2016 - 2020

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
2020													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	2,412	2,431	2,676	2,616	3,932	3,809	4,003	4,122	3,712	3,236	2,763	2,436	38,148
Al Ain	568	602	709	871	1,368	1,320	1,338	1,348	1,132	936	708	608	11,508
Al Dhafra	1,060	887	965	1,035	1,551	1,313	1,354	1,338	1,297	1,223	1,106	1,083	14,212
System	4,040	3,921	4,349	4,522	6,851	6,442	6,695	6,808	6,141	5,395	4,578	4,127	63,868
Global	4,848	4,695	5,400	6,112	7,806	9,013	10,075	10,052	8,629	7,317	6,116	5,300	85,362
Global including GCC	4,849	4,697	5,405	6,114	7,807	9,014	9,999	9,680	8,540	7,319	6,115	5,314	84,853

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
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
2020	2,412	2,431	2,676	2,616	3,932	3,809	4,003	4,122	3,712	3,236	2,763	2,436

Ratio of Abu Dhabi Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2020	58.51	58.99	64.92	63.48	95.41	92.41	97.12	100.00	90.07	78.52	67.04	59.10

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
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
2020	568	602	709	871	1,368	1,320	1,338	1,348	1,132	936	708	608

Ratio of Al Ain Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2020	41.53	44.01	51.82	63.67	100.00	96.49	97.78	98.54	82.74	68.41	51.78	44.42

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 Energy Demand (GWh)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2020	1,060	887	965	1,035	1,551	1,313	1,354	1,338	1,297	1,223	1,106	1,083

Ratio of Al Dhafra Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2020	68.34	57.21	62.20	66.71	100.00	84.69	87.31	86.30	83.60	78.84	71.33	69.85

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
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
2020	4,040	3,921	4,349	4,522	6,851	6,442	6,695	6,808	6,141	5,395	4,578	4,127

Ratio of System Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2020	58.96	57.23	63.48	66.00	100.00	94.03	97.72	99.37	89.63	78.74	66.82	60.23

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

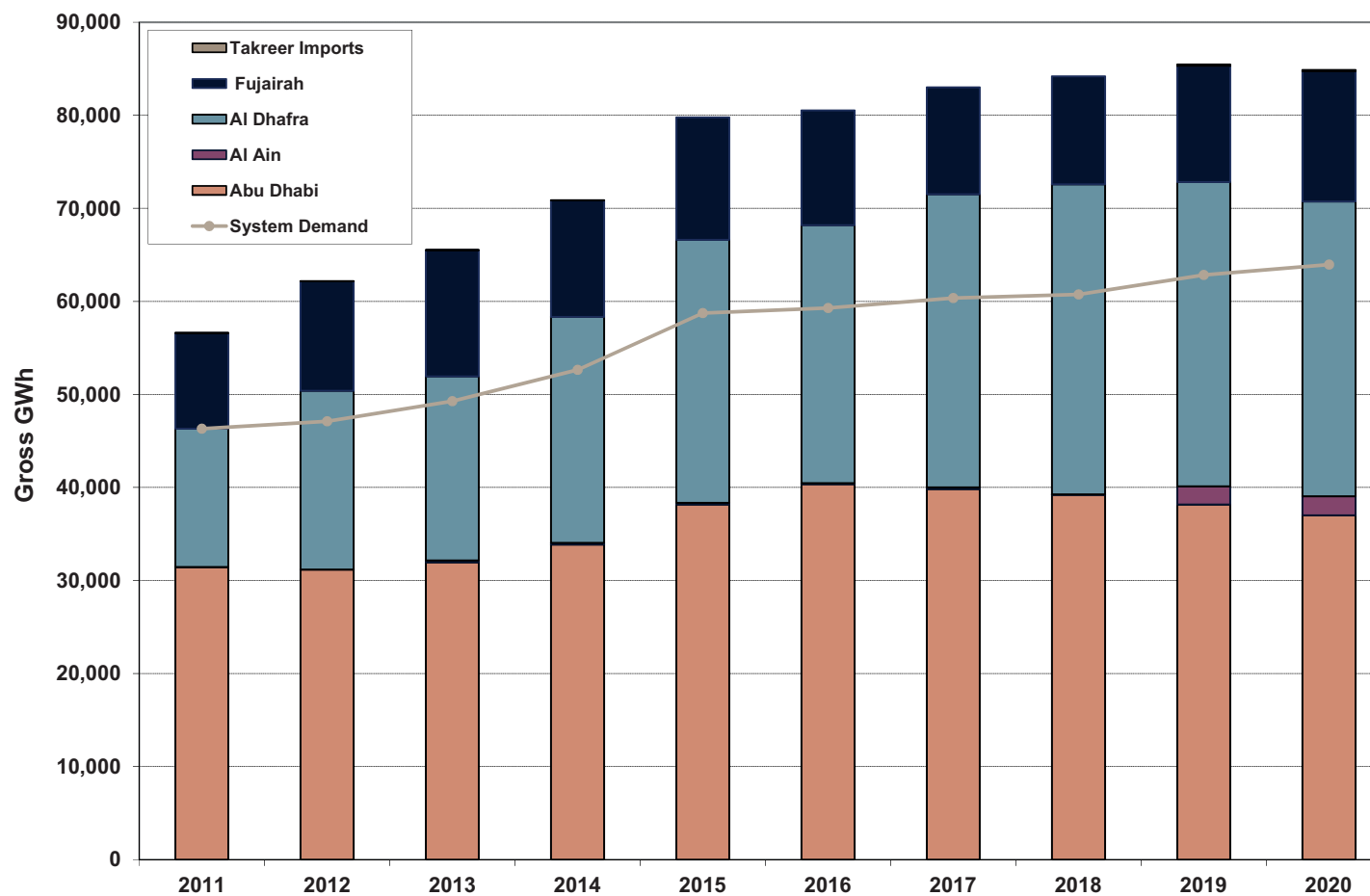
Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Station										
Taweelah B	1,331	1,478	823	1,821	1,601	1,664	1,753	1,776	1,664	1,061
Taweelah B2 Extension	2,034	2,103	1,776	2,151	2,308	2,255	2,242	2,296	2,351	2,219
Taweelah New Extension	6,235	6,490	6,899	6,831	7,732	7,853	7,337	7,474	6,977	7,659
TAPCO Total	9,600	10,070	9,498	10,803	11,641	11,773	11,332	11,546	10,991	10,940
Al Ain			203	178	198	130	179	49	3,919	4
Al Mirfa	714	666	277	29	78					
Madinat Zayed	124	20	90	25	29	39	20	12	651	
AMPC Total	839	686	569	231	305	169	199	61	4,570	4
New Mirfa						75	3,089	5,844	6,369	6,621
MIPCO Total						75	3,089	5,844	6,369	6,621
Shams1			54	243	243	261	257	233	230	252
Masdar PV										15
MASDAR Total			54	243	243	261	257	233	230	267
Taweelah A2	3,672	4,458	4,546	5,162	5,206	4,998	5,161	5,525	5,168	4,786
ECPC Total	3,672	4,458	4,546	5,162	5,206	4,998	5,161	5,525	5,168	4,786
Taweelah A1	7,429	6,850	7,134	7,867	9,620	11,108	10,493	10,339	11,204	10,770
GTPPC Total	7,429	6,850	7,134	7,867	9,620	11,108	10,493	10,339	11,204	10,770
Shuweihat S1	8,790	9,422	9,287	9,344	9,991	10,362	9,399	8,958	9,588	9,695
SCIPCO Total	8,790	9,422	9,287	9,344	9,991	10,362	9,399	8,958	9,588	9,695
Shuweihat S2	5,226	9,090	9,887	8,916	9,747	10,430	10,919	10,404	10,350	9,633
RPC Total	5,226	9,090	9,887	8,916	9,747	10,430	10,919	10,404	10,350	9,633
Shuweihat S3			181	5,740	8,183	6,545	10,919	7,877	6,158	3,699
SAPCO Total			181	5,740	8,183	6,545	10,919	7,877	6,158	3,699

الإنتاج السنوي للكهرباء (ميجاوات ساعة) (تابع)

Annual Electricity Generation (Gross GWh) (continued)

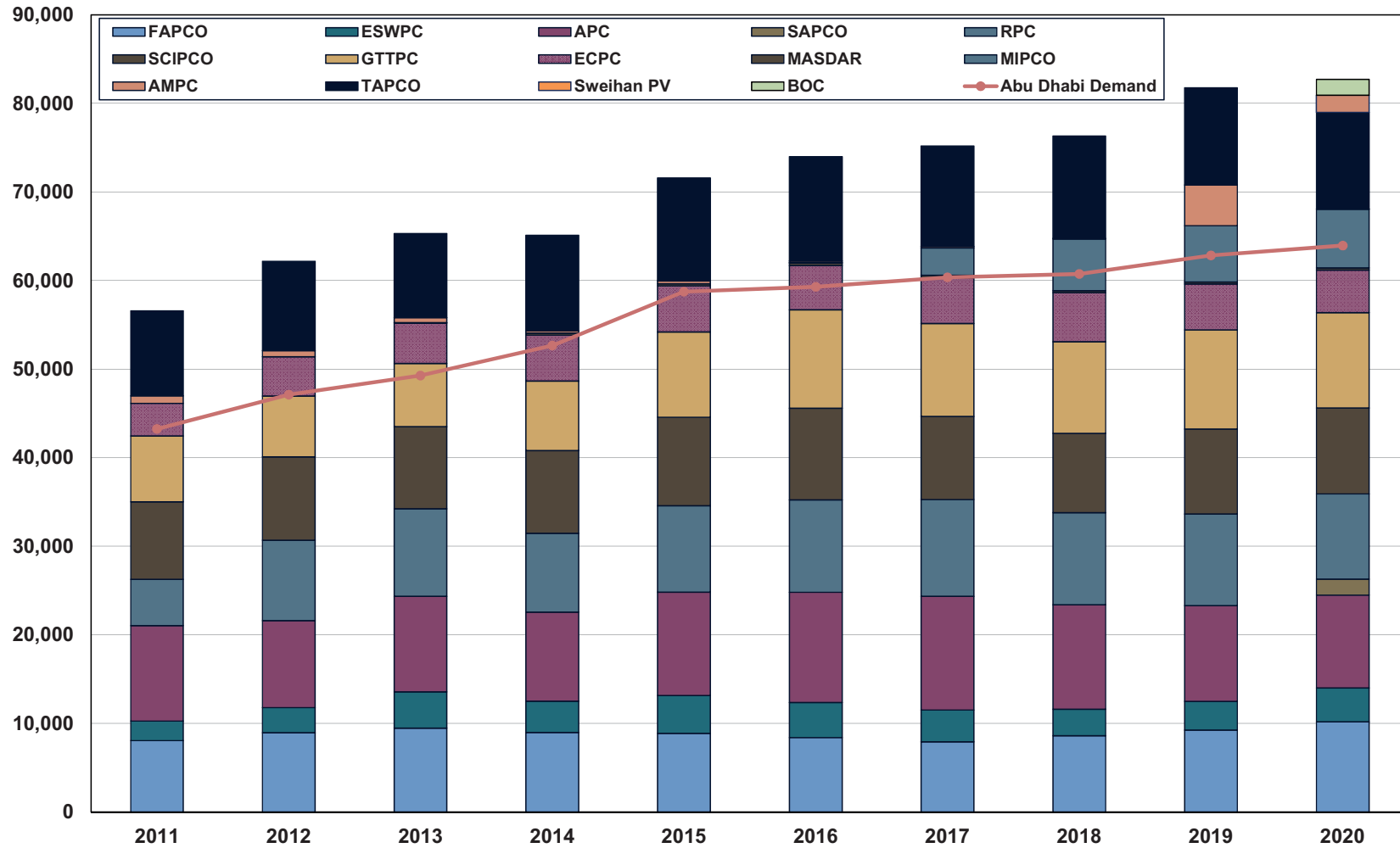
Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Station										
Noor Abu Dhabi									1,918	2,043
SWEIHAN PV Total									1,918	2,043
BNPP										1,791
BOC										1,791
Umm Al Nar East	344	44	136	61	238	91	30	25	3	2
Umm Al Nar West	1,685	1,445	1,605	1,200	1,547	1,318	1,428	602	116	73
Sas Al Nakhl	8,728	8,312	9,039	8,775	9,906	11,053	11,391	11,172	10,689	10,414
APC Total	10,757	9,801	10,780	10,036	11,691	12,462	12,850	11,798	10,807	10,489
EWEC SYSTEM Total	46,314	50,378	51,702	52,359	58,201	61,302	60,352	64,709	72,830	70,737
Net Imports from EMAL	-6	-2	26	11	-24	-9	-2	44	-121	-29
Net Imports from (ENG) to Abu Dhabi	-4,149	-4,698	1	-5,494	-7	-8	-9	-9	-8	-7
Net Imports from (ENG)	-12,210	-13,594	-14,781	-16,809	-19,616	-20,179	-21,067	-21,801	-20,790	-19,244
Net Imports from Takreer	53	2,828	1,631	687					156	143
Net Imports from GCC	-20,084	-34,087	-15,425	-27,519	-14,655	635	102	-27	-12	509
Total Net Imports	-12,184	-13,627	-14,769	-16,824	-19,616	-19,554	-20,966	-21,785	-20,776	-18,621
Qidfa Auxiliary	1,148	1,423	1,457	1,376	1,418	1,687	1,677	1,644	1,713	2,166
Abu Dhabi Demand	43,245	47,115	49,267	52,646	58,736	59,286	60,363	60,753	62,837	63,952
ESWPC	2,198	2,853	4,097	3,541	4,263	3,940	3,577	3,004	3,248	3,842
FAPCO	8,064	8,934	9,458	8,963	8,880	8,404	7,924	8,592	9,241	10,161
Global Generation	56,576	62,165	65,492	70,847	71,344	80,527	83,006	84,182	85,319	84,740
Global Energy Demand	56,603	62,132	65,505	70,831	56,665	81,077	83,106	84,199	85,341	85,362
Global Energy Demand including GCC	56,623	62,166	65,520	70,858	71,319	81,280	82,925	84,237	85,345	84,853

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	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Fossils Fuels	56,576	62,165	65,439	70,604	79,526	80,266	82,748	83,949	83,171	80,639
Nuclear										1,791
Solar PV									1,918	2,058
CSP			54	243	243	261	257	233	230	252
Total	56,576	62,165	65,492	70,847	79,769	80,527	83,006	84,182	85,319	84,740

نسبة توليد الطاقة حسب نوع المولدات

Energy Generation by Type of Generator (Percent)

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Fossil Fuels	100.0%	100.0%	99.9%	99.7%	99.7%	99.7%	99.7%	99.7%	97.5%	95.2%
Nuclear	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%
Solar PV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	2.4%
CSP	0.0%	0.0%	0.1%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
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	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Station										
Taweelah B	686	731	643	705	698	653	680	658	595	641
Taweelah B2 Extension	197	215	271	223	204	166	170	164	179	165
Taweelah New Extension	589	603	599	521	562	549	515	570	504	547
TAPCO Total	1,471	1,549	1,513	1,448	1,463	1,368	1,365	1,392	1,279	1,353
Al Ain	4	3	5	5	5	5	5	4	3	3
Al Mirfa	275	268	189	175	160					
Madinat Zayed	2	1,956	2	2	2	2	2	2	2	2
AMPC Total	280	2,227	196	181	167	6	7	5	5	5
Shams 1			20	29	29	30	31	29	26	29
Shams 1 Total			20	29	29	30	31	29	26	29
Taweelah A1	530	501	510	532	538	559	544	541	497	553
GTTPC Total	530	501	510	532	538	559	544	541	497	553
Taweelah A2	409	425	411	438	428	413	423	436	419	419
ECPC Total	409	425	411	438	428	413	423	436	419	419

