



التقرير الإحصائي 2021

Statistical Report 2021



صاحب السمو الشيخ محمد بن زايد آل نهيان
رئيس دولة الإمارات العربية المتحدة

His Highness Sheikh Mohammed Bin Zayed Al Nahyan
President of the United Arab Emirates



سمو الشيخ خالد بن محمد بن زايد آل نهيان
ولي عهد أبوظبي

His Highness Sheikh Khaled bin Mohamed bin Zayed Al Nahyan
Crown Prince of Abu Dhabi



جدول المحتويات

Table of contents

7	General Information	معلومات عامة	7
8	Chairman's Message	رسالة رئيس مجلس الإدارة	8
9	EWEC's Role	دور شركة مياه وكهرباء الإمارات	9
11	Electricity Statistics	إحصائيات الكهرباء	11
55	Water Statistics	إحصائيات المياه	55
67	Fuel Statistics	إحصائيات الوقود	67
76	Capacity Statistics	إحصائيات القدرات	76
90	CO ₂ Emissions	انبعاثات غاز ثاني أكسيد الكربون	90
94	Forecast Statistics	إحصائيات التنبؤ	94
99	Glossary	المصطلحات	99
101	EWEC's Location Map	خريطة موقع شركة مياه وكهرباء الإمارات	101

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

As part of our commitment to supporting the UAE's transition towards a sustainable, carbon-free economy and in line with the UAE Energy Strategy by 2050, and the UAE Net Zero by 2050 strategic initiative, we work on identifying opportunities for the development of water and power generation facilities, with a focus on sustainable and renewable technologies.

Our Statistical Report captures key metrics underpinning these opportunities, outlining the recommended future projects to advance the UAE's growth, diversification, and sustainability journey.

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

We hope this report meets your data requirements.

Finally, I would like to express my sincere appreciation and thanks to the EWEK Management and Staff for developing the 2021 Statistical Report. I am confident that 2022 will usher in even more opportunities for growth, creating value for Abu Dhabi and beyond.

Hamad A. Al Hammadi
EWEK Chairman

رسالة رئيس مجلس الإدارة

في إطار التزامنا بدعم خطة الانتقال نحو اقتصاد مستدام وخالي من الكربون في دولة الإمارات العربية المتحدة، وبما يتماشى مع استراتيجية الإمارات للطاقة ٢٠٥٠، ومبادرة الدولة الاستراتيجية للحياد المناخي بحلول عام ٢٠٥٠، فإننا نعمل على تحديد فرص تطوير مرافق لإنتاج الماء والكهرباء، مع التركيز على التقنيات المستدامة والمتجددة.

يركز التقرير الإحصائي على المقاييس الرئيسية التي تدعم هذه الفرص، ويحدد المشاريع المستقبلية المقترحة لدفع عجلة النمو والتنوع والاستدامة في الدولة.

يوفر هذا التقرير معلومات حول الطلب على الماء والكهرباء وإنتاجهما، واستهلاك الوقود وتوقعات الطلب وقدرات الإنتاج، وغيرها من المهام الرئيسية الأخرى.

نتطلع إلى أن يلبي هذا التقرير جميع البيانات المطلوبة.

وفي الختام، لا يفوتني أن أتقدم بخالص الشكر والتقدير لإدارة وموظفي شركة مياه وكهرباء الإمارات على إعداد التقرير الإحصائي لعام ٢٠٢١، إنني على يقين بأن عام ٢٠٢٢ سيوفر المزيد من فرص النمو، وخلق قيم إضافية في أبوظبي وخارجها.

حمد الحمادي
رئيس مجلس الإدارة

EWEC's Role

EWEC, as the System Operator and Sole Procurement Entity, is responsible for ensuring a reliable and continuous supply of water and power for Abu Dhabi and beyond. To achieve this, EWEC performs critical functions, which include System Despatch, Demand Forecast, and Generation Expansion Planning.

Importantly, EWEC is also leading the change within the energy sector, advancing sustainable, efficient water and power supply in Abu Dhabi and across the UAE, enabling the development of a low-carbon power and water system that supports the UAE government and vision and drives the economy.

EWEC fulfils these vital tasks through the careful short-term and long-term balancing of supply and demand (System Despatch, Demand Forecast and Generation Expansion Planning), and enters into long-term Power and Water Purchase Agreements (PWPAs) with production companies and Bulk Supply Tariff (BST) sales arrangements with utilities and distribution companies, ensuring a sustainable and efficient supply of water and power.

Through these key actions, EWEC is an integral contributor of clean, efficient water and power supply, utilising transformative innovations that enable the achievement of the Clean Energy Strategic Target 2035 for Electricity Production in Abu Dhabi, UAE Water Security Strategy 2036, UAE Energy Strategy by 2050, and the UAE Net Zero by 2050 strategic initiative.

EWEC upholds high standards of quality, environmental sustainability, and occupational health and safety, as demonstrated by its certification to several international and industry standards, including ISO 9001:2015, ISO 14001:2015, and OHSAS 18001:2007.

Othman Juma Al Ali
Chief Executive Officer

دور شركة مياه وكهرباء الإمارات

يتمثل دور شركة مياه وكهرباء الإمارات بوصفها مشغل النظام والمورد الوحيد لكميات الماء والكهرباء التي تنتجها شركات الإنتاج، وتأخذ على عاتقها ضمان إمداد موثوق ودائم للماء والكهرباء في أبو ظبي وخارجها، لذا تقوم الشركة بأداء وظائف مهمة تشمل النقل، وتوقعات الطلب، والتخطيط لتوسعة قدرات الإنتاج.

تتولى شركة مياه وكهرباء الإمارات قيادة خطة الانتقال في قطاع الطاقة، وتقديم إمدادات فعالة ومستدامة من الماء والكهرباء في أبو ظبي وجميع أنحاء الدولة، مما يتطلب تطوير نظام إنتاج منخفض الكربون، للإسهام في توجيه الاقتصاد على نحو يساهم في دعم أهداف الحكومة الرشيدة ورؤيتها.

يتم تحقيق هذا الدور من خلال الموازنة الدقيقة على المدى القصير والطويل بين العرض والطلب (التحكم بالنظام، 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، مما يضمن إمداداً مستداماً وفعالاً للماء والكهرباء.

من خلال هذا الدور الرئيسي، تعدّ شركة مياه وكهرباء الإمارات مساهماً أساسياً في توفير إمدادات فعالة ومستدامة من الماء والكهرباء، وفقاً لأحدث الابتكارات التحويلية التي تساهم في تحقيق الأهداف الاستراتيجية للطاقة النظيفة لعام ٢٠٣٥ لإنتاج الكهرباء في أبو ظبي، واستراتيجية الأمن المائي لدولة الإمارات ٢٠٣٦، واستراتيجية الإمارات للطاقة ٢٠٥٠، ومبادرة الإمارات الاستراتيجية لتحقيق الحياد المناخي بحلول ٢٠٥٠.

تلتزم شركة مياه وكهرباء الإمارات بأعلى معايير الجودة والاستدامة البيئية، والصحة والسلامة المهنية، وقد تم اعتمادها وفقاً لمجموعة من المعايير الدولية، منها: ISO ٩٠٠١: ٢٠١٥ / ISO ١٤٠٠١: ٢٠١٥ / OHSAS ١٨٠٠١: ٢٠٠٧.



عثمان جمعة آل علي
الرئيس التنفيذي

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

إحصائيات الكهرباء Electricity Statistics

إحصائيات الكهرباء

Electricity Statistics

14	Electricity System Network (Summer 2022)	شبكة الكهرباء حتى صيف 2022	14
15	System Weekly Electricity Peaks 2012 - 2021	الأحمال القصوى الأسبوعية للشبكة 2012 - 2021	15
16	Global Abu Dhabi System Peak & Minimum Demands 1999 - 2021	إجمالي الحمل الأقصى و الأدنى للشبكة في إمارة أبوظبي 1999 - 2021	16
17	Ratio of System Electricity Minimum / Peak Demands	الأحمال القصوى و الأحمال الدنيا و نسبتها المئوية من الأحمال القصوى للشبكة	17
18	2021 System Load Duration Curves	منحنى الأحمال الزمني للشبكة للعام 2021	18
19	Abu Dhabi 2021 System Electricity Demand Profiles	نمط الطلب على الكهرباء في أبوظبي للعام 2021	19
20	Abu Dhabi 2021 Maximum Month & Minimum Month Demand Profiles	مقارنه بين نمطي الطلب الأدنى و الأقصى خلال شهري كانون الثاني و آب من عام 2021	20
21	Peak Annual Demand (Gross MW)	الأحمال السنوية القصوى (ميجاوات)	21
22	Minimum Annual Demand (Gross MW)	الأحمال السنوية الدنيا (ميجاوات)	22
23	Peak Annual Demand Dates	تاريخ حصول الأحمال القصوى	23
24	Minimum Annual Demand Dates	تاريخ حصول الأحمال الدنيا	24
25	Peak Monthly Demand (Gross MW) 2017 - 2021	الأحمال الشهرية القصوى (ميجاوات) 2017 - 2021	25
27	Minimum Monthly Demand (Gross MW) 2017 - 2021	الأحمال الشهرية الدنيا (ميجاوات) 2017 - 2021	27
28	Ratio of Monthly Peak to Annual Peak of Abu Dhabi Region	الذروة الشهرية مقارنة بالذروة السنوية لمنطقة أبوظبي	28
29	Ratio of Monthly Peak to Annual Peak of Al Ain Region	الذروة الشهرية مقارنة بالذروة السنوية لمنطقة العين	29
30	Ratio of Monthly Peak to Annual Peak of Al Dhafra Region	الذروة الشهرية مقارنة بالذروة السنوية في منطقة الظفرة	30
31	Ratio of Monthly Peak to Annual Peak of System	الذروة الشهرية مقارنة بالذروة السنوية للشبكة	31
32	Annual Energy Demand (Gross GWh)	الطاقة المستهلكة سنوياً (جيجاوات ساعة)	32
34	Monthly Energy Demand (Gross GWh) 2017 - 2021	الطاقة المستهلكة شهرياً (جيجاوات ساعة) 2017 - 2021	34
35	Ratio of Monthly Energy Demand to Annual Peak Energy Demand of Abu Dhabi Region	نسبة الطلب الشهري على الطاقة مقارنة بذروة الطلب السنوي	35
36	Ratio of Monthly Energy Demand to Annual Peak Energy Demand of Al Ain Region	الاستهلاك الشهري مقارنة بالاستهلاك السنوي لمنطقة العين	36

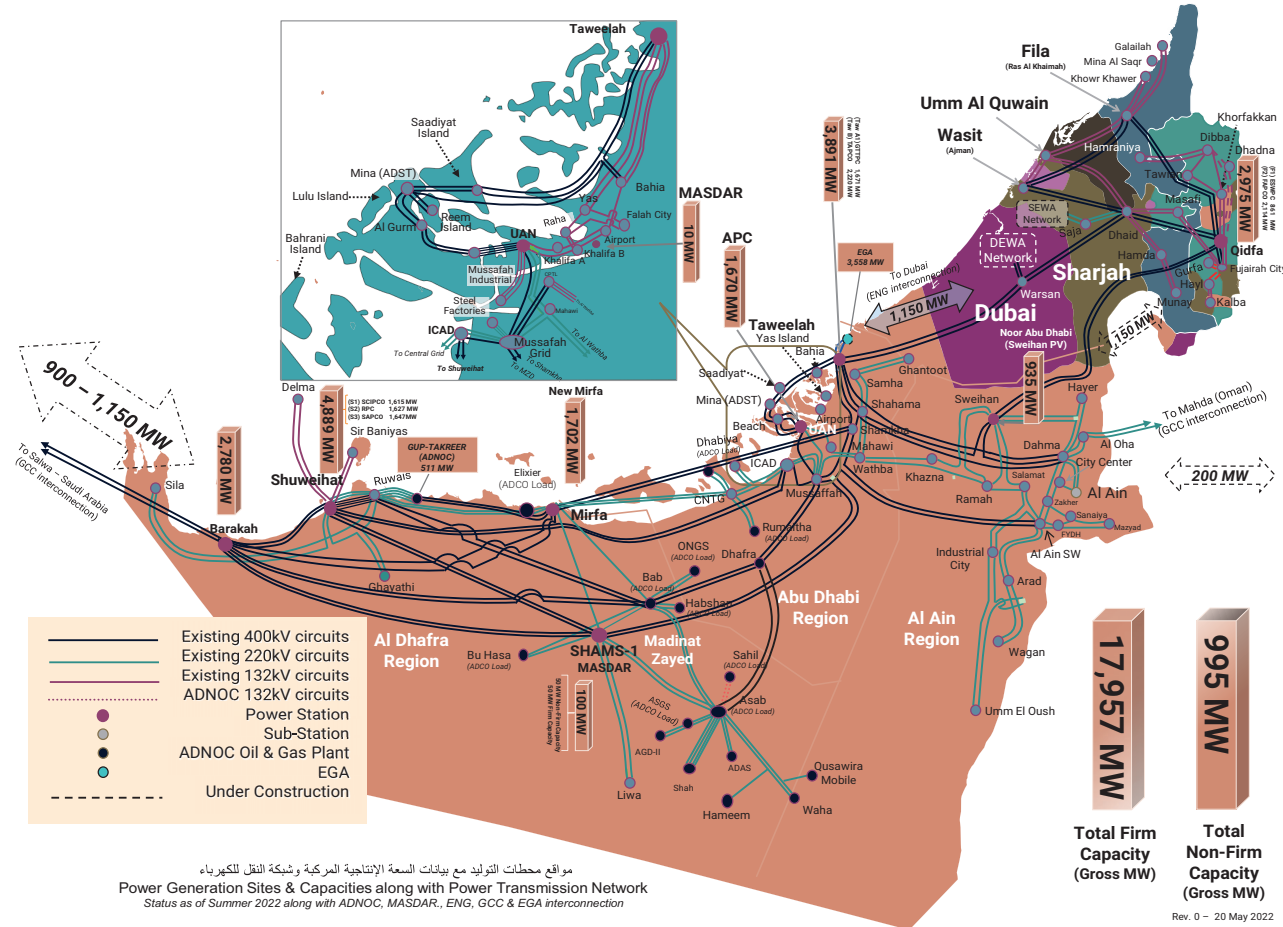
إحصائيات الكهرباء

Electricity Statistics

37	Ratio of Monthly Energy Demand to Annual Peak Energy Demand of Al Dhafra Region	نسبة الطلب الشهري قياساً بذروة الطلب السنوي على الطاقة في منطقة الظفرة	37
38	Ratio of Monthly Energy Demand to Annual Peak Energy Demand of System	نسبة الطلب الشهري على الطاقة مقارنةً بذروة الطلب السنوي في النظام	38
39	Annual Electricity Generation (Gross GWh)	الإنتاج السنوي للكهرباء (كيلو واط ساعة)	39
41	Annual Electricity Generation by Region (Gross GWh)	الإنتاج السنوي للكهرباء حسب المنطقة (كيلو واط ساعة)	41
42	Annual Electricity Generation by Company (Gross GWh)	الإنتاج السنوي للكهرباء حسب الشركة (كيلو واط ساعة)	42
43	Energy Generation by Type of Generator (Gross GWh)	كمية الطاقة المولدة حسب نوع المولدات (جيجاوات ساعة)	43
43	Energy Generation by Type of Generator (Percent)	نسبة توليد الطاقة حسب نوع المولدات	43
44	Annual Auxiliary Electricity Consumption by Station (GWh)	الاستهلاك الداخلي السنوي للمحطات (كيلو واط ساعة)	44
46	Annual Electricity Exports and Imports (MWh)	كميات الكهرباء المصدرة و المستوردة سنوياً (ميجاوات ساعة)	46
47	Monthly Electricity Exports and Imports (MWh) 2016 - 2017	كميات الكهرباء المصدرة و المستوردة شهرياً (ميجاوات ساعة) 2016 - 2017	47
48	Monthly Electricity Exports and Imports (MWh) 2018 - 2019	كميات الكهرباء المصدرة و المستوردة شهرياً (ميجاوات ساعة) 2018 - 2019	48
49	Monthly Electricity Exports and Imports (MWh) 2020 - 2021	كميات الكهرباء المصدرة و المستوردة شهرياً (ميجاوات ساعة) 2020 - 2021	49
50	System Weekly Electricity Peak Demand (MW) 1999 - 2021	الأحمال القصوى الأسبوعية للشبكة (ميجاوات) 1999 - 2021	50
52	System Weekly Electricity Peak (Percentage of Annual Peak) 1999 - 2021	الأحمال القصوى الأسبوعية للشبكة (نسبة مئوية من الذروة) 1999 - 2021	52

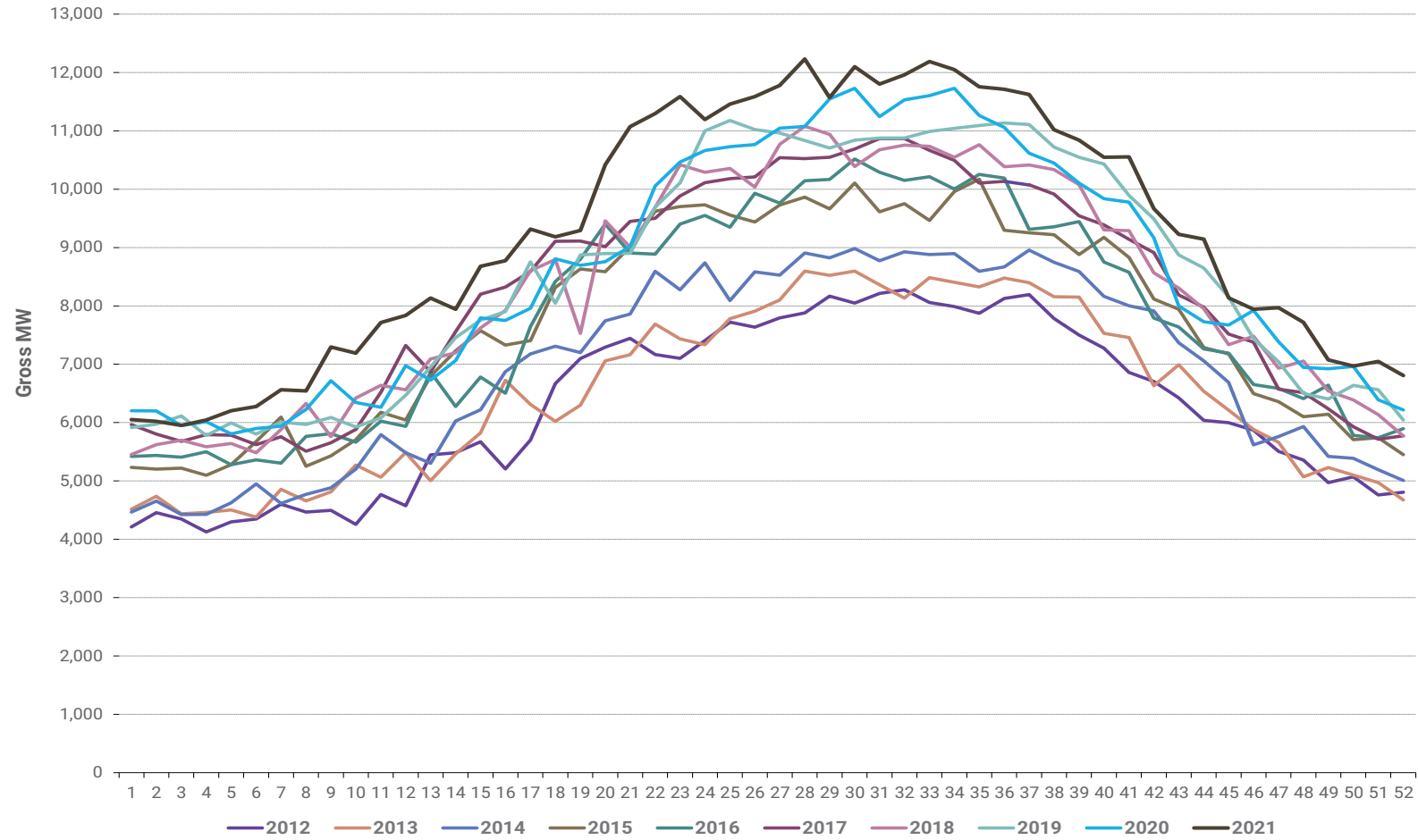
شبكة الكهرباء حتى صيف 2022

Electricity System Network (Summer 2022)



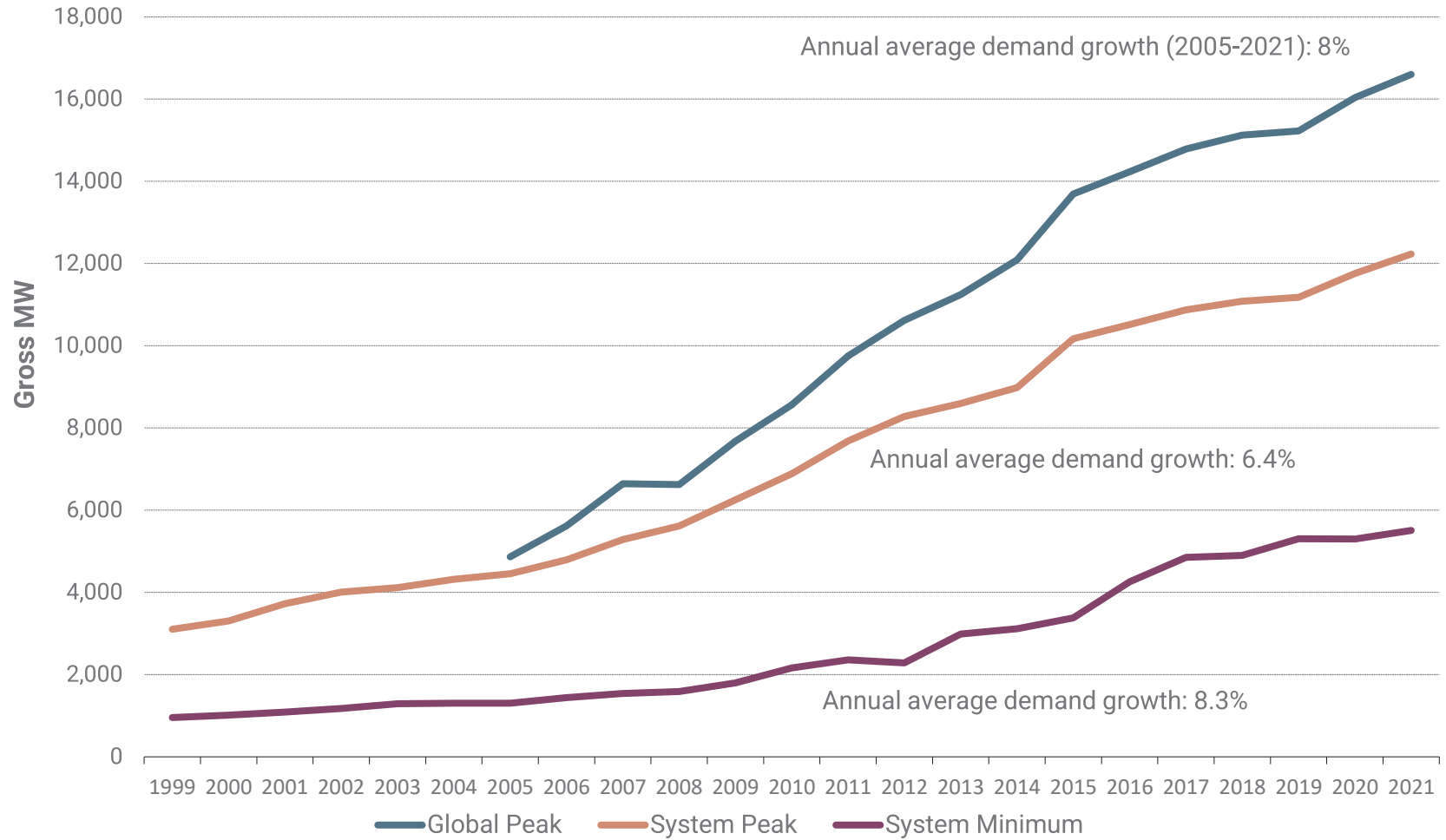
الأحمال القصوى الأسبوعية للشبكة 2012 - 2021

System Weekly Electricity Peaks 2012 - 2021



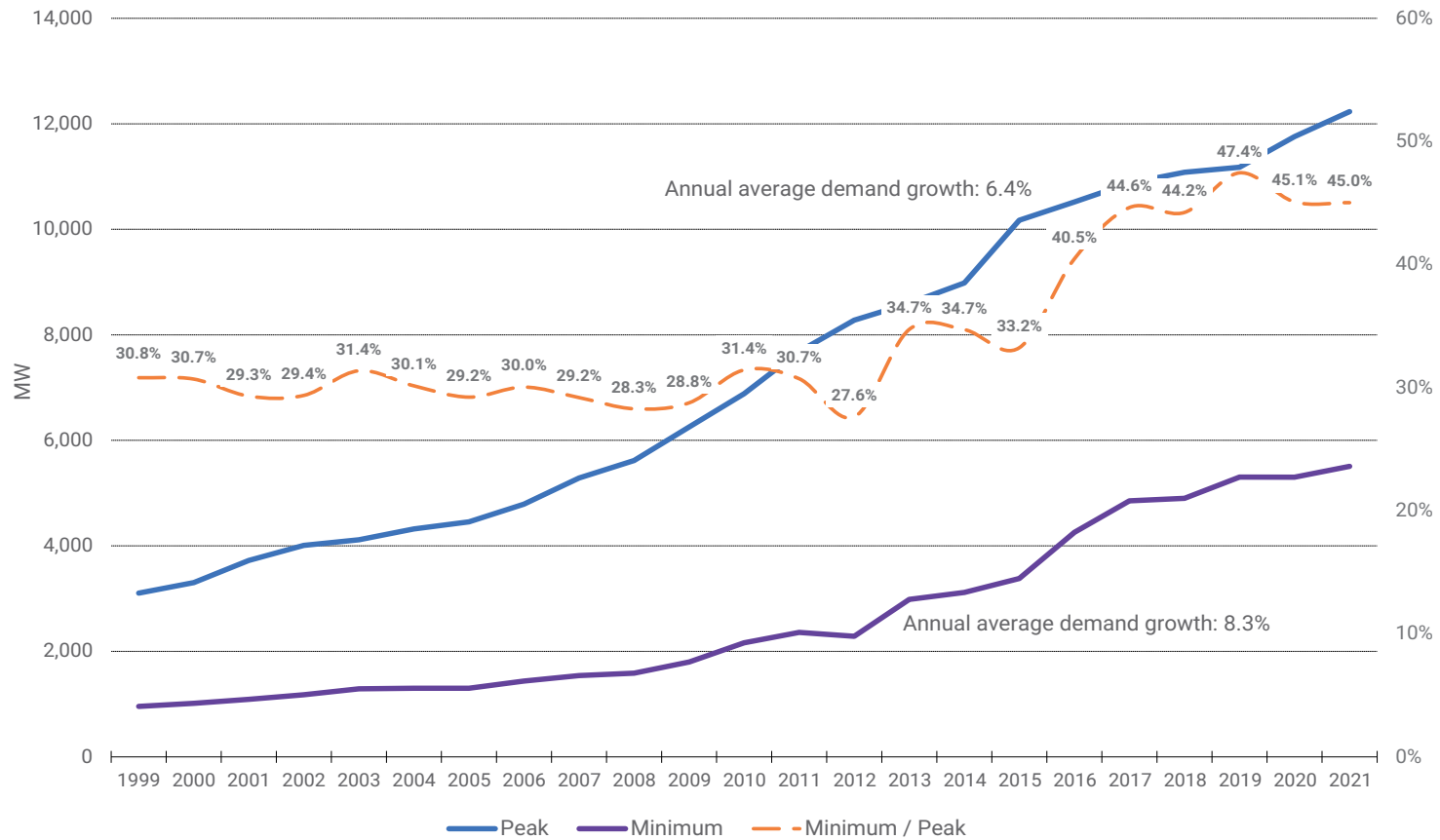
إجمالي الحمل الأقصى و الأدنى للشبكة في إمارة أبوظبي 1999 - 2021

