



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

قدرة الإنتاج الإجمالية (ميجاوات) في ٣١ ديسمبر من كل عام

Year	BPC					UANPC*							ATPC			AMPC			ECPC	GTTPC	SCIPCO	APC*	SYSTEM
	GTS	STS	TWA *	AIN	Total	UEA	UEB	UW1	UW7	UW9	BYS	Total	TWB	TWB2	Total	MRF	MZD	Total	TA2	TA1	S1		
1998	392	128	255	426	1,201	120	130	360	300	100	108	1,118	732		732	192	100	292					3,343
1999	392	128	255	426	1,201	120	130	360	300	100	108	1,118	732	194	926	192	100	292					3,537
2000	392	120	255	428	1,195	120	130	360	320	150	108	1,188	732	337	1,069	196	113	309	555				4,316
2001	392	120		428	940	120	130	360	300	130	108	1,148	732	337	1,069	191	109	299	777	266			4,499
2002	392	120		428	940	118	130	360	300	130	108	1,146	738	337	1,075	186	109	295	777	1,014			5,246
2003	391	120		428	939								738	337	1,075	186	109	295	777	1,407		1,038	5,530
2004	391	120		428	939								738	337	1,075	186	109	295	777	1,431	1,610	1,038	7,165
2005	391	120		428	939								738	337	1,075	186	109	295	777	1,431	1,610	1,685	7,812

* Taweelah A converted to Taweelah A1 IWPP in September 2000

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

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

قدرة التحلية الإجمالية (مليون جالون/يوم) في ٣١ ديسمبر من كل عام

Year	BPC			UANPC *						ATPC			AMPC	ECPC	GTTPC	SCIPCO	APC	ADWEA SYSTEM	UWEC	ADWEA SYSTEM + UWEC	
	STS	TWA *	Total	UEA	UEB	UW1	UW7	UW9	UNWB	Total	TWB	TB2	Total	MRF	TA2	TA1	S1				UAN
1998	12.0	28.0	40.0	15.0	21.0	24.0	20.0			80.0	76.2		76.2	16.2					212.4		212.4
1999	15.1	29.2	44.3	19.2	22.5	27.6	25.6			94.9	72.0		72.0	16.2					227.4		227.4
2000	15.1	29.2	44.3	19.2	22.5	27.6	25.6	7.0		101.9	72.0	23.1	95.1	16.2					257.5		257.5
2001	15.1		15.1	19.2	22.5	27.6	25.6	7.0		101.9	72.0	23.1	95.1	31.2	50.6	30.8			324.7		324.7
2002	15.1		15.1	19.2	22.5	27.6	25.6	7.0	63.3	165.2	71.8	23.1	94.9	38.7	50.6	84.8			449.3		449.3
2003	15.1		15.1								71.8	23.1	94.9	38.7	50.6	84.8		165.2	449.3		449.3
2004	15.1		15.1								71.8	23.1	94.9	38.7	50.6	84.8	101.0	165.2	550.3		550.3
2005	15.1		15.1								71.8	23.1	94.9	38.7	50.6	84.8	101.0	165.2	550.3	90	640.3

* Taweelah A converted to Taweelah A1 IWPP in September 2000

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

قدرة الإنتاج حسب نوع المولدات (ميجاوات) ١٩٩٨ - ٢٠٠١ في ٣١ ديسمبر من كل عام

Generation Capacity by Technology (Gross MW) 1998 - 2001 (Dependable Capacity)