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

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Station										
Shuweihat S1	874	829	867	848	833	846	785	810	716	876
SCIPCO Total	874	829	867	848	833	846	785	810	716	876
Shuweihat S2	444	625	720	723	753	762	746	728	746	705
RPC Total	444	625	720	723	753	762	746	728	746	705
Shuweihat S3			20	2,257	257	216	256	254	213	164
SAPCO Total			20	2,257	257	216	256	254	213	164
New Mirfa						86	582	594	624	659
MIPCO Total						86	582	594	624	659
BNPP										275
BOC Total										275
Noor Abu Dhabi										27
Sweihan PV Total										27
Umm Al Nar East	168	166	171	161	169	163	132	96	29	7
Umm Al Nar West	336	360	345	334	359	340	342	225	120	90
Sas Al Nakhl	827	822	846	780	1	812	783	828	796	728
APC Total	1,331	1,348	1,361	1,275	528	1,315	1,256	1,149	945	824
EWEC SYSTEM Total	5,339	7,503	5,620	5,699	5,773	5,516	5,995	5,939	5,469	5,888
ESWPC	614	778	850	741	771	854	856	808	829	865
FAPCO		645	607	635	646	631	636	637	656	629
Global Auxiliary Consumption	5,954	6,972	7,077	7,075	7,191	7,001	7,487	7,384	6,953	7,382

كميات الكهرباء المصدرة والمستوردة 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	-121,435	-7,610	-20,782,779	-20,790,389	-89,813	-54,349
2020	-1,147,832	-9,471,215	17,478,236	142,512	-29,390	-6,768	-19,236,816	-19,243,585	131,478	-399,183

كميات الكهرباء المصدرة والمستوردة شهريا (ميجاوات ساعة) 2015 - 2016

Monthly Electricity Exports and Imports (MWh) 2015 - 2016

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													
EMAL	-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

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

كميات الكهرباء المصدرة والمستوردة شهريا (ميجاوات ساعة) 2018 - 2017

Monthly Electricity Exports and Imports (MWh) 2017 - 2018

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

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

كميات الكهرباء المصدرة والمستوردة شهريا (ميجاوات ساعة) 2019 - 2020

Monthly Electricity Exports and Imports (MWh) 2019 - 2020

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

2020													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	24,460	41,009	26,904	347,492	-473,091	61,275	-35,245	-261,689	-264,099	-174,828	-35,684	-404,335	-1,147,832
Al Ain -> Abu Dhabi	-512,201	-554,416	-566,994	-713,761	-1,044,123	-1,170,445	-1,062,191	-944,458	-900,028	-656,450	-468,342	-370,846	-8,964,254
Al Ain -> Al Dhafra	-96,306	-48,711	-124,498	-81,101	-185,769	-272,679	-258,503	-260,058	-251,053	-176,800	-177,528	-145,408	-2,078,413
Al Ain -> Fujairah	206,162	187,454	198,710	93,501	292,203	309,334	151,150	222,018	163,897	66,643	45,353	34,210	1,970,635
Al Ain -> GCC	-2,462	863	1,479	765	-728	-1,839	-84,007	-298,670	-10,909	-5,635	-8,490	10,450	-399,183
Total flow from Al Ain	-404,807	-414,810	-491,302	-700,596	-938,416	-1,135,629	-1,253,551	-1,281,168	-998,093	-772,242	-609,007	-471,594	-9,471,215
Al Dhafra -> Abu Dhabi	812,792	765,269	882,950	794,739	1,282,453	1,924,885	1,923,349	1,860,664	1,632,011	1,190,099	1,151,593	1,047,541	15,268,345
Al Dhafra -> Al Ain	96,306	48,711	124,498	81,101	185,769	272,679	258,503	260,058	251,053	176,800	177,528	145,408	2,078,413
Al Dhafra -> GCC	-1,397	-1,934	-4,397	-3,206	-2,471	-3,147	-5,349	69,966	74,284	-7,433	7,335	9,225	131,478
Total flow from Al Dhafra	907,701	812,046	1,003,051	872,634	1,465,751	2,194,417	2,176,503	2,190,688	1,957,348	1,359,466	1,336,456	1,202,174	17,478,236
Takreer	159	101	137	172	212	274	69,114		69,490	2,029	749	75	142,512
EMAL	-148,495	-140,436	-150,228	-53	31	51	207,991	205,080	25,894	-104	-262	-28,859	-29,390
Other Emirates -> Abu Dhabi	-444	-409	-447	-419	-761	-844	-742	-771	-635	-327	-677	-292	-6,768
Other Emirates -> Fujairah	-956,795	-966,065	-1,190,939	-1,397,386	-759,815	-2,365,665	-2,692,605	-2,657,816	-2,148,456	-1,702,547	-1,361,716	-1,037,012	-19,236,816
Other Emirates	-957,239	-966,474	-1,191,386	-1,397,805	-760,576	-2,366,510	-2,693,347	-2,658,587	-2,149,091	-1,702,874	-1,362,393	-1,037,304	-19,243,585

الأحمال القصوى الأسبوعية للشبكة (ميجاوات) 1999 - 2020

System Weekly Electricity Peak Demand (MW) 1999 - 2020

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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	5,947
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	5,976
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	5,709
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	5,678
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	5,678
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	5,776
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	5,802
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	6,087
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	6,581
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	6,136
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	6,072
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	6,681
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	6,513
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	6,795
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	7,532
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	7,459
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	7,676
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	8,538
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	8,400
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	8,472
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	8,781
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	9,806
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	10,165
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	10,372
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	10,389
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	10,424

الأحمال القصوى الأسبوعية للشبكة (ميجاوات) 1999 - 2020 (تابع)

System Weekly Electricity Peak Demand (MW) 1999 - 2020 (continued)

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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	10,739
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	10,776
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	11,187
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	11,757
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	10,975
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	11,272
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	11,237
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	11,339
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	10,985
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	10,738
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	10,310
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	10,137
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	9,794
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	9,521
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	9,457
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	8,865
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	7,722
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	7,472
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	7,397
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	7,662
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	7,120
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	6,765
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	6,615
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	6,678
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	6,122
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	5,966

الأحمال القصوى الأسبوعية للشبكة (نسبة مئوية من الذروة) 1999 - 2020

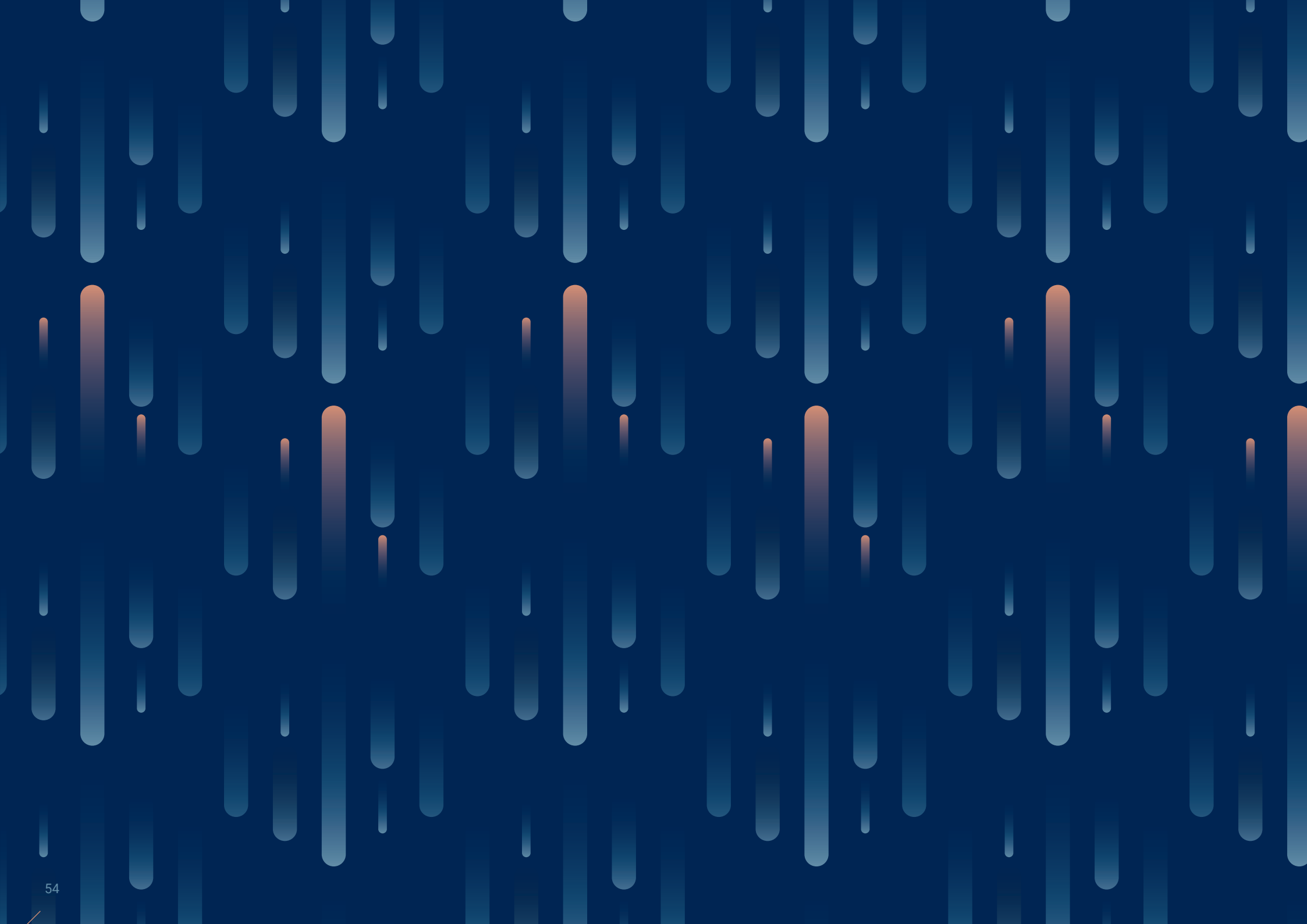
System Weekly Electricity Peak (Percentage of Annual Peak) 1999 - 2020

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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%	50.6%
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%	50.8%
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%	48.6%
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%	48.3%
5	46.3%	52.0%	45.7%	46.5%	49.9%	49.2%	48.2%	48.3%	47.0%	46.4%	45.3%	51.8%	50.3%	51.9%	52.4%	51.5%	51.9%	50.2%	53.2%	50.9%	54.0%	48.3%
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%	49.1%
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%	49.3%
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%	51.8%
9	52.0%	56.4%	48.6%	55.3%	58.1%	54.4%	52.8%	50.1%	50.1%	50.9%	58.6%	53.8%	56.6%	54.3%	56.0%	54.3%	53.4%	55.2%	52.0%	52.0%	54.8%	56.0%
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%	52.2%
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%	51.6%
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%	56.8%
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%	55.4%
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%	57.8%
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%	64.1%
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%	63.4%
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%	65.3%
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%	72.6%
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%	71.4%
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%	72.1%
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%	74.7%
22	84.3%	90.1%	85.6%	90.5%	86.8%	88.7%	91.8%	92.4%	91.1%	91.6%	92.3%	92.2%	90.7%	86.6%	89.4%	95.7%	94.6%	84.5%	87.4%	87.5%	87.2%	83.4%
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%	86.5%
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%	88.2%
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%	88.4%
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%	88.7%

الأحمال القصوى الأسبوعية للشبكة (نسبة مئوية من الذروة) 1999 - 2020 (تابع)

System Weekly Electricity Peak
(Percentage of Annual Peak) 1999 - 2020 (continued)

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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%	91.3%
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%	91.7%
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%	95.2%
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%	100.0%
31	92.8%	96.9%	97.9%	96.0%	97.4%	98.5%	100.0%	99.3%	96.5%	97.5%	96.4%	96.8%	98.1%	99.2%	97.3%	97.7%	94.5%	97.8%	100.0%	96.4%	97.3%	93.3%
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%	95.9%
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%	95.6%
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%	96.4%
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%	93.4%
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%	91.3%
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%	87.7%
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%	86.2%
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%	83.3%
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%	81.0%
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%	80.4%
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%	75.4%
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%	65.7%
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%	63.6%
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%	62.9%
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%	65.2%
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%	60.6%
48	65.6%	62.8%	57.5%	57.4%	59.1%	65.3%	66.0%	59.2%	64.0%	62.4%	62.2%	59.8%	60.3%	64.7%	58.9%	66.0%	60.0%	61.0%	59.9%	63.7%	58.5%	57.5%
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%	56.3%
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%	56.8%
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%	52.1%
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%	50.7%



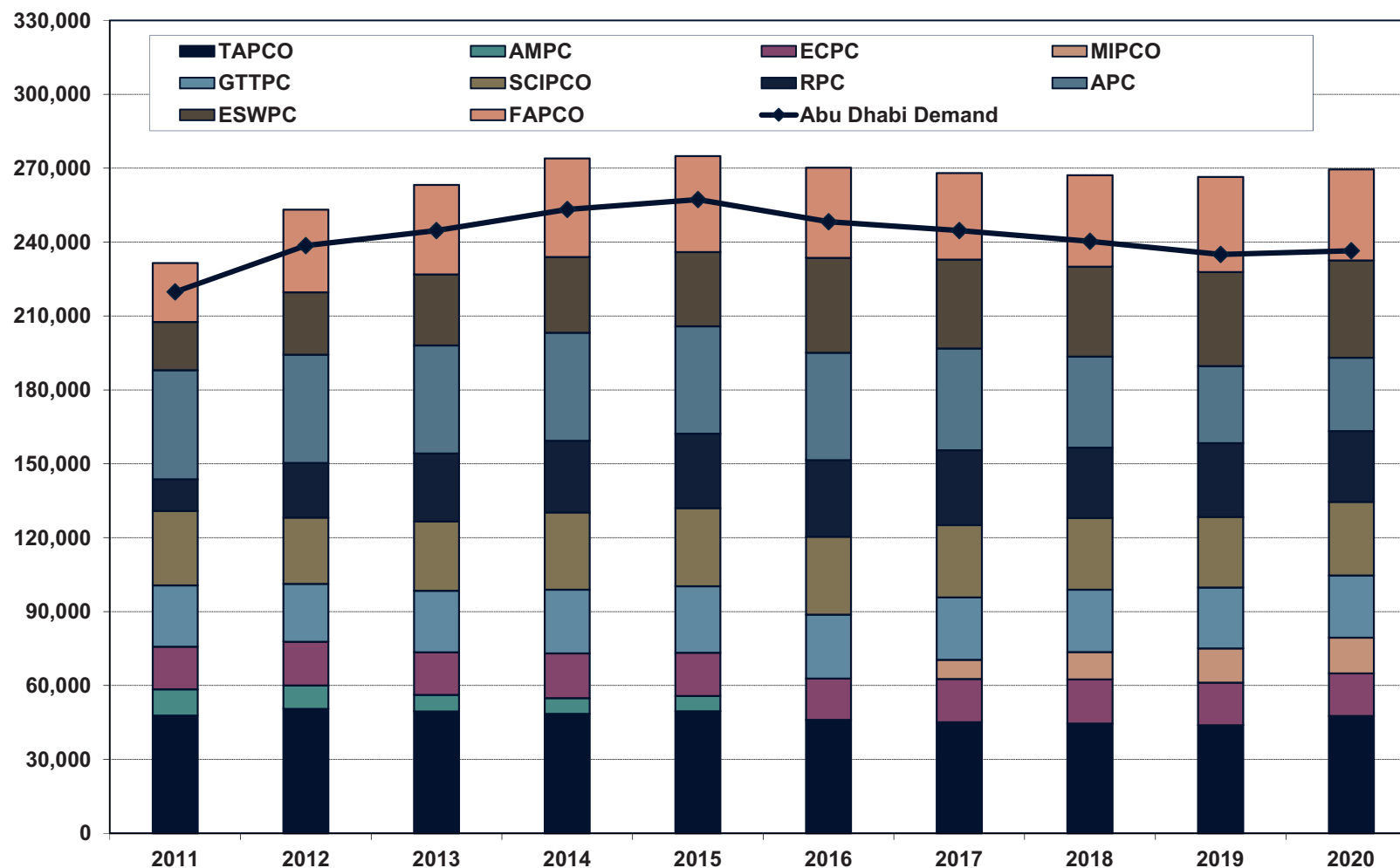
إحصائيات المياه

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الإنتاج السنوي للمياه حسب الشركة (مليون جالون)