Global Abu Dhabi System Peak & Minimum Demands 1999 - 2021



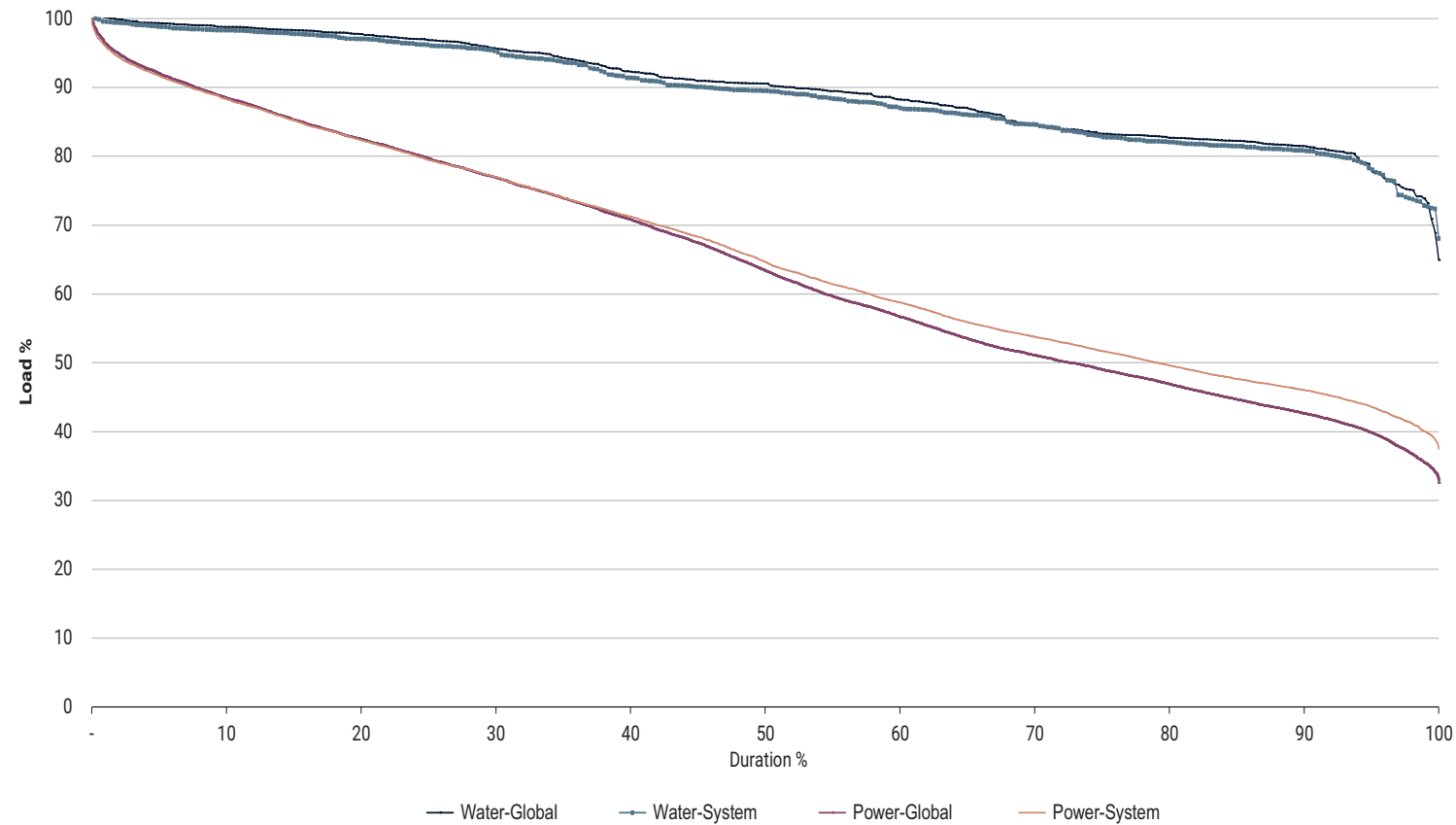
الأحمال القصوى و الأحمال الدنيا و نسبتها المئوية من الأحمال القصوى للشبكة

Ratio of System Electricity Minimum / Peak Demands



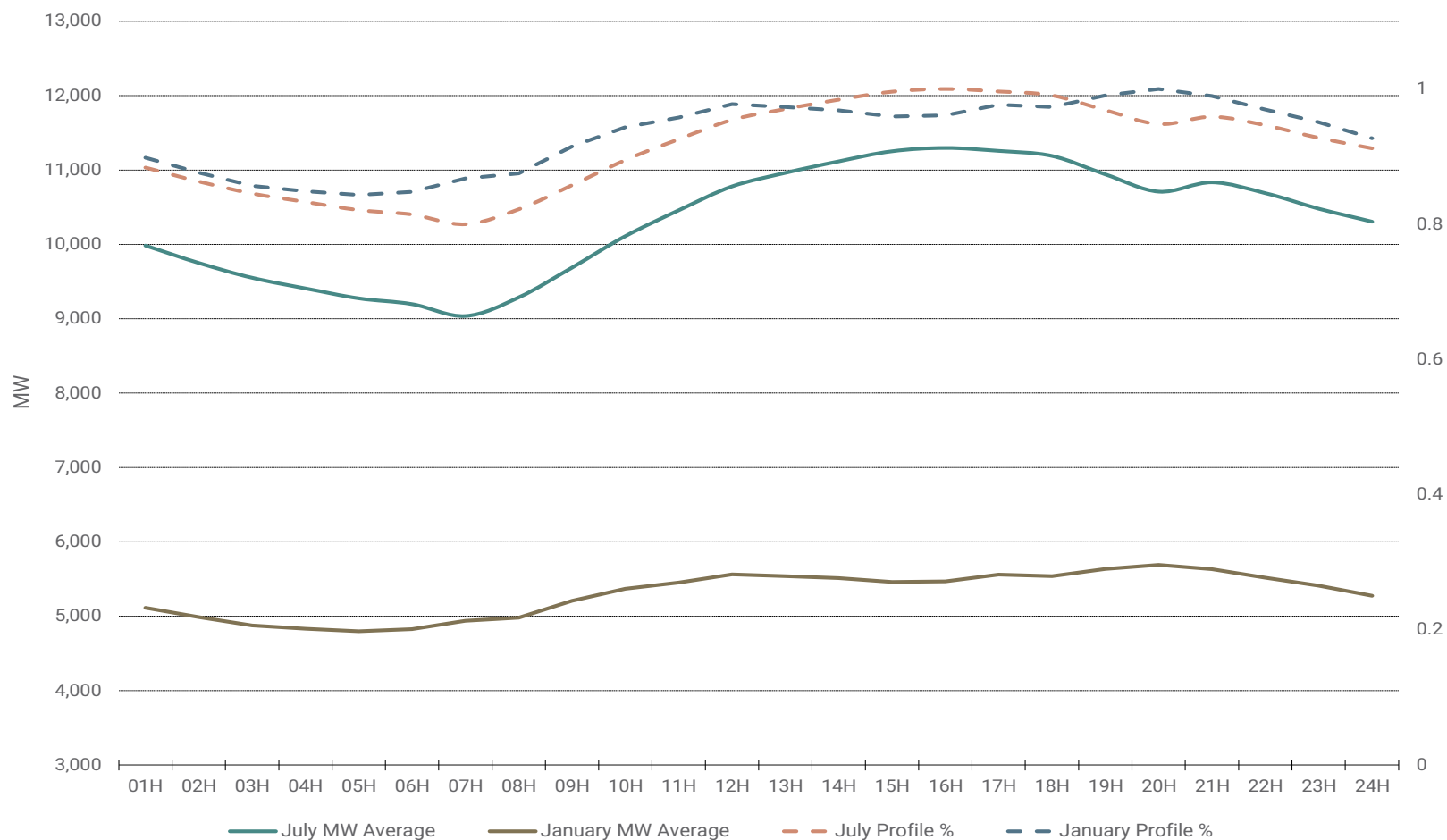
منحنى الأحمال الزمني للشبكة للعام 2021

2021 System Load Duration Curves



أنماط الطلب على الكهرباء في أبوظبي للعام 2021

Abu Dhabi 2021 System Electricity Demand Profiles



مقارنه بين نمطي الطلب الأدنى و الأقصى خلال شهري يناير وأغسطس من عام 2021

Abu Dhabi 2021 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
2021	7,180	2,489	2,465	12,231	16,601	17,324
1999-2021 Average Growth Rate				6.5%	7.3%	

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%
2021	2,980	734	1,023	5,507	6,761	45.0%
1999-2021 Average Growth Rate				8.3%	9.7%	

سجلات الأحمال السنوية القصوى

Peak Annual Demand Dates

Year	Abu Dhabi	Al Ain	Al Dhafra	System	Global
1999	Wednesday-18-August-1999 14:00	Saturday-04-September-1999 16:00	Wednesday-22-September-1999 13:00	Saturday-04-September-1999 16:00	
2000	Tuesday-18-July-2000 14:00	Sunday-04-June-2000 16:00	Saturday-30-September-2000 14:00	Tuesday-29-August-2000 16:00	
2001	Sunday-02-September-2001 14:00	Sunday-02-September-2001 17:00	Monday-23-July-2001 16:00	Sunday-02-September-2001 16:00	
2002	Wednesday-04-September-2002 14:00	Wednesday-04-September-2002 17:00	Tuesday-24-September-2002 16:00	Wednesday-04-September-2002 17:00	
2003	Tuesday-19-August-2003 14:00	Saturday-06-September-2003 17:00	Saturday-06-September-2003 20:00	Saturday-06-September-2003 17:00	
2004	Sunday-11-July-2004 20:00	Wednesday-07-July-2004 17:00	Thursday-05-August-2004 20:00	Wednesday-18-August-2004 19:30	
2005	Monday-25-July-2005 14:00	Saturday-25-June-2005 17:00	Tuesday-13-September-2005 17:00	Tuesday-02-August-2005 16:50	
2006	Wednesday-16-August-2006 20:00	Wednesday-28-June-2006 17:00	Sunday-13-August-2006 20:00	Saturday-19-August-2006 16:43	
2007	Wednesday-05-September-2007 20:00	Wednesday-20-June-2007 17:00	Sunday-02-September-2007 17:00	Sunday-02-September-2007 16:05	
2008	Sunday-03-August-2008 20:00	Thursday-17-July-2008 17:00	Saturday-06-September-2008 22:00	Sunday-31-August-2008 16:40	
2009	Monday-17-August-2009 20:00	Thursday-27-August-2009 17:00	Tuesday-25-August-2009 19:00	Monday-17-August-2009 19:34	
2010	Wednesday-14-July-2010 16:41	Monday-19-July-2010 16:21	Sunday-29-August-2010 15:37	Wednesday-14-July-2010 16:41	
2011	Monday-15-August-2011 16:53	Monday-15-August-2011 16:53	Monday-29-August-2011 16:09	Monday-15-August-2011 16:41	Monday-15-August-2011 16:41
2012	Monday-06-August-2012 16:39	Monday-30-July-2012 16:45	Thursday-09-August-2012 12:52	Monday-06-August-2012 16:39	Monday-06-August-2012 16:39
2013	Tuesday-13-August-2013 12:30	Monday-22-July-2013 16:52	Wednesday-28-August-2013 16:07	Monday-22-July-2013 16:52	Sunday-21-July-2013 15:23
2014	Monday-08-September-2014 16:24	Tuesday-15-July-2014 16:36	Tuesday-23-September-2014 15:30	Monday-21-July-2014 16:29	Monday-21-July-2014 16:29
2015	Wednesday-02-September-2015 15:01	Thursday-03-September-2015 15:53	Wednesday-10-June-2015 14:25	Sunday-30-August-2015 16:35	Wednesday-29-July-2015 15:34
2016	Sunday-24-July-2016 16:01	Sunday-14-August-2016 16:49	Tuesday-06-September-2016 14:27	Sunday-24-July-2016 16:01	Sunday-24-July-2016 16:01
2017	Wednesday-02-August-2017 15:47	Wednesday-26-July-2017 16:24	Friday-05-May-2017 14:15	Thursday-03-August-2017 13:27	Wednesday-02-August-2017 15:47
2018	Wednesday-11-July-2018 15:39	Thursday-12-July-2018 15:55	Sunday-15-July-2018 14:44	Wednesday-11-July-2018 15:39	Wednesday-11-July-2018 15:39
2019	Sunday-18-August-2019 14:41	Tuesday-25-June-2019 16:36	Thursday-05-September-2019 15:43	Sunday-08-September-2019 15:41	Sunday-08-September-2019 15:41
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
2021	Sunday-25-July-2021 14:42	Monday-16-August-2021 15:17	Tuesday-13-July-2021 15:49	Tuesday-13-July-2021 15:49	Tuesday-13-July-2021 15:49

سجلات الأعمال 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
2021	Sunday-31-January-2021 18:19	Sunday-19-December-2021 17:55	Tuesday-26-January-2021 18:20	Friday-15-January-2021 18:30	Friday-15-January-2021 18:30

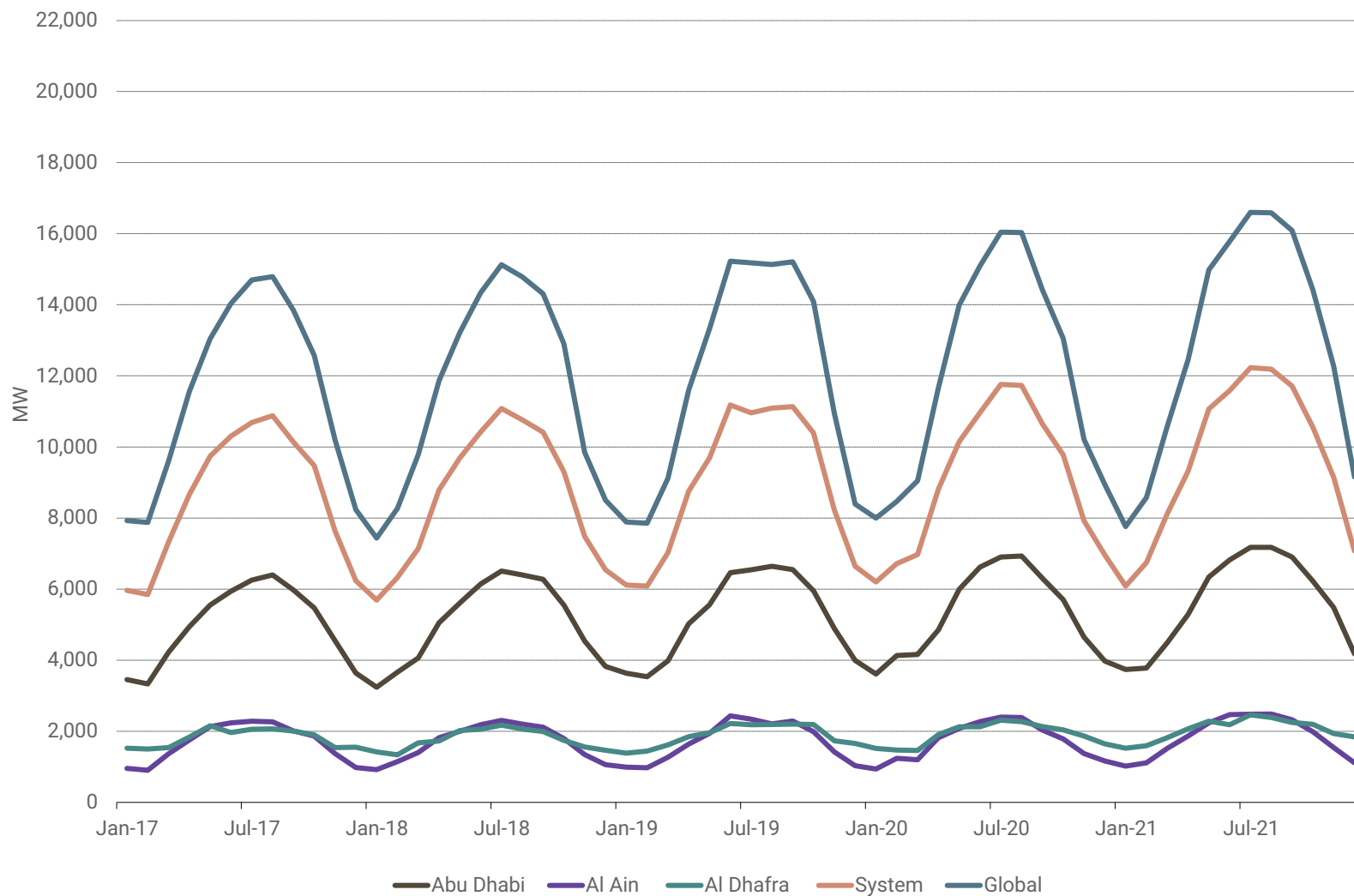
الأحمال الشهرية القصوى (ميجاوات) 2021 - 2017

Peak Monthly Demand (Gross MW) 2017 - 2021

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
System Peak Availability	14,435	11,648	13,904	15,071	15,330	15,191	15,031	15,477	14,925	15,080	16,078	15,307
2018												
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	3,243	3,660	4,064	5,052	5,612	6,141	6,511	6,401	6,274	5,550	4,540	3,822
Al Ain	922	1,149	1,400	1,821	2,002	2,186	2,307	2,203	2,117	1,795	1,343	1,060
Al Dhafra	1,420	1,341	1,672	1,726	2,022	2,055	2,175	2,061	1,994	1,747	1,560	1,468
System	5,696	6,329	7,139	8,793	9,690	10,420	11,080	10,762	10,416	9,302	7,481	6,543
Global	7,441	8,273	9,781	11,864	13,218	14,340	15,125	14,783	14,310	12,899	9,848	8,504
System Peak Availability	15,458	13,948	15,137	16,545	16,115	16,152	15,973	16,377	16,195	16,309	13,041	13,449
2019												
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	3,631	3,535	3,979	5,024	5,557	6,461	6,542	6,642	6,546	5,949	4,889	3,995
Al Ain	992	976	1,266	1,639	1,941	2,433	2,343	2,209	2,287	1,987	1,418	1,033
Al Dhafra	1,382	1,444	1,614	1,850	1,956	2,221	2,187	2,190	2,200	2,191	1,732	1,656
System	6,115	6,087	7,025	8,756	9,691	11,179	10,962	11,092	11,136	10,393	8,222	6,640
Global	7,889	7,855	9,118	11,605	13,322	15,223	15,181	15,135	15,206	14,090	10,944	8,394
System Peak Availability	14,908	13,518	15,452	16,188	16,475	15,961	16,666	16,257	16,415	16,309	15,050	13,169
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
System Peak Availability	14,908	13,518	15,452	16,188	16,475	15,961	16,666	16,257	16,415	16,309	15,050	13,169
2021												
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	3,740	3,780	4,494	5,286	6,340	6,823	7,180	7,174	6,900	6,226	5,480	4,180
Al Ain	1,020	1,112	1,517	1,867	2,235	2,468	2,481	2,489	2,325	1,989	1,539	1,115
Al Dhafra	1,521	1,592	1,819	2,070	2,285	2,184	2,465	2,386	2,248	2,196	1,935	1,842
System	6,085	6,746	8,122	9,316	11,072	11,586	12,231	12,188	11,712	10,555	9,143	7,073
Global	7,759	8,577	10,578	12,450	14,979	15,783	16,601	16,588	16,086	14,420	12,270	9,159
System Peak Availability	16,659	13,943	15,761	17,815	16,933	17,965	17,324	16,711	17,082	16,497	13,755	13,920

الأحمال الشهرية القصوى (ميجاوات) 2017 - 2021

Peak Monthly Demand (Gross MW) 2017 - 2021



الأحمال الشهرية الدنيا (ميجاوات) 2017 - 2021

Minimum Monthly Demand (Gross MW) 2017 - 2021

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	4,709	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
2021												
Month	January	February	March	April	May	June	July	August	September	October	November	December
Abu Dhabi	2,739	2,979	3,524	4,173	4,699	5,112	5,529	5,488	5,286	4,690	4,073	3,237
Al Ain	575	737	1,000	1,368	1,648	1,746	1,785	1,786	1,685	1,498	1,063	797
Al Dhafra	1,395	1,468	1,580	1,676	1,812	1,868	2,175	2,053	2,053	1,967	1,728	1,739
System	4,659	5,039	5,874	7,194	7,986	8,587	9,428	9,253	8,831	8,134	6,862	5,506
Global	6,030	6,968	7,932	9,927	11,274	11,805	13,197	12,790	12,539	11,559	9,475	7,486

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
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
2021	3,740	3,780	4,494	5,286	6,340	6,823	7,180	7,174	6,900	6,226	5,480	4,180

Ratio of Abu Dhabi Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2012	54.60	54.93	63.17	75.41	87.18	89.60	98.92	100.00	97.76	86.41	73.50	60.46
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
2021	52.09	52.65	62.59	73.62	88.30	95.03	100.00	99.92	96.10	86.71	76.32	58.22

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
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	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	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
2021	1,020	1,112	1,517	1,867	2,235	2,468	2,481	2,489	2,325	1,989	1,539	1,115

Ratio of Al Ain Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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	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	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
2021	40.98	44.68	60.95	75.01	89.80	99.16	99.68	100.00	100.00	80.69	62.43	45.23

الذروة الشهرية مقارنة بالذروة السنوية في منطقة الظفرة

Ratio of Monthly Peak to Annual Peak of Al Dhafra Region

Al Dhafra Region Peak Demand (MW)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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	954	907	1,368	1,758	2,134	2,234	2,284	2,268	2,012	1,864	1,376	980
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
2021	1,521	1,592	1,819	2,070	2,285	2,184	2,465	2,386	2,248	2,196	1,935	1,842

Ratio of Al Dhafra Region Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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	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	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
2021	61.70	64.58	73.79	83.98	92.70	88.60	100.00	96.80	91.20	89.09	78.50	74.73

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
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
2021	6,085	6,746	8,122	9,316	11,072	11,586	12,231	12,188	11,712	10,555	9,143	7,073

Ratio of System Monthly Peak to Annual Peak (MW) (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2021	49.75	55.15	66.41	76.17	90.52	94.73	100.00	99.65	95.76	86.30	74.75	57.83

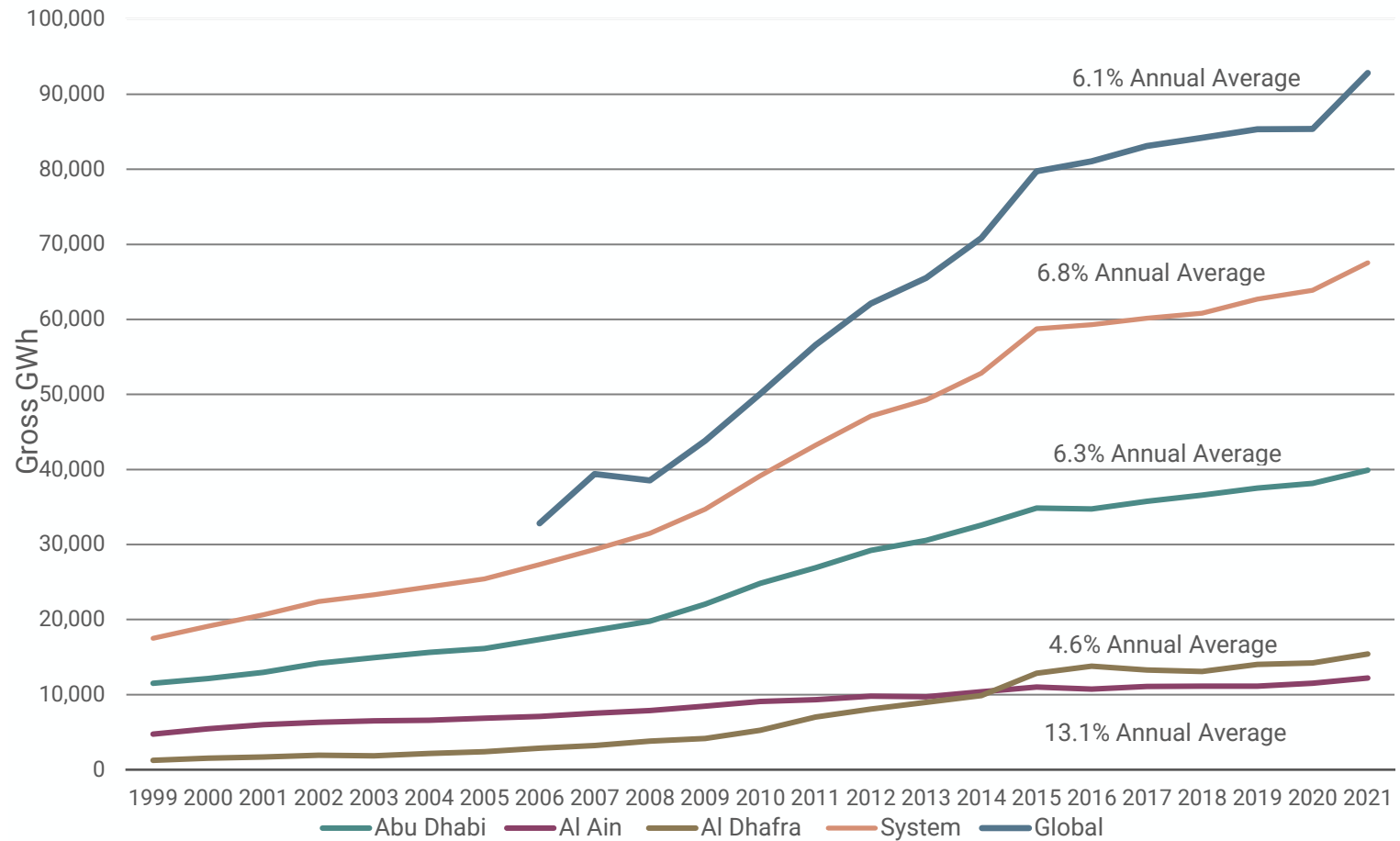
الطلب السنوي على الكهرباء (جيجاوات ساعة)