شركة أبوظبي للمياه والكهرباء
Abu Dhabi Water & Electricity Company

Company	Station	1998				1999				2000				2001			
		Diesel	Gas	Steam	Total	Diesel	Gas	Steam	Total	Diesel	Gas	Steam	Total	Diesel	Gas	Steam	Total
		Engine	Turbine	Turbine		Engine	Turbine	Turbine		Engine	Turbine	Turbine		Engine	Turbine	Turbine	
BPC	Abu Dhabi Gas Turbines		392		392		392		392		392		392		392		392
	Abu Dhabi Steam Turbines			128	128			128	128			120	120			120	120
	Taweelah A *		255		255		255		255								
	Al Ain	76	350		426	76	350		426	76	352		428	76	352		428
	BPC Total	76	997	128	1,201	76	997	128	1,201	76	744	120	940	76	744	120	940
UANPC**	Umm Al Nar East A		120		120		120		120		120		120		120		120
	Umm Al Nar East B		130		130		130		130		130		130		130		130
	Umm Al Nar West 1 - 6			360	360			360	360			360	360			360	360
	Umm Al Nar West 7 - 8			300	300			300	300			320	320			300	300
	Umm Al Nar West 9 - 10			100	100			100	100			150	150			130	130
	Baniyas		108		108		108		108		108		108		108		108
UANPC Total	358	760	1,118	1,118	358	760	1,118	1,118	358	830	1,188	1,188	358	790	1,148	1,148	
ATPC	Taweelah B			732	732			732	732			732	732			732	732
	Taweelah B2			0	0		194	194	194		194	143	337		194	143	337
	ATPC Total	732	732	732	732	194	732	926	926	194	875	1,069	1,069	194	875	1,069	
AMPC	Al Mirfa		192		192		192		192		196		196		191		191
	Madinat Zayed		100		100		100		100		113		113		109		109
	AMPC Total	292	292	292	292	292	292	292	292	309	309	309	309	299	299	299	
ECPC	Taweelah A2										555		555		555	222	777
	ECPC Total	555	555	555	555	555	555	555	555	555	555	555	555	555	222	777	
GTTPC	Taweelah A1										255		255		266		266
	GTTPC Total	255	255	255	255	255	255	255	255	255	255	255	255	266	266	266	
SCIPCO	S1																
	SCIPCO Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
APC	Umm Al Nar																
	APC Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	76	1,647	1,620	3,343	76	1,841	1,620	3,537	76	2,415	1,825	4,316	76	2,416	2,007	4,499	

قدرة الإنتاج حسب نوع المولدات (ميغاوات) ٢٠٠٢ - ٢٠٠٥ في ٣١ ديسمبر من كل عام

Generation Capacity by Technology (Gross MW) 2002 - 2005 (Dependable Capacity)



شركة أبوظبي للماء والكهرباء
Abu Dhabi Water & Electricity Company

Company	Station	2002				2003				2004				2005			
		Diesel	Gas	Steam	Total	Diesel	Gas	Steam	Total	Diesel	Gas	Steam	Total	Diesel	Gas	Steam	Total
		Engine	Turbine	Turbine		Engine	Turbine	Turbine		Engine	Turbine	Turbine		Engine	Turbine	Turbine	
BPC	Abu Dhabi Gas Turbines		392		392		392		392		392		392		392		392
	Abu Dhabi Steam Turbines			120	120			120	120			120	120			120	120
	Taweelah A *																
	Al Ain	76	352		428	76	352		428	76	352		428	76	352		428
	BPC Total	76	744	120	940	76	744	120	940	76	744	120	940	76	744	120	940
UANPC**	Umm Al Nar East A		118		118												
	Umm Al Nar East B		130		130												
	Umm Al Nar West 1 - 6			360	360												
	Umm Al Nar West 7 - 8			300	300												
	Umm Al Nar West 9 - 10			130	130												
	UANPC Total		356	790	1,146												
ATPC	Taweelah B			738	738			738	738			738	738			738	738
	Taweelah B2		194	143	337		194	143	337		194	143	337		194	143	337
	ATPC Total		194	881	1,075		194	881	1,075		194	881	1,075		194	881	1,075
AMPC	Al Mirfa		186		186		186		186		186		186		186		186
	Madinat Zayed		109		109		109		109		109		109		109		109
	AMPC Total		295		295		295		295		295		295		295		295
ECPC	Taweelah A2		555	222	777		555	222	777		555	222	777		555	222	777
	ECPC Total		555	222	777		555	222	777		555	222	777		555	222	777
GTTPC	Taweelah A1		608	405	1,014		799	608	1,407		823	608	1,431		823	608	1,431
	GTTPC Total		608	405	1,014		799	608	1,407		823	608	1,431		823	608	1,431
SCIPCO	S1										1,107	503	1,610		1,107	503	1,610
	SCIPCO Total										1,107	503	1,610		1,107	503	1,610
APC	Umm Al Nar						248	790	1,038		248	790	1,038		895	790	1,685
	APC Total						248	790	1,038		248	790	1,038		895	790	1,685
Total		76	2,752	2,418	5,246	76	2,834	2,621	5,531	76	3,965	3,124	7,165	76	4,612	3,124	7,812

قدرة التحلية حسب أسلوب التحلية ١٩٩٨ - ٢٠٠١ (مليون جالون/يوم) في ٣١ ديسمبر من كل عام

Desalination Capacity by Technology (Gross MGD) 1998 - 2001 (Dependable Capacity)