Water Annual Production by Company (MG)



الإنتاج السنوي حسب المحطات (مليون جالون) 2011 - 2020

Annual Water Production by Station (MG) 2011-2020

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Station										
Taweelah B	19,743	22,019	21,345	21,864	21,854	18,034	19,181	18,912	18,491	20,081
Taweelah B2 Extension	7,122	7,167	6,336	6,733	6,347	6,457	6,283	6,443	6,629	6,599
Taweelah New Extension	20,895	21,308	21,768	19,882	21,381	21,588	19,631	19,237	18,785	20,927
TAPCO Total	47,760	50,494	49,449	48,478	49,582	46,080	45,095	44,592	43,905	47,606
Al Mirfa	10,732	9,565	6,765	6,425	6,202					
AMPC Total	10,732	9,565	6,765	6,425	6,202					
New Mirfa							7,775	11,041	13,832	14,521
MIPCO Total							7,775	11,041	13,832	14,521
Taweelah A2	17,223	17,700	17,249	18,164	17,564	16,746	17,544	17,920	17,300	17,292
ECPC Total	17,223	17,700	17,249	18,164	17,564	16,746	17,544	17,920	17,300	17,292
Taweelah A1	24,941	23,505	24,994	25,807	26,969	25,974	25,372	25,322	24,779	25,270
GTPC Total	24,941	23,505	24,994	25,807	26,969	25,974	25,372	25,322	24,779	25,270
Shuweihat S1	30,239	26,894	28,121	31,371	31,725	31,587	29,339	29,123	28,628	29,815
SCIPCO Total	30,239	26,894	28,121	31,371	31,725	31,587	29,339	29,123	28,628	29,815

الإنتاج السنوي حسب المحطات (مليون جالون) 2011 - 2020 (تابع)
Annual Water Production by Station (MG) 2011-2020 (continued)

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Station										
Shuweihat S2	12,776	22,216	27,587	29,085	30,160	31,113	30,380	28,558	29,915	28,788
RPC Total	12,776	22,216	27,587	29,085	30,160	31,113	30,380	28,558	29,915	28,788
Umm Al Nar East	6,308	5,765	6,247	5,599	5,654	5,640	4,239	2,600	763	
Umm Al Nar West	7,507	8,691	7,613	8,452	7,781	6,754	6,304	3,857	792	
Sas Al Nakhl	30,497	29,491	30,023	29,858	30,181	31,166	30,800	30,454	29,746	29,778
APC Total	44,312	43,947	43,883	43,908	43,616	43,560	41,342	36,911	31,302	29,778
EWEC SYSTEM Total	187,982	194,321	198,048	203,238	205,818	195,060	196,848	193,466	189,660	193,070
Fujairah IWPP(s) Exports to Abu Dhabi	31,806	44,284	46,619	50,026	51,444	53,243	47,815	46,835	45,360	43,436
Abu Dhabi Demand	219,789	238,605	244,668	253,264	257,262	248,304	244,664	240,301	235,020	236,507
ESWPC	19,584	25,331	28,864	30,676	30,165	38,539	36,095	36,533	38,183	39,458
FAPCO	23,971	33,538	36,289	40,046	38,893	36,642	35,061	37,108	38,613	36,946
Global Production	231,538	253,190	263,202	273,960	274,875	270,241	268,004	267,107	266,456	269,475

الإنتاج السنوي للمياه حسب المناطق (مليون جالون)

Annual Water Production by Region (MG)

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Abu Dhabi	134,236	135,646	135,575	136,358	137,731	132,360	129,353	124,745	117,286	119,946
Al Dhafra	53,746	58,675	62,474	66,881	68,087	62,700	67,495	68,721	72,374	73,124
Fujairah IWPP(s) Exports to Abu Dhabi	31,806	44,284	46,619	50,026	51,444	53,243	47,815	46,835	45,360	43,436
Abu Dhabi Production + Imports	219,789	238,605	244,668	253,264	257,262	248,304	244,664	240,301	235,020	236,507
Exports to Al Ain	57,360	63,334	65,153	67,958	68,949	64,882	64,120	63,749	62,831	0
Fujairah IWPP(s) Production	43,556	58,869	65,153	70,722	69,923	75,181	71,156	73,641	76,797	76,405
Global Production	231,538	253,190	263,202	273,960	274,875	270,241	268,004	267,107	266,456	269,475

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

Annual Average Daily Water Production by Region (MGD)

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Abu Dhabi	368	371	371	374	377	362	353	341	320	328
Al Dhafra	147	160	171	183	187	171	184	188	198	200
Fujairah IWPP(s) Exports to Abu Dhabi	87	121	128	137	141	145	131	128	124	119
Abu Dhabi Production + Imports	602	652	670	694	705	680	670	658	644	648
Exports to Al Ain	157	173	179	186	189	177	175	174	172	0
Fujairah IWPP(s) Production	119	161	179	194	189	205	194	201	210	209
Global Production	634	692	721	751	753	738	734	732	730	738

الإنتاج الشهري للمياه حسب المناطق (مليون جالون) 2015 - 2017

Monthly Water Production by Region (MG) 2015 - 2017

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	21,656	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
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

الإنتاج الشهري للمياه حسب المناطق (مليون جالون) 2018 - 2020

Monthly Water Production by Region (MG) 2018 - 2020

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
2020													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	8,647	9,196	9,872	9,433	10,630	10,569	11,092	10,951	10,460	10,210	9,553	9,334	119,946
Al Dhafra	5,823	5,396	5,885	5,846	6,303	6,393	6,416	6,533	6,285	6,351	6,086	5,807	73,124
Fujairah IWPP(s) Exports to Abu Dhabi	2,786	2,301	2,732	3,538	3,664	4,272	4,418	4,297	4,185	4,354	3,181	3,708	43,436
Abu Dhabi Production + Imports	17,256	16,893	18,489	18,817	20,597	21,234	21,926	21,781	20,930	20,916	18,820	18,849	236,507
Exports to Al Ain	4,400	4,423	4,920	5,116	5,705	5,783	5,999	5,954	5,757	5,684	4,906	5,117	63,763
Fujairah IWPP(s) Production	5,243	4,649	5,357	6,236	6,619	7,149	7,591	7,384	7,039	7,135	5,601	6,401	76,405
Global Production	19,712	19,241	21,115	21,515	23,552	24,110	25,099	24,868	23,785	23,696	21,240	21,542	269,475

كميات المياه المصدرة سنويا حسب الشركات (مليون جالون) 2011 - 2020

Annual Water Supply by Company (MG) 2011 - 2020

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Station										
TAPCO	47,142	49,912	48,831	48,478	49,582	45,424	44,228	43,879	43,146	46,675
MIPCO							7,747	10,726	13,575	14,261
AMPC	10,374	9,187	6,496	6,425	6,202					
ECPC	17,208	17,683	17,103	18,164	17,564	17,544	16,746	17,802	17,164	17,156
GTTPC	24,888	23,454	24,941	25,807	26,969	25,372	25,974	25,505	24,433	24,883
SCIPCO	29,938	26,543	27,690	31,371	31,725	29,339	31,587	28,991	28,391	29,334
RPC	9,096	21,857	26,977	29,085	30,160	30,380	31,113	28,018	29,035	27,934
APC	43,594	43,105	43,040	43,908	43,616	41,342	43,560	36,225	30,838	29,342
EWEC System Total	182,240	191,741	195,078	203,238	205,818	190,058	194,075	191,147	186,582	189,586
Fujairah IWPP(s) Exports to Abu Dhabi	31,806	44,284	46,619	50,056	51,444	53,243	47,815	46,835	45,360	43,436
Abu Dhabi Supply + Imports	214,046	236,025	241,697	253,294	257,262	245,246	242,259	237,982	231,942	233,022
Export to Al Ain	57,360	63,334	65,123	67,958	68,949	64,882	64,120	63,749	62,831	63,763
ESWPC	19,338	25,024	28,612	30,676	30,165	38,539	36,095	36,168	37,399	38,939
FAPCO	23,647	33,083	35,921	40,046	38,893	36,642	35,061	36,629	38,049	36,478
Global Supply	225,225	249,848	259,611	269,588	270,094	265,285	265,639	263,945	262,029	265,003

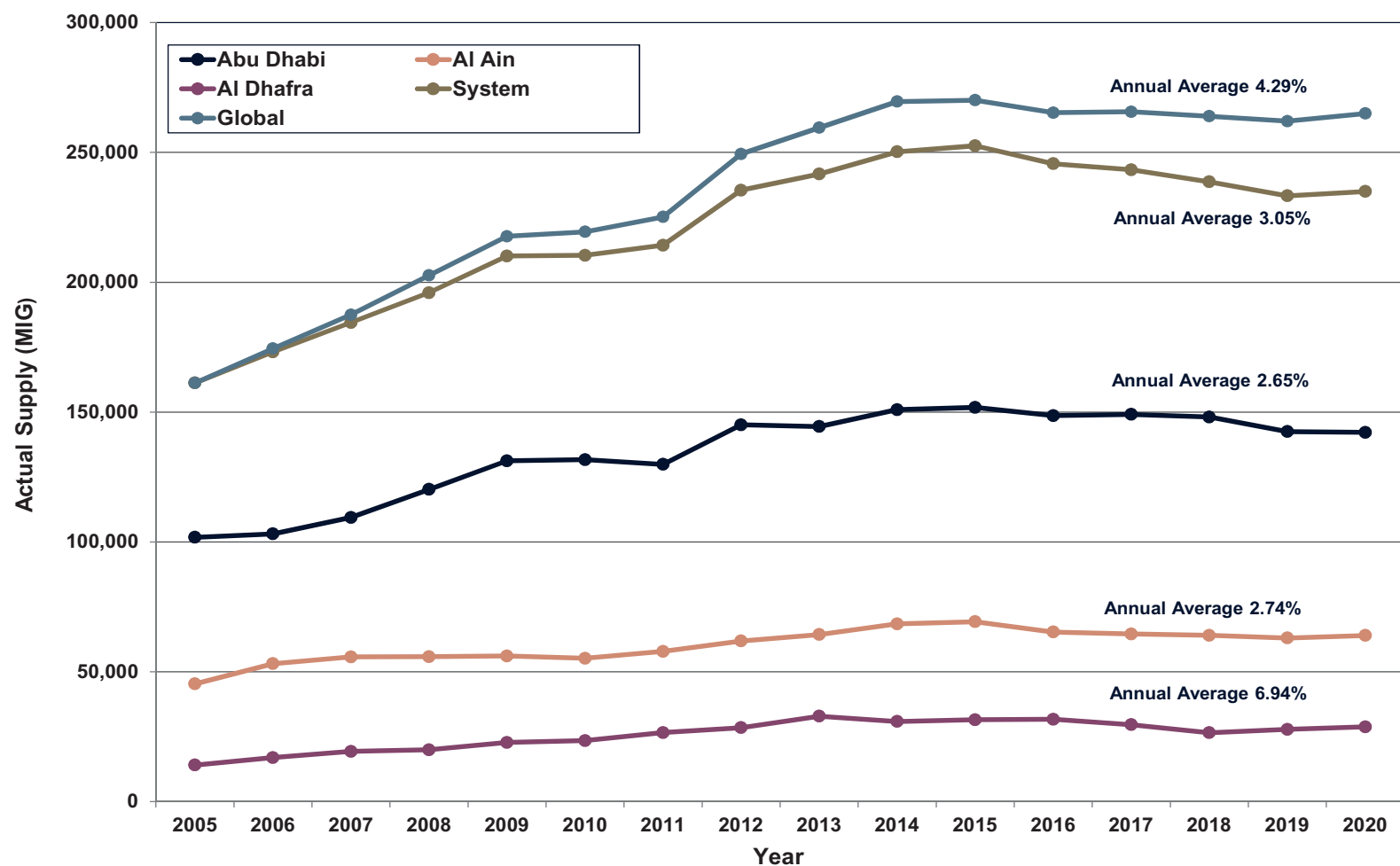
كميات المياه المصدرة سنويا حسب المناطق (مليون جالون) 2005 - 2020

Annual Water Supply by Region (MG) 2005 - 2020

Year	Abu Dhabi	Al Ain	Al Dhafra	System	Exports to NE	Global
2005	101,768	45,343	14,097	161,208		161,208
2006	103,104	53,120	16,964	173,188	1,273	174,461
2007	109,425	55,706	19,357	184,488	2,995	187,483
2008	120,229	55,798	19,958	195,984	6,642	202,626
2009	131,238	56,081	22,801	210,121	7,559	217,680
2010	131,690	55,204	23,478	210,373	9,050	219,423
2011	129,869	57,831	26,569	214,269	10,881	225,150
2012	145,095	61,859	28,471	235,424	13,960	249,385
2013	144,440	64,340	32,901	241,681	17,846	259,526
2014	150,935	68,447	30,855	250,238	19,350	269,588
2015	151,796	69,261	31,505	252,562	17,532	270,094
2016	148,641	65,304	31,717	245,662	19,623	265,285
2017	149,121	64,547	29,635	243,302	22,337	265,639
2018	148,083	64,033	26,533	238,650	25,295	263,945
2019	142,481	63,013	27,801	233,295	28,734	262,029
2020	142,205	63,981	28,771	234,958	30,045	265,003

كميات المياه المصدرة سنويا حسب المناطق (مليون جالون) 2005 - 2020

Annual Water Supply by Region (MG) 2005 - 2020



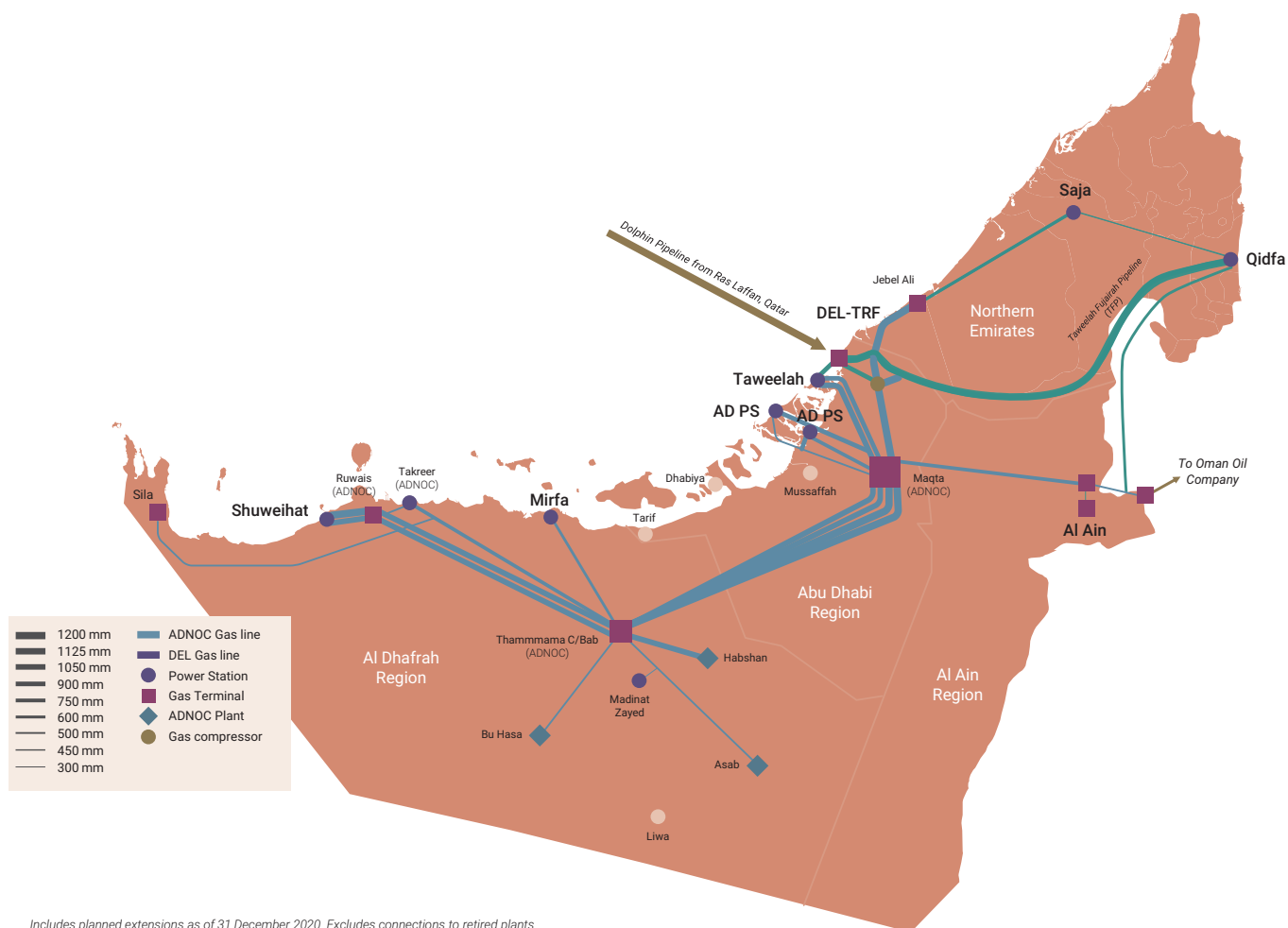
إحصائيات الوقود

Fuel Statistics

68	Main Gas Supply Network (end 2021) Excluding Connections to Retired Plants	68	التوسيع المتوقع في شبكة إمداد الغاز حتى عام 2021 باستثناء المحطات التي أوقفت
69	Fuel Consumption by Company (BBTu)	69	الوقود المستهلك سنوياً حسب الشركات (مليون وحدة حرارية بريطانية)
70	Annual Fuel Consumption by Fuel Type (BBTu)	70	الوقود المستهلك سنوياً حسب نوع الوقود (مليون وحدة حرارية بريطانية)
71	Annual Fuel Consumption by Station (BBTu) 2011 - 2020	71	الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب المحطات 2010 - 2019
74	Annual Fuel Consumption by Fuel Type (BBTu)	74	الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب نوع الوقود
74	Percentage Annual Fuel Consumption	74	النسب المئوية لأنواع الوقود المستهلكة سنوياً