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
2021	39,906	12,217	15,420	67,543	92,835	92,625

* Global includes exports to Northern Emirates

الطلب السنوي على الكهرباء (جيجاوات ساعة) Annual Energy Demand (Gross GWh)



الطلب الشهري على الكهرباء (جيجاوات ساعة) 2021 - 2017

Monthly Energy Demand (Gross GWh) 2017 - 2021

2017	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	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	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	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
2021	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	2,226	2,105	2,686	2,963	3,652	4,083	4,404	4,474	4,093	3,661	2,991	2,569	39,906
Al Ain	553	562	787	949	1,215	1,400	1,473	1,467	1,312	1,081	789	630	12,217
Al Dhafra	975	958	1,136	1,156	1,352	1,385	1,575	1,593	1,455	1,412	1,189	1,234	15,420
System	3,754	3,624	4,608	5,067	6,220	6,868	7,452	7,534	6,860	6,154	4,969	4,433	67,543
Global	4,890	4,821	6,251	6,788	8,636	9,628	10,437	10,477	9,645	8,631	6,720	5,911	92,835
Global including GCC	4,892	4,823	6,252	6,790	8,638	9,630	10,305	10,142	9,447	8,633	7,047	6,025	92,625

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
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
2021	2,226	2,105	2,686	2,963	3,652	4,083	4,404	4,474	4,093	3,661	2,991	2,569

Ratio of Abu Dhabi Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2021	49.76	47.05	60.03	66.23	81.64	91.27	98.45	100.00	91.49	81.84	66.86	57.42

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
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
2021	553	562	787	949	1,215	1,400	1,473	1,467	1,312	1,081	789	630

Ratio of Al Ain Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2021	37.54	38.14	53.42	64.44	82.54	95.06	100.00	99.63	89.12	73.38	53.59	42.78

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
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
2021	975	958	1,136	1,156	1,352	1,385	1,575	1,593	1,455	1,412	1,189	1,234

Ratio of Al Dhafra Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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
2021	61.18	60.10	71.30	72.53	84.85	86.90	98.87	100.00	91.29	88.63	74.61	77.46

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
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
2021	3,754	3,624	4,608	5,067	6,220	6,868	7,452	7,534	6,860	6,154	4,969	4,433

Ratio of System Energy Demand to Peak Monthly Energy Demand (%)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
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	51.68	49.42	60.93	72.35	86.23	94.02	103.68	103.54	98.49	89.87	69.11	62.33
2014	56.75	55.59	65.64	75.94	93.48	103.32	111.04	109.38	100.69	94.42	74.34	68.92
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
2021	49.82	48.10	61.17	67.26	82.55	91.15	98.92	100.00	91.05	81.68	65.95	58.84

الإنتاج السنوي للكهرباء (ميجاوات ساعة)

Annual Electricity Generation (Gross GWh)

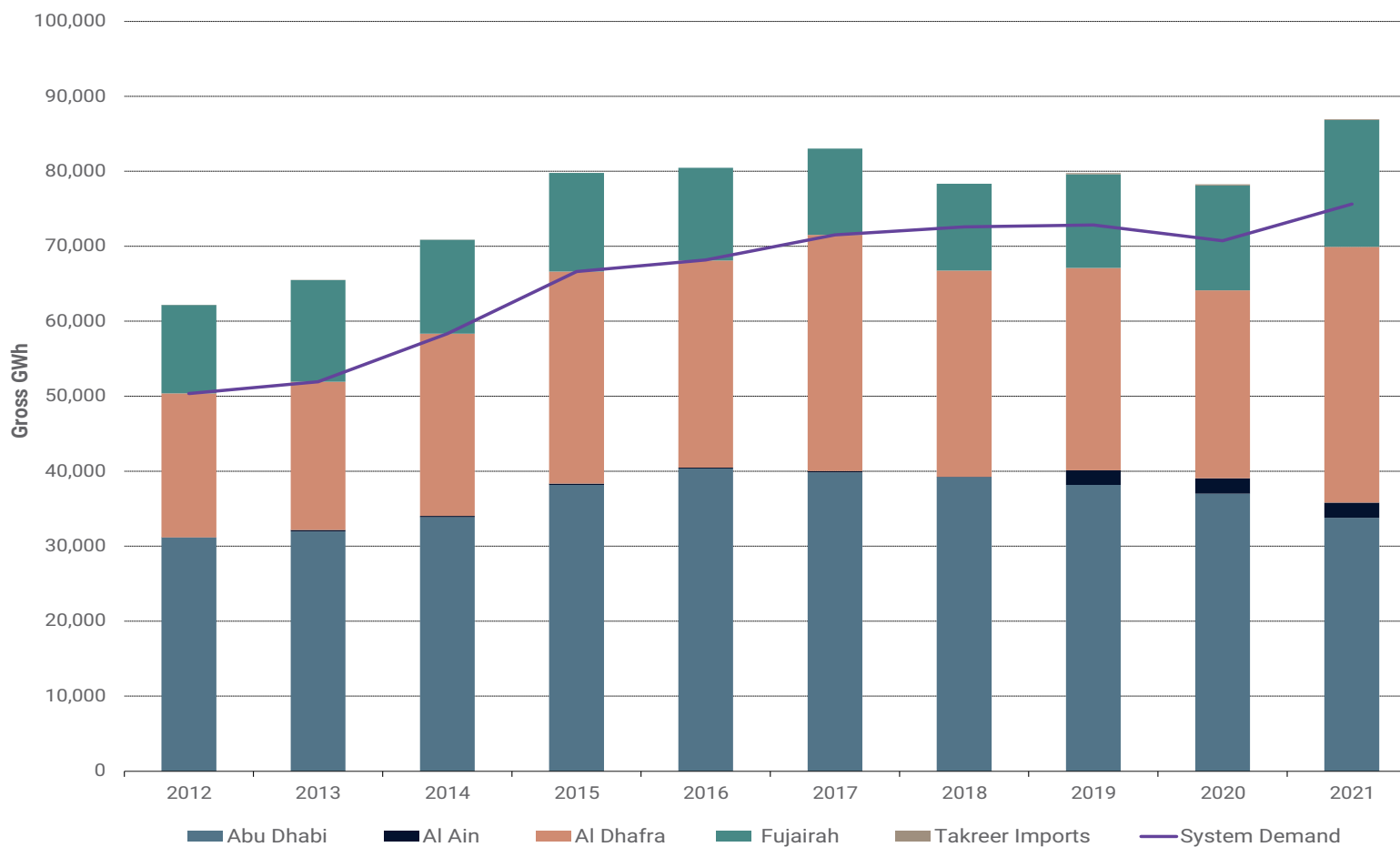
Station	Annual Electricity Generation									
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Taweelah B	1,478	823	1,821	1,601	1,664	1,753	1,776	1,664	1,061	1,098
Taweelah B2 Extension	2,103	1,776	2,151	2,308	2,255	2,242	2,296	2,351	2,219	2,302
Taweelah New Extension	6,490	6,899	6,831	7,732	7,853	7,337	7,474	6,977	7,659	7,144
TAPCO Total	10,070	9,498	10,803	11,641	11,773	11,332	11,546	10,991	10,940	10,545
Al Ain		203	178	198	130	179	49	3,919	4	0
Al Mirfa	666	277	29	78					0	0
Madinat Zayed	20	90	25	29	39	20	12	651	0	0
AMPC Total	686	569	231	305	169	199	61	4,570	4	0
New Mirfa					75	3,089	5,844	6,369	6,621	5,718
MIPCO Total					75	3,089	5,844	6,369	6,621	5,718
Shams 1		54	243	243	261	257	233	230	252	270
Masdar PV									15	14
Masdar Total		54	243	243	261	257	233	230	267	284
Taweelah A2	4,458	4,546	5,162	5,206	4,998	5,161	5,525	5,168	4,786	3,493
ECPC Total	4,458	4,546	5,162	5,206	4,998	5,161	5,525	5,168	4,786	3,493
Taweelah A1	6,850	7,134	7,867	9,620	11,108	10,493	10,339	11,204	10,770	9,347
GTPCO Total	6,850	7,134	7,867	9,620	11,108	10,493	10,339	11,204	10,770	9,347
Shuweihat S1	9,422	9,287	9,344	9,991	10,362	9,399	8,958	9,588	9,695	10,687
SCIPCO Total	9,422	9,287	9,344	9,991	10,362	9,399	8,958	9,588	9,695	10,687
Shuweihat S2	9,090	9,887	8,916	9,747	10,430	10,919	10,404	10,350	9,633	9,257
RPC Total	9,090	9,887	8,916	9,747	10,430	10,919	10,404	10,350	9,633	9,257
Shuweihat S3		181	5,740	8,183	6,545	10,919	7,877	6,158	3,699	3,834
SAPCO Total		181	5,740	8,183	6,545	10,919	7,877	6,158	3,699	3,834

الإنتاج السنوي للكهرباء (ميجاوات ساعة) (تابع)

Annual Electricity Generation (Gross GWh) (continued)

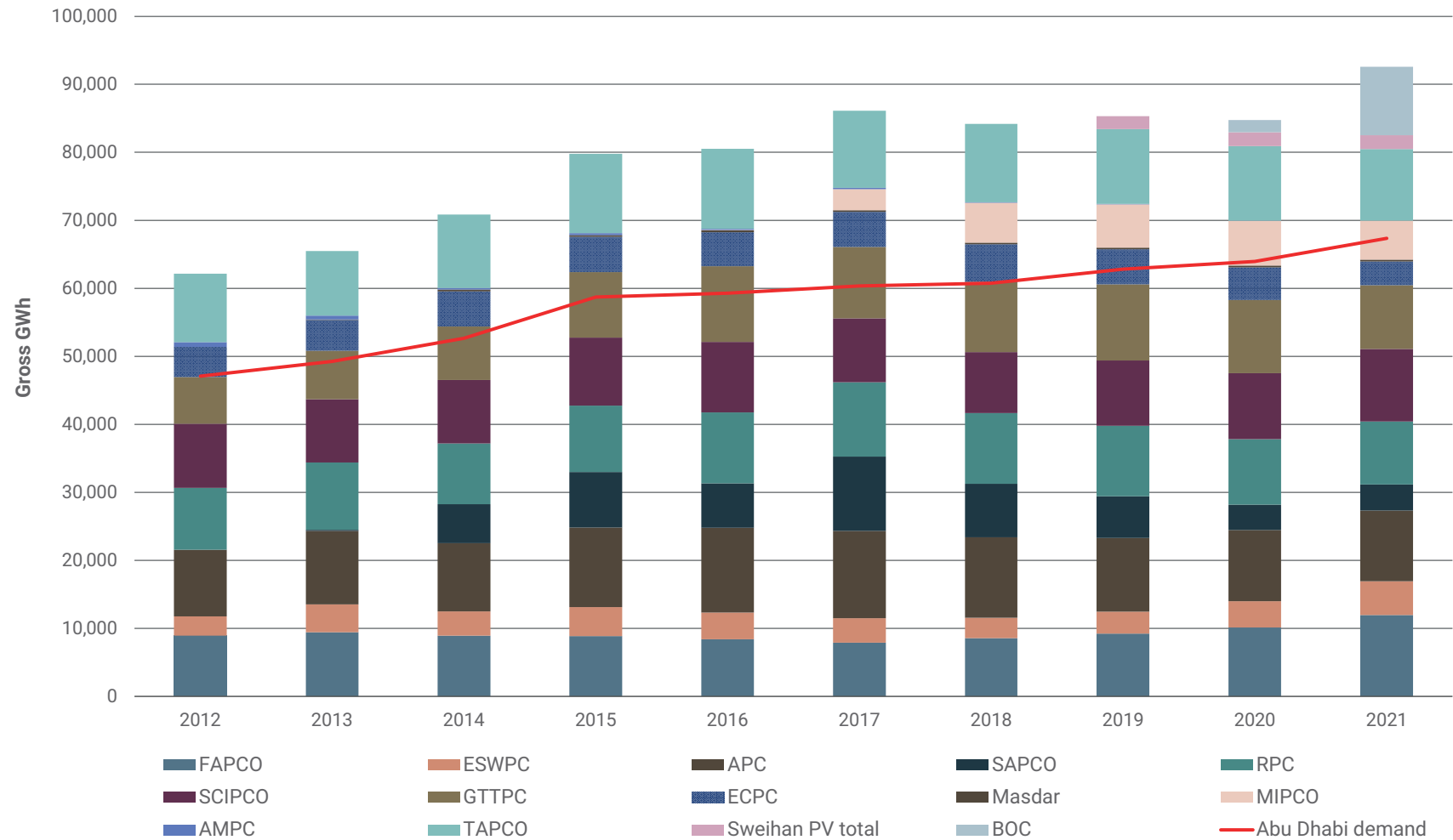
Station	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Noor Abu Dhabi								1,918	2,043	2,008
SWEIHAN PV Total								1,918	2,043	2,008
BNPP									1,791	10,067
BOC									1,791	10,067
Umm Al Nar East	44	136	61	238	91	30	25	3	2	15
Umm Al Nar West	1,445	1,605	1,200	1,547	1,318	1,428	602	116	73	159
Sas Al Nakhl	8,312	9,039	8,775	9,906	11,053	11,391	11,172	10,689	10,414	10,218
APC Total	9,801	10,780	10,036	11,691	12,462	12,850	11,798	10,807	10,489	10,392
EWEC SYSTEM Total	50,378	51,702	52,359	58,201	61,302	60,352	64,709	72,830	70,737	75,632
Net Imports from EMAL	-2	26	11	-24	-9	-2	44	-121	-29	-37
Net Imports from (ENG) to Abu Dhabi	-4,698	1	-5,494	-7	-8	-9	-9	-8	-7	-5,745
Net Imports from (ENG)	-13,594	-14,781	-16,809	-19,616	-20,179	-21,067	-21,801	-20,790	-19,244	-23,162
Net Imports from Takreer	2,828	1,631	687					156	143	95
Net Imports from GCC	-34,087	-15,425	-27,519	-14,655	635	102	-27	-12	509	210
Total Net Imports	-13,627	-14,769	-16,824	-19,616	-19,554	-20,966	-21,785	-20,776	-18,621	-22,893
Qidfa Auxiliary	1,423	1,457	1,376	1,418	1,687	1,677	1,644	1,713	2,166	2,313
Abu Dhabi Demand	47,115	49,267	52,646	58,736	59,286	60,363	60,753	62,837	63,952	67,360
ESWPC	2,853	4,097	3,541	4,263	3,940	3,577	3,004	3,248	3,842	4,961
FAPCO	8,934	9,458	8,963	8,880	8,404	7,924	8,592	9,241	10,161	11,974
Global Generation	62,165	65,492	70,847	71,344	80,527	83,006	84,182	85,319	84,740	92,567
Global Energy Demand	62,132	65,505	70,831	79,730	81,077	83,106	84,199	85,341	85,362	92,835
Global Energy Demand including GCC	62,166	65,520	70,860	79,758	81,280	82,925	84,237	85,345	84,853	92,625

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	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Fossil Fuels	62,165	65,439	70,604	79,526	80,266	82,748	83,949	83,171	80,639	80,208
Nuclear									1,791	10,067
Solar PV								1,918	2,058	2,022
CSP		54	243	243	261	257	233	230	252	270
Total	62,165	65,492	70,847	79,769	80,527	83,006	84,182	85,319	84,740	92,567

نسبة توليد الطاقة حسب نوع المولدات

Energy Generation by Type of Generator (Percent)

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Fossil Fuels	100.0%	99.9%	99.7%	99.7%	99.7%	99.7%	99.7%	97.5%	97.5%	99.7%
Nuclear	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Solar PV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	2.2%	0.0%
CSP	0.0%	0.1%	0.3%	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)

Station	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Taweelah B	731	643	705	698	653	680	658	595	641	672
Taweelah B2 Extension	215	271	223	204	166	170	164	179	165	240
Taweelah New Extension	603	599	521	562	549	515	570	504	547	528
TAPCO Total	1,549	1,513	1,448	1,463	1,368	1,365	1,392	1,279	1,353	1,440
Al Ain	3	5	5	5	5	5	4	3	3	0
Al Mirfa	268	189	175	160	0	0	0	0	0	0
Madinat Zayed	1,956	2	2	2	2	2	2	2	2	0
AMPC Total	2,227	196	181	167	6	7	5	5	5	0
Shams 1		20	29	29	30	31	29	26	29	30
Shams 1 Total		20	29	29	30	31	29	26	29	30
Taweelah A1	501	510	532	538	559	544	541	497	553	536
GTPPC Total	501	510	532	538	559	544	541	497	553	536
Taweelah A2	425	411	438	428	413	423	436	419	419	322
ECPC Total	425	411	438	428	413	423	436	419	419	322

الاستهلاك الداخلي السنوي للمحطات (ميجاوات ساعة) (تابع)

Annual Auxiliary Electricity Consumption by Station (GWh)
(continued)

Station	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Shuweiha S1	829	867	848	833	846	785	810	716	876	914
SCIPCO Total	829	867	848	833	846	785	810	716	876	914
Shuweiha S2	625	720	723	753	762	746	728	746	705	714
RPC Total	625	720	723	753	762	746	728	746	705	714
Shuweiha S3		20	2,257	257	216	256	254	213	164	167
SAPCO Total		20	2,257	257	216	256	254	213	164	167
New Mirfa					86	582	594	624	659	711
MIPCO Total					86	582	594	624	659	711
BNPP									275	807
BOC Total									275	807
Noor Abu Dhabi									27	50
Sweihan PV Total									27	50
Umm Al Nar East	166	171	161	169	163	132	96	29	7	8
Umm Al Nar West	360	345	334	359	340	342	225	120	90	77
Sas Al Nakhl	822	846	780	1	812	783	828	796	728	724
APC Total	1,348	1,361	1,275	528	1,315	1,256	1,149	945	824	809
EWEK System Total	7,503	5,620	5,699	5,773	5,516	5,995	5,939	5,469	5,888	6,523
ESWPC	778	850	741	771	854	856	808	829	865	934
FAPCO	645	607	635	646	631	636	637	656	629	650
Global Auxiliary Consumption	6,972	7,077	7,075	7,191	7,001	7,487	7,384	6,953	7,382	8,107

كميات الكهرباء المصدرة والمستوردة سنويا (ميجاوات ساعة)

Annual Electricity Exports and Imports (MWh)

Year	Abu Dhabi	Al Ain	Al Dhafra	Takreer (including Al Dhafra)	EMAL	ENG			Al Dhafra	
	Abu Dhabi/ 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
2021	-6,114,644	-5,305,702	24,412,731	94,554	-36,674	-5,745,122	-17,416,411	-23,161,533	131,478	-355,616

كميات الكهرباء المصدرة و المستوردة شهريا (ميجاوات ساعة) 2017 - 2016

Monthly Electricity Exports and Imports (MWh) 2016 - 2017

2016													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	789,191	465,241	433,887	622,590	601,072	642,495	267,682	291,603	359,065	369,581	210,914	527,015	5,580,336
Al Ain -> Abu Dhabi	-729,285	-559,511	-620,727	-744,996	-1,020,040	-1,039,731	-926,194	-923,547	-913,997	-798,676	-731,862	-720,834	-9,729,398
Al Ain -> Al Dhafra	-120,750	-132,127	-136,473	-135,373	-301,193	-356,500	-391,184	-394,626	-357,964	-304,411	-271,982	-221,640	-3,124,221
Al Ain -> Fujairah	329,813	180,291	147,791	164,573	88,042	83,761	175,045	177,257	108,464	171,576	313,728	361,249	2,301,588
Al Ain -> GCC	6,397	-3,137	-666	-2,310	149,162	139,006	-147,466	-148,071	412	-7,048	-6,844	-4,518	-25,084
Total flow from Al Ain	-513,826	-514,484	-610,075	-718,105	-1,084,030	-1,173,464	-1,289,799	-1,288,987	-1,163,086	-938,559	-696,960	-585,743	-10,577,115
Al Dhafra -> Abu Dhabi	520,311	540,448	621,485	559,058	1,030,961	1,164,461	1,434,137	1,428,280	1,248,407	1,076,460	1,035,237	733,829	11,393,075
Al Dhafra -> Al Ain	120,750	132,127	136,473	135,373	301,193	356,500	391,184	394,626	357,964	304,411	271,982	221,640	3,124,221
Al Dhafra -> GCC	-3,827	-3,405	-2,517	4,875	1,844	-102,512	-212,455	-210,403	-95,966	7,281	9,292	10,983	-596,812
Total flow from Al Dhafra	637,234	669,170	755,441	699,306	1,333,998	1,418,448	1,612,866	1,612,503	1,510,405	1,388,152	1,316,511	966,451	13,920,485
Takreer													
EMAL	-577	-791	956	-958	32,567	-79,484	-71,614	-82,754	-72,996	-1,394	177,067	90,605	-9,374
Other Emirates -> Abu Dhabi	-609	-468	-469	-548	-740	-766	-805	-804	-707	-695	-677	-660	-7,947
Other Emirates -> Fujairah	-1,126,567	-1,005,305	-1,240,154	-1,383,809	-1,869,017	-2,196,315	-2,336,239	-2,345,326	-2,108,984	-1,901,187	-1,453,016	-1,205,242	-20,171,161
Other Emirates	-1,127,176	-1,005,773	-1,240,623	-1,384,357	-1,869,757	-2,197,081	-2,337,045	-2,346,130	-2,109,691	-1,901,882	-1,453,693	-1,205,902	-20,179,108
2017													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	354,870	162,946	517,328	446,652	387,353	464,241	500,615	383,179	266,939	-123,409	182,806	523,245	4,066,765
Al Ain -> Abu Dhabi	-601,480	-485,604	-820,753	-814,536	-946,255	-1,065,808	-1,151,766	-1,112,661	-948,993	-711,388	-652,235	-708,996	-10,020,475
Al Ain -> Al Dhafra	-273,381	-192,829	-252,944	-264,706	-390,787	-443,836	-477,526	-468,947	-397,113	-381,040	-299,093	-178,295	-4,020,494
Al Ain -> Fujairah	356,445	205,035	407,443	180,764	205,698	271,645	311,626	295,474	182,821	93,438	253,092	347,232	3,110,711
Al Ain -> GCC	758	-3,573	1,796	1,083	3,496	1,514	-6,920	-10,140	704	-9,217	-3,131	-4,855	-28,486
Total flow from Al Ain	-517,658	-476,971	-664,458	-897,395	-1,127,849	-1,236,485	-1,324,586	-1,296,273	-1,162,582	-1,008,208	-701,368	-544,914	-10,958,744
Al Dhafra -> Abu Dhabi	799,199	643,536	888,167	855,127	1,229,405	1,499,683	1,458,326	1,439,314	1,478,522	1,421,166	1,426,867	1,196,715	14,336,027
Al Dhafra -> Al Ain	273,381	192,829	252,944	264,706	390,787	443,836	477,526	468,947	397,113	381,040	299,093	178,295	4,020,494
Al Dhafra -> GCC	-5,911	-5,140	-4,037	-5,518	-3,418	-8,109	125,841	139,762	-6,967	-6,099	-184,195	-185,551	-149,341
Total flow from Al Dhafra	1,066,669	831,224	1,137,074	1,114,314	1,616,773	1,935,410	2,061,693	2,048,022	1,868,669	1,796,107	1,541,766	1,189,459	18,207,180
Takreer													
EMAL	89,083	119,154	146,271	136,582	123,060	-45,143	-192,390	-182,438	-175,708	-20,463		306	-1,685
Other Emirates -> Abu Dhabi	-639	-427	-734	-620	-800	-936	-1,021	-960	-760	-597	-615	-651	-8,759
Other Emirates -> Fujairah	-1,189,378	-927,587	-1,294,535	-1,536,090	-2,022,550	-2,377,251	-2,591,601	-2,501,430	-2,115,183	-1,969,898	-1,378,908	-1,153,342	-21,057,754
Other Emirates	-1,190,018	-928,015	-1,295,269	-1,536,710	-2,023,350	-2,378,187	-2,592,622	-2,502,390	-2,115,944	-1,970,495	-1,379,523	-1,153,993	-21,066,513

كميات الكهرباء المصدرة و المستوردة شهريا (ميجاوات ساعة) 2019 - 2018

Monthly Electricity Exports and Imports (MWh) 2018 - 2019

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

كميات الكهرباء المصدرة والمستوردة شهريا (ميجاوات ساعة) 2020 - 2021

Monthly Electricity Exports and Imports (MWh) 2020 - 2021

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
2021													
Month	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	-127,473	26,850	-366,023	-612,177	-565,942	-649,830	-667,035	-720,759	-654,074	-589,120	-582,322	-606,738	-6,114,644
Al Ain -> Abu Dhabi	-215,706	-280,670	-351,947	-576,083	-423,973	-611,422	-591,481	-514,254	-506,320	-523,834	-545,343	-476,634	-5,617,667
Al Ain -> Al Dhafra	-133,963	-140,483	-144,253	-13,665	-432,675	-328,357	-303,106	-295,657	-293,781	-172,398			-2,258,338
Al Ain -> Fujairah	-61,479	90,959	348,501	289,297	445,918	302,761	351,031	365,609	324,789	158,219	121,697	188,617	2,925,919
Al Ain -> GCC	-2,575	-2,682	-4,919	-6,203	-8,080	-9,811	-144,329	-257,298	-125,326	-4,181	101,114	108,674	-355,616
Total flow from Al Ain	-413,723	-332,876	-152,618	-306,654	-418,810	-646,829	-687,885	-701,600	-600,638	-542,194	-322,532	-179,343	-5,305,702
Al Dhafra -> Abu Dhabi	779,453	728,049	1,542,574	1,918,562	2,206,918	2,340,015	2,365,525	2,083,061	2,144,793	1,959,235	1,973,118	1,981,612	22,022,915
Al Dhafra -> Al Ain	133,963	140,483	144,253	13,665	432,675	328,357	303,106	295,657	293,781	172,398			2,258,338
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	912,019	866,598	1,682,430	1,929,022	2,637,122	2,665,226	2,663,282	2,448,684	2,512,858	2,124,200	1,980,453	1,990,837	24,412,731
Takreer	324	4,306	6,098	2,377	5,982	3,267	929	46,646	1,108	1,300	16,219	5,998	94,554
EMAL	-142,828	-117,808	-18	-41,950	-10,334	90,145	199,109	161,530	37,377	3	-55	-211,845	-36,674
Other Emirates -> Abu Dhabi	-267,528	-246,580	-386,831	-410,786	-644,244	-640,778	-715,484	-721,891	-638,077	-418,897	-305,106	-348,920	-5,745,122
Other Emirates -> Fujairah	-665,022	-767,125	-1,096,922	-1,300,459	-1,570,218	-1,926,905	-2,049,741	-2,091,300	-1,942,276	-1,838,584	-1,244,154	-923,705	-17,416,411
Other Emirates	-932,550	-1,013,705	-1,483,753	-1,711,245	-2,214,462	-2,567,683	-2,765,225	-2,813,191	-2,580,353	-2,257,481	-1,549,260	-1,272,625	-23,161,533

الأحمال القصوى الأسبوعية للشبكة (ميغاوات) 1999 - 2021

System Weekly Electricity Peak Demand (MW) 1999 - 2021

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
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	4,357	4,713	4,713	5,368	5,605	5,964	5,485	5,916	6,202	6,050
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	4,602	4,992	4,913	5,306	5,634	5,843	5,620	5,972	6,198	6,022
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	4,523	4,644	4,675	5,326	5,623	5,679	5,696	6,115	5,947	5,954
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	4,250	4,654	4,676	5,223	5,690	5,847	5,584	5,777	6,015	6,044
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	4,465	4,712	4,843	5,389	5,474	5,782	5,641	5,996	5,808	6,201
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	4,531	4,592	5,163	5,692	5,584	5,623	5,482	5,804	5,900	6,274
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	4,766	5,001	4,817	6,159	5,669	5,849	5,956	6,008	5,938	6,561
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	4,635	4,856	4,982	5,349	5,973	5,511	6,329	5,969	6,227	6,541
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	4,672	5,007	5,088	5,531	6,005	5,655	5,841	6,087	6,719	7,296
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	4,455	5,447	5,420	5,795	5,872	5,881	6,420	5,926	6,345	7,191
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	4,913	5,258	6,029	6,260	6,202	6,521	6,763	6,081	6,263	7,716
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	4,762	5,657	5,657	6,114	6,146	7,323	6,562	6,470	6,974	7,837
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	5,646	5,244	5,488	6,843	7,093	6,868	7,139	6,952	6,727	8,135
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	5,647	5,659	6,195	7,200	6,607	7,559	7,196	7,458	7,065	7,941
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	5,855	6,054	6,426	7,525	7,004	8,200	7,621	7,753	7,795	8,678
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	5,394	6,957	7,105	7,314	6,708	8,321	7,922	7,903	7,751	8,775
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	5,892	6,548	7,393	7,503	7,885	8,591	8,603	8,756	7,958	9,316
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	6,874	6,247	7,552	8,464	8,637	9,107	8,793	8,046	8,809	9,183
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	7,327	6,523	7,452	8,516	9,071	9,111	9,063	8,872	8,694	9,293
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	7,511	7,280	7,976	8,560	9,677	9,066	9,458	8,898	8,757	10,418
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	7,646	7,401	8,105	9,032	9,165	9,447	9,007	8,899	9,019	11,072
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	7,357	7,914	8,847	9,874	9,218	9,745	9,690	9,691	10,055	11,296
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	7,329	7,663	8,543	9,973	9,634	9,883	10,420	10,108	10,463	11,586
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	7,626	7,576	9,007	10,005	9,804	10,306	10,290	10,999	10,663	11,194
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	7,958	8,015	8,329	9,830	9,720	10,180	10,357	11,179	10,728	11,458
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	7,868	8,169	8,835	9,691	10,247	10,274	10,036	11,024	10,766	11,588

الأحمال القصوى الأسبوعية للشبكة (ميجاوات) 1999 - 2021 (تابع)

System Weekly Electricity Peak Demand (MW) 1999 - 2021 (continued)

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
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	8,030	8,347	8,779	9,994	10,023	10,539	10,768	10,962	11,045	11,780
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	8,109	8,865	9,157	10,143	10,429	10,588	11,080	10,835	11,076	12,231
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	8,445	8,796	9,091	9,939	10,504	10,548	10,939	10,705	11,546	11,572
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	8,299	8,874	9,236	10,381	10,807	10,688	10,389	10,841	11,730	12,099
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	8,434	8,616	9,014	9,887	10,561	10,876	10,677	10,878	11,243	11,802
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	8,524	8,396	9,187	10,033	10,454	10,870	10,756	10,878	11,532	11,959
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	8,290	8,755	9,144	9,733	10,497	10,666	10,741	10,988	11,605	12,188
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	8,232	8,673	9,127	10,229	10,277	10,494	10,547	11,041	11,728	12,050
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	8,133	8,579	8,855	10,450	10,535	10,105	10,762	11,092	11,265	11,755
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	8,388	8,760	8,926	9,575	10,476	10,136	10,397	11,136	11,058	11,712
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	8,427	8,681	9,213	9,514	9,586	10,074	10,416	11,108	10,615	11,624
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	8,011	8,415	8,990	9,470	9,627	9,918	10,335	10,723	10,447	11,020
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	7,755	8,410	8,834	9,143	9,715	9,543	10,077	10,546	10,105	10,840
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	7,493	7,759	8,415	9,435	9,017	9,474	9,302	10,430	9,839	10,546
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	7,086	7,709	8,229	9,091	8,820	9,212	9,289	9,893	9,778	10,555
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	6,881	6,869	8,150	8,397	8,054	8,914	8,565	9,492	9,166	9,666
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	6,562	7,209	7,607	8,184	8,030	8,284	8,310	8,873	7,999	9,228
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	6,165	6,779	7,300	7,528	7,620	7,980	7,952	8,650	7,728	9,143
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	6,117	6,467	6,919	7,425	7,422	7,516	7,335	8,153	7,671	8,138
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	5,989	6,129	5,862	6,735	6,921	7,378	7,481	7,438	7,924	7,944
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	5,638	5,902	6,004	6,585	6,816	6,572	6,932	7,041	7,384	7,968
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	5,479	5,307	6,151	6,351	6,630	6,512	7,053	6,500	6,945	7,717
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	5,094	5,475	5,651	6,329	6,868	6,236	6,543	6,405	6,922	7,073
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	5,192	5,341	5,611	5,914	5,997	5,929	6,389	6,640	6,963	6,969
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	4,887	5,211	5,431	5,935	5,957	5,744	6,138	6,562	6,392	7,047
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	4,989	4,925	5,230	5,764	6,115	5,772	5,771	6,043	6,217	6,806

الأحمال القصوى الأسبوعية للشبكة (نسبة مئوية من الذروة) 1999 - 2021

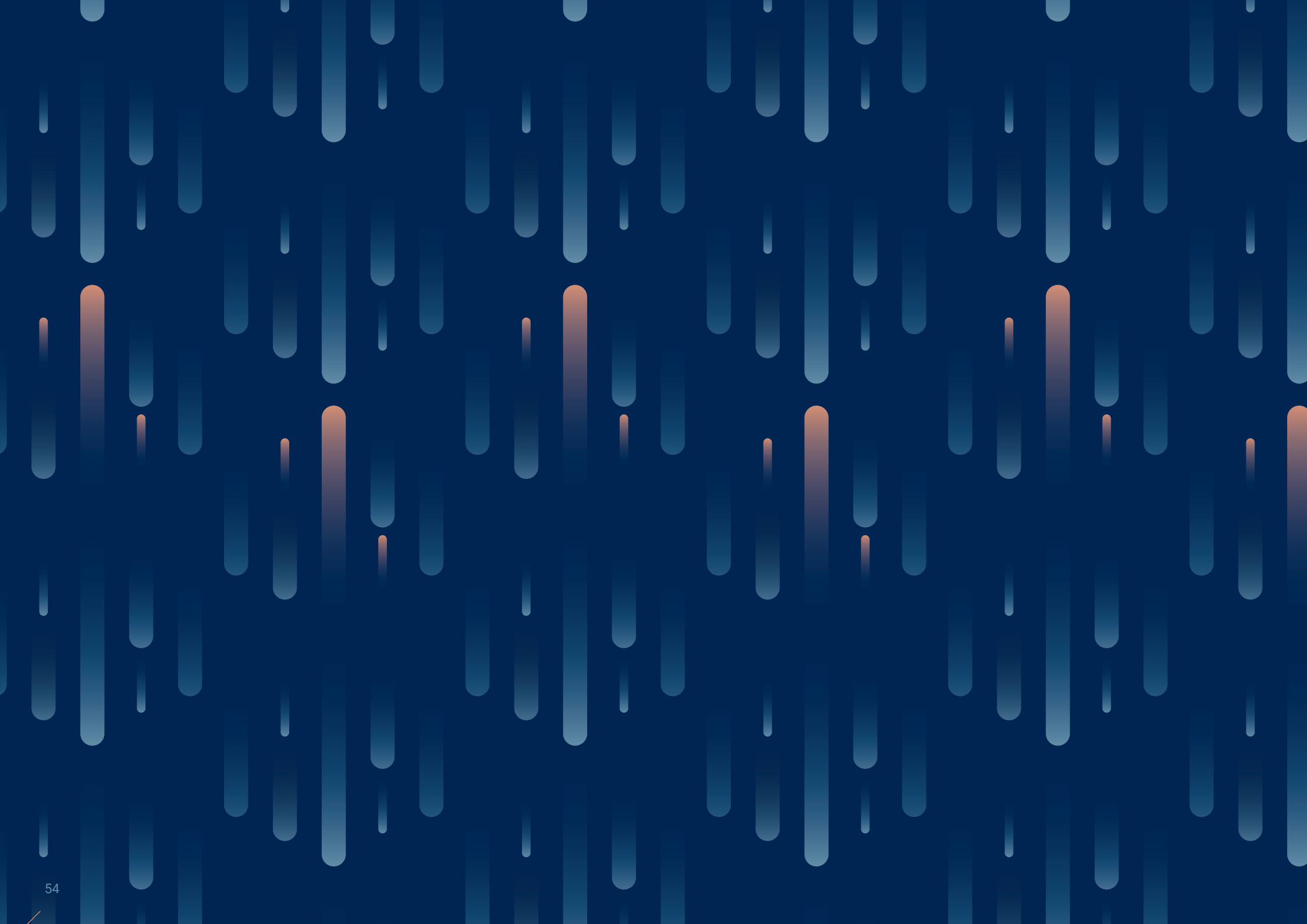
System Weekly Electricity Peak (Percentage of Annual Peak) 1999 - 2021

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
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%	51.1%	53.1%	51.0%	51.4%	51.9%	54.8%	49.5%	52.9%	52.9%	49.5%
2	47.0%	49.4%	48.6%	52.0%	49.2%	52.1%	49.8%	46.2%	46.3%	49.5%	46.5%	49.7%	50.3%	54.0%	56.3%	53.2%	50.8%	52.1%	53.7%	50.7%	53.4%	52.8%	49.2%
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%	53.1%	52.3%	50.6%	51.0%	52.0%	52.2%	51.4%	54.7%	50.7%	48.7%
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%	49.9%	52.4%	50.6%	50.0%	52.7%	53.8%	50.4%	51.7%	51.3%	49.4%
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%	52.4%	53.1%	52.4%	51.6%	50.7%	53.2%	50.9%	53.6%	49.5%	50.7%
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%	53.2%	51.7%	55.9%	54.5%	51.7%	51.7%	49.5%	51.9%	50.3%	51.3%
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%	55.9%	56.4%	52.2%	58.9%	52.5%	53.8%	53.8%	53.7%	50.6%	53.6%
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%	54.4%	54.7%	53.9%	51.2%	55.3%	50.7%	57.1%	53.4%	53.1%	53.5%
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%	54.8%	56.4%	55.1%	52.9%	55.6%	52.0%	52.7%	54.5%	57.3%	59.7%
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%	52.3%	61.4%	58.7%	55.5%	54.3%	54.1%	57.9%	53.0%	54.1%	58.8%
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%	59.3%	65.3%	59.9%	57.4%	60.0%	61.0%	54.4%	53.4%	63.1%
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%	55.9%	63.7%	61.2%	58.5%	56.9%	67.3%	59.2%	57.9%	59.5%	64.1%
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%	66.2%	59.1%	59.4%	65.5%	65.6%	63.1%	64.4%	62.2%	57.3%	66.5%
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%	63.8%	67.1%	68.9%	61.1%	69.5%	64.9%	66.7%	60.2%	64.9%
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%	68.7%	68.2%	69.6%	72.0%	64.8%	75.4%	68.8%	69.4%	66.5%	71.0%
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%	63.3%	78.4%	76.9%	70.0%	62.1%	76.5%	71.5%	70.7%	66.1%	71.7%
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%	69.1%	73.8%	80.0%	71.8%	73.0%	79.0%	77.6%	78.3%	67.8%	76.2%
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%	70.4%	81.8%	81.0%	79.9%	83.7%	79.4%	72.0%	75.1%	75.1%
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%	86.0%	73.5%	80.7%	81.5%	83.9%	83.8%	81.8%	79.4%	74.1%	76.0%
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%	82.0%	86.4%	81.9%	89.5%	83.4%	85.4%	79.6%	74.7%	85.2%
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%	89.7%	83.4%	87.8%	86.4%	84.8%	86.9%	81.3%	79.6%	76.9%	90.5%
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%	86.3%	89.2%	95.8%	94.5%	85.3%	89.6%	87.5%	86.7%	85.7%	92.4%
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%	86.0%	86.4%	92.5%	95.4%	89.1%	90.9%	94.0%	90.4%	89.2%	94.7%
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%	89.5%	85.4%	97.5%	95.7%	90.7%	94.8%	92.9%	98.4%	90.9%	91.5%
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%	93.4%	90.3%	90.2%	94.1%	89.9%	93.6%	93.5%	100.0%	91.5%	93.7%
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%	92.3%	92.1%	95.7%	92.7%	94.8%	94.5%	90.6%	98.6%	91.8%	94.7%

الأحمال القصوى الأسبوعية للشبكة (نسبة مئوية من الذروة) 1999 - 2021 (تابع)

System Weekly Electricity Peak
(Percentage of Annual Peak) 1999 - 2021 (continued)

Week	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
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%	94.2%	94.1%	95.1%	95.6%	92.7%	96.9%	97.2%	98.1%	94.2%	96.3%
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%	95.1%	99.9%	99.1%	97.1%	96.5%	97.4%	100.0%	96.9%	94.4%	100.0%
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%	99.1%	99.1%	98.4%	95.1%	97.2%	97.0%	98.7%	95.8%	98.4%	94.6%
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%	97.4%	100.0%	100.0%	99.3%	100.0%	98.3%	93.8%	97.0%	100.0%	98.9%
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%	98.9%	97.1%	97.6%	94.6%	97.7%	100.0%	96.4%	97.3%	95.8%	96.5%
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%	99.5%	96.0%	96.7%	99.9%	97.1%	97.3%	98.3%	97.8%
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%	99.0%	93.1%	97.1%	98.1%	96.9%	98.3%	98.9%	99.6%
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%	96.6%	97.7%	98.8%	97.9%	95.1%	96.5%	95.2%	98.8%	100.0%	98.5%
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%	95.4%	96.7%	95.9%	100.0%	97.5%	92.9%	97.1%	99.2%	96.0%	96.1%
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%	98.4%	98.7%	96.6%	91.6%	96.9%	93.2%	93.8%	99.6%	94.3%	95.8%
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%	98.9%	97.8%	99.8%	91.0%	88.7%	92.6%	94.0%	99.4%	90.5%	95.0%
38	96.4%	96.1%	96.7%	91.7%	97.0%	96.4%	94.9%	95.5%	93.7%	95.8%	93.8%	89.9%	91.9%	94.0%	94.8%	97.3%	90.6%	89.1%	91.2%	93.3%	95.9%	89.1%	90.1%
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%	91.0%	94.8%	95.6%	87.5%	89.9%	87.7%	90.9%	94.3%	86.1%	88.6%
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%	87.4%	91.1%	90.3%	83.4%	87.1%	84.0%	93.3%	83.9%	86.2%
41	90.9%	87.1%	89.1%	89.2%	91.0%	88.7%	87.1%	84.9%	83.3%	86.0%	83.5%	89.4%	84.1%	83.1%	86.9%	89.1%	87.0%	81.6%	84.7%	83.8%	88.5%	83.4%	86.3%
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%	80.7%	77.4%	88.2%	80.4%	74.5%	82.0%	77.3%	84.9%	78.1%	79.0%
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%	77.0%	81.2%	82.4%	78.3%	74.3%	76.2%	75.0%	79.4%	68.2%	75.4%
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%	72.3%	76.4%	79.0%	72.0%	70.5%	73.4%	71.8%	77.4%	65.9%	74.8%
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%	71.8%	72.9%	74.9%	71.1%	68.7%	69.1%	66.2%	72.9%	65.4%	66.5%
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%	70.3%	69.1%	63.5%	64.4%	64.0%	67.8%	67.5%	66.5%	67.6%	64.9%
47	70.5%	67.8%	60.3%	63.4%	63.7%	63.2%	69.7%	64.9%	64.9%	62.0%	65.9%	61.1%	66.7%	66.1%	66.5%	65.0%	63.0%	63.1%	60.4%	62.6%	63.0%	62.9%	65.1%
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%	64.3%	59.8%	66.6%	60.8%	61.3%	59.9%	63.7%	58.1%	59.2%	63.1%
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%	59.8%	61.7%	61.2%	60.6%	63.6%	57.3%	59.1%	57.3%	59.0%	57.8%
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%	60.9%	60.2%	60.8%	56.6%	55.5%	54.5%	57.7%	59.4%	59.4%	57.0%
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%	57.3%	58.7%	58.8%	56.8%	55.1%	52.8%	55.4%	58.7%	54.5%	57.6%
52	53.4%	52.4%	58.9%	54.4%	55.4%	54.1%	58.2%	50.8%	54.8%	52.6%	56.5%	56.2%	53.2%	58.5%	55.5%	56.6%	55.2%	56.6%	53.1%	52.1%	54.1%	53.0%	55.6%



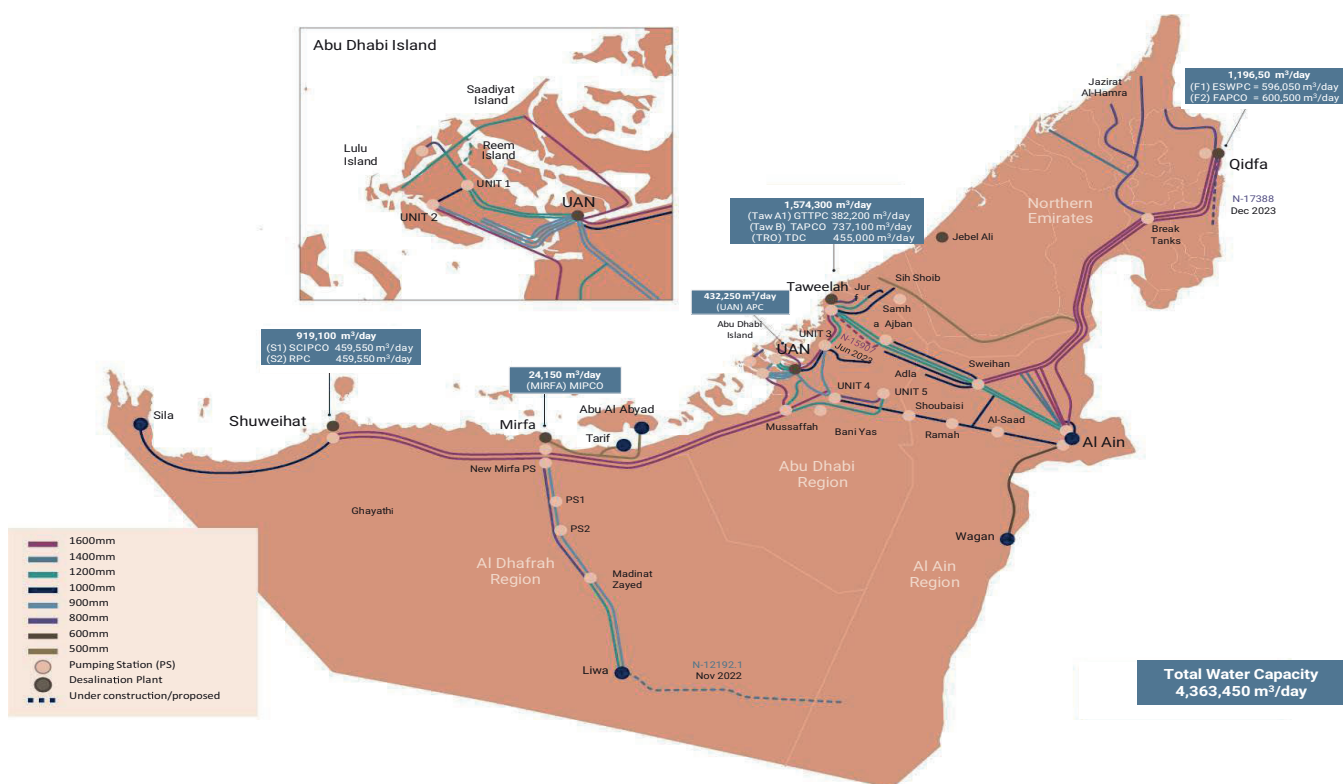
إحصائيات المياه

Water Statistics

56	Water System Network (Summer 2022)	شبكة المياه حتى صيف 2021	56
57	Water Annual Production by Company (million m3)	الإنتاج السنوي للمياه حسب الشركة (مليون متر مكعب)	57
58	Annual Water Production by Station (million m3) 2012 - 2022	الإنتاج السنوي حسب المحطات (مليون متر مكعب) 2012 - 2021	58
60	Annual Water Production by Region (million m3)	الإنتاج السنوي للمياه حسب المناطق (مليون متر مكعب)	60
60	Annual Average Daily Water Production by Region (million m3/day)	معدل الإنتاج اليومي للمياه سنويا حسب المناطق (مليون متر مكعب/اليوم)	60
61	Monthly Water Production by Region (million m3) 2016 - 2018	الإنتاج الشهري للمياه حسب المناطق (مليون متر مكعب) 2016 - 2018	61
62	Monthly Water Production by Region (million m3) 2019 - 2021	الإنتاج الشهري للمياه حسب المناطق (مليون متر مكعب) 2019 - 2021	62
63	Annual Water Supply by Company (million m3) 2012 - 2021	كميات المياه المصدرة سنويا حسب الشركات (مليون متر مكعب) 2012 - 2021	63
64	Annual Water Supply by Region (million m3) 2005 - 2021	كميات المياه المصدرة سنويا حسب المناطق (مليون متر مكعب) 2005 - 2021	64

شبكة المياه حتى صيف 2022

Water System Network (Summer 2022)

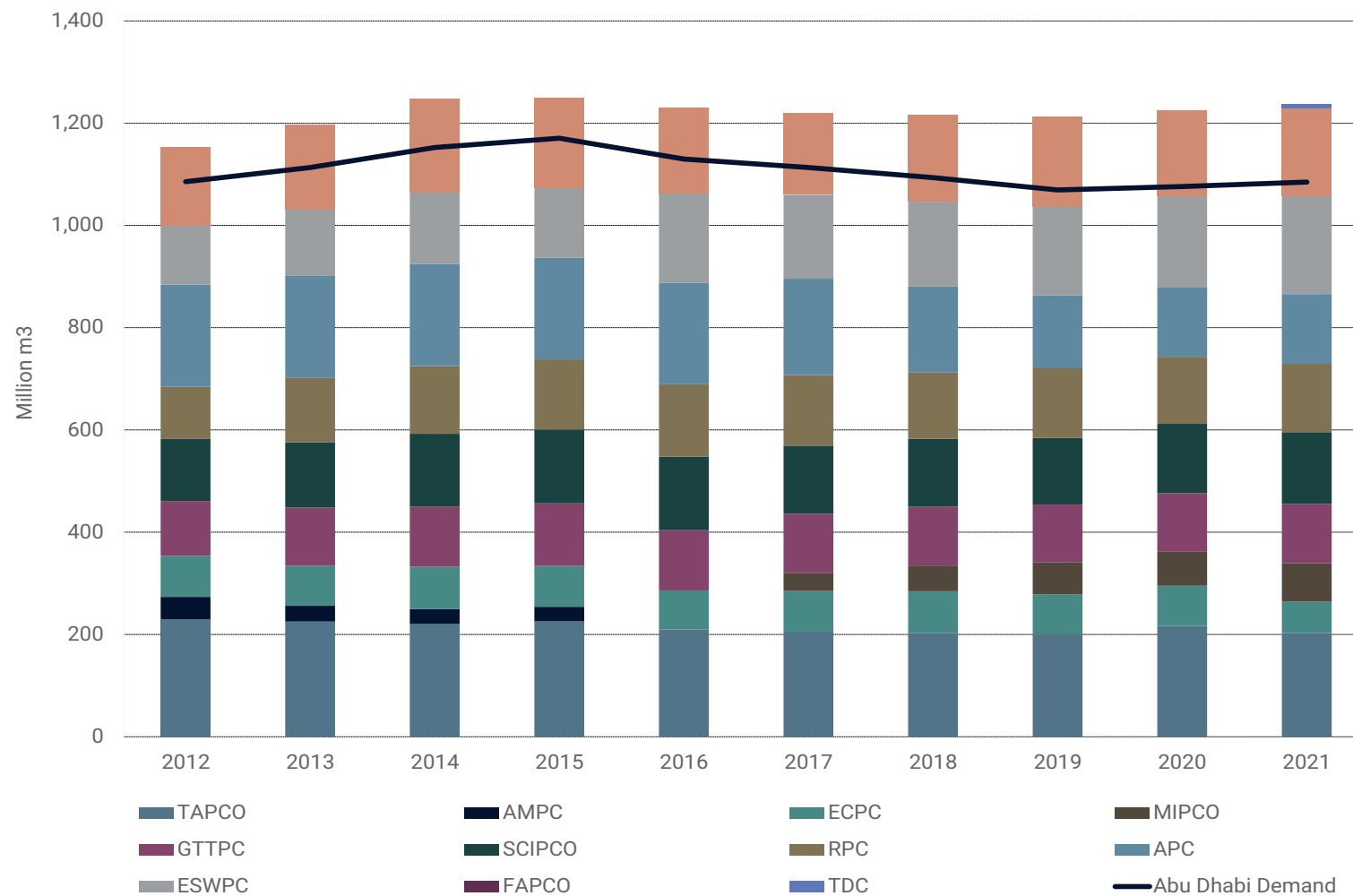


مواقع إنتاج المياه وسعة كل منها، قياسا بشبكة نقل المياه

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

Rev. 0 - May 2022

الإنتاج السنوي للمياه حسب الشركة (مليون متر مكعب) Water Annual Production by Company (million m3)