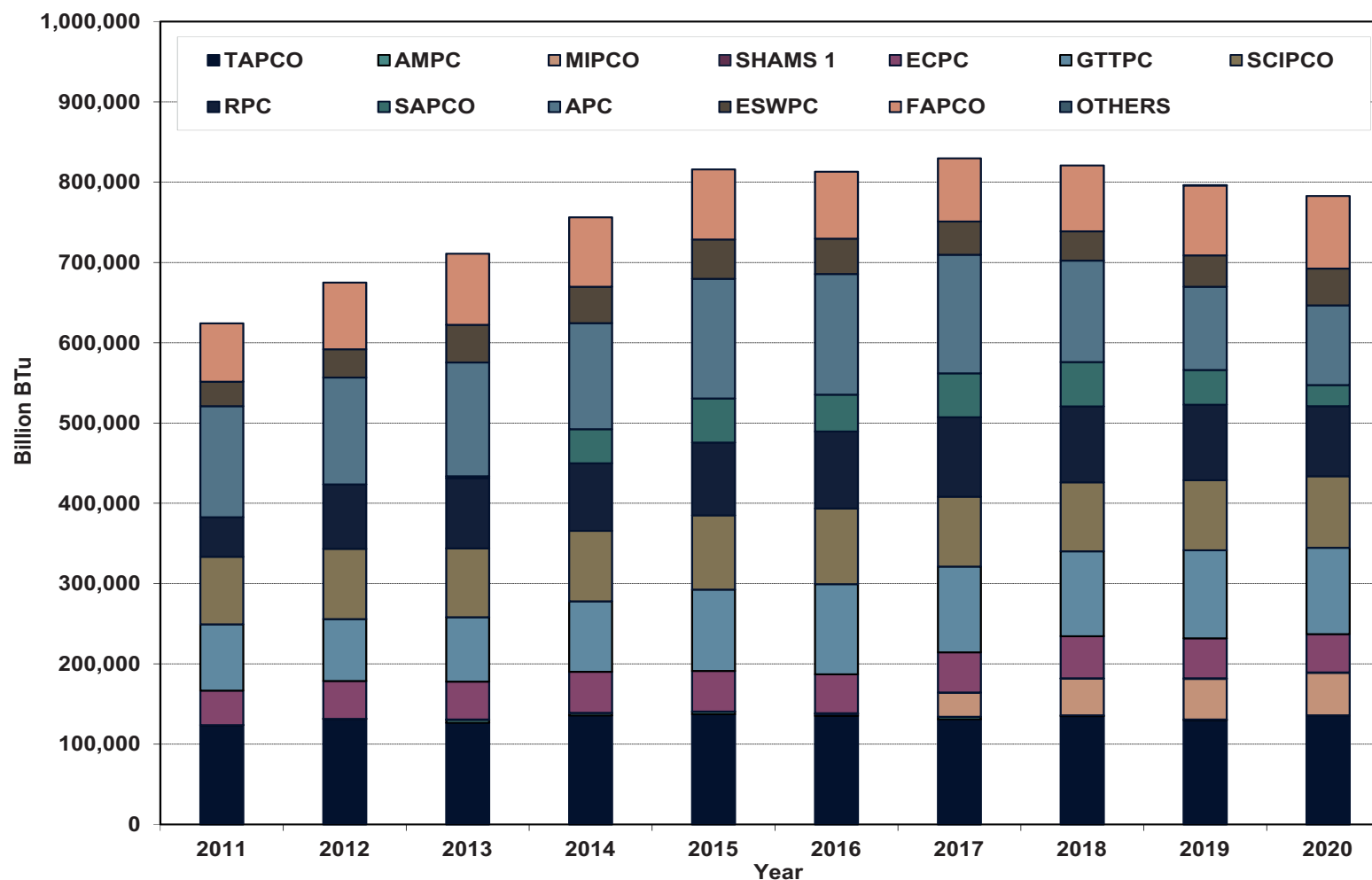
التوسع المتوقع في شبكة إمداد الغاز حتى عام 2021 باستثناء المحطات خارج الخدمة

Main Gas Supply Network (end 2021) Excluding Connections to Retired Plants



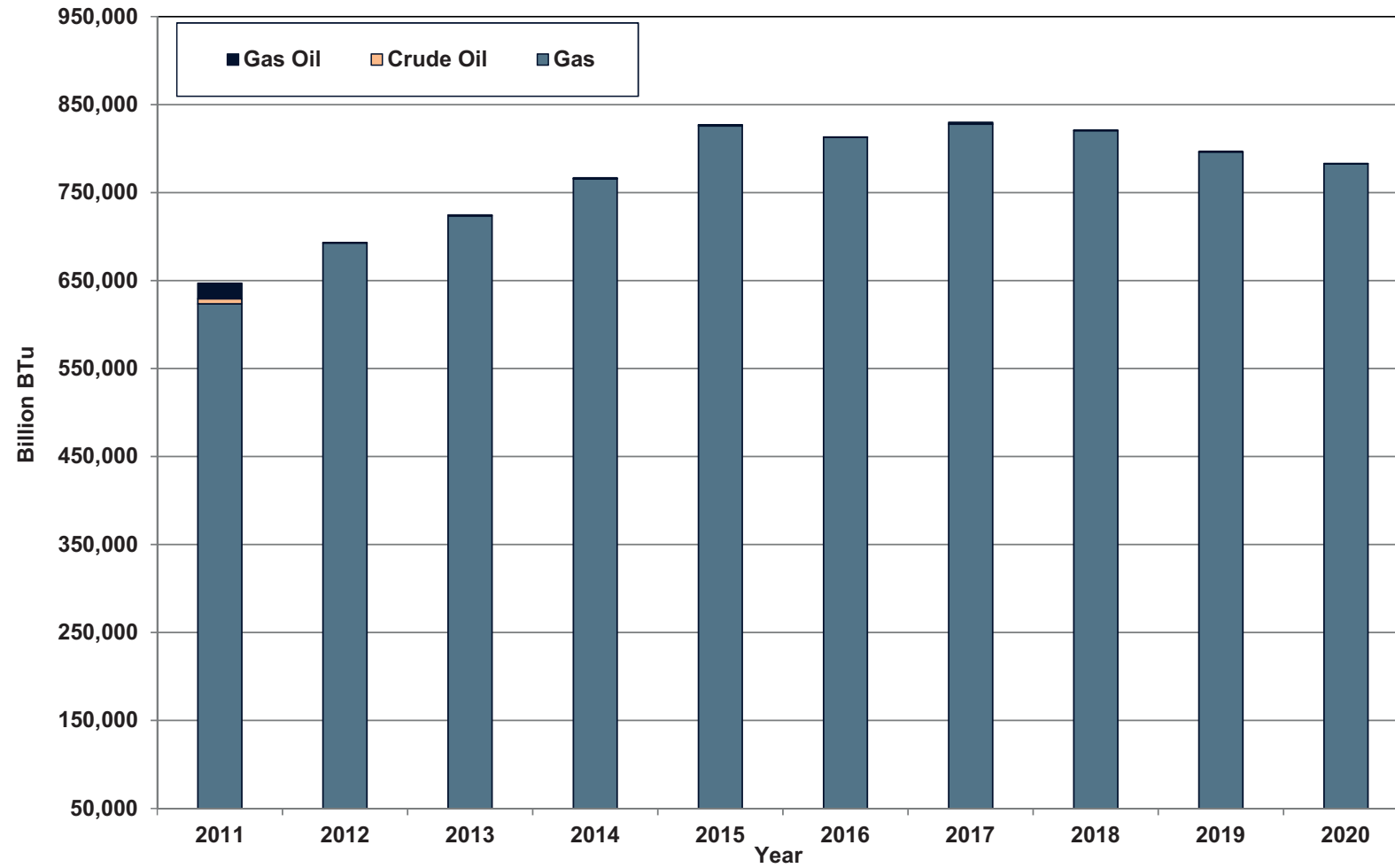
الوقود المستهلك سنوياً حسب الشركات (مليون وحدة حرارية بريطانية)

Fuel Consumption by Company (BBTu)



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

Annual Fuel Consumption by Fuel Type (BBTu)



الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب المحطات 2011 - 2020

Annual Fuel Consumption by Station (BBTu) 2011 - 2020

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Station										
Taweelah B										
Gas	38,367	44,420	39,455	48,319	44,589	42,000	43,770	44,532	41,939	41,857
Crude Oil	1,759			1	984	110				
Gas Oil						25	6	8	3	6
Total	40,127	44,421	39,455	48,320	45,573	42,135	43,775	44,539	41,942	41,864
Taweelah B2 Extension										
Gas	23,765	24,642	21,827	24,725	24,573	24,622	23,864	25,113	26,274	25,425
Gas Oil	210	14	5	3	2	6	8	2	29	12
Total	23,975	24,656	21,832	24,728	24,575	24,629	23,873	25,115	26,303	25,437
Taweelah New Extension										
Gas	57,625	62,549	65,359	62,701	67,157	68,323	63,392	65,330	61,836	68,634
Gas Oil	1,979	16	20	40		6	53	44		
Total	59,604	62,565	65,379	62,740	67,157	68,329	63,445	65,374	61,836	68,634
TAPCO Total	123,706	131,641	126,666	135,788	137,305	135,093	131,093	135,028	130,081	135,935
Al Mirfa										
Gas	20,976	17,857	12,293	10,239	10,499					
Gas Oil	148	2	1	2						
Total	21,124	17,859	12,294	10,240	10,499					
Madinat Zayed										
Gas	1,623	292	1,183	341	394	526	237	149	88	
Gas Oil		1								
Total	1,623	292	1,183	341	394	526	237	150	88	
Al Ain										
Gas			3,652	2,805	3,071	1,980	2,714	725	632	63
Gas Oil	8	4	12	2	1	1				
Total	8	4	3,664	2,808	3,072	1,981	2,714	725	632	63
AMPC Total	22,755	18,155	17,141	13,390	13,966	2,507	2,951	874	720	64

الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب المحطات 2011 - 2020 (تابع)

Annual Fuel Consumption by Station (BBTu) 2011 - 2020 (continued)

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Station										
New Mirfa										
Gas						545	28,103	45,599	50,590	52,769
Gas Oil							1,703	5	5	9
MIPCO Total						545	29,806	45,603	50,595	52,778
Shams 1										
Gas			414	511	378	437	532	596	586	600
Gas Oil			27	0	16	0	0	0	0	0
SHAMS 1 Total			442	511	394	437	532	596	586	600
Taweelah A2										
Gas	42,176	46,929	47,021	51,119	50,371	48,339	49,887	52,432	49,755	47,671
Gas Oil	915	40	9	0	8	10	15	6	24	16
ECPC Total	43,092	46,970	47,030	51,119	50,379	48,349	49,902	52,438	49,779	47,687
Taweelah A1										
Gas	81,305	77,059	80,244	87,578	101,282	112,166	106,791	105,525	109,787	107,659
Gas Oil	1,053	54	26	13	31	86	63	13	8	8
GTTPC Total	82,358	77,114	80,270	87,592	101,313	112,252	106,854	105,538	109,795	107,667
Shuweihat (S1)										
Gas	82,740	87,497	85,708	87,892	92,421	94,319	87,077	86,088	87,189	88,985
Gas Oil	1,441	29	16	10	23	26	64	63	39	27
SCIPCO Total	84,181	87,525	85,724	87,903	92,444	94,345	87,141	86,150	87,228	89,013
Shuweihat (S2)										
Gas	47,782	80,378	87,524	84,064	90,725	95,866	98,787	94,412	94,049	87,324
Gas Oil	1,521	28	23	38	34	27	36	24	38	11
RPC Total	49,303	80,406	87,546	84,102	90,760	95,893	98,823	94,435	94,087	87,335
Shuweihat (S3)										
Gas			1,643	41,607	54,914	45,859	54,859	55,288	43,268	26,264
Gas Oil			709	954		16	15	29	19	10
SAPCO Total			2,352	42,560	54,914	45,874	54,874	55,317	43,286	26,274

الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب المحطات 2011 - 2020 (تابع)

Annual Fuel Consumption by Station (BBTu) 2011 - 2020 (continued)

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Station										
Umm Al Nar East										
Gas	15,354	11,934	14,558	11,613	15,541	13,824	10,331	6,630	1,670	46
Gas Oil	2	5	4	3	4	2				
Total	15,356	11,939	14,562	11,616	15,545	13,825	10,332	6,630	1,670	46
Umm Al Nar West										
Gas	31,229	36,827	35,930	32,503	36,746	31,497	31,296	16,525	3,318	1,307
Crude Oil	4,302									
Total	35,531	36,827	35,930	32,503	36,746	31,497	31,296	16,525	3,318	1,307
Sas Al Nakhl										
Gas	85,171	84,115	91,095	87,846	96,707	105,042	105,931	103,236	98,713	97,868
Gas Oil	2,189	17	36	44	15	20	19	13		1
Total	87,360	84,133	91,131	87,890	96,722	105,062	105,950	103,249	98,713	97,869
APC Total	107,018	132,898	141,624	132,008	149,013	150,384	147,578	126,404	103,701	99,222
EWEC SYSTEM Total	512,414	574,709	588,794	634,974	681,153	685,680	709,553	702,384	669,859	646,573
ESWPC										
Gas	26,899	35,141	46,899	45,408	49,030	43,993	41,331	36,411	39,015	45,792
Gas Oil	3,571	65	5	7	3	4	2	7	8	4
ESWPC Total	30,469	35,206	46,904	45,415	49,033	43,997	41,333	36,418	39,023	45,796
FAPCO										
Gas	68,347	82,918	88,689	86,289	87,348	83,361	78,803	81,861	87,038	90,375
Gas Oil	4,533	308	95	89	12	45	61	87	6	12
FAPCO Total	72,880	83,226	88,785	86,379	87,360	83,406	78,865	81,949	87,045	90,387
Others										
Gas									362	
Gas Oil										
Others Total									362	
Global Total	615,763	693,140	724,483	766,767	817,546	813,083	829,751	820,751	796,289	782,756

الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب نوع الوقود

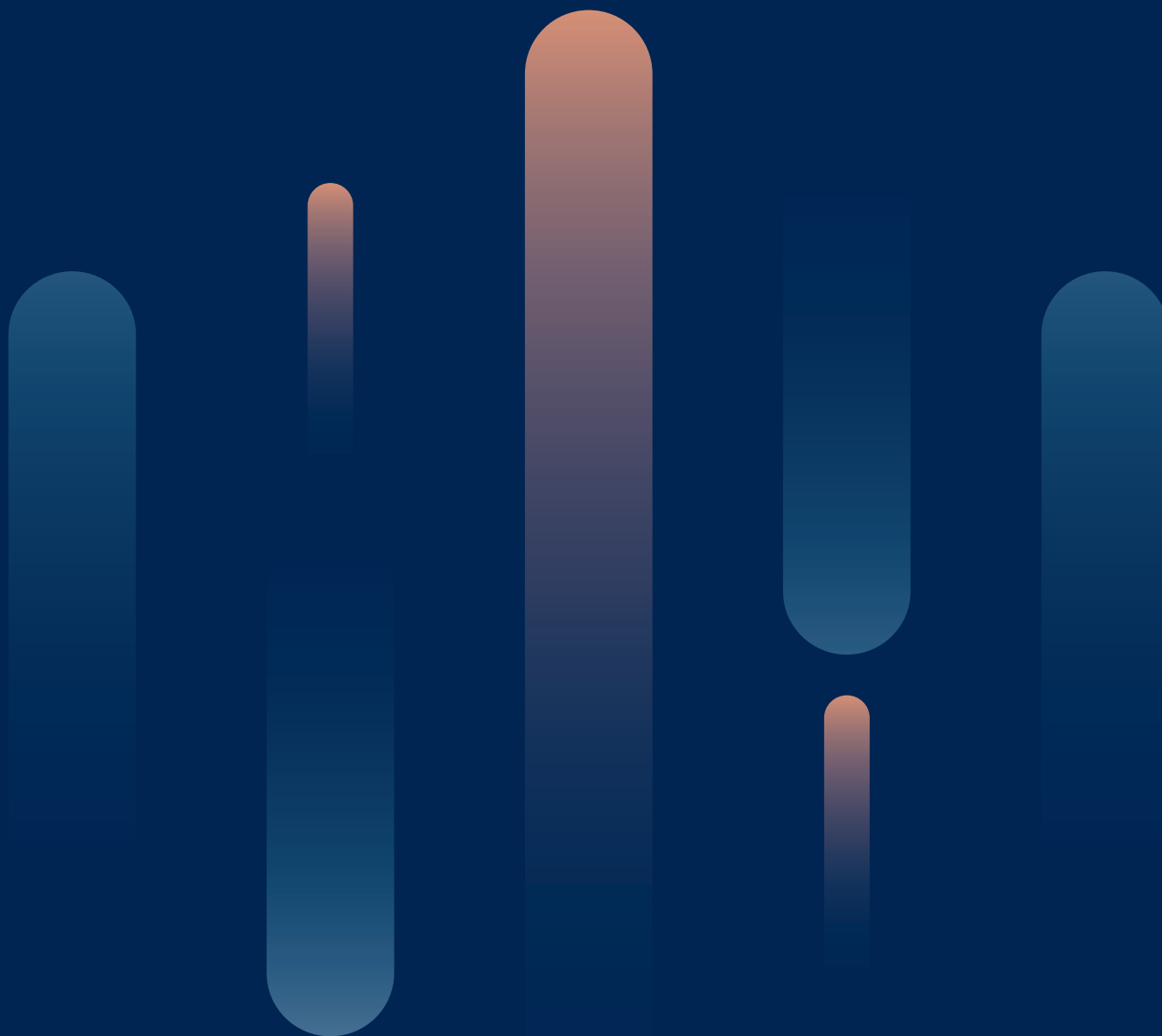
Annual Fuel Consumption by Fuel Type (BBTu)

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Gas	623,359	692,557	723,493	765,560	825,746	812,699	827,705	820,451	796,110	782,640
Crude Oil	6,062			1	984	110				
Gas Oil	17,571	583	990	1,206	149	274	2,046	300	180	116
Total	646,992	693,140	724,483	766,767	826,879	813,083	829,751	820,751	796,289	782,756

النسب المئوية لأنواع الوقود المستهلكة سنوياً

Percentage Annual Fuel Consumption

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Gas	96.3%	99.9%	99.9%	99.8%	99.9%	100.0%	99.8%	100.0%	100.0%	100.0%
Crude Oil	0.9%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Gas Oil	2.7%	0.1%	0.1%	0.2%	0.0%	0.0%	0.2%	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%



إحصائيات القدرات

Capacity Statistics

77	Generation Capacity (Gross MW) at 31st December (Available Capacity)	77	قدرة الإنتاج الإجمالية (ميجاوات) في 31 ديسمبر من كل عام
79	Desalination Capacity (Gross MGD) at 31st December (Available Capacity)	79	قدرة التحلية الإجمالية (مليون جالون/يوم) في 31 ديسمبر من كل عام
81	Generation Capacity by Technology (Gross MW) 2011 - 2014 (Available Capacity at Peak)	81	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2011 - 2014 (القدرة المتاحة في وقت الذروة)
82	Generation Capacity by Technology (Gross MW) 2015 - 2018 (Available Capacity at Peak)	82	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2015 - 2018 (القدرة المتاحة في وقت الذروة)
83	Generation Capacity by Technology (Gross MW) 2019 - 2021 (Available Capacity at Peak)	83	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2019 - 2021 (القدرة المتاحة في وقت الذروة)
84	Generation Capacity by Technology (Gross MW) 1999 - 2021 (Available Capacity at Peak)	84	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 1999 - 2021 (القدرة المتاحة في وقت الذروة)
85	Desalination Capacity by Technology (Gross MGD) 2011 - 2016 (Available Capacity at Peak)	85	قدرة التحلية حسب أسلوب التحلية 2011 - 2016 (مليون جالون/يوم) (القدرة المتاحة في وقت الذروة)
86	Desalination Capacity by Technology (Gross MGD) 2017- 2021 (Available Capacity at Peak)	86	قدرة التحلية حسب أسلوب التحلية 2017 - 2021 (مليون جالون/يوم) (القدرة المتاحة في وقت الذروة)
87	Desalination Capacity by Technology (Gross MGD) 1999 - 2021 (Available Capacity at Peak)	87	قدرة التحلية حسب أسلوب التحلية 1999 - 2021 (القدرة المتاحة في وقت الذروة)

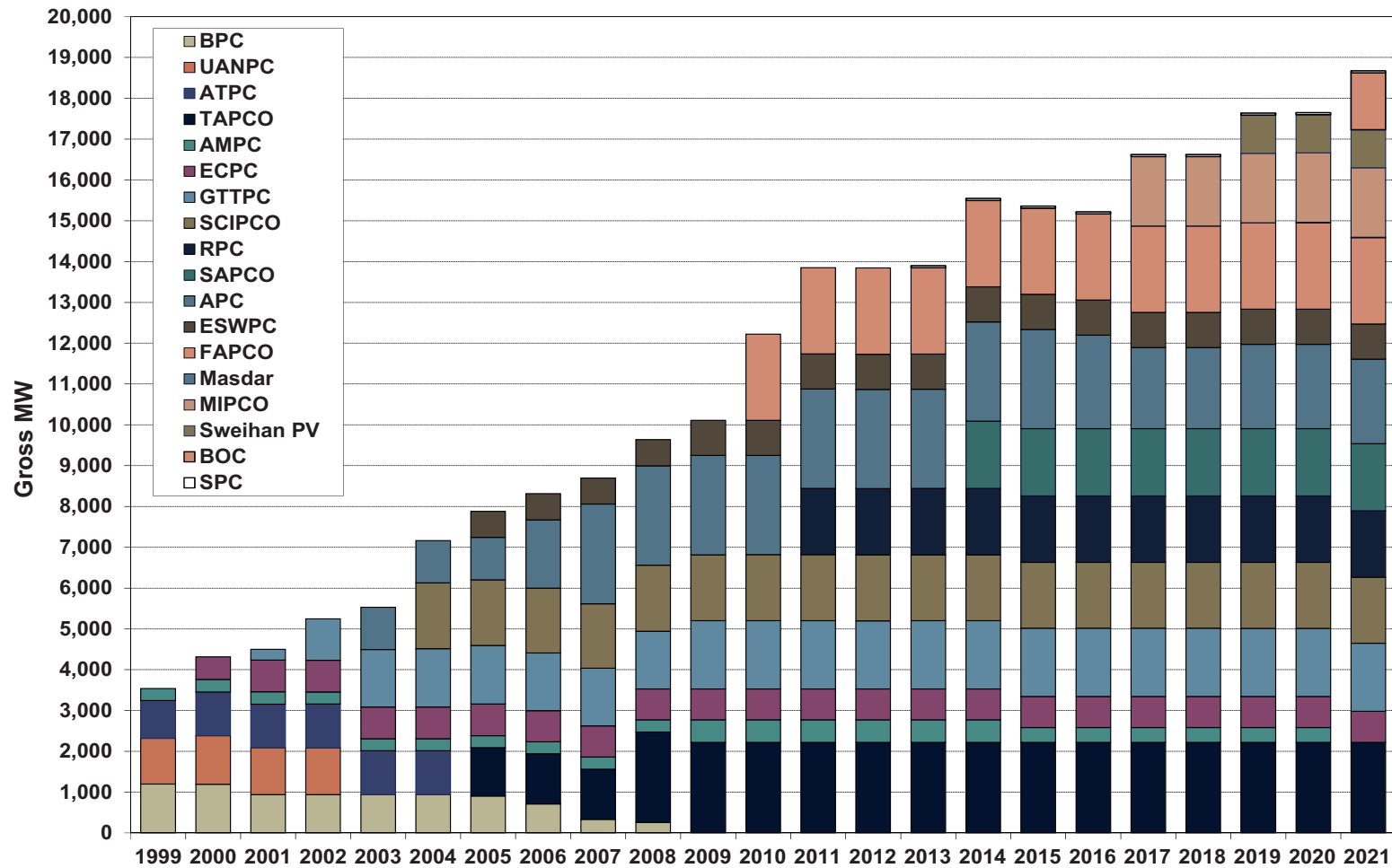
قدرة الإنتاج الإجمالية (ميجاوات) في 31 ديسمبر من كل عام

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

Firm Capacity																				Non Firm Capacity							
Year	BPC	UANPC	ATPC	TAPCO				AMPC				GTTPC	ECPC	SCIPCO	RPC	SAPCO	APC	MIPCO	BOC	ESWPC	FAPCO	SPC	Total	SPC	Masdar	Sweihan PV	Total
	Total	Total	Total	TWB	TWB2	TNE	Total	MRF	MZD	AIN	Total	TA1	TA2	S1	S2	S3	UAN	New Mirfa	BNPP	Fujairah F1	Fujairah F2	Shams 1		Shams 1	Masdar PV	Noor Abu Dhabi	
1999	1,201	1,118	926					192	100		292												3,537				
2000	1,195	1,188	1,069					196	113		309		555										4,316				
2001	940	1,148	1,069					191	109		300	266	777										4,500				
2002	940	1,146	1,075					186	109		295	1,014	777										5,247				
2003	939		1,075					186	109		295	1,407	777				1,038						5,531				
2004	939		1,075					186	109		295	1,431	777	1,610			1,038						7,165				
2005	907			825	359		1,184	186	109		295	1,431	777	1,610			1,038			641			7,883				
2006	711			878	350		1,228	186	109		295	1,416	762	1,585			1,674			641			8,312				
2007	332			881	351		1,232	186	109		295	1,414	763	1,577			2,444			641			8,698				
2008	256			825	358	1,037	2,220	186	109		295	1,414	760	1,615			2,435			641			9,636				
2009				825	358	1,037	2,220	186	109	256	551	1,672	759	1,615			2,433			861			10,111				
2010				825	358	1,037	2,220	186	109	256	551	1,672	760	1,615			2,430			861	2,114		12,223				
2011				825	358	1,037	2,220	186	109	256	551	1,672	760	1,615	1,627		2,430			861	2,114		13,850				
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	1,990	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	1,990	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	10	935	995
2021				825	358	1,037	2,220					1,671	760	1,615	1,627	1,647	2,070	1,702	1,390	861	2,114	50	17,727	50	10	935	999

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

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



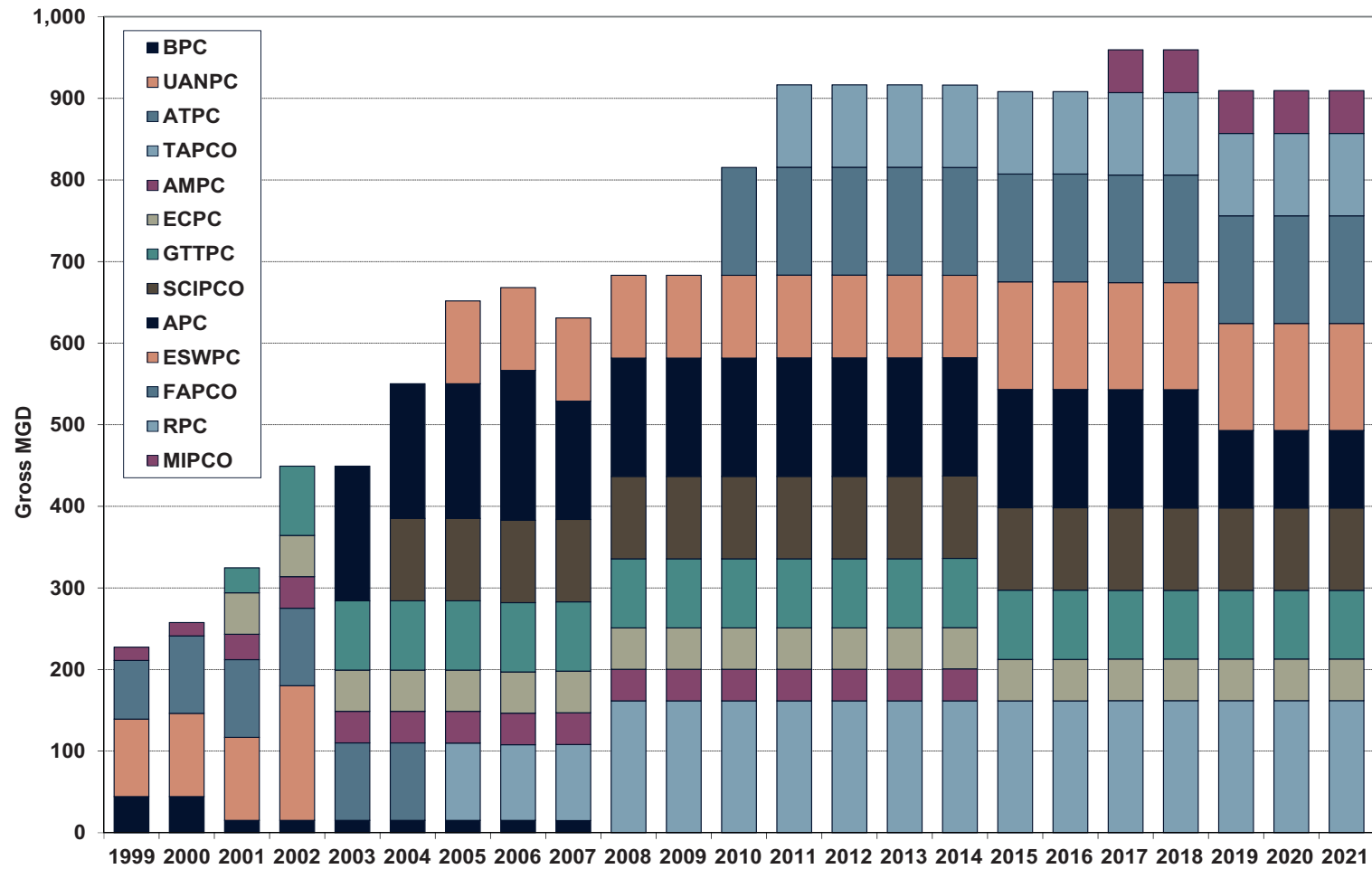
قدرة التحلية الإجمالية (مليون جالون/يومياً) في 31 ديسمبر من كل عام

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

Year	BPC			UANPC			ATPC			TAPCO				AMPC	ECPC	GTTPC	SCIPCO	RPC	APC	ESWPC	FAPCO	MIPCO	EWEC System
	STS	TWA	Total	UE (A&B)	UW (A&B)	Total	TWB	TB2	Total	TWB	TB2	TNBE	Total	Mirfa	TA2	TA1	S1	S2	UAN	F1	F2	New Mirfa	
1999	15	29	44	19	53	95	72		72					16									227
2000	15	29	44	42	60	102	72	23	95					16									258
2001	15		15	42	60	102	72	23	95					31	51	31							325
2002	15		15	42	123	165	72	23	95					39	51	85							449
2003	15		15				72	23	95					39	51	85			165				449
2004	15		15				72	23	95					39	51	85	101		165				550
2005	15		15							72	23		95	39	51	85	101		165	102			652
2006	15		15							70	23		93	39	51	85	101		184	102			668
2007	15		15							70	23		93	39	51	85	101		145	102			631
2008										70	23	69	162	39	51	85	101		145	102			683
2009										70	23	69	162	39	51	85	101		145	102			683
2010										70	23	69	162	39	51	85	101		145	102	132		815
2011										70	23	69	162	39	51	85	101	101	145	102	132		916
2012										70	23	69	162	39	51	85	101	101	145	102	132		916
2013										70	23	69	162	39	51	85	101	101	145	102	132		916
2014										70	23	69	162	39	51	85	101	101	145	101	132		916
2015										70	23	69	162		51	85	101	101	145	132	132		908
2016										70	23	69	162		51	85	101	101	145	132	132		908
2017										70	23	69	162		51	84	101	101	145	131	132	53	960
2018										70	23	69	162		51	84	101	101	145	131	132	53	960
2019										70	23	69	162		51	84	101	101	95	131	132	53	910
2020										70	23	69	162		51	84	101	101	95	131	132	53	910
2021										70	23	69	162		51	84	101	101	95	131	132	53	910

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

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



قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2011 - 2014
(القدرة المتاحة في وقت الذروة)

Generation Capacity by Technology (Gross MW) 2011 - 2014
(Available Capacity at Peak)

Company	Station	2011						2012						2013						2014					
		SCGT	CCGT	GT + EHR	ST	CSP	Total	SCGT	CCGT	GT + EHR	ST	CSP	Total	SCGT	CCGT	GT + EHR	ST	CSP	Total	SCGT	CCGT	GT + EHR	ST	CSP	Total
AMPC	Al Ain	256					256	256					256	256					256	256					256
	Al Mirfa			186			186			186			186			186			186			186			186
	Madinat Zayed	109					109	109					109	109					109	109					109
	AMPC Total	365		186			551	365		186			551	365		186			551	365		186			551
APC	Umm Al Nar		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		1,652	118	660		2,430		1,652	118	660		2,430		1,652	118	660		2,430		1,652	118	660		2,430
GTTPC	Taweelah A1		1,672				1,672		1,670				1,670		1,670				1,670		1,671				1,671
	GTTPC Total		1,672				1,672		1,670				1,670		1,670				1,670		1,671				1,671
ECPC	Taweelah A2		760				760		758				758		758				758		760				760
	ECPC Total		760				760		758				758		758				758		760				760
TAPCO	Taweelah Initial B				825		825				825		825				825		825				825		825
	Taweelah B Extension		358				358		358				358		358				358		358				358
	Taweelah New B 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
SCIPCO	Shuweihat 1		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	Shuweihat 2		1,627				1,627		1,623				1,623		1,621				1,621		1,627				1,627
	RPC Total		1,627				1,627		1,623				1,623		1,621				1,621		1,627				1,627
SAPCO	Shuweihat 3														493						1,647				1,647
	SAPCO Total														493						1,647				1,647
ESWPC	Fujairah F1		861				861		861				861		861				861		861				861
	Fujairah F1 Total		861				861		861				861		861				861		861				861
FAPCO	Fujairah F2		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																	100	100					100	100
	Shams 1 Total																	100	100					100	100
Total		365	11,696	304	1,485		13,850	365	11,688	304	1,485		13,842	365	12,179	304	1,485	100	13,940	365	13,342	304	1,485	100	15,596

قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2018 - 2015
(القدرة المتاحة في وقت الذروة)

Generation Capacity by Technology (Gross MW) 2015 - 2018
(Available Capacity at Peak)

Company	Station	2015						2016						2017						2018					
		SCGT	CCGT	GT + EHR	ST	CSP	Total	SCGT	CCGT	GT + EHR	ST	CSP	Total	SCGT	CCGT	GT + EHR	ST	CSP	Total	SCGT	CCGT	GT + EHR	ST	CSP	Total
AMPC	Al Ain	256					256	256					256	256					256	256					256
	Al Mirfa			186			186																		
	Madinat Zayed	109					109	109					109	109					109	109					109
	AMPC Total	365		186			551	365					365	365					365	365					365
APC	Umm Al Nar		1,652	118	660		2,430		1,670	118	502		2,290		1,670	118	202		1,990		1,670	118	202		1,990
	APC Total		1,652	118	660		2,430		1,670	118	502		2,290		1,670	118	202		1,990		1,670	118	202		1,990
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
TAPCO	Taweelah Initial B				825		825				825		825				825		825				825		825
	Taweelah B Extension		358				358		358				358		358				358		358				358
	Taweelah New B 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
MIPCO	New Mirfa								760					384	1,318				1,702	384	1,318				1,702
	MIPCO Total								760					384	1,318				1,702	384	1,318				1,702
SCIPCO	Shuweihat 1		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	Shuweihat 2		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	Shuweihat 3		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
ESWPC	Fujairah F1		861				861		861				861		861				861		861				861
	Fujairah F1 Total		861				861		861				861		861				861		861				861
FAPCO	Fujairah F2		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					100	100					100	100					100	100					100	100
	Shams 1 Total					100	100					100	100					100	100					100	100
	Total	365	13,342	304	1,485	100	15,596	365	13,360	118	1,327	100	15,270	749	14,678	118	1,027	100	16,672	749	14,678	118	1,027	100	16,672

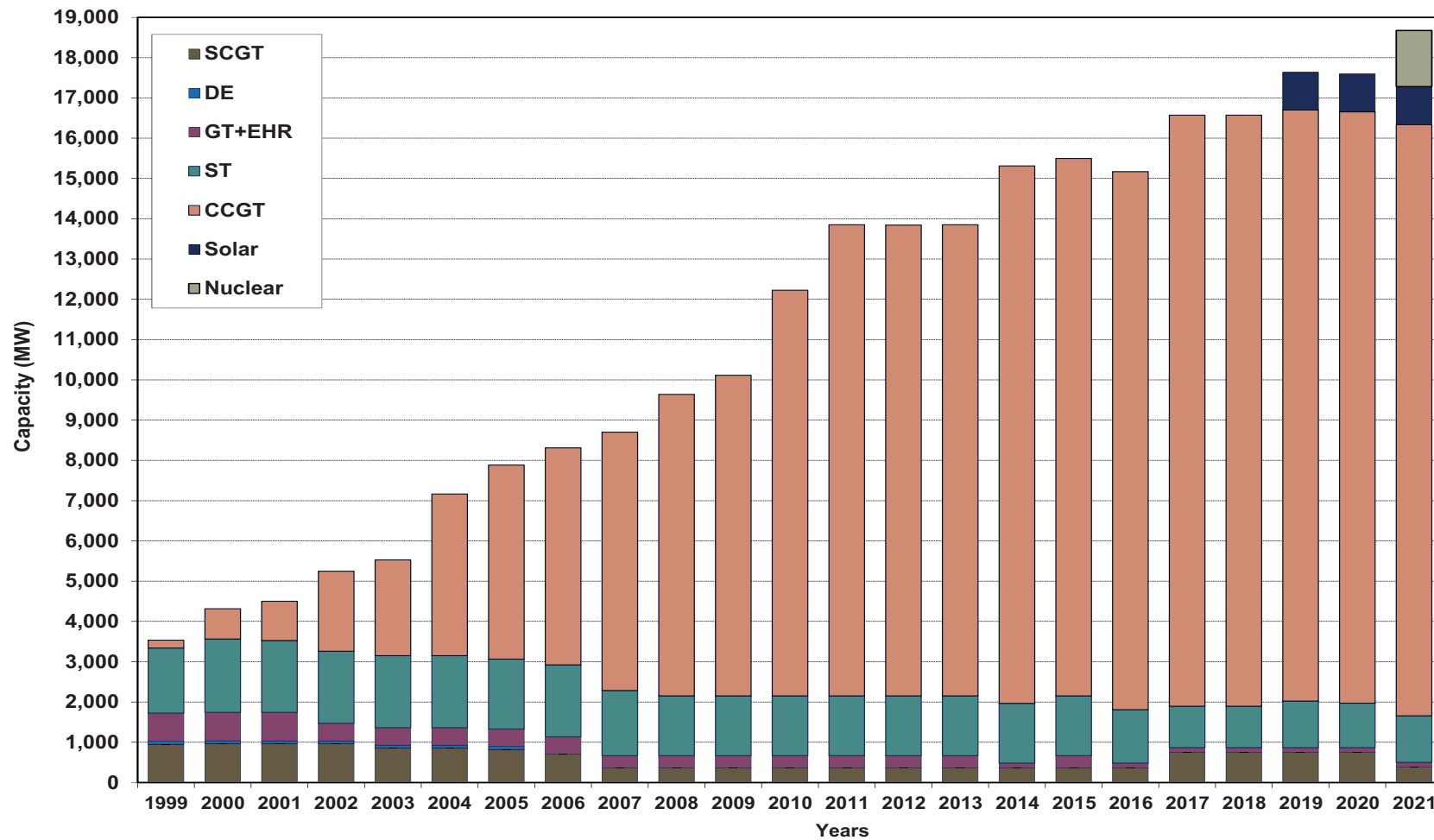
قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2019 - 2021
(القدرة المتاحة في وقت الذروة)

Generation Capacity by Technology (Gross MW) 2019 - 2021
(Available Capacity at Peak)

Company	Station	2019							2020							2021							
		SCGT	CCGT	GT + EHR	ST	CSP	Solar	Total	SCGT	CCGT	GT + EHR	ST	CSP	Solar	Total	SCGT	CCGT	GT + EHR	ST	CSP	Solar	Nuclear	Total
AMPC	Al Ain	256						256	256						256								
	Al Mirfa																						
	Madinat Zayed	108						108	108						108								
	AMPC Total	364						364	364						364								
APC	Umm Al Nar		1,670	118	282			2,070	1,670	118	282				2,070		1,670	118	282				2,070
	APC Total		1,670	118	282			2,070	1,670	118	282				2,070		1,670	118	282				2,070
GTTPC	Taweelah A1	1,671						1,671	1,671						1,671								1,671
	GTTPC Total	1,671						1,671	1,671						1,671								1,671
ECPC	Taweelah A2		760					760	760						760		760						760
	ECPC Total		760					760	760						760		760						760
TAPCO	Taweelah Initial B				825			825			825				825				825				825
	Taweelah B Extension		358					358		358					358		358						358
	Taweelah New B 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
MIPCO	New Mirfa	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
SCIPCO	Shuweihat 1		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	Shuweihat 2		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*	Shuweihat 3		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
BOC	BNPP																					1,390	1,390
	BNPP Total																					1,390	1,390
SPC	Shams 1					100		100					100		100					100			100
	SPC Total					100		100					100		100					100			100
Masdar	Masdar PV													10	10						10		10
	Masdar Total													10	10						10		10
Sweihan PV	Noor Abu Dhabi						935	935						935	935						935		935
	Sweihan PV Total						935	935						935	935						935		935
ESWPC	Fujairah F1		861					861		861					861		861						861
	Fujairah F1 Total		861					861		861					861		861						861
FAPCO	Fujairah F2		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
	Total	748	14,678	118	1,107	100	935	17,686	748	14,678	118	1,107	100	945	17,696	384	14,678	118	1,107	100	945	1,390	18,722

قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 1999 - 2021
(القدرة المتاحة في وقت الذروة)

Generation Capacity by Technology (Gross MW) 1999 - 2021
(Available Capacity at Peak)



قدرة التحلية حسب تقنيات التحلية 2011 - 2016
(مليون جالون/يومية) (القدرة المتاحة في وقت الذروة)

Desalination Capacity by Technology (Gross MGD) 2011 - 2016
(Available Capacity at Peak)

Company	Station	2011				2012				2013				2014				2015				2016			
		MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total
AMPC	Al Mirfa	39			39	39			39	39			39	39			39								
	AMPC Total	39			39	39			39	39			39	39			39								
APC	Umm Al Nar	138	7		145	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	138	7		145
GTTPC	Taweelah A1	32	53		85	32	53		85	32	53		85	32	53		85	32	53		85	32	52		84
	GTTPC Total	32	53		85	32	53		85	32	53		85	32	53		85	32	53		85	32	52		84
ECPC	Taweelah A2	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
TAPCO	Taweelah Initial B	70			70	70			70	70			70	70			70	70			70	70			70
	Taweelah B Extension	23			23	23			23	23			23	23			23	23			23	23			23
	Taweelah New B Extension	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
SCIPCO	Shuweiha 1	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
RPC	Shuweiha 2	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
ESWPC	Fujairah 1	64		38	102	64		38	102	64		38	102	63		38	101	63		68	131	63		68	131
	ESWPC Total	64		38	102	64		38	102	64		38	102	63		38	101	63		68	131	63		68	131
FAPCO	Fujairah 2		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
	Total	687	162	68	916	687	162	68	916	687	162	68	916	686	162	68	916	648	162	68	907	648	161	98	907