الإنتاج السنوي حسب المحطات (مليون متر مكعب) 2012 - 2021

Annual Water Production by Station (million m3) 2012-2021

Station	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Taweelah B	100.19	97.12	99.48	99.44	82.05	87.28	86.05	84.13	91.37	84.63
Taweelah B2 Extension	32.61	28.83	30.63	28.88	29.38	28.59	29.31	30.16	30.02	30.19
Taweelah New Extension	96.95	99.04	90.46	97.29	98.23	89.32	87.53	85.47	95.22	88.28
TAPCO Total	229.75	224.99	220.58	225.60	209.66	205.18	202.89	199.77	216.61	203.10
Al Mirfa	43.52	30.78	29.23	28.22						
AMPC Total	43.52	30.78	29.23	28.22						
New Mirfa						35.38	50.23	62.93	66.07	75.09
MIPCO Total						35.38	50.23	62.93	66.07	75.09
Taweelah A2	80.53	78.48	82.65	79.92	76.19	79.83	81.54	78.71	78.68	60.84
ECPC Total	80.53	78.48	82.65	79.92	76.19	79.83	81.54	78.71	78.68	60.84
Taweelah A1	106.95	113.72	117.42	122.71	118.18	115.44	115.21	112.75	114.98	116.27
GTTPC Total	106.95	113.72	117.42	122.71	118.18	115.44	115.21	112.75	114.98	116.27
Taweelah RO										7.17
TDC Total										7.17

الإنتاج السنوي حسب المحطات (مليون متر مكعب) 2012 - 2021 (تابع)

Annual Water Production by Station (million m3) 2012-2021 (continued)

Station	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Shuweihat S1	122.37	127.95	142.74	144.35	143.72	133.49	132.51	130.26	135.66	140.48
SCIPCO Total	122.37	127.95	142.74	144.35	143.72	133.49	132.51	130.26	135.66	140.48
Shuweihat S2	101.08	125.52	132.33	137.23	141.57	138.23	129.94	136.11	130.99	133.54
RPC Total	101.08	125.52	132.33	137.23	141.57	138.23	129.94	136.11	130.99	133.54
Umm Al Nar East	26.23	28.43	25.47	25.72	25.66	19.29	11.83	3.47		
Umm Al Nar West	39.54	34.64	38.45	35.40	30.73	28.68	17.55	3.61		
Sas Al Nakhl	134.18	136.61	135.85	137.32	141.81	140.14	138.57	135.35	135.49	136.49
APC Total	199.96	199.67	199.78	198.45	198.20	188.11	167.95	142.42	135.49	136.49
EWEC SYSTEM Total	884.16	901.12	924.74	883.44	873.71	908.72	882.30	890.53	878.47	872.98
Fujairah IWPPs Exports to Abu Dhabi	201.49	212.12	227.62	234.07	242.26	217.56	213.10	206.39	197.63	211.77
Abu Dhabi Demand	1,085.65	1,113.24	1,152.35	1,117.51	1,115.97	1,113.22	1,093.37	1,069.34	1,076.11	1,084.75
ESWPC	115.26	131.33	139.58	137.25	175.35	164.23	166.23	173.73	179.54	192.15
FAPCO	152.60	165.12	182.21	176.96	166.72	159.53	168.84	175.69	168.11	171.92
Global Production	1,152.02	1,197.57	1,246.52	1,197.65	1,215.78	1,219.42	1,215.34	1,239.96	1,226.11	1,237.05

الإنتاج السنوي للمياه حسب المناطق (مليون متر مكعب)

Annual Water Production by Region (million m3)

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Abu Dhabi	617	617	620	627	602	589	568	534	546	524
Al Dhafra	267	284	304	310	285	307	313	329	333	349
Fujairah IWPP(s) Exports to Abu Dhabi	201	212	228	234	242	218	213	206	198	212
Abu Dhabi Production + Imports	1,086	1,113	1,152	1,171	1,130	1,113	1,093	1,069	1,076	1,085
Exports to Al Ain	288	296	309	314	295	292	290	286	290	290
Fujairah IWPP(s) Production	268	296	322	318	342	324	335	349	348	364
Global Production	1,152	1,198	1,247	1,255	1,230	1,219	1,215	1,212	1,226	1,237

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

Annual Average Daily Water Production by Region (million m3/day)

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Abu Dhabi	371	371	374	377	362	353	341	320	328	315
Al Dhafra	160	171	183	187	171	184	188	198	200	210
Fujairah IWPP(s) Exports to Abu Dhabi	121	128	137	141	145	131	128	124	119	127
Abu Dhabi Production + Imports	652	670	694	705	680	670	658	644	648	653
Exports to Al Ain	173	179	186	189	177	175	174	172	173	174
Fujairah IWPP(s) Production	161	179	194	189	205	194	201	210	209	219
Global Production	692	721	751	753	738	734	732	730	738	745

الإنتاج الشهري للمياه حسب المناطق (مليون متر مكعب) 2016 - 2018

Monthly Water Production by Region (million m3) 2016 - 2018

2016													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	46.70	42.90	45.45	49.13	53.51	52.71	54.29	55.51	52.18	53.51	48.77	47.60	602.24
Al Dhafra	23.62	22.61	23.99	22.32	24.22	23.96	24.36	25.12	24.13	25.05	23.10	22.82	285.29
Fujairah IWPP(s) Exports to Abu Dhabi	16.71	16.75	16.20	18.51	21.92	21.87	23.62	24.03	22.31	21.36	19.89	19.08	242.26
Abu Dhabi Production + Imports	87.02	82.26	85.64	89.96	99.64	98.53	102.27	104.66	98.62	99.92	91.75	89.49	1,129.78
Exports to Al Ain	21.30	20.86	21.22	23.68	26.57	26.61	27.62	27.96	25.98	26.23	24.02	23.18	295.21
Fujairah IWPP(s) Production	23.43	23.53	23.06	27.79	30.11	31.01	33.01	33.56	31.27	30.20	27.92	27.18	342.07
Global Production	93.74	89.04	92.50	99.24	107.83	107.68	111.66	114.19	107.58	108.76	99.79	97.59	1,229.60
2017													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	45.28	38.81	48.49	48.22	53.11	51.83	56.11	53.40	50.86	50.33	47.17	44.95	588.56
Al Dhafra	23.34	20.96	22.42	24.82	25.63	27.31	26.11	29.33	27.31	28.72	26.24	24.90	307.10
Fujairah IWPP(s) Exports to Abu Dhabi	17.05	16.53	13.49	16.94	20.16	19.15	21.22	21.06	19.97	19.70	16.81	15.50	217.56
Abu Dhabi Production + Imports	85.67	76.30	84.40	89.99	98.90	98.29	103.44	103.79	98.14	98.75	90.22	85.34	1,113.22
Exports to Al Ain	21.55	19.13	21.55	24.41	27.02	26.66	27.94	27.79	26.08	25.61	22.81	21.21	291.75
Fujairah IWPP(s) Production	24.95	23.75	21.34	25.31	29.91	29.12	32.22	31.31	29.77	29.62	26.20	20.27	323.76
Global Production	93.57	83.51	92.25	98.36	108.65	108.26	114.43	114.04	107.94	108.67	99.61	90.11	1,219.42
2018													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	45.18	40.02	45.92	47.22	51.55	47.78	50.65	49.44	49.27	49.88	46.12	44.55	567.59
Al Dhafra	24.72	23.77	25.97	25.51	25.63	26.57	28.56	28.02	27.13	26.49	25.29	25.04	312.68
Fujairah IWPP(s) Exports to Abu Dhabi	11.92	12.85	15.09	16.11	19.66	20.97	21.95	21.38	20.43	20.24	16.38	16.13	213.10
Abu Dhabi Production + Imports	81.81	76.64	86.97	88.83	96.84	95.32	101.15	98.84	96.84	96.61	87.80	85.72	1,093.37
Exports to Al Ain	20.07	19.63	22.68	24.10	26.23	26.00	26.98	27.17	26.24	25.84	22.87	22.24	290.06
Fujairah IWPP(s) Production	19.94	21.85	24.75	26.03	29.78	31.04	32.72	32.40	31.90	31.28	26.71	26.67	335.07
Global Production	89.83	85.64	96.63	98.76	106.95	105.39	111.92	109.86	108.31	107.66	98.13	96.26	1,215.34

الإنتاج الشهري للمياه حسب المناطق (مليون متر مكعب) 2019 - 2021

Monthly Water Production by Region (million m3) 2019 - 2021

2019													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	42.80	40.40	40.21	41.88	42.66	46.53	50.06	49.93	47.15	47.12	42.83	42.08	533.65
Al Dhafra	26.38	22.83	26.82	25.78	28.51	27.93	29.33	28.88	28.80	29.43	27.63	26.98	329.30
Fujairah IWPP(s) Exports to Abu Dhabi	13.77	12.06	16.89	18.10	19.69	19.00	19.74	18.45	19.08	19.31	15.59	14.70	206.39
Abu Dhabi Production + Imports	82.96	75.29	83.92	85.76	90.85	93.45	99.13	97.26	95.03	95.86	86.05	83.77	1,069.34
Exports to Al Ain	21.41	19.75	21.92	22.90	24.74	25.73	26.94	26.45	25.44	25.77	22.83	22.00	285.88
Fujairah IWPP(s) Production	24.44	21.08	27.21	28.94	32.88	31.67	32.72	32.00	31.81	32.31	27.76	26.60	349.42
Global Production	93.62	84.32	94.25	96.60	104.04	106.12	112.11	110.82	107.76	108.86	98.23	95.67	1,212.38
2020													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	39.34	41.84	44.92	42.92	48.37	48.09	50.47	49.83	47.59	46.46	43.46	42.47	545.75
Al Dhafra	26.49	24.55	26.78	26.60	28.68	29.09	29.19	29.72	28.60	28.90	27.69	26.42	332.72
Fujairah IWPP(s) Exports to Abu Dhabi	12.68	10.47	12.43	16.10	16.67	19.44	20.10	19.55	19.04	19.81	14.47	16.87	197.63
Abu Dhabi Production + Imports	78.51	76.86	84.12	85.62	93.72	96.61	99.76	99.10	95.23	95.17	85.63	85.76	1,076.11
Exports to Al Ain	20.02	20.12	22.39	23.28	25.96	26.31	27.30	27.09	26.19	25.86	22.32	23.28	290.12
Fujairah IWPP(s) Production	23.85	21.15	24.38	28.37	30.12	32.53	34.54	33.60	32.03	32.46	25.49	29.13	347.64
Global Production	89.69	87.54	96.07	97.90	107.16	109.70	114.20	113.15	108.22	107.82	96.64	98.02	1,226.11
2021													
Region	January	February	March	April	May	June	July	August	September	October	November	December	Total
Abu Dhabi	40.52	36.78	42.25	43.00	46.51	46.69	48.42	48.72	47.44	42.82	39.65	41.07	523.86
Al Dhafra	27.74	25.02	29.72	29.07	30.42	29.91	30.58	30.79	30.10	30.99	27.96	26.80	349.11
Fujairah IWPP(s) Exports to Abu Dhabi	14.36	13.49	13.49	16.53	17.46	19.51	20.13	19.66	19.48	21.01	19.27	17.38	211.77
Abu Dhabi Production + Imports	82.62	75.30	85.46	88.60	94.39	96.11	99.14	99.17	97.01	94.83	86.88	85.25	1,084.75
Exports to Al Ain	21.97	20.17	22.32	24.11	25.99	26.89	26.78	27.23	25.99	25.25	22.17	21.43	290.31
Fujairah IWPP(s) Production	25.50	24.98	24.91	29.46	31.33	32.69	34.45	33.56	32.94	34.51	31.63	28.12	364.07
Global Production	93.75	86.79	96.88	101.53	108.26	109.29	113.45	113.07	110.48	108.32	99.24	95.99	1,237.05

كميات المياه المصدرة سنوياً حسب الشركات (مليون متر مكعب) 2012 - 2021

Annual Water Supply by Company (million m3) 2012 - 2021

Station	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
TAPCO	227.10	222.18	220.58	225.60	206.68	201.24	199.65	196.31	212.37	198.38
MIPCO						35.25	48.80	61.77	64.89	211.77
AMPC	41.80	29.56	29.23	28.22						73.72
ECPC	80.46	77.82	82.65	79.92	79.83	76.19	81.00	78.10	78.06	60.21
GTTPC	106.72	113.48	117.42	122.71	115.44	118.18	116.05	111.17	113.22	114.56
SCIPCO	120.77	125.99	142.74	144.35	133.49	143.72	131.91	129.18	133.47	138.17
RPC	99.45	122.74	132.33	137.23	138.23	141.57	127.48	132.11	127.10	130.67
APC	196.13	195.83	199.78	198.45	188.11	198.20	164.83	140.31	133.51	134.32
EWEC System Total	872.42	887.61	924.74	936.47	864.76	883.04	869.72	848.95	862.61	1,068.49
Fujairah IWPPs Exports to Abu Dhabi	201.49	212.12	227.76	234.07	242.26	217.56	213.10	206.39	197.63	211.77
Abu Dhabi Supply + Imports	1,073.91	1,099.72	1,152.49	1,170.54	1,115.87	1,102.28	1,082.82	1,055.34	1,060.25	1,280.26
Export to Al Ain	288.17	296.31	309.21	313.72	295.21	291.75	290.06	285.88	290.12	290.31
ESWPC	113.86	130.18	139.58	137.25	175.35	164.23	164.56	170.16	177.17	190.29
FAPCO	150.53	163.44	182.21	176.96	166.72	159.53	166.66	173.12	165.97	169.36
Global Supply	1,136.81	1,181.23	1,226.63	1,228.93	1,207.05	1,208.66	1,200.95	1,192.23	1,205.76	1,216.37

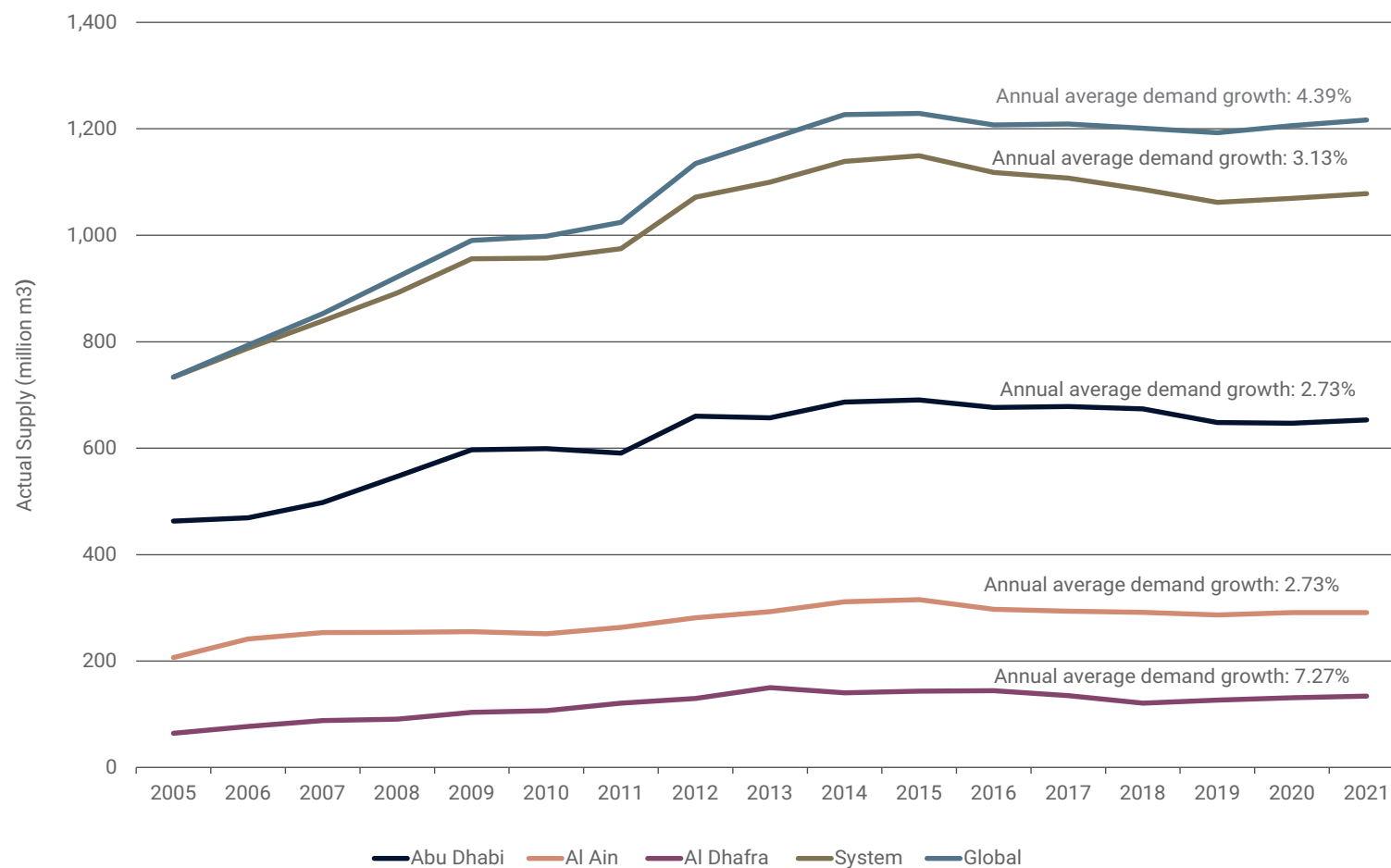
كميات المياه المصدرة سنويا حسب المناطق (مليون متر مكعب) 2005 - 2021

Annual Water Supply by Region (million m3) 2005 - 2021

Year	Abu Dhabi	Al Ain	Al Dhafra	System	Exports to NE	Global
2005	463	206	64	733		733
2006	469	242	77	788	6	794
2007	498	253	88	839	14	853
2008	547	254	91	892	30	922
2009	597	255	104	956	34	990
2010	599	251	107	957	41	998
2011	591	263	121	975	50	1,024
2012	660	281	130	1,071	64	1,135
2013	657	293	150	1,100	81	1,181
2014	687	311	140	1,139	88	1,227
2015	691	315	143	1,149	80	1,229
2016	676	297	144	1,118	89	1,207
2017	678	294	135	1,107	102	1,209
2018	674	291	121	1,086	115	1,201
2019	648	287	126	1,061	131	1,192
2020	647	291	131	1,069	137	1,206
2021	653	291	134	1,078	139	1,216

كميات المياه المصدرة سنويا حسب المناطق (مليون متر مكعب) 2005 - 2021

Annual Water Supply by Region (million m3) 2005 - 2021



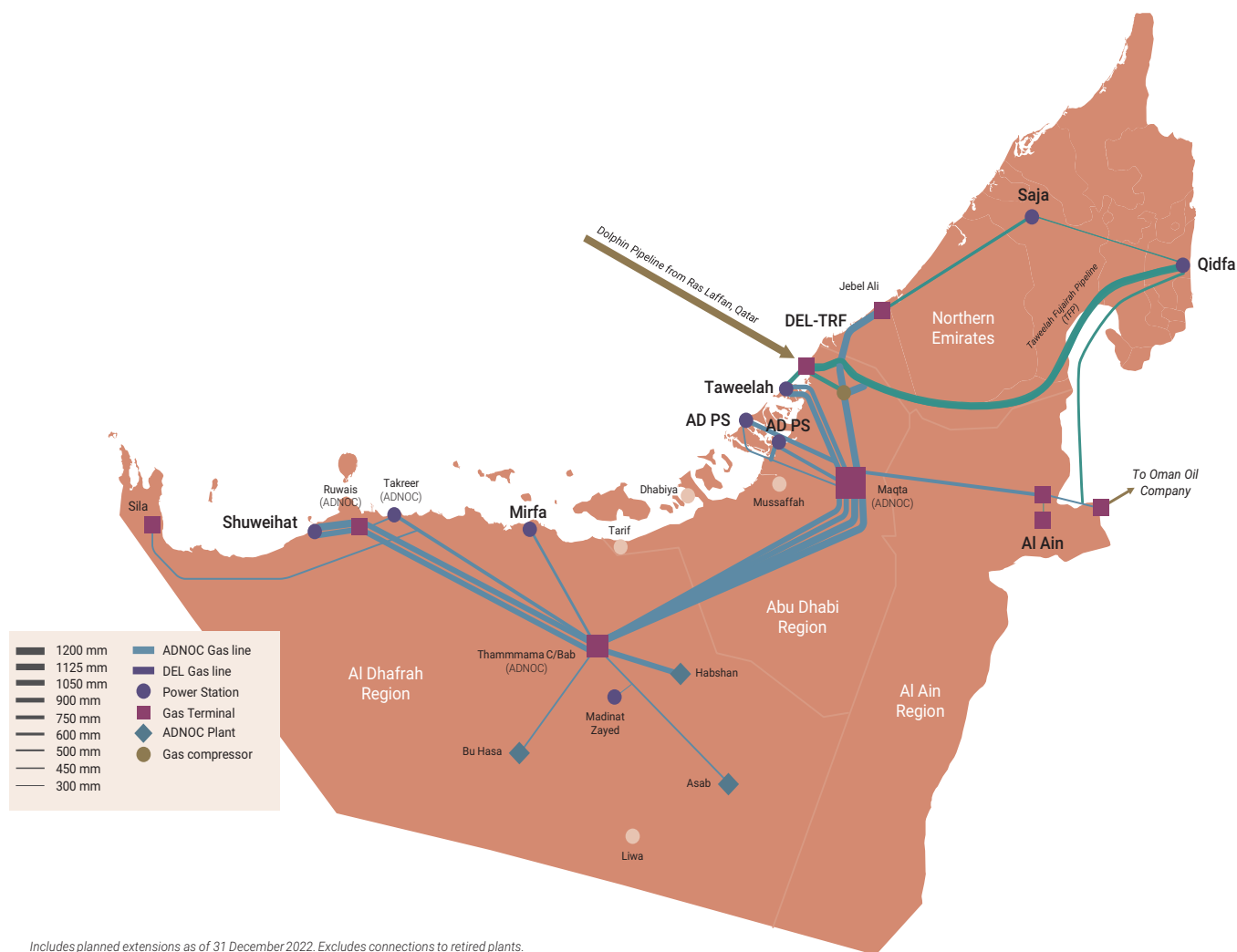
إحصائيات الوقود

Fuel Statistics

68	Main Gas Supply Network (end 2022) Excluding Connections to Retired Plants	68	التوسع المتوقع في شبكة إمداد الغاز حتى عام 2022 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) 2012 - 2021	71	الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب المحطات 2012 - 2021
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

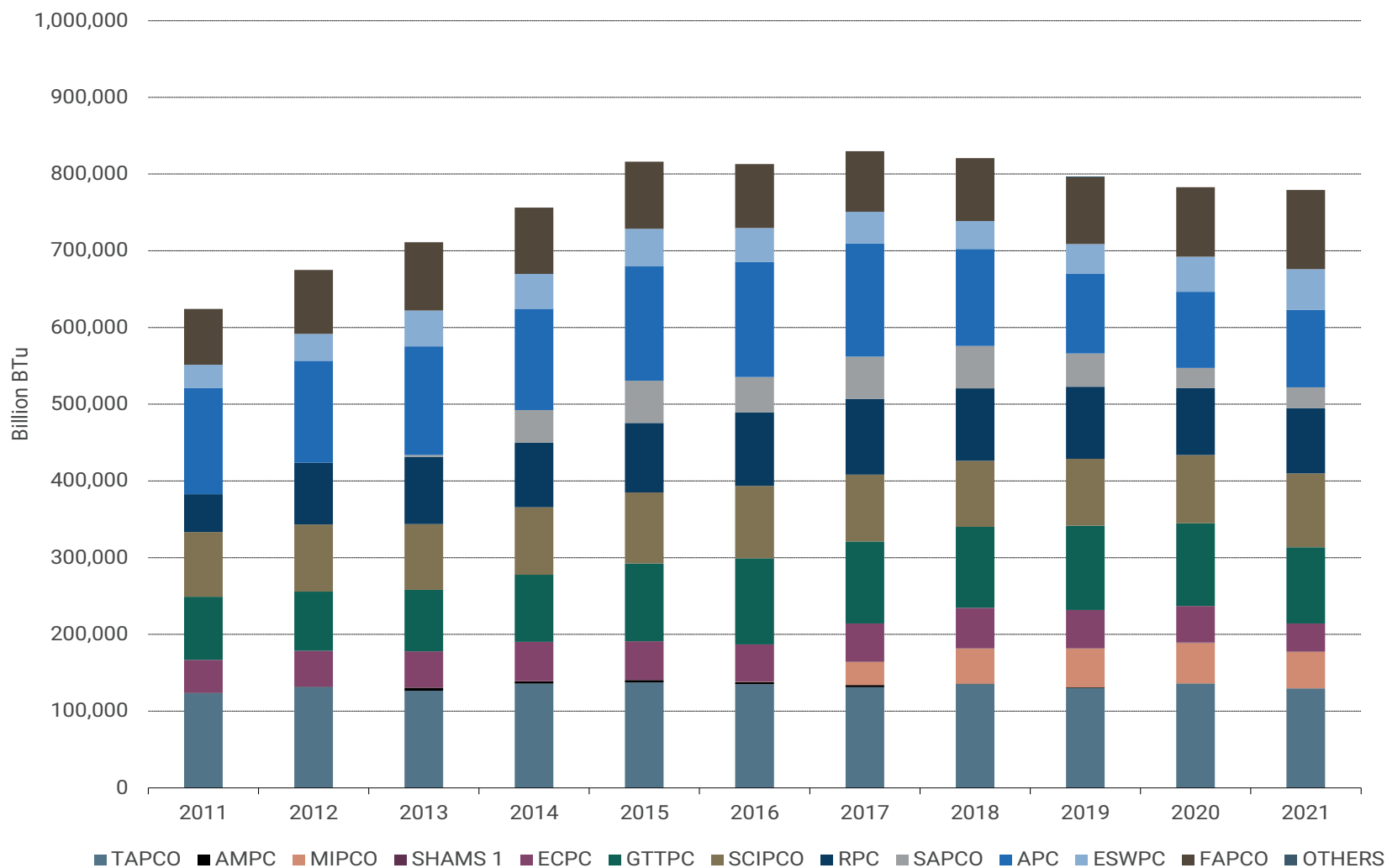
التوسع المتوقع في شبكة إمداد الغاز حتى عام 2022 باستثناء المحطات خارج الخدمة