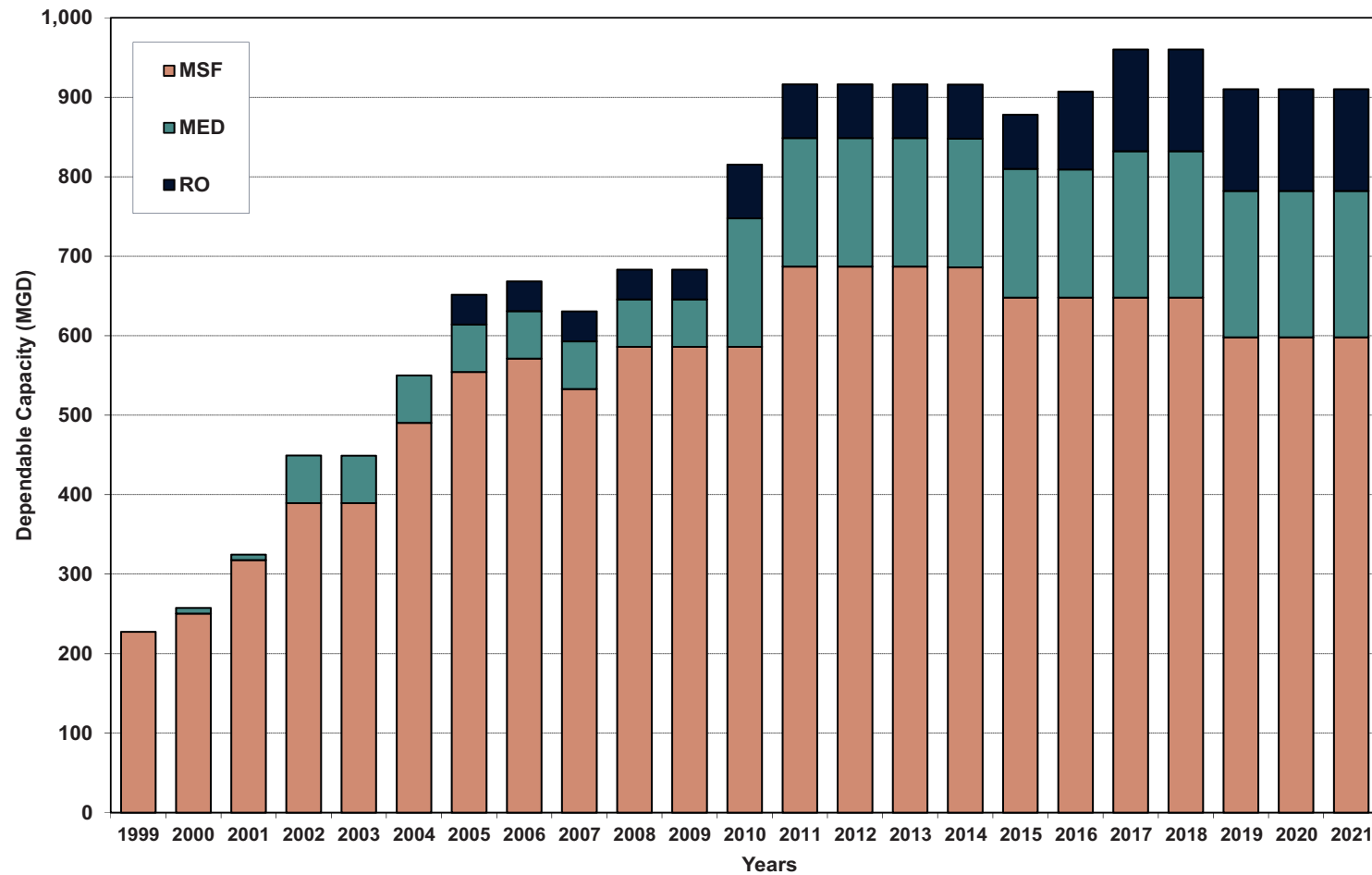
قدرة التحلية حسب تقنيات التحلية 2017 - 2021
(مليون جالون/يومياً) (القدرة المتاحة في وقت الذروة)

Desalination Capacity by Technology (Gross MGD) 2017 - 2021
(Available Capacity at Peak)

Company	Station	2017				2018				2019				2020				2021			
		MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total
AMPC	Al Mirfa																				
	AMPC Total																				
APC	Umm Al Nar	138	7		145	138	7		145	88	7		95	88	7		95	88	7		95
	APC Total	138	7		145	138	7		145	88	7		95	88	7		95	88	7		95
GTTPC	Taweelah A1	32	52		84	32	52		84	32	52		84	32	52		84	32	52		84
	GTTPC Total	32	52		84	32	52		84	32	52		84	32	52		84	32	52		84
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
TAPCO	Taweelah Initial B	70			70	70			70	70			70	70			70	70			70
	Taweelah B Extension	23			23	23			23	23			23	23			23	23			23
	Taweelah New B Extension	69			69	69			69	69			69	69			69	69			69
	TAPCO Total	162			162	162			162	162			162	162			162	162			162
SCIPCO	Shuweiha 1	101			101	101			101	101			101	101			101	101			101
	SCIPCO Total	101			101	101			101	101			101	101			101	101			101
RPC	Shuweiha 2	101			101	101			101	101			101	101			101	101			101
	RPC Total	101			101	101			101	101			101	101			101	101			101
MIPCO	New Mirfa		23	30	53		23	30	53		23	30	53		23	30	53		23	30	53
	MIPCO Total		23	30	53		23	30	53		23	30	53		23	30	53		23	30	53
ESWPC	Fujairah 1	63		68	131	63		68	131	63		68	131	63		68	131	63		68	131
	ESWPC Total	63		68	131	63		68	131	63		68	131	63		68	131	63		68	131
FAPCO	Fujairah 2		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
	Total	648	184	128	960	648	184	128	960	598	184	128	910	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

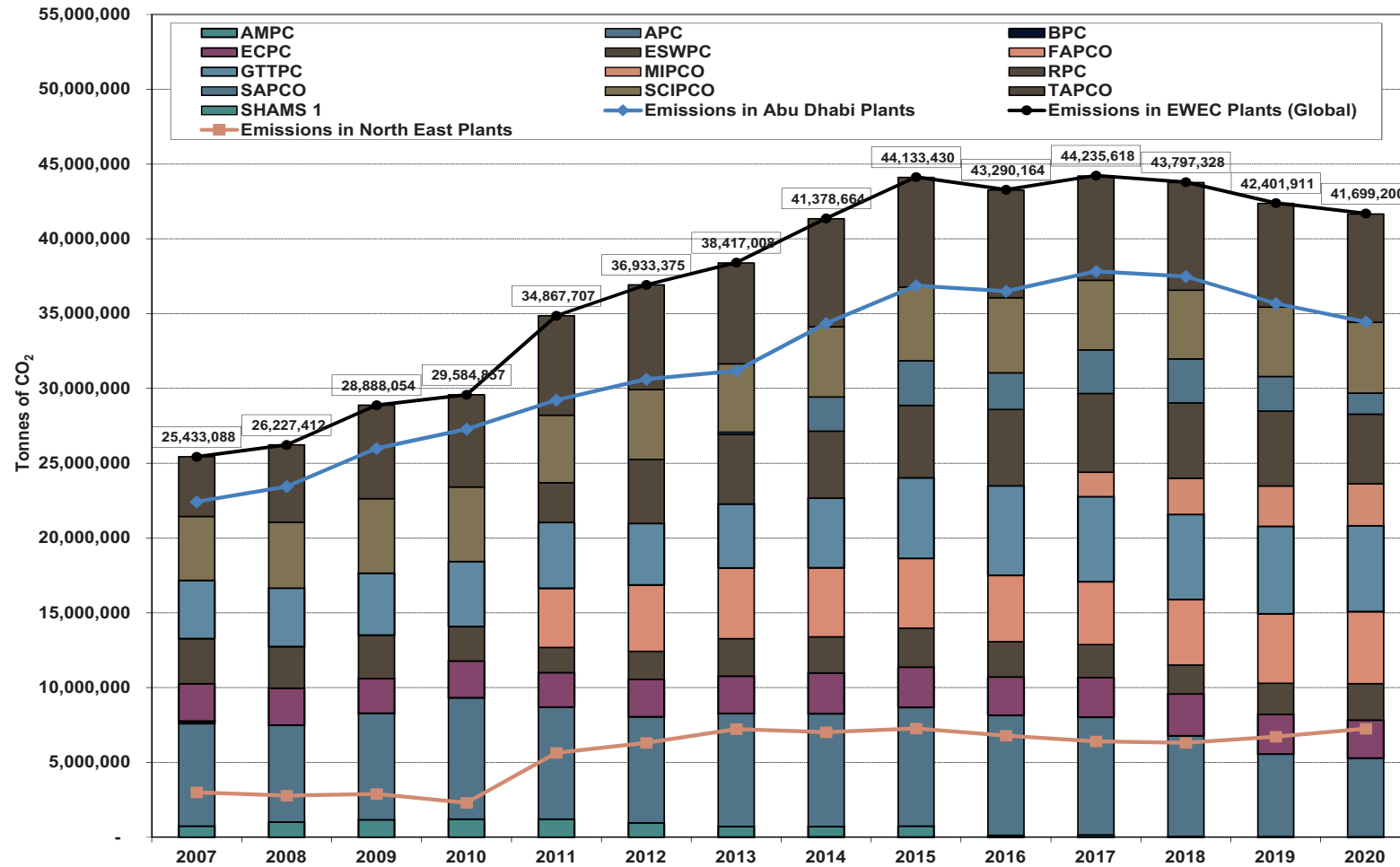
CO₂ Emissions

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

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

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

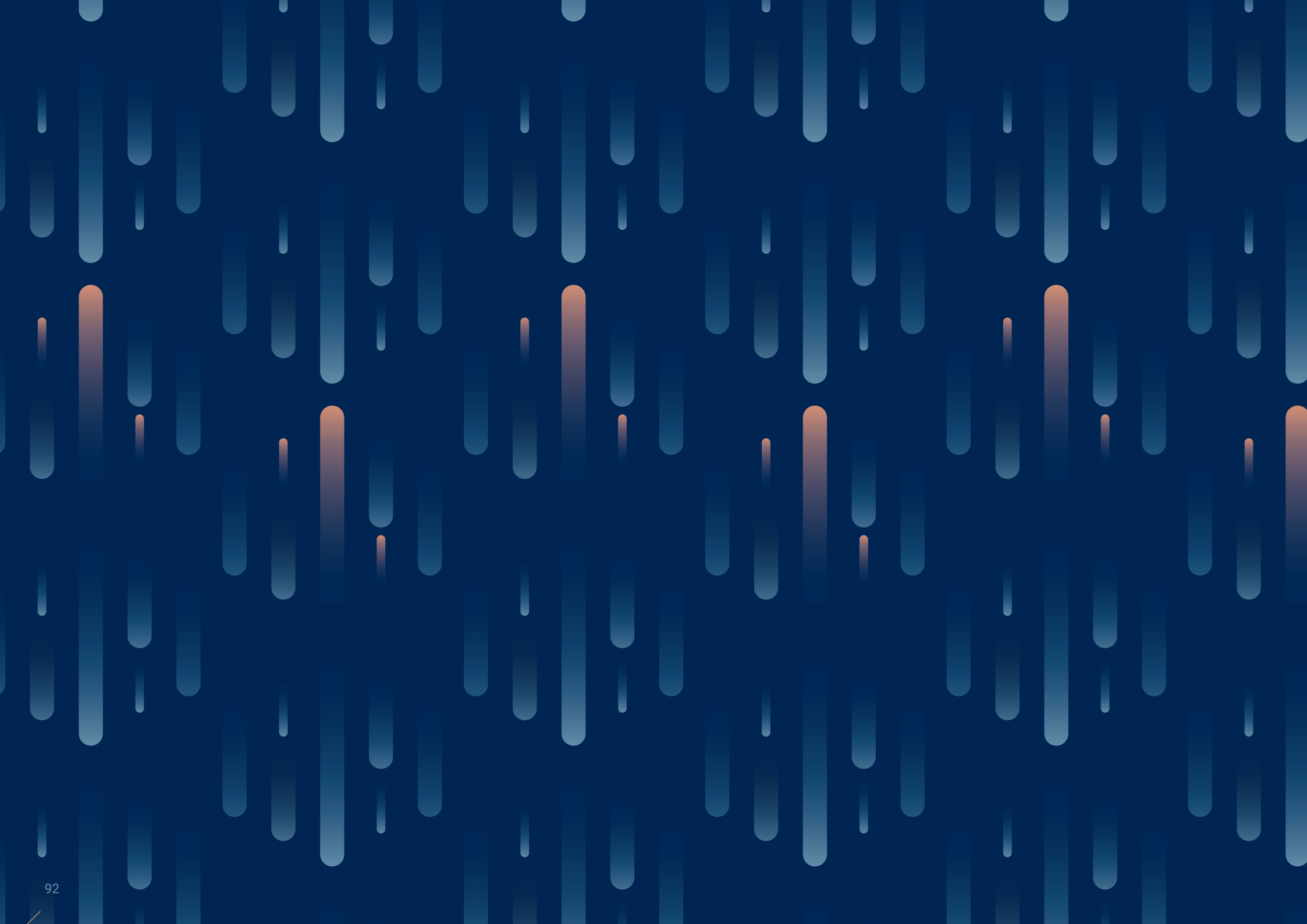
CO₂ Emissions (Tonnes) calculated as per the Emission Intensity Calculation Tool



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	2020
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	3,408
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	5,735,509
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	2,658,122	2,540,539
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	7,241,510
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	4,742,149
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	4,652,479
Shuweihat Asia Power Company (SAPCO)							137,416	2,283,463	2,992,366	2,443,977	2,923,375	2,947,202	2,947,202	1,399,776
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	6,733,733	5,285,549
Shams Power Company (Shams 1)							24,004	27,237	21,248	23,289	28,318	31,765	31,237	31,957
Mirfa International Power Company (MIPCO)											1,616,887	2,429,357	2,695,287	2,811,604
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	2,439,621
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	4,815,098
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	34,444,480
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	7,254,720
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	41,699,200



إحصائيات التنبؤ

Forecast Statistics

94	Electricity Peak Demand Forecast (Gross MW)	توقعات الطلب القصوى على الكهرباء (ميجاوات)	94
96	Water Peak Demand Forecast (Gross MGD)	توقعات الطلب القصوى على المياه (مليون جالون / يوم)	96
97	Water Global Demand	الطلب العالمي على المياه (مليون جالون / يوم)	97

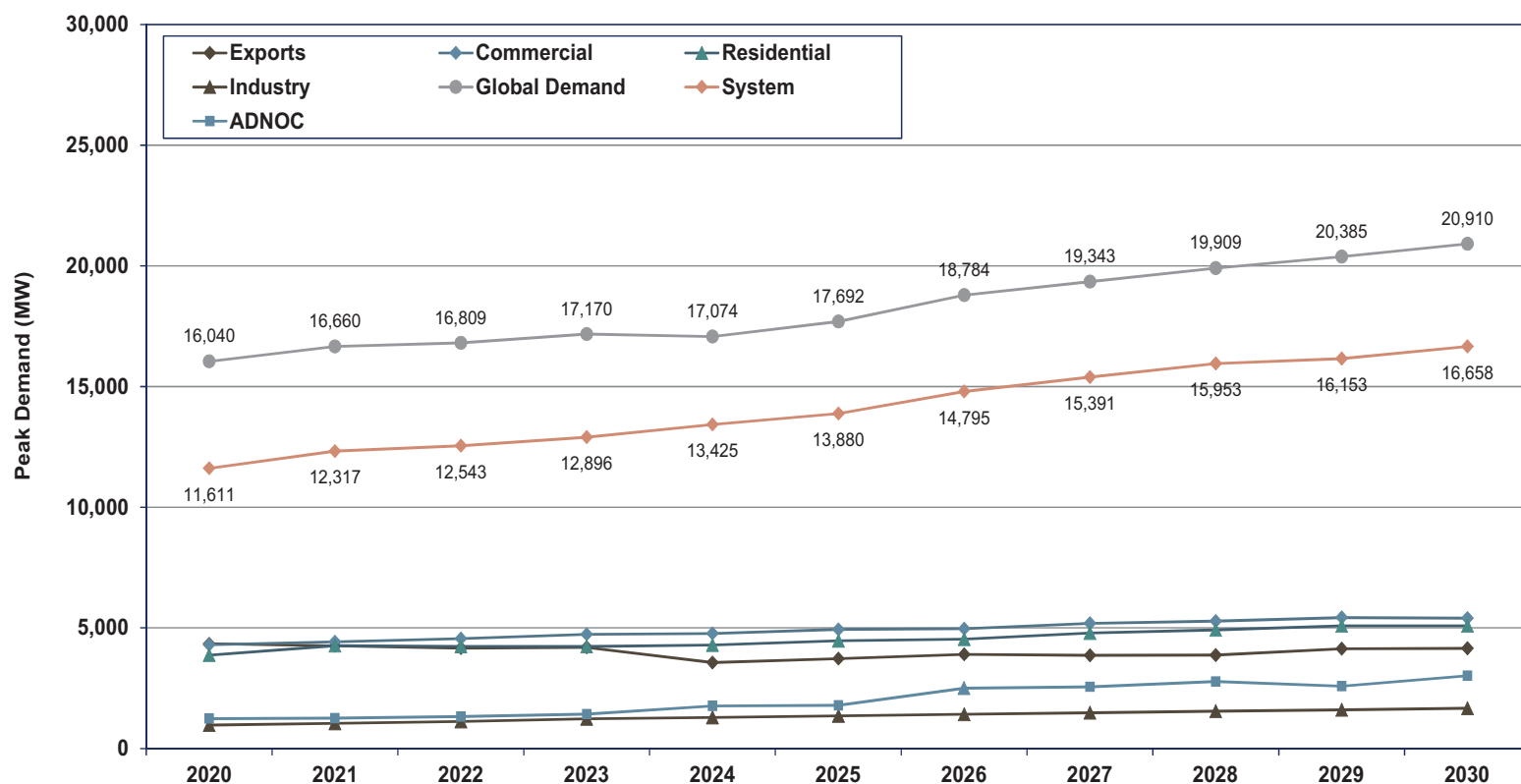
توقعات الطلب القصوى على الكهرباء (ميجاوات)

Electricity Peak Demand Forecast (Gross MW)

CATEGORY	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
ADNOC	1,235	1,260	1,320	1,429	1,764	1,788	2,503	2,552	2,781	2,580	3,014
Residential Commercial	8,192	8,682	8,785	8,953	9,060	9,398	9,493	9,963	10,195	10,509	10,484
Industry	972	1,048	1,116	1,228	1,289	1,350	1,414	1,479	1,545	1,607	1,666
Auxiliaries	1,003	1,086	1,042	1,047	1,027	1,039	1,065	1,079	1,099	1,116	1,136
System	11,611	12,317	12,543	12,896	13,425	13,880	14,795	15,391	15,953	16,153	16,658
Exports	4,341	4,249	4,161	4,187	3,565	3,722	3,896	3,865	3,867	4,135	4,154
Global Demand	16,040	16,660	16,809	17,170	17,074	17,692	18,784	19,343	19,909	20,385	20,910

توقعات الطلب القصوى على الكهرباء (ميجاوات)

Electricity Peak Demand Forecast (Gross MW)



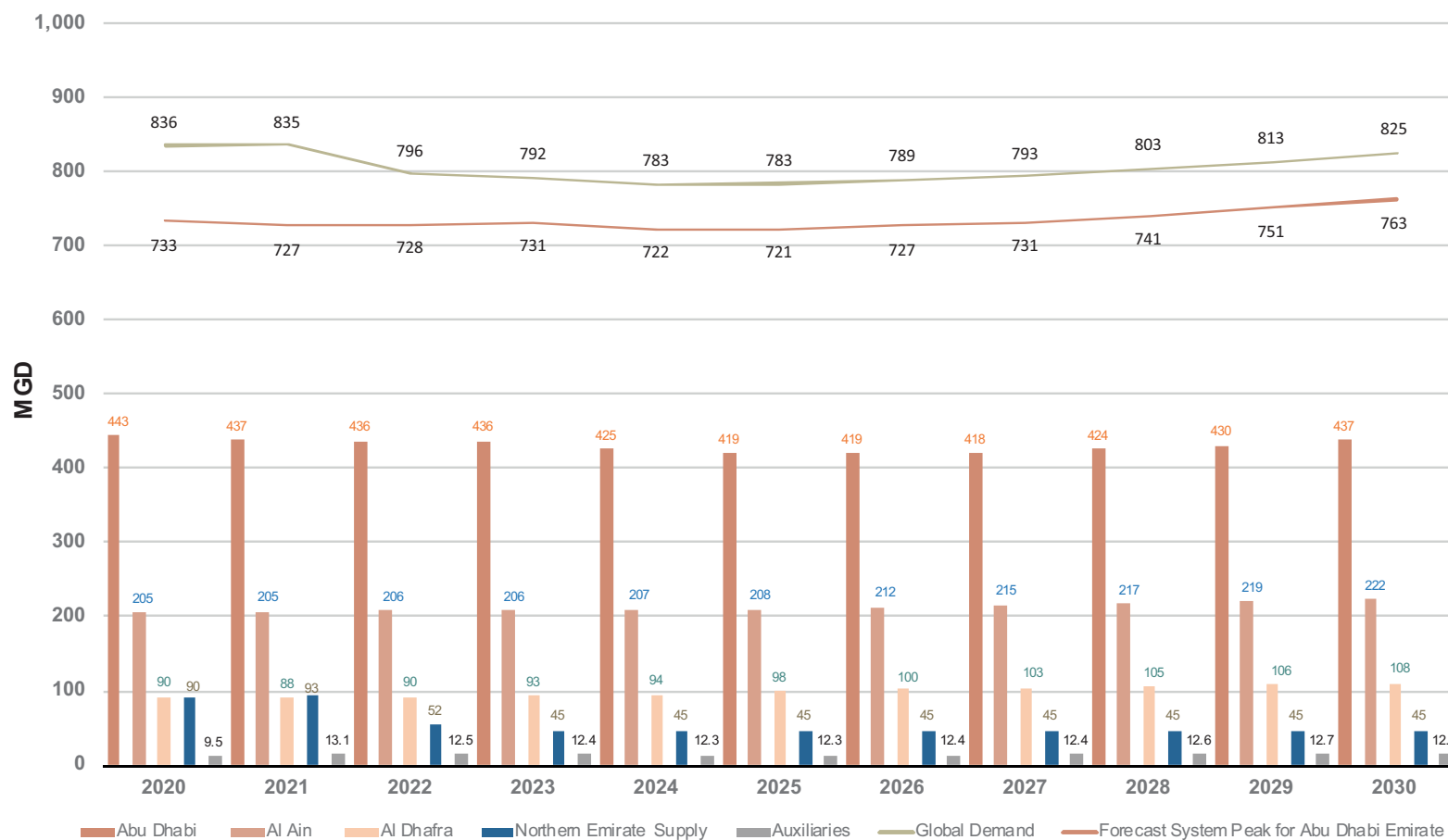
توقعات الطلب القصوى على المياه (مليون جالون / يومياً)

Water Peak Demand Forecast (Gross MGD)

Diversified Regional Gross Demand (losses included)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Abu Dhabi	443	437	436	436	425	419	419	418	424	430	437
Al Ain	205	205	206	206	207	208	212	215	217	219	222
Al Dhafra	90	88	90	93	94	98	100	103	105	106	108
Forecast Sum of Regional Peaks	738	730	732	734	726	725	731	735	745	755	767
Forecast System Peak for Abu Dhabi Emirate	733	727	728	731	722	721	727	731	741	751	763
Regional Diversity Factor	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%
Abu Dhabi Emirate Auxiliaries	8.4	11.6	11.6	11.6	11.5	11.5	11.6	11.6	11.8	12.0	12.1
Emirate of Abu Dhabi System Peak + Auxiliaries	741	738	740	742	734	733	739	743	753	763	775
Farms in Northern Emirates (ADDC)	3.9	4.03	4.2	4.28	4.4	4.5	4.7	4.8	5.0	5.1	5.3
Sector Totals including losses (Diversified)	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Domestic	209	207	208	204	204	203	206	207	209	212	215
Villas, Shabia, TH Irrigation	101	99	97	99	99	100	102	102	103	104	105
Bulk Irrigation Including Farms	367	361	358	358	348	344	340	339	341	343	346
Industrial	45	48	52	56	58	61	65	68	72	75	79
District Cooling	12	12	13	14	13	13	14	15	16	17	18
Aquifer recharge											
Total Peak Sectoral Demands (Diversified)	733	727	728	731	722	721	727	731	741	751	763
Total System Peak (Resultant after superimposing individual Peaks)	733	727	728	731	722	721	727	731	741	751	763
Total of Sectoral Demands + Auxiliaries	741	738	740	742	734	733	739	743	753	763	775
EWEC Supplies to the Northern Emirates	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Total Etihad WE	70	72	32	24	24	24	24	24	24	24	24
Total SEWA	19	19	19	20	20	20	20	20	20	20	20
Total FEC											
Total DEWA											
Other											
Total Northern Emirates Exports Including Losses (Excluding Auxiliaries)	89	92	51	44.44	44	44	44	44	44	44	44
Total Northern Emirates Auxiliaries	1.07	1.52	0.88	0.78	0.77	0.78	0.78	0.79	0.79	0.79	0.79
Total Northern Emirates Supply (Including Auxiliaries & Losses)	90	93	52	45	45	45	45	45	45	45	45
Total Auxiliaries	9.5	13.1	12.5	12.4	12.3	12.3	12.4	12.4	12.6	12.7	12.9
Global Demand	836	835	796	792	783	783	789	793	803	813	825

الطلب العالمي على المياه (مليون جالون / يومياً)

Water Global Demand



المصطلحات

Glossary

7YS	Seven Year Statement	تقرير السنوات السبع
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
Al Dhafra	Al Dhafra Region	منطقة الظفرة
ADDC	Abu Dhabi Distribution Company	شركة أبوظبي للتوزيع
ADH	Abu Dhabi Emirate	إمارة أبوظبي
ADNOC	Abu Dhabi National Oil Company	شركة بترول أبوظبي الوطنية
ADPS	Abu Dhabi Power Station	محطة أبوظبي للطاقة
ADWEC	Abu Dhabi Water & Electricity Company	شركة أبوظبي للماء والكهرباء
AED	UAE Currency, Dirham	درهم إماراتي
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
BBtu	Billion British Thermal Unit	الوحدة الحرارية البريطانية
BPC	Bainounah Power Company	شركة بنونة للطاقة
BOC	Barakah One Company	محطة براكة 1
BPST	Back Pressure Steam Turbine	توربين بخاري ذو ضغط ارتدادي
BST	Bulk Supply Tariff	تعرفة التوريد بالجملة
BYS	Baniyas Power Station	محطة بني ياس للطاقة / للنسخ
CCGT	Combined Cycle Cogeneration Plant	وحدة انتاج كهرباء ومياه ذات دورة مزدوجة
CCNW	Combined Cycle Plant w/ no Water Production	وحدة انتاج كهرباء بدون مياه ذات دورة مزدوجة
COD	Commercial Operation Date	تاريخ التشغيل التجاري
CO ₂	Carbon Dioxide	ثاني أكسيد الكربون
CR	Central Region	المنطقة الوسطى
DEL	Dolphin Energy Limited	دولفين المحدودة للطاقة
DEWA	Dubai Electricity & Water Authority	هيئة كهرباء ومياه دبي
DISCO	Distribution Company	شركات التوزيع "أبوظبي والعين"
DOE	Department of Energy	دائرة الطاقة
ECPC	Emirates CMS Power Company	شركة الإمارات سي إم إس للطاقة
EHR	Exhaust Heat Recovery Boiler (same as HRSG)	غلاية استرجاع حرارة الغاز العادم
EGA	Emirates Global Aluminium	الإمارات للألمنيوم
ENEC	Emirates Nuclear Energy Company	مؤسسة الإمارات للطاقة النووية
ENG	Emirates National Grid	مشروع الربط الكهربائي الوطني
ESWPC	Emirates SembCorp Water & Power Company	شركة الإمارات سيمكورب للماء والطاقة
EWE	Ethad Water & Electricity	الاتحاد للماء والكهرباء
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 والماء
GCC	Gulf Cooperation Council	مجلس التعاون الخليجي
GD	Generation & Desalination Company	شركة انتاج الطاقة والتفجير
Global	Abu Dhabi Power / Water System including Exports	نظام أبوظبي للكهرباء والمياه بما في ذلك الصادرات
GSS	Generation Security Standard	مقياس قدرة التوليد الإضافية
GT	Gas Turbine	توربين غازي
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
GTTTC	Gulf Total Tractebel Power Company	شركة الخليج توتال تراكتيبل للطاقة
GWh	Giga Watt Hour	جيجاوات ساعة
HRSG	Heat Recovery Steam Generator (same as EHR)	غلاية استرجاع حرارة الغاز العادم

kWh	Kilo Watt Hour	كيلو وات ساعة
LDC	Load Dispatch Center	مركز التحكم بتوزيع الطاقة
MASDAR	Abu Dhabi Future Energy Company	شركة أبوظبي لطاقة المستقبل
MBTu	Million British Thermal Unit	مليون وحدة حرارية بريطانية
MED	Multi-effect Desalination	تحلية بالتأثير المتبادل
MG	Million (Imperial) Gallons or MIG	مليون جالون بريطاني
MGD	Million (Imperial) Gallons per Day or MIGD	مليون جالون بريطاني في اليوم
MIPCO	Mirfa International Power & Water Company	شركة المرفأ انترناتيونال للكهرباء والمياه
MRF	Al Mirfa Power Station	محطة المرفأ للطاقة
MRF-IWPP	Al Mirfa – Independent Water & Power Producer	منتج الماء و الكهرباء المستقل في المرفأ
MW	Mega Watt	ميجاوات
MWh	Mega Watt Hour	ميجا وات/ ساعة
MZD	Madinat Zayed Power Station	محطة مدينة زايد للطاقة
NE	Northern Emirates	الإمارات الشمالية
NG	Natural Gas	الغاز الطبيعي
OCGT	Open Cycle Gas Turbine (same as SCGT)	توربين بخاري ذو دورة مفتوحة (بسيطة)
PCOD	Project Commercial Operation Date	تاريخ بدء التشغيل التجاري للمشروع
PPA	Power Purchase Agreement	اتفاقية شراء الطاقة
PWPA	Power & Water Purchase Agreement	اتفاقية شراء الكهرباء و الماء
RO	Reverse Osmosis	التناضح العكسي
RPC	Ruwais Power Company	شركة الرويس للطاقة
SAPCO	Shuweihat Asia Power Company	شركة الشويهات آسيا للطاقة
SEWA	Sharjah Electricity & Water Authority	هيئة كهرباء ومياه الشارقة
SCGT	Simple Cycle Gas Turbine or GTSC	توربين غازي ذو دورة بسيطة
SCIPCO	Shuweihat CMS International Power Company	شركة الشويهات سي إم إس للطاقة
S1 / S2 / S3	Shuweihat S1 / S2 / S3 Station	المرحلة الأولى أو الثانية من محطة الشويهات
ST	Steam Turbine	توربين بخاري
Sweihan PV	Sweihan PV Power Company	شركة سويحان للطاقة الشمسية
System	Abu Dhabi Power / Water System	نظام أبوظبي ماء/ كهرباء
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	شركة أبوظبي الوطنية للطاقة "طاقة"
TAW	Taweelah	الطويلة
TAW A1	Taweelah A Power Station	محطة الطويلة A للطاقة
Taw B1	Taweelah B1 Power Station	محطة الطويلة B للطاقة
Taw B2	Taweelah B2 Power Station	محطة الطويلة B2 للطاقة
Taw B3	Taweelah B3 Power Station	محطة الطويلة B3 للطاقة
TIG	Thousand Imperial Gallons	ألف جالون بريطاني
TRANSCO	Transmission & Dispatch Company	شركة أبوظبي للنقل و التحكم (ترانسكو)
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
UANPC	Umm Al Nar Power Company	شركة أم النار للطاقة
UNE-A, UEA	Umm Al Nar East A Power Station	محطة ضخ أم النار الشرقية أ للطاقة
UNE-B, UEB	Umm Al Nar East B Power Station	محطة ضخ أم النار الشرقية ب للطاقة
UNW	Umm Al Nar West Power Station	محطة ضخ أم النار الشرقية ب للطاقة
UNW1-6, UW1	Umm Al Nar West 1 – 6 Power Station	محطة ضخ أم النار الغربية الوحدات 1-6 للطاقة
UNW7-8, UW7	Umm Al Nar West 7 & 8 Power Station	محطة ضخ أم النار الغربية الوحدات 7-8 للطاقة
UNW9-10, UW9	Umm Al Nar West 9 & 10 Power Station	محطة ضخ أم النار الغربية الوحدات 9-10 للطاقة
UNW-B	Umm Al Nar West B Desalination Plant	محطة أم النار غرب للتحلية
UWEC	Union Water & Electricity Company	شركة الاتحاد للماء والكهرباء

خريطة موقع شركة مياه وكهرباء الإمارات

EWEC's Location Map