Main Gas Supply Network (end 2022) Excluding Connections to Retired Plants



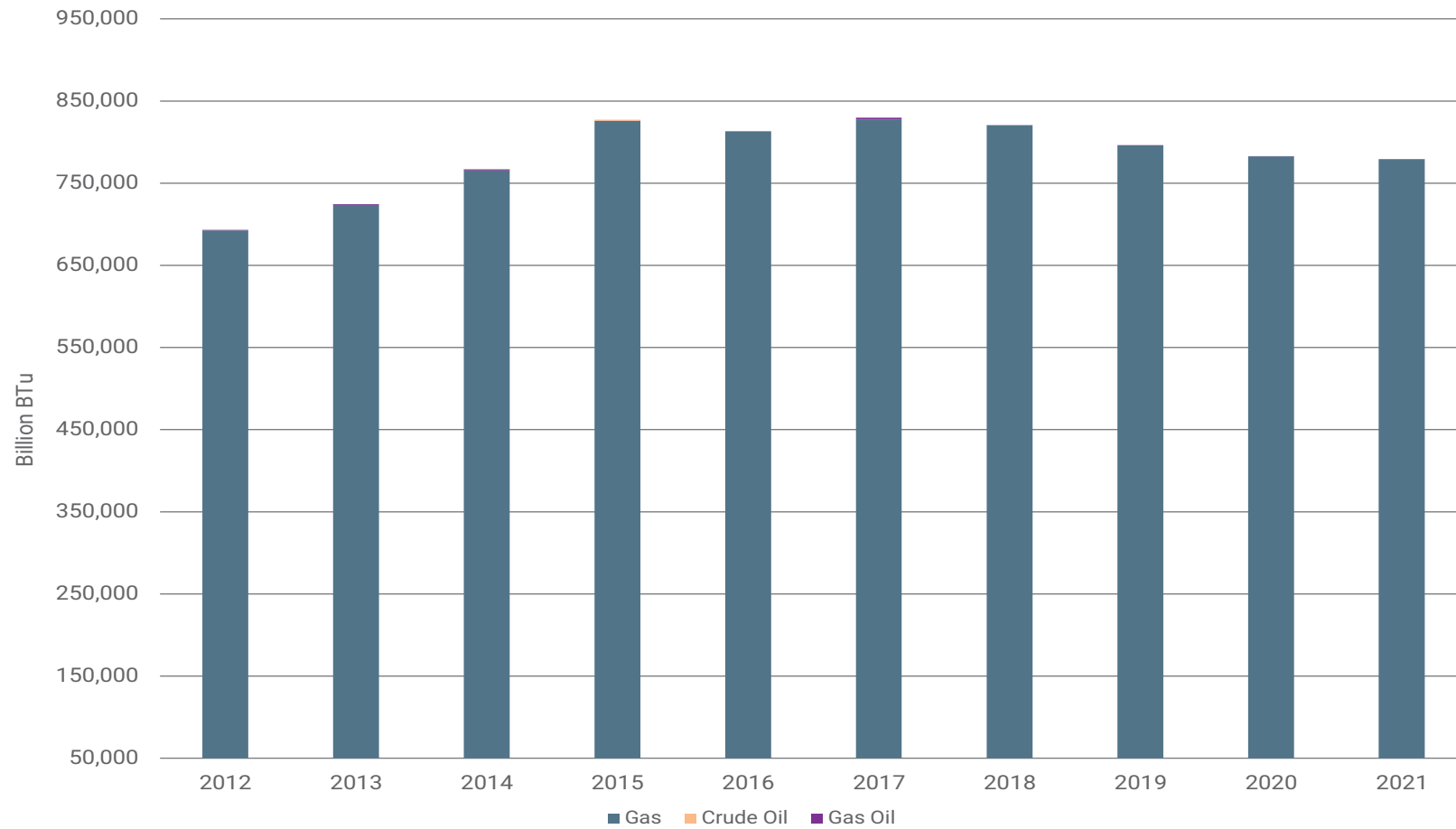
الوقود المستهلك سنويا حسب الشركات (مليون وحدة حرارية بريطانية)

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 2012 - 2021

Annual Fuel Consumption by Station (BBTu) 2012 - 2021

Station	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Taweelah B										
Gas	44,420	39,455	48,319	44,589	42,000	43,770	44,532	41,939	41,857	40,304
Crude Oil			1	984	110					
Gas Oil					25	6	8	3	6	1
Total	44,421	39,455	48,320	45,573	42,135	43,775	44,539	41,942	41,864	40,306
Taweelah B2 Extension										
Gas	24,642	21,827	24,725	24,573	24,622	23,864	25,113	26,274	25,425	25,124
Gas Oil	14	5	3	2	6	8	2	29	12	15
Total	24,656	21,832	24,728	24,575	24,629	23,873	25,115	26,303	25,437	25,139
Taweelah New Extension										
Gas	62,549	65,359	62,701	67,157	68,323	63,392	65,330	61,836	68,634	64,292
Gas Oil	16	20	40		6	53	44			
Total	62,565	65,379	62,740	67,157	68,329	63,445	65,374	61,836	68,634	64,292
TAPCO Total	131,641	126,666	135,788	137,305	135,093	131,093	135,028	130,081	135,935	129,737
Al Mirfa										
Gas	17,857	12,293	10,239	10,499						
Gas Oil	2	1	2							
Total	17,859	12,294	10,240	10,499						
Madinat Zayed										
Gas	292	1,183	341	394	526	237	149	88	296	
Gas Oil	1								162	
Total	292	1,183	341	394	526	237	150	88	458	
Al Ain										
Gas		3,652	2,805	3,071	1,980	2,714	725	632	63	
Gas Oil	4	12	2	1	1					
Total	4	3,664	2,808	3,072	1,981	2,714	725	632	63	
AMPC Total	18,155	17,141	13,390	13,966	2,507	2,951	874	720	64	

الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب المحطات 2012 - 2021 (تابع)

Annual Fuel Consumption by Station (BBTu) 2012 - 2021 (continued)

Station	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
New Mirfa										
Gas					545	28,103	45,599	50,590	52,769	47,588
Gas Oil						1,703	5	5	9	30
MIPCO Total					545	29,806	45,603	50,595	52,778	47,618
Shams 1										
Gas		414	511	378	437	532	596	586	600	572
Gas Oil		27	0	16	0	0	0	0	0	0
SHAMS 1 Total		442	511	394	437	532	596	586	600	572
Taweelah A2										
Gas	46,929	47,021	51,119	50,371	48,339	49,887	52,432	49,755	47,671	36,273
Gas Oil	40	9	0	8	10	15	6	24	16	0
ECPC Total	46,970	47,030	51,119	50,379	48,349	49,902	52,438	49,779	47,687	36,273
Taweelah A1										
Gas	77,059	80,244	87,578	101,282	112,166	106,791	105,525	109,787	107,659	99,429
Gas Oil	54	26	13	31	86	63	13	8	8	25
GTPC Total	77,114	80,270	87,592	101,313	112,252	106,854	105,538	109,795	107,667	99,454
Shuweiha (S1)										
Gas	87,497	85,708	87,892	92,421	94,319	87,077	86,088	87,189	88,985	96,113
Gas Oil	29	16	10	23	26	64	63	39	27	16
SCIPCO Total	87,525	85,724	87,903	92,444	94,345	87,141	86,150	87,228	89,013	96,129
Shuweiha (S2)										
Gas	80,378	87,524	84,064	90,725	95,866	98,787	94,412	94,049	87,324	85,038
Gas Oil	28	23	38	34	27	36	24	38	11	15
RPC Total	80,406	87,546	84,102	90,760	95,893	98,823	94,435	94,087	87,335	85,053
Shuweiha (S3)										
Gas		1,643	41,607	54,914	45,859	54,859	55,288	43,268	26,264	27,274
Gas Oil		709	954		16	15	29	19	10	9
SAPCO Total		2,352	42,560	54,914	45,874	54,874	55,317	43,286	26,274	27,283

الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب المحطات 2012 - 2021 (تابع)

Annual Fuel Consumption by Station (BBTu) 2012 - 2021 (continued)

Station	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Umm Al Nar East										
Gas	11,934	14,558	11,613	15,541	13,824	10,331	6,630	1,670	46	3
Gas Oil	5	4	3	4	2					
Total	11,939	14,562	11,616	15,545	13,825	10,332	6,630	1,670	46	3
Umm Al Nar West										
Gas	36,827	35,930	32,503	36,746	31,497	31,296	16,525	3,318	1,307	522
Crude Oil										
Total	36,827	35,930	32,503	36,746	31,497	31,296	16,525	3,318	1,307	522
Sas Al Nakhl										
Gas	84,115	91,095	87,846	96,707	105,042	105,931	103,236	98,713	97,868	100,298
Gas Oil	17	36	44	15	20	19	13		1	5
Total	84,133	91,131	87,890	96,722	105,062	105,950	103,249	98,713	97,869	100,304
APC Total	132,898	141,624	132,008	149,013	150,384	147,578	126,404	103,701	99,222	100,830
EWEC SYSTEM Total	574,709	588,794	634,974	681,153	685,680	709,553	702,384	669,859	646,573	622,948
ESWPC										
Gas	35,141	46,899	45,408	49,030	43,993	41,331	36,411	39,015	45,792	53,109
Gas Oil	65	5	7	3	4	2	7	8	4	2
ESWPC Total	35,206	46,904	45,415	49,033	43,997	41,333	36,418	39,023	45,796	53,111
FAPCO										
Gas	82,918	88,689	86,289	87,348	83,361	78,803	81,861	87,038	90,375	103,060
Gas Oil	308	95	89	12	45	61	87	6	12	31
FAPCO Total	83,226	88,785	86,379	87,360	83,406	78,865	81,949	87,045	90,387	103,091
Others										
Gas								362		
Gas Oil										
Others Total								362		
Global Total	693,140	724,483	766,767	817,546	813,083	829,751	820,751	796,289	782,756	779,149

الاستهلاك السنوي للوقود بالوحدات الحرارية البريطانية حسب نوع الوقود

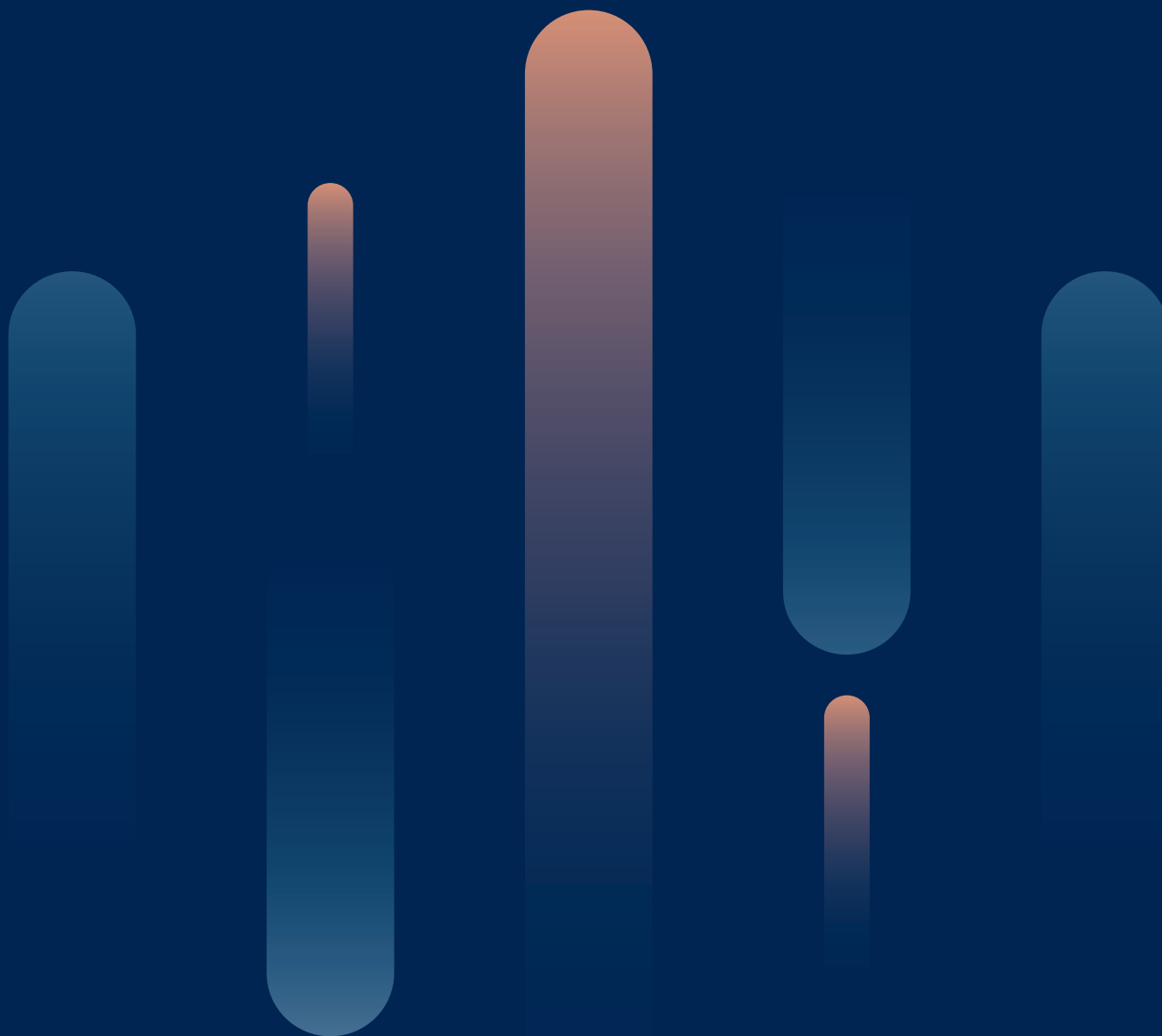
Annual Fuel Consumption by Fuel Type (BBTu)

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Gas	692,557	723,493	765,560	825,746	812,699	827,705	820,451	796,110	782,640	779,000
Crude Oil			1	984	110					
Gas Oil	583	990	1,206	149	274	2,046	300	180	116	149
Total	693,140	724,483	766,767	826,879	813,083	829,751	820,751	796,289	782,756	779,149

النسب المئوية لأنواع الوقود المستهلكة سنوياً

Percentage Annual Fuel Consumption

Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Gas	99.9%	99.9%	99.8%	99.9%	100.0%	99.8%	100.0%	100.0%	100.0%	100.0%
Crude Oil	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Gas Oil	0.1%	0.1%	0.2%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%



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 million m3) 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 - 2013 (Available Capacity at Peak)	81	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2011 - 2013 (القدرة المتاحة في وقت الذروة)
82	Generation Capacity by Technology (Gross MW) 2014 - 2016 (Available Capacity at Peak)	82	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2014 - 2016 (القدرة المتاحة في وقت الذروة)
83	Generation Capacity by Technology (Gross MW) 2017 - 2019 (Available Capacity at Peak)	83	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2017 - 2019 (القدرة المتاحة في وقت الذروة)
84	Generation Capacity by Technology (Gross MW) 2020 - 2022 (Available Capacity at Peak)	84	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2020 - 2022 (القدرة المتاحة في وقت الذروة)
85	Generation Capacity by Technology (Gross MW) 1999 - 2022 (Available Capacity at Peak)	85	قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 1999 - 2022 (القدرة المتاحة في وقت الذروة)
86	Desalination Capacity by Technology (Gross million m3) 2013 - 2017 (Available Capacity at Peak)	86	قدرة التحلية حسب أسلوب التحلية 2013 - 2017 (الاجمالي مليون متر مكعب) (القدرة المتاحة في وقت الذروة)
87	Desalination Capacity by Technology (Gross million m3) 2018- 2022 (Available Capacity at Peak)	87	قدرة التحلية حسب أسلوب التحلية 2018 - 2022 (الاجمالي مليون متر مكعب) (القدرة المتاحة في وقت الذروة)
88	Desalination Capacity by Technology (Gross million m3/day) 1999 - 2022 (Available Capacity at Peak)	88	قدرة التحلية حسب أسلوب التحلية (الاجمالي مليون متر مكعب) 1999 - 2022 (القدرة المتاحة في وقت الذروة)

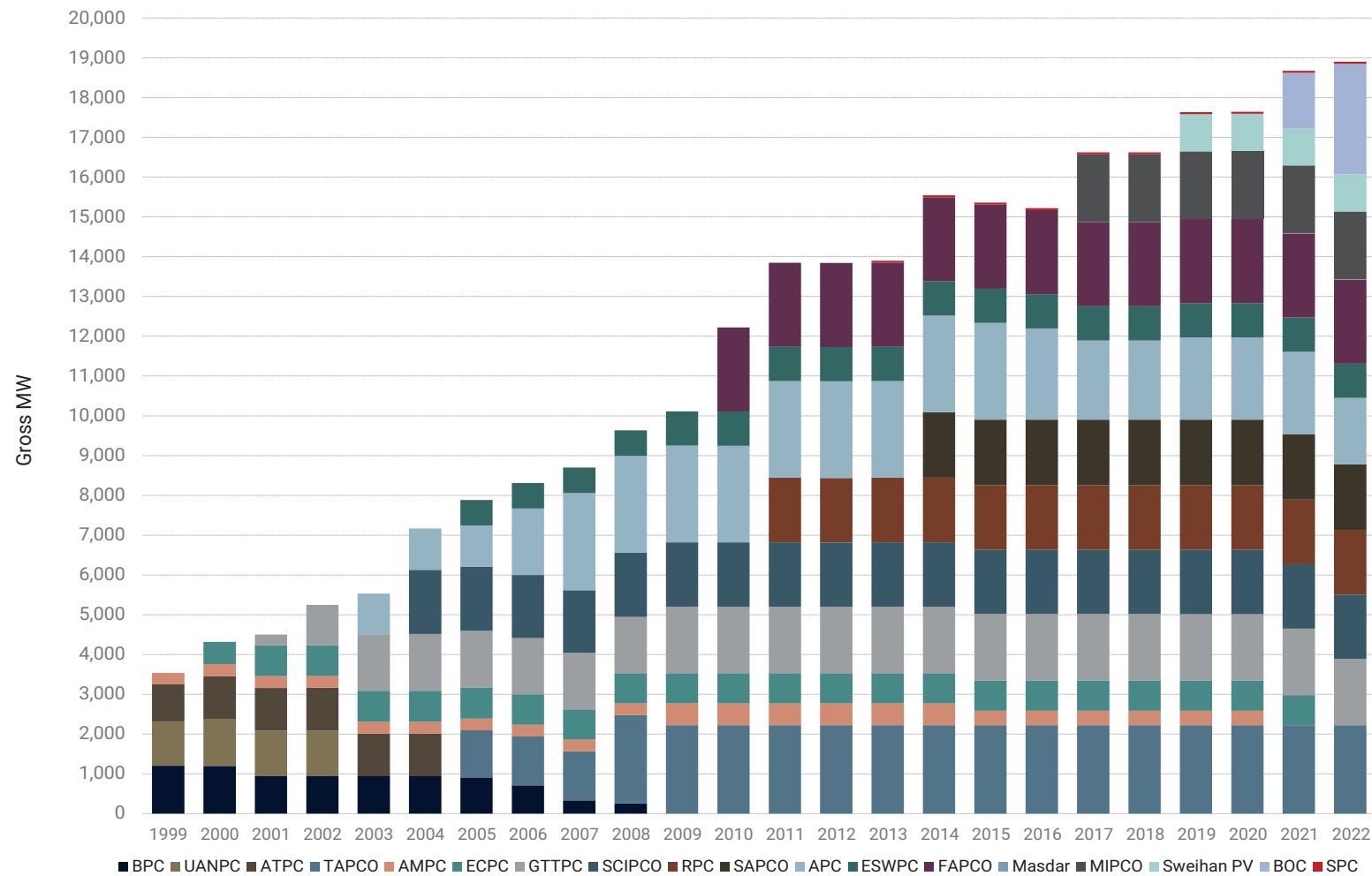
قدرة الإنتاج الإجمالية (ميجاوات) في 31 ديسمبر من كل عام

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	1069					190.5	108.5		300	266	777										4,500				
2002	940	1,146	1,075					186	109		295	1,014	777										5,247				
2003	939		1075					186	109		295	1,407	777				1,038						5,531				
2004	939		1,075					186	108.5		295	1,431	777	1,610			1,038						7,165				
2005	907			825	359		1,184	186	108.5		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	995
2022				825	358	1,037	2,220					1,671		1,615	1,627	1,647	2,070	1,702	2,780	861	2,114	50	18,357	50	10	935	995

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

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



قدرة التحلية الإجمالية (الاجمالي مليون متر مكعب) في 31 ديسمبر من كل عام

Desalination Capacity (Gross million m3) at 31st December (Available Capacity)

Year	BPC			UANPC			ATPC			TAPCO				AMPC	ECPC	GTPPC	SCIPCO	RPC	APC	ESWPC	FAPCO	MIPCO	TDC	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	Taw RO	
1999	0.07	0.13	0.20	0.09	0.24	0.43	0.33	0.00	0.33					0.07										1.03
2000	0.07	0.13	0.20	0.19	0.27	0.46	0.33	0.11	0.43					0.07										1.17
2001	0.07		0.07	0.19	0.27	0.46	0.33	0.11	0.43					0.14	0.23	0.14	0.00							1.48
2002	0.07		0.07	0.19	0.56	0.75	0.33	0.11	0.43					0.18	0.23	0.39	0.00							2.04
2003	0.07		0.07				0.33	0.11	0.43					0.18	0.23	0.39	0.00		0.75					2.04
2004	0.07		0.07				0.33	0.11	0.43					0.18	0.23	0.39	0.46		0.75					2.50
2005	0.07		0.07				0.00	0.00	0.00	0.33	0.11	0.00	0.43	0.18	0.23	0.39	0.46		0.75	0.46				2.97
2006	0.07		0.07				0.00	0.00	0.00	0.32	0.11	0.00	0.42	0.18	0.23	0.39	0.46		0.84	0.46				3.04
2007	0.07		0.07				0.00	0.00	0.00	0.32	0.10	0.00	0.42	0.18	0.23	0.39	0.46		0.66	0.46				2.87
2008										0.32	0.11	0.31	0.74	0.18	0.23	0.39	0.46		0.66	0.46	0.00			3.11
2009										0.32	0.11	0.31	0.74	0.18	0.23	0.39	0.46		0.66	0.46	0.00			3.11
2010										0.32	0.11	0.31	0.74	0.18	0.23	0.39	0.46		0.66	0.46	0.60			3.71
2011										0.32	0.11	0.31	0.74	0.18	0.23	0.39	0.46	0.46	0.66	0.46	0.60			4.17
2012										0.32	0.11	0.31	0.74	0.18	0.23	0.39	0.46	0.46	0.66	0.46	0.60			4.17
2013										0.32	0.11	0.31	0.74	0.18	0.23	0.39	0.46	0.46	0.66	0.46	0.60			4.17
2014										0.32	0.11	0.31	0.74	0.18	0.23	0.39	0.46	0.46	0.66	0.46	0.60			4.17
2015										0.32	0.11	0.31	0.74		0.23	0.39	0.46	0.46	0.66	0.60	0.60			4.13
2016										0.32	0.11	0.31	0.74		0.23	0.39	0.46	0.46	0.66	0.60	0.60			4.13
2017										0.32	0.11	0.31	0.74		0.23	0.38	0.46	0.46	0.66	0.60	0.60	0.24		4.37
2018										0.32	0.11	0.31	0.74		0.23	0.38	0.46	0.46	0.66	0.60	0.60	0.24		4.37
2019										0.32	0.11	0.31	0.74		0.23	0.38	0.46	0.46	0.43	0.60	0.60	0.24		4.14
2020										0.32	0.11	0.31	0.74		0.23	0.38	0.46	0.46	0.43	0.60	0.60	0.24		4.14
2021										0.32	0.11	0.31	0.74		0.23	0.38	0.46	0.46	0.43	0.60	0.60	0.24		4.14
2022										0.32	0.11	0.31	0.74			0.38	0.46	0.46	0.43	0.60	0.60	0.24	0.46	4.36

قدرة التحلية الإجمالية (الإجمالي مليون متر مكعب) في 31 ديسمبر من كل عام

Desalination Capacity (Gross million m3) at 31st December (Available Capacity)

Year	BPC			UANPC			ATPC			TAPCO				AMPC	ECPC	GTTPC	SCIPCO	RPC	APC	ESWPC	FAPCO	MIPCO	TDC	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	Taw RO	
1999	0.07	0.13	0.20	0.09	0.24	0.43	0.33	0.00	0.33					0.07										1.03
2000	0.07	0.13	0.20	0.19	0.27	0.46	0.33	0.11	0.43					0.07										1.17
2001	0.07		0.07	0.19	0.27	0.46	0.33	0.11	0.43					0.14	0.23	0.14	0.00							1.48
2002	0.07		0.07	0.19	0.56	0.75	0.33	0.11	0.43					0.18	0.23	0.39	0.00							2.04
2003	0.07		0.07				0.33	0.11	0.43					0.18	0.23	0.39	0.00		0.75					2.04
2004	0.07		0.07				0.33	0.11	0.43					0.18	0.23	0.39	0.46		0.75					2.50
2005	0.07		0.07				0.00	0.00	0.00	0.33	0.11	0.00	0.43	0.18	0.23	0.39	0.46		0.75	0.46				2.97
2006	0.07		0.07				0.00	0.00	0.00	0.32	0.11	0.00	0.42	0.18	0.23	0.39	0.46		0.84	0.46				3.04
2007	0.07		0.07				0.00	0.00	0.00	0.32	0.10	0.00	0.42	0.18	0.23	0.39	0.46		0.66	0.46				2.87
2008										0.32	0.11	0.31	0.74	0.18	0.23	0.39	0.46		0.66	0.46	0.00			3.11
2009										0.32	0.11	0.31	0.74	0.18	0.23	0.39	0.46		0.66	0.46	0.00			3.11
2010										0.32	0.11	0.31	0.74	0.18	0.23	0.39	0.46		0.66	0.46	0.60			3.71
2011										0.32	0.11	0.31	0.74	0.18	0.23	0.39	0.46	0.46	0.66	0.46	0.60			4.17
2012										0.32	0.11	0.31	0.74	0.18	0.23	0.39	0.46	0.46	0.66	0.46	0.60			4.17
2013										0.32	0.11	0.31	0.74	0.18	0.23	0.39	0.46	0.46	0.66	0.46	0.60			4.17
2014										0.32	0.11	0.31	0.74	0.18	0.23	0.39	0.46	0.46	0.66	0.46	0.60			4.17
2015										0.32	0.11	0.31	0.74		0.23	0.39	0.46	0.46	0.66	0.60	0.60			4.13
2016										0.32	0.11	0.31	0.74		0.23	0.39	0.46	0.46	0.66	0.60	0.60			4.13
2017										0.32	0.11	0.31	0.74		0.23	0.38	0.46	0.46	0.66	0.60	0.60	0.24		4.37
2018										0.32	0.11	0.31	0.74		0.23	0.38	0.46	0.46	0.66	0.60	0.60	0.24		4.37
2019										0.32	0.11	0.31	0.74		0.23	0.38	0.46	0.46	0.43	0.60	0.60	0.24		4.14
2020										0.32	0.11	0.31	0.74		0.23	0.38	0.46	0.46	0.43	0.60	0.60	0.24		4.14
2021										0.32	0.11	0.31	0.74		0.23	0.38	0.46	0.46	0.43	0.60	0.60	0.24		4.14
2022										0.32	0.11	0.31	0.74			0.38	0.46	0.46	0.43	0.60	0.60	0.24	0.46	4.36

قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2011 - 2013
(القدرة المتاحة في وقت الذروة)

Generation Capacity by Technology (Gross MW) 2011 - 2013
(Available Capacity at Peak)

Company	Station	2011					2012					2013					
		SCGT	CCGT	GT + EHR	ST	Total	SCGT	CCGT	GT + EHR	ST	Total	SCGT	CCGT	GT + EHR	ST	CSP	Total
AMPC	Al Ain	256				256	256				256	256					256
	Al Mirfa			186		186			186		186			186			186
	Madinat Zayed	109				109	109				109	109					109
	AMPC Total	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
	APC Total		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
	GTTPC Total		1,672			1,672		1,670			1,670		1,670				1,670
ECPC	Taweelah A2		760			760		758			758		758				758
	ECPC Total		760			760		758			758		758				758
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
SCIPCO	Shuweiha 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	Shuweiha 2		1,627			1,627		1,623			1,623		1,621				1,621
	RPC Total		1,627			1,627		1,623			1,623		1,621				1,621
SAPCO	Shuweiha 3												493				
	SAPCO Total												493				
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
SPC	Shams 1															100	100
	Shams 1 Total															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

قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2016 - 2014
(القدرة المتاحة في وقت الذروة)

Generation Capacity by Technology (Gross MW) 2014 - 2016
(Available Capacity at Peak)

Company	Station	2014						2015						2016					
		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
	Al Mirfa			186			186			186			186						
	Madinat Zayed	109					109	109					109	109					109
	AMPC Total	365		186			551	365		186			551	365					365
APC	Umm Al Nar		1,652	118	660		2,430		1,652	118	660		2,430		1,670	118	502		2,290
	APC Total	1,652		118	660		2,430		1,652	118	660		2,430		1,670	118	502		2,290
GTTTC	Taweelah A1		1,671				1,671		1,671				1,671		1,671				1,671
	GTTTC Total	1,671					1,671		1,671				1,671		1,671				1,671
ECPC	Taweelah A2		760				760		760				760		760				760
	ECPC Total	760					760		760				760		760				760
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		1,615				1,615								760				
	MIPCO Total	1,615					1,615								760				
SCIPCO	Shuweihat 1		1,627				1,627		1,615				1,615		1,615				1,615
	SCIPCO Total	1,627					1,627		1,615				1,615		1,615				1,615
RPC	Shuweihat 2		1,647				1,647		1,627				1,627		1,627				1,627
	RPC Total	1,647					1,647		1,627				1,627		1,627				1,627
SAPCO	Shuweihat 3		861				861		1,647				1,647		1,647				1,647
	SAPCO Total	861					861		1,647				1,647		1,647				1,647
ESWPC	Fujairah F1		2,114				2,114		861				861		861				861
	Fujairah F1 Total	2,114					2,114		861				861		861				861
FAPCO	Fujairah F2					100	100		2,114				2,114		2,114				2,114
	Fujairah F2 Total					100	100		2,114				2,114		2,114				2,114
SPC	Shams 1					100	100					100	100					100	100
	Shams 1 Total					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	365	14,120	118	1,327	100	15,270

قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2017 - 2019
(القدرة المتاحة في وقت الذروة)

Generation Capacity by Technology (Gross MW) 2017 - 2019
(Available Capacity at Peak)

Station	2017						2018						2019						
	SCGT	CCGT	GT + EHR	ST	CSP	Total	SCGT	CCGT	GT + EHR	ST	CSP	Total	SCGT	CCGT	GT + EHR	ST	CSP	Solar	Total
Al Ain	256					256	256					256	256						256
Al Mirfa																			
Madinat Zayed	109					109	109					109	108						108
AMPC Total	365					365	365					365	364						364
Umm Al Nar		1,670	118	202		1,990		1,670	118	202		1,990		1,670	118	282			2,070
APC Total		1,670	118	202		1,990		1,670	118	202		1,990		1,670	118	282			2,070
Taweelah A1		1,671				1,671		1,671				1,671		1,671					1,671
GTPC Total		1,671				1,671		1,671				1,671		1,671					1,671
Taweelah A2		760				760		760				760		760					760
ECPC Total		760				760		760				760		760					760
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
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
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
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
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
Shams 1																	100		100
SPC Total																	100		100
Noor Abu Dhabi																		935	935
Sweihan PV Total																		935	935
Fujairah F1		861				861		861				861		861					861
Fujairah F1 Total		861				861		861				861		861					861
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
Shams 1					100	100					100	100							861
Shams 1 Total					100	100					100	100							861
Total	749	14,678	118	1,027	100	16,672	749	14,678	118	1,027	100	16,672	748	14,678	118	1,107	100	935	17,686

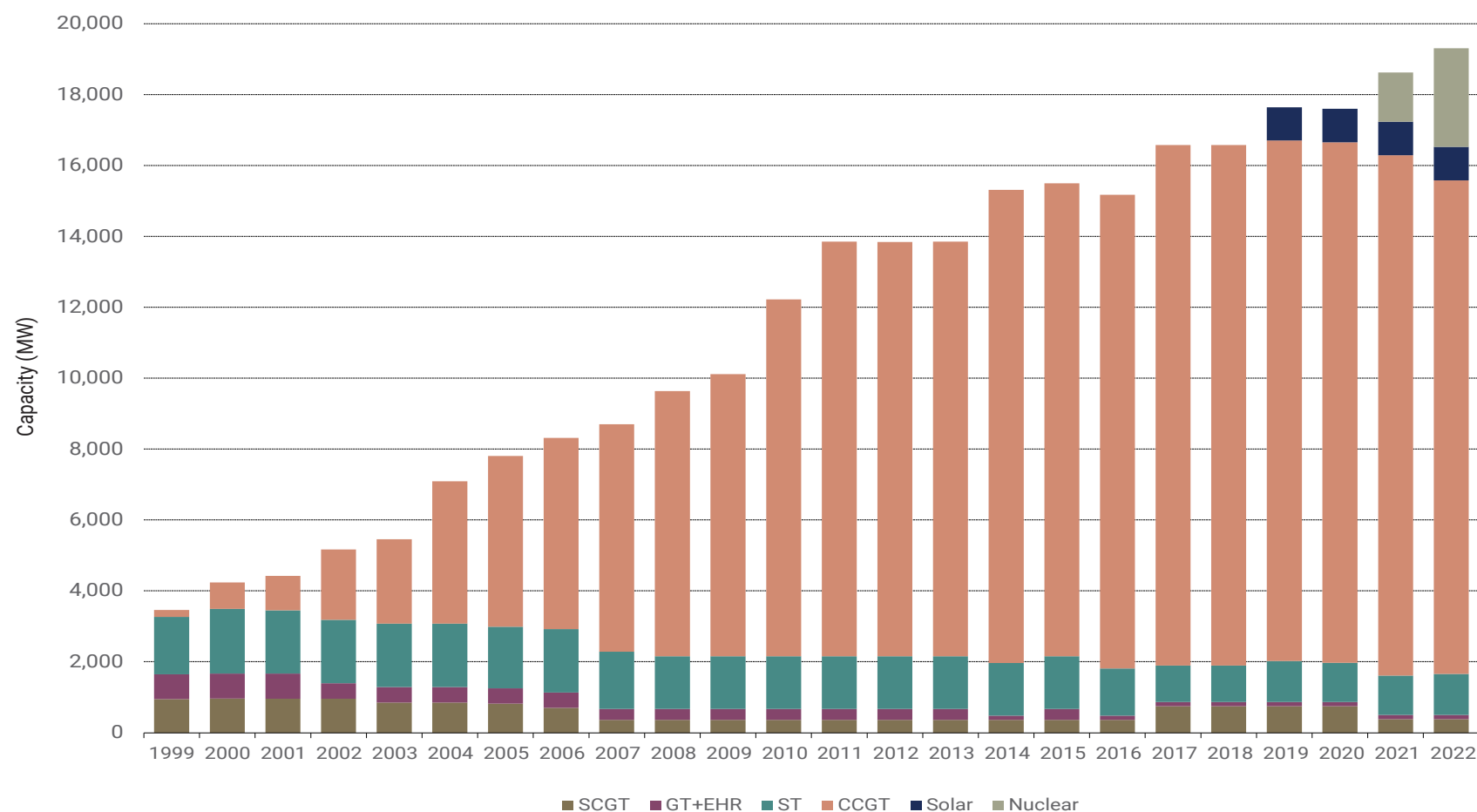
قدرة الإنتاج حسب التقنية المتبعة (ميجاوات) 2020 - 2022
(القدرة المتاحة في وقت الذروة)

Generation Capacity by Technology (Gross MW) 2020 - 2022
(Available Capacity at Peak)

Company	Station	2020							2021							2022								
		SCGT	CCGT	GT + EHR	ST	CSP	Solar	Total	SCGT	CCGT	GT + EHR	ST	CSP	Solar	Nuclear	Total	SCGT	CCGT	GT + EHR	ST	CSP	Solar	Nuclear	Total
AMPC	Al Ain	256						256																
	Al Mirfa																							
	Madinat Zayed	108						108																
	AMPC Total	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			1,671		1,671								
	GTTPC Total	1,671		1,671			1,671		1,671		1,671			1,671		1,671								
ECPC	Taweelah A2	760		760			760		760		760			760		760								
	ECPC Total	760		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			384	1,318	1,702					
	MIPCO Total	384	1,318	1,702			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		1,615								
	SCIPCO Total	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								
	RPC Total	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								
	SAPCO Total	1,647		1,647			1,647		1,647		1,647			1,647		1,647								
BOC	BNPP														1,390	1,390							2,780	2,780
	BNPP Total														1,390	1,390							2,780	2,780
SPC	Shams 1					100	100						100	100						100				
	SPC Total					100	100						100	100						100				
Masdar	Masdar PV						10	10						10	10							10		
	Masdar Total						10	10						10	10							10		
Sweihan PV	Noor Abu Dhabi						935	935						935	935							935		
	Sweihan PV Total						935	935						935	935							935		
ESWPC	Fujairah F1	861		861			861		861		861			861		861								
	Fujairah F1 Total	861		861			861		861		861			861		861								
FAPCO	Fujairah F2	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								
Total		748	14,678	118	1,107	100	945	17,696	384	14,678	118	1,107	100	945	1,390	18,722	384	13,918	118	1,107	100	945	2,780	19,352

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

Generation Capacity by Technology (Gross MW) 1999 - 2022
(Available Capacity at Peak)



قدرة التحلية حسب تقنيات التحلية 2013 - 2017
(الاجمالي مليون متر مكعب) (القدرة المتاحة في وقت الذروة)

Desalination Capacity by Technology (Gross million m3) 2013 - 2017
(Available Capacity at Peak)

Company	Station	2013				2014				2015				2016				2017			
		MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total
AMPC	Al Mirfa	0.18			0.18	0.18			0.18												
	AMPC Total	0.18			0.18	0.18			0.18												
APC	Umm Al Nar	0.63	0.03		0.66	0.63	0.03		0.66	0.63	0.03		0.66	0.63	0.03		0.66	0.63	0.03		0.66
	APC Total	0.63	0.03		0.66	0.63	0.03		0.66	0.63	0.03		0.66	0.63	0.03		0.66	0.63	0.03		0.66
GTTPC	Taweelah A1	0.15	0.24		0.39	0.15	0.24		0.39	0.15	0.24		0.39	0.15	0.24		0.39	0.15	0.24		0.38
	GTTPC Total	0.15	0.24		0.39	0.15	0.24		0.39	0.15	0.24		0.39	0.15	0.24		0.39	0.15	0.24		0.38
ECPC	Taweelah A2	0.23			0.23	0.23			0.23	0.23			0.23	0.23			0.23	0.23			0.23
	ECPC Total	0.23			0.23	0.23			0.23	0.23			0.23	0.23			0.23	0.23			0.23
TAPCO	Taweelah Initial B	0.32			0.32	0.32			0.32	0.32			0.32	0.32			0.32	0.32			0.32
	Taweelah B Extension	0.11			0.11	0.11			0.11	0.11			0.11	0.11			0.11	0.11			0.11
	Taweelah New B Extension	0.31			0.31	0.31			0.31	0.31			0.31	0.31			0.31	0.31			0.31
	TAPCO Total	0.74			0.74	0.74			0.74	0.74			0.74	0.74			0.74	0.74			0.74
SCIPCO	Shuweihat 1	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46
	SCIPCO Total	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46
RPC	Shuweihat 2	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46
	RPC Total	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46
MIPCO	New Mirfa																	0.10	0.14		0.24
	MIPCO Total																	0.10	0.14		0.24
TDC	Taweelah RO																				
	TDC Total																				
ESWPC	Fujairah 1	0.29		0.17	0.46	0.29		0.17	0.46	0.29		0.31	0.60	0.29		0.31	0.60	0.29		0.31	0.60
	ESWPC Total	0.29		0.17	0.46	0.29		0.17	0.46	0.29		0.31	0.60	0.29		0.31	0.60	0.29		0.31	0.60
FAPCO	Fujairah 2		0.46	0.14	0.60		0.46	0.14	0.60		0.46	0.14	0.60		0.46	0.14	0.60		0.46	0.14	0.60
	FAPCO Total		0.46	0.14	0.60		0.46	0.14	0.60		0.46	0.14	0.60		0.46	0.14	0.60		0.46	0.14	0.60
Total		3.13	0.74	0.31	4.17	3.12	0.74	0.31	4.17	2.95	0.74	0.45	4.13	2.95	0.74	0.45	4.13	2.95	0.84	0.58	4.37

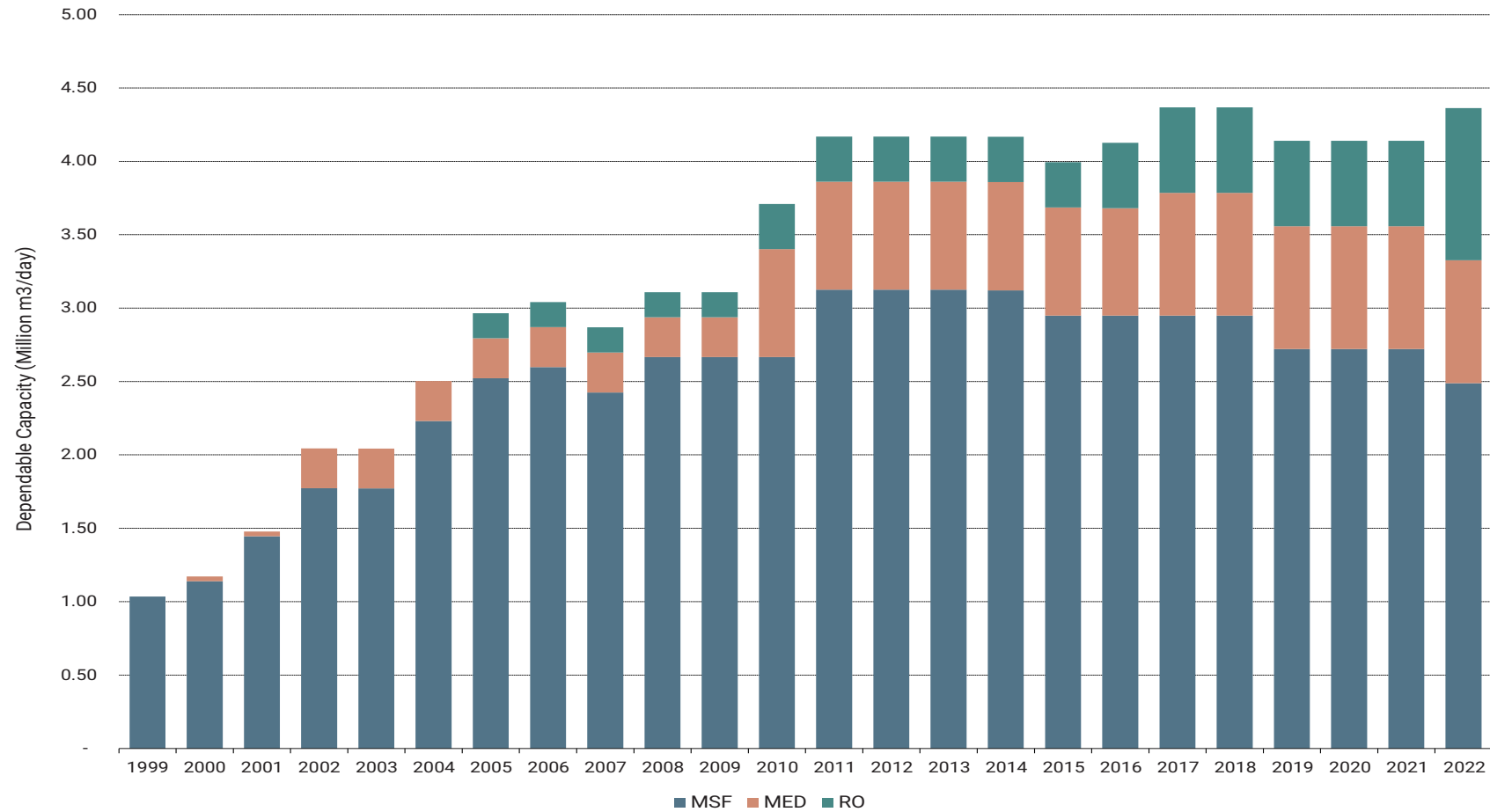
قدرة التحلية حسب تقنيات التحلية 2018 - 2022
(الاجمالي مليون متر مكعب) (القدرة المتاحة في وقت الذروة)

Desalination Capacity by Technology (Gross million m3) 2018 - 2022
(Available Capacity at Peak)

Company	Station	2018				2019				2020				2021				2022			
		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	0.40	0.03		0.43	0.40	0.03		0.43	0.40	0.03		0.43	0.40	0.03		0.43	0.40	0.03		0.43
	APC Total	0.40	0.03		0.43	0.40	0.03		0.43	0.40	0.03		0.43	0.40	0.03		0.43	0.40	0.03		0.43
GTTPC	Taweelah A1	0.15	0.24		0.38	0.15	0.24		0.38	0.15	0.24		0.38	0.15	0.24		0.38	0.15	0.24		0.38
	GTTPC Total	0.15	0.24		0.38	0.15	0.24		0.38	0.15	0.24		0.38	0.15	0.24		0.38	0.15	0.24		0.38
ECPC	Taweelah A2	0.23			0.23	0.23			0.23	0.23			0.23	0.23			0.23				
	ECPC Total	0.23			0.23	0.23			0.23	0.23			0.23	0.23			0.23				
TAPCO	Taweelah Initial B	0.32			0.32	0.32			0.32	0.32			0.32	0.32			0.32	0.32			0.32
	Taweelah B Extension	0.11			0.11	0.11			0.11	0.11			0.11	0.11			0.11	0.11			0.11
	Taweelah New B Extension	0.31			0.31	0.31			0.31	0.31			0.31	0.31			0.31	0.31			0.31
	TAPCO Total	0.74			0.74	0.74			0.74	0.74			0.74	0.74			0.74	0.74			0.74
SCIPCO	Shuweihat 1	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46
	SCIPCO Total	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46
RPC	Shuweihat 2	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46
	RPC Total	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46	0.46			0.46
MIPCO	New Mirfa		0.10	0.14	0.23		0.10	0.14	0.23		0.10	0.14	0.24		0.10	0.14	0.24		0.10	0.14	0.24
	MIPCO Total		0.10	0.14	0.24		0.10	0.14	0.24		0.10	0.14	0.24		0.10	0.14	0.24		0.10	0.14	0.24
TDC	Taweelah RO																			0.46	0.46
	TDC Total																			0.46	0.46
ESWPC	Fujairah 1	0.29		0.31	0.60	0.29		0.31	0.60	0.29		0.31	0.60	0.29		0.31	0.60	0.29		0.31	0.60
	ESWPC Total	0.29		0.31	0.60	0.29		0.31	0.60	0.29		0.31	0.60	0.29		0.31	0.60	0.29		0.31	0.60
FAPCO	Fujairah 2		0.46	0.14	0.60		0.46	0.14	0.60		0.46	0.14	0.60		0.46	0.14	0.60		0.46	0.14	0.60
	FAPCO Total		0.46	0.14	0.60		0.46	0.14	0.60		0.46	0.14	0.60		0.46	0.14	0.60		0.46	0.14	0.60
Total		2.72	0.84	0.58	4.14	2.72	0.84	0.58	4.14	2.72	0.84	0.58	4.14	2.72	0.84	0.58	4.14	2.49	0.84	1.04	4.36

قدرة الإنتاج حسب نوع المولدات (الاجمالي مليون متر مكعب /اليوم) 1999 - 2022
(القدرة المتاحة في وقت الذروة)

Desalination Capacity by Technology (Gross million m3/day) 1999 - 2022
(Available Capacity at Peak)



انبعاثات غاز ثاني أكسيد الكربون

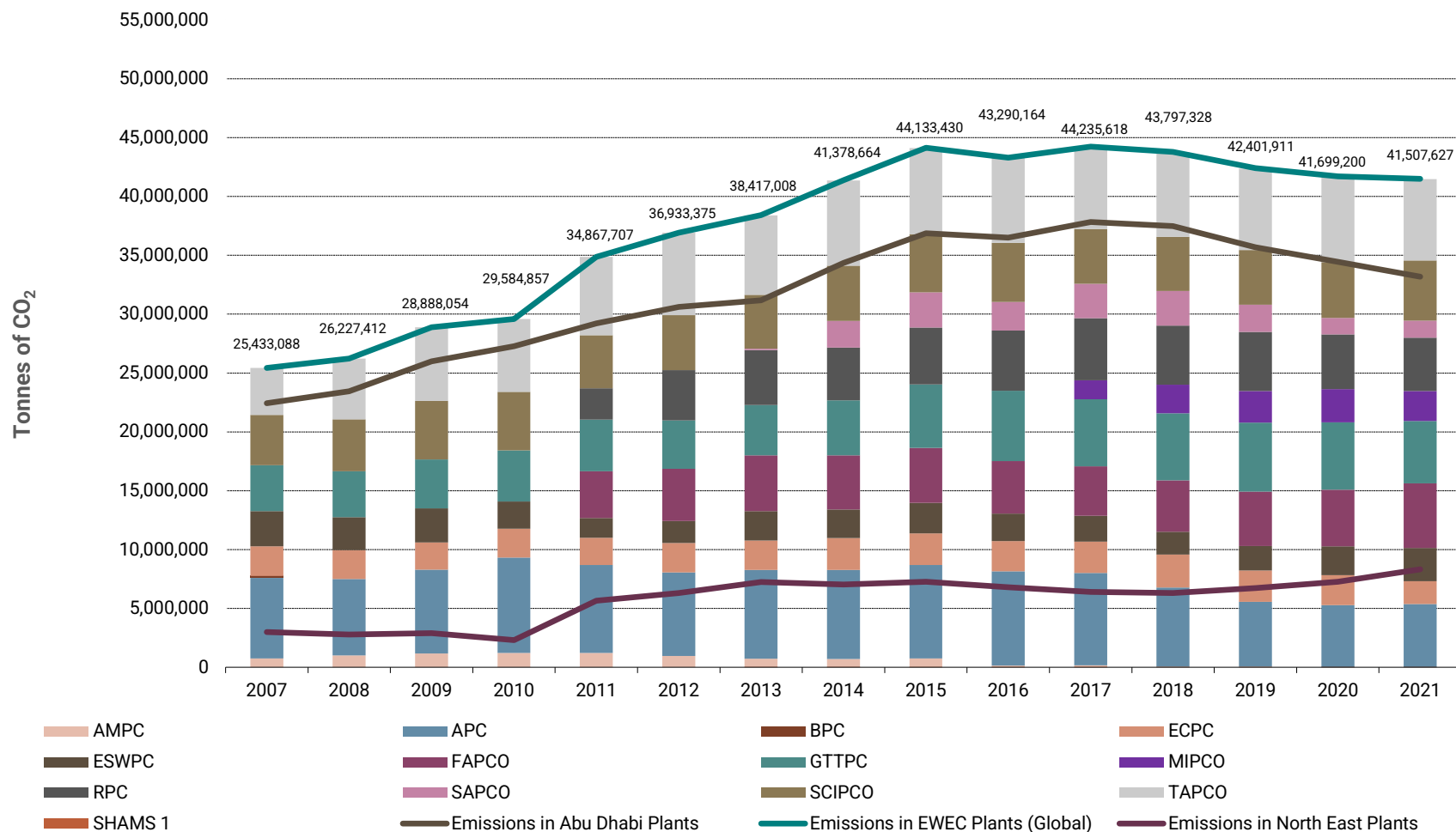
CO₂ Emissions

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

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

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

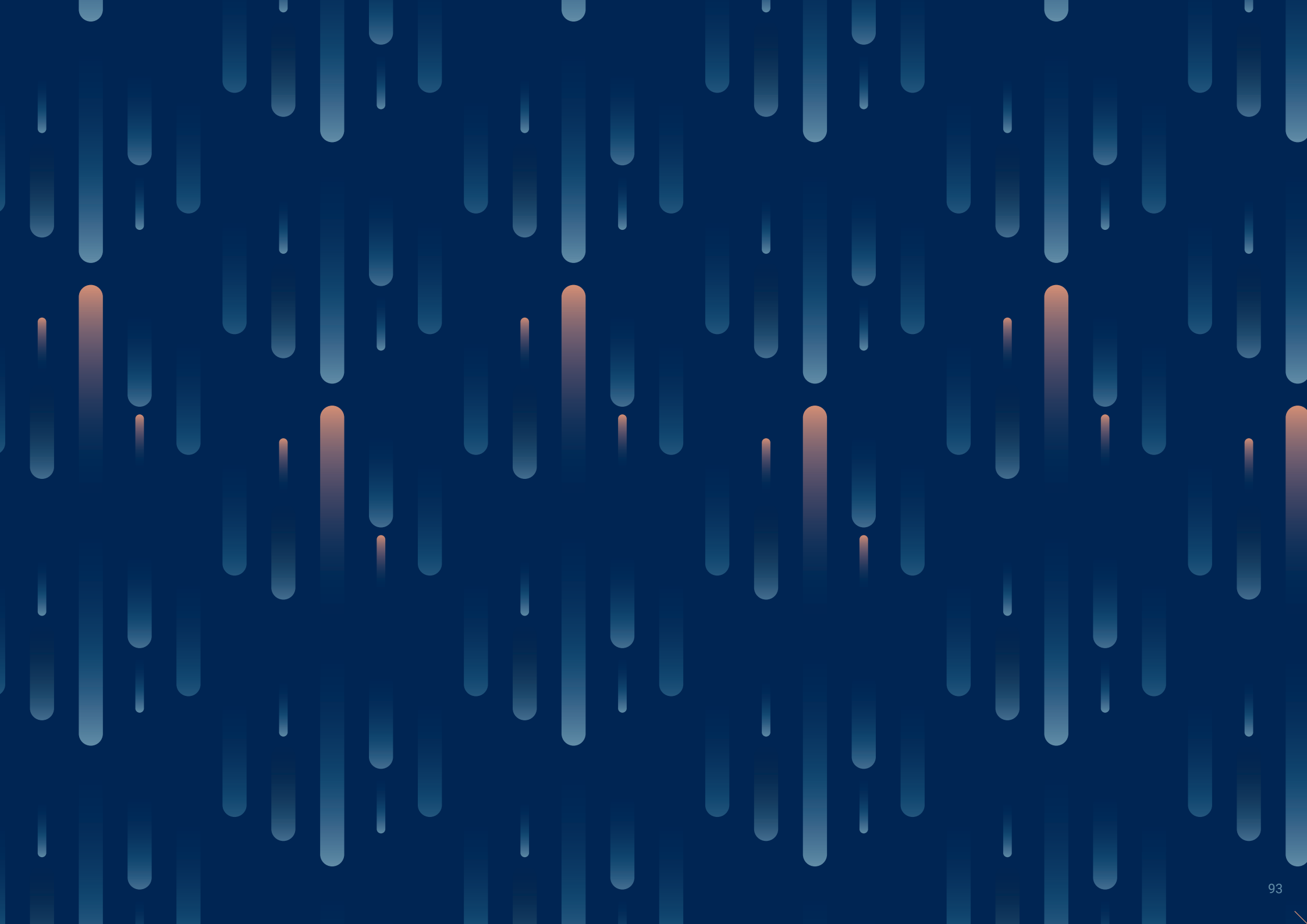
CO₂ Emissions (Tonnes) calculated as per the Emission Intensity Calculation Tool



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	2021
Bainounah Power Company (BPC)	174,332	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0
Gulf Total Tractabel 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	5,298,328
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	2,793,459	2,652,122	2,540,539	1,932,258
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	6,911,326
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	5,121,072
Ruwais Power Company (RPC)	0	0	0	0	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	4,530,956
Shuweihat Asia Power Company (SAPCO)							137,416	2,283,463	2,992,366	2,443,977	2,923,375	2,947,202	2,306,177	1,399,776	1,453,509
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	6,733,734	5,524,125	5,285,549	5,371,260
Shams Power Company (Shams1)							24,004	27,237	21,248	23,289	28,318	31,765	31,237	31,957	30,450
Mirfa International Power Company (MIPCO)											1,616,887	2,429,357	2,695,287	2,811,604	2,537,141
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	2,829,197
Fujairah Asia Power Company (FAPCO)	0	0	0	0	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	5,492,131
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	33,186,300
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	8,321,328
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	44,133,430	43,290,164	44,235,618	43,797,328	42,401,911	41,699,200	41,507,627



إحصائيات التنبؤ

Forecast Statistics

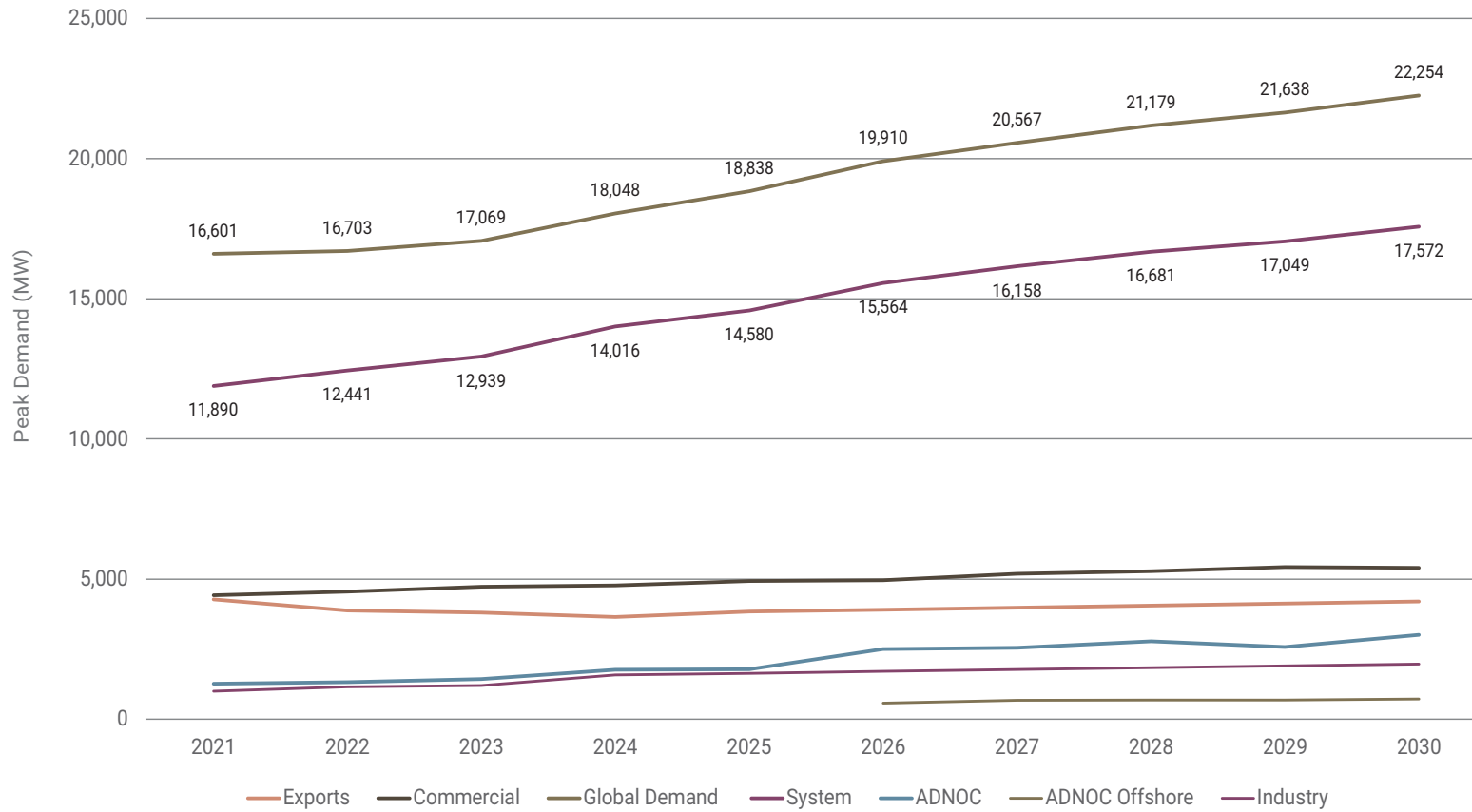
95	Electricity Peak Demand Forecast (Gross MW)	توقعات الطلب القصوى على الكهرباء (ميجاوات)	95
97	Water Peak Demand Forecast (Gross million m3)	توقعات الطلب القصوى على المياه (مليون جالون / يوم)	97
98	Water Global Demand (Gross million m3)	الطلب العالمي على المياه (مليون جالون / يوم)	98

توقعات الطلب القصوى على الكهرباء (ميجاوات)

Electricity Peak Demand Forecast (Gross MW)

CATEGORY	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
ADNOC	1,266	1,320	1,429	1,764	1,788	2,503	2,552	2,781	2,580	3,014
Residential	4,261	4,232	4,229	4,290	4,469	4,532	4,780	4,912	5,084	5,084
Commercial	4,421	4,553	4,724	4,770	4,929	4,962	5,182	5,282	5,425	5,400
ADNOC Offshore						569	676	682	686	719
Industry	997	1,157	1,204	1,579	1,642	1,706	1,772	1,840	1,903	1,963
Auxiliaries	1,126	1,170	1,163	1,287	1,304	1,267	1,339	1,360	1,318	1,387
System	11,890	12,441	12,939	14,016	14,580	15,564	16,158	16,681	17,049	17,572
Exports	4,272	3,881	3,809	3,645	3,842	3,911	3,981	4,053	4,126	4,201
Global Demand	16,601	16,703	17,069	18,048	18,838	19,910	20,567	21,179	21,638	22,254

توقعات الطلب القصوى على الكهرباء (ميجاوات) Electricity Peak Demand Forecast (Gross MW)



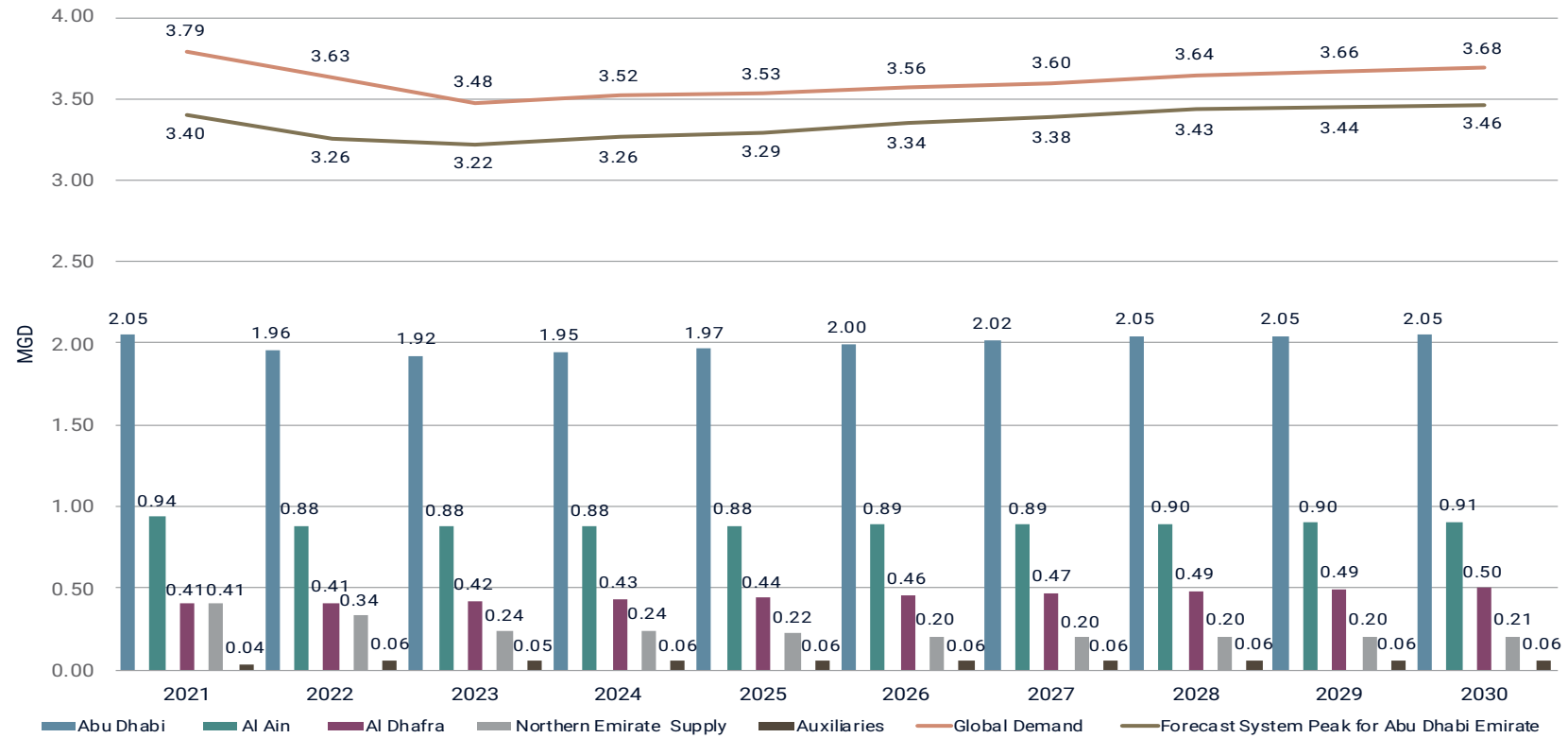
توقعات الطلب القصوى على المياه (الاجمالي مليون متر مكعب)

Water Peak Demand Forecast (Gross million m3)

Diversified Regional Gross Demand (losses included)	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Abu Dhabi	2.05	1.96	1.92	1.95	1.97	2.00	2.02	2.05	2.05	2.05
Al Ain	0.94	0.88	0.88	0.88	0.88	0.89	0.89	0.90	0.90	0.91
Al Dhafra	0.41	0.41	0.42	0.43	0.44	0.46	0.47	0.49	0.49	0.50
Forecast Sum of Regional Peaks	3.40	3.26	3.22	3.26	3.29	3.34	3.38	3.43	3.44	3.46
Forecast System Peak for Abu Dhabi Emirate	3.33	3.22	3.19	3.22	3.26	3.31	3.34	3.39	3.40	3.42
Regional Diversity Factor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Abu Dhabi Emirate Auxiliaries	0.03	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Emirate of Abu Dhabi System Peak + Auxiliaries	3.37	3.27	3.24	3.27	3.31	3.36	3.39	3.44	3.46	3.48
Farms in Northern Emirates (ADDC)	0.02	0.02								
Sector Totals including losses (Diversified)	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Domestic	1.02	1.00	0.98	0.99	1.02	1.02	1.03	1.03	1.02	1.02
Villas, Shabi'yat, Townhouse Irrigation	0.45	0.42	0.42	0.43	0.44	0.45	0.44	0.45	0.45	0.45
Bulk Irrigation Including Farms	1.62	1.55	1.54	1.53	1.49	1.50	1.52	1.54	1.55	1.55
Industrial	0.19	0.19	0.20	0.22	0.24	0.26	0.28	0.29	0.30	0.32
District Cooling	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09
Total Peak Sectoral Demands (Diversified)	3.33	3.22	3.19	3.22	3.26	3.31	3.34	3.39	3.40	3.42
Total System Peak (Resultant after superimposing individual Peaks)	3.33	3.22	3.19	3.22	3.26	3.31	3.34	3.39	3.40	3.42
Total of Sectoral Demands + Auxiliaries	3.36	3.27	3.24	3.27	3.31	3.36	3.39	3.44	3.46	3.48
EWEC Supplies to the Northern Emirates	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Total Etihad WE	0.32	0.25	0.14	0.15	0.13	0.11	0.11	0.11	0.11	0.11
Total SEWA	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Total FEC	-	-	-	-	-	-	-	-	-	-
Total DEWA	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-
Total Northern Emirates Exports Including Losses (Excluding Auxiliaries)	0.40	0.34	0.23	0.24	0.22	0.20	0.20	0.20	0.20	0.20
Total Northern Emirates Auxiliaries	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Northern Emirates Supply (Including Auxiliaries & Losses)	0.41	0.34	0.24	0.24	0.22	0.20	0.20	0.20	0.20	0.21
Total Auxiliaries	0.04	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Global Demand	3.79	3.63	3.48	3.52	3.53	3.56	3.60	3.64	3.66	3.68

الطلب العالمي على المياه (الاجمالي مليون متر مكعب)

Water Global Demand (Gross million m3)



المصطلحات

Glossary

AA	Al Ain	منطقة العين	MED	Multi-effect Desalination	تحلية بالتأثير المتبادل
AADC	Al Ain Distribution Company	شركة العين للتوزيع	MIG	Million (Imperial) Gallons	مليون جالون إمبراطوري
AAPS	Al Ain Power Station	محطة العين للطاقة	MIGD	Million (Imperial) Gallons per Day	مليون جالون إمبراطوري في اليوم
ADPower	Abu Dhabi Power Corporation	مؤسسة أبوظبي للطاقة	MIn	Million	مليون
ADWEC	Abu Dhabi Water and Electricity Company	شركة مياه وكهرباء أبوظبي	MRCC	Mirfa Combined Cycle Plant	وحدة الإنتاج ذات الدورة المزدوجة بالمرقا
ADDC	Abu Dhabi Distribution Company	شركة أبوظبي للتوزيع	MRF	Al Mirfa Power Station	محطة المرقا للطاقة
ADH	Abu Dhabi	أبوظبي	MIPCO	Mirfa International Power & Water Company	شركة المرقا إنترناشونال للماء والكهرباء
ADNOC	Abu Dhabi National Oil Company	شركة أبوظبي الوطنية للبترول	MSF	Multi-stage Flash Desalination	التحلية بالرداذا متعددة المراحل
ADPS	Abu Dhabi Power Station	محطة أبوظبي للطاقة	MW	Mega Watt	ميغاوات
AIN	Al Ain Power Station	محطة العين للطاقة	MZD	Madinat Zayed Power Station	محطة مدينة زايد للطاقة
AMPC	Al Mirfa Power Company	محطة المرقا للطاقة	NDC	Net Dependable Capacity	صافي القدرة المعتمدة
APC	Arabian Power Company	الشركة العربية للطاقة	NE	Northern Emirates	الإمارات الشمالية
ATPC	Al Taweelah Power Company	شركة الطويلة للطاقة	NG	Natural Gas	الغاز الطبيعي
BOC	Barakah One Company	شركة براكه 1	OHSAS	Occupational Health and Safety Assessment Series	الصحة المهنية وسلسلة تقييم السلامة
BSCFT	Billion Standard Cubic Feet	مليار قدم مكعب قياسي	O&M	Operation and Maintenance	التشغيل والصيانة
BPC	Bainounah Power Company	شركة بينونة للطاقة	OCGT	Open Cycle Gas Turbine (same as SCGT)	توربين بخاري ذو دورة مفتوحة (بسيطة)
BST	Bulk Supply Tariff	تعرفة التوريد بالجملة	OECD	Organization of Economic Cooperation for Development	منظمة التعاون الاقتصادي للتطور
BPST	Back Pressure Steam Turbine	توربين بخاري ذو ضغط ارتدادي	OHL	Overhead Line	خط هوائي
BST	Bulk Supply Tariff	تعرفة التوريد بالجملة	P&D	Power & Desalination Plants / Station	مواقع / محطات الطاقة و التحلية
CCGT	Combined Cycle Cogeneration Plant	وحدة إنتاج كهرباء و مياه ذات دورة مزدوجة	PCOD	Project Commercial Operation Date	تاريخ بدء التشغيل التجاري للمشروع
CEST	Controlled Extractions Steam Turbine	توربين بخاري بمخارج	PPA	Power Purchase Agreement	اتفاقية شراء الطاقة
COD	Commercial Operation Date	تاريخ التشغيل التجاري	PS	Power Station or Pumping Station (related to context)	محطة طاقة أو محطة ضخ (حسب موقعها في الجملة)
CO ₂	Carbon Dioxide	ثاني أكسيد الكربون	PV	Photovoltaics	الخلايا الكهروضوئية
CSP	Concentrated Solar Power	الطاقة الشمسية المركزة	PWPA	Power & Water Purchase Agreement	اتفاقية شراء الكهرباء و الماء
CST	Condensing Steam Turbine	توربين بخاري بمكثف	PWR	Power to Water Ratio	نسبة الكهرباء للماء
CY	Contract Year	سنة التعاقد	RO	Reverse Osmosis	التناضح العكسي
DE	Diesel Engine	محرك الديزل	RPC	Ruwais Power Company	شركة الرويس للطاقة
DEL	Dolphin Energy Limited	دولفين المحدودة للطاقة	SAPCO	Shuweihat Asia Power Company	شركة الشويهاث آسيا للطاقة
DEWA	Dubai Electricity & Water Authority	هيئة كهرباء ومياه دبي	SEWA	Sharjah Electricity & Water Authority	هيئة كهرباء ومياه الشارقة
DISCO	Distribution Company	شركات التوزيع "أبوظبي و العين"	SFCR	Statement of Future capacity Requirements	بيان متطلبات السعة المستقبلية
DOE	Department of Energy	دائرة الطاقة	SCGT	Simple Cycle Gas Turbine or GTSC	توربين غازي ذو دورة بسيطة
DSM	Demand Side Management	إدارة جانب الطلب	SCIPCO	Shuweihat CMS International Power Company	شركة الشويهاث سي إم إس للطاقة
DSS	Desalination Security Standard	مقياس قدرة التحلية الإضافية	S1, S2, S3	Shuweihat S1 / S2 / S3 Station	المرحلة الأولى أو الثانية من محطة الشويهاث
ECPC	Emirates CMS Power Company	شركة الإمارات سي إم إس للطاقة	ST	Steam Turbine	توربين بخاري
EHR	Exhaust Heat Recovery Boiler (same as HRSG)	غلاية استرجاع حرارة الغاز العادم	STS	Steam Turbine Station at Mina	محطة التوربينات البخارية (الميناء)
EGA	Emirates Global Aluminum	الإمارات العالمية للألمنيوم	Sweiha PV	Sweiha PV Power Company	شركة سويحان للطاقة الشمسية الكهروضوئية
ENEC	Emirates Nuclear Energy Company	مؤسسة الإمارات للطاقة النووية	SWRO	Sea Water Reverse Osmosis	تحلية مياه البحر بالتناضح العكسي
ENG	Emirates National Grid Project	مشروع الربط الكهربائي الوطني	TA1	Taweelah A Extension, GTTPC	توسعة محطة الطويلة A1 - (جي تي بي سي)
ESWPC	Emirates SembCorp Water & Power Company	شركة الإمارات سيمكوب للماء و الكهرباء	TAKREER	Abu Dhabi Oil Refining Company	شركة أبوظبي لتكرير النفط (تكرير)
EWE	Ethad Water & Electricity	الاتحاد للماء والكهرباء	TAPCO	Taweelah Asia Power Company	شركة الطويلة آسيا للطاقة
EWEC	Emirates Water & Electricity Company	شركة مياه وكهرباء الإمارات	TAQA	Abu Dhabi National Energy Company "TAQA"	شركة أبوظبي الوطنية للطاقة "طاقة"
FAPCO	Fujairah Asia Power Company	شركة الفجيرة آسيا للطاقة	TAW	Taweelah	الطويلة
F3	Fujairah Power Company F3	شركة الفجيرة للطاقة F3	TAW A1	Taweelah A Power Station	محطة الطويلة A للطاقة
FOR	Forced Outage Rate	نسبة انقطاع القدرة الإجمالية	Taw B1, TWB	Taweelah B Power Station	محطة الطويلة B للطاقة
GCCIA	Gulf Cooperation Council Interconnection Authority	مجلس التعاون الخليجي	Taw B2, TB2	Taweelah B2 Power Station	محطة الطويلة B2 للطاقة
GD	Generation & Desalination Company	شركة إنتاج الطاقة و التحلية	TDC	Taweelah RO Desalination Company	محطة الطويلة للتناضح العكسي
GSS	Generation Security Standard	مقياس قدرة التوليد الإضافية	TIG	Thousand Imperial Gallons	ألف جالون إمبراطوري
GT	Gas Turbine	توربين غازي	TRANSCO	Transmission & Dispatch Company	شركة أبوظبي للنقل و التحكم (ترانسكو)
GTEHR	Gas Turbine with HRSG / EHR Boiler	توربين غازي مع غلاية استرجاع حرارة الغاز العادم	UAE	United Arab Emirates	الإمارات العربية المتحدة
GTS	Gas Turbine Station, at Mina	محطة التوربينات الغازية (الميناء)	UAN-IWPP	Umm Al Nar - Independent Water & Power Producer	المنتج المستقل للماء و الكهرباء - أم النار
GTSC	Gas Turbine, Simple Cycle or SCGT	توربين غازي ذو دورة بسيطة	UAN PC	Umm Al Nar Power Company or UNPC	شركة أم النار للطاقة
GTTPC	Gulf Total Tractebel Power Company	شركة الخليج توتال تراكتيبل للطاقة	UNE-A, UEA	Umm Al Nar East a Power Station	محطة كهرباء أم النار A شرق
GWh	Giga Watt Hour	جيجاوات ساعة	UNE-B, UEB	Umm Al Nar East B Power Station	محطة كهرباء أم النار B شرق
HRSG	Heat Recovery Steam Generator (same as EHR)	غلاية استرجاع حرارة الغاز العادم	UNW	Umm Al Nar West Power Station	محطة كهرباء أم النار B شرق
HTME	Horizontal Type Multi-effect Desalination Plant	وحدة تحلية بالتأثير المتبادل من النوع الأفقي	UNW1-6, UW1	Umm Al Nar West 1 - 6 Power Station	محطة كهرباء أم النار غرب الوحدات 1-6
kWh	Kilo Watt Hour	كيلو وات ساعة	UNW7-8, UW7	Umm Al Nar West 7 & 8 Power Station	محطة كهرباء أم النار غرب الوحدات 7-8
LDC	Load Dispatch Center	مركز نقل الأحمال	UNW9-10, UW9	Umm Al Nar West 9 & 10 Power Station	محطة كهرباء أم النار غرب الوحدات 9-10
LOLE	Loss of Load Expectation	توقع فقدان الأحمال	UNW-B	Umm Al Nar West B Desalination Plant	محطة أم النار B غرب للتحلية
MASDAR	Abu Dhabi Future Energy Company	شركة أبوظبي لطاقة المستقبل	UWEC	Union Water & Electricity Company	شركة الاتحاد للماء و الكهرباء
MBTu	Million British Thermal Unit	مليون وحدة حرارية بريطانية			

خريطة موقع شركة مياه وكهرباء الإمارات

EWEC's Location Map