شركة أبوظبي للمياه والكهرباء
Abu Dhabi Water & Electricity Company

Company	Station	1998				1999				2000				2001			
		MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total
BPC	Abu Dhabi Steam Turbines	12			12	15			15	15			15	15			15
	Taweelah A *	28			28	29			29	29			29				
	BPC Total	40			40	44			44	44			44	15			15
UANPC**	Umm Al Nar East A	15			15	19			19	19			19	19			19
	Umm Al Nar East B	21			21	23			23	23			23	23			23
	Umm Al Nar West 1 - 6	24			24	28			28	28			28	28			28
	Umm Al Nar West 7 - 8	20			20	26			26	26			26	26			26
	Umm Al Nar West 9 - 10										7		7		7		7
	Umm Al Nar B																
UANPC Total	80			80	95			95	95	7		102	95	7		102	
ATPC	Taweelah B	76			76	72			72	72			72	72			72
	Taweelah B2									23			23	23			23
	ATPC Total	76			76	72			72	95			95	95			95
AMPC	Al Mirfa	16			16	16			16	16			16	31			31
	AMPC Total	16			16	16			16	16			16	31			31
ECPC	Taweelah A2												51				51
	ECPC Total												51				51
GTTPC	Taweelah A1												31				31
	GTTPC Total												31				31
SCIPCO	S1																
	SCIPCO Total																
APC	Umm Al Nar																
	APC Total																
Total		212			212	227			227	251	7		258	318	7		325



قدرة التحلية حسب أسلوب التحلية ٢٠٠٢ - ٢٠٠٥ (مليون جالون/يوم) في ٣١ ديسمبر من كل عام

Desalination Capacity by Technology (Gross MGD) 2002 - 2005 (Dependable Capacity)

Company	Station	2002				2003				2004				2005			
		MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total	MSF	MED	RO	Total
BPC	Abu Dhabi Steam Turbines	15			15	15			15	15			15	15			15
	Taweelah A *													15			15
	BPC Total	15			15	15			15	15			15				15
UANPC**	Umm Al Nar East A	19			19												
	Umm Al Nar East B	23			23												
	Umm Al Nar West 1 - 6	28			28												
	Umm Al Nar West 7 - 8	26			26												
	Umm Al Nar West 9 - 10		7		7												
	UANPC Total	158	7		165												
ATPC	Taweelah B	72			72	72			72	72			72	72			72
	Taweelah B2	23			23	23			23	23			23	23			23
	ATPC Total	95			95	95			95	95			95	95			95
AMPC	Al Mirfa	39			39	39			39	39			39	39			39
	AMPC Total	39			39	39			39	39			39	39			39
ECPC	Taweelah A2	51			51	51			51	51			51	51			51
	ECPC Total	51			51	51			51	51			51	51			51
GTTPC	Taweelah A1	32	53		85	32	53		85	32	53		85	32	53		85
	GTTPC Total	32	53		85	32	53		85	32	53		85	32	53		85
SCIPCO	S1									101			101	101			101
	SCIPCO Total									101	0		101	101	0		101
APC	Umm Al Nar					158	7		165	158	7		165	158	7		165
	APC Total					158	7		165	158	7		165	158	7		165
Total		390	60		449	389	60		449	490	60		550	490	60		550
UWEC	UWEC													56		34	90
	UWEC Total													56	0	34	90
ADWEA System + UWEC														546	60	34	640

* Taweelah A converted to Taweelah A1 IWPP in September 2000

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


**IWPP v Non-IWPP Generation Capacity (Gross MW)
 (Dependable Capacity at 31st December)**
**مقارنة (في ٣١ ديسمبر من كل عام) ما بين قدرة الإنتاج الكهربائي
 لشركات الإنتاج التابعة للهيئة و الشركات المخصصة (ميجاوات)**

	1999	2000	2001	2002	2003	2004	2005
Bainounah Power Company (BPC) *	1,201	1,195	940	940	939	939	939
Umm Al Nar Power Company (UANPC) **	1,118	1,188	1,148	1,146			
Al Taweelah Power Company	926	1,069	1,069	1,075	1,075	1,075	1,075
Al Mirfa Power Company	292	309	299	295	295	295	295
Non - IWPP	3,537	3,761	3,456	3,456	2,309	2,309	2,309
% Non - IWPP	100%	87%	77%	66%	42%	32%	30%
Emirates CMS Power Company (ECPC)		555	777	777	777	777	777
Gulf Total Tractebel Company (GTTPC)			266	1,014	1,407	1,431	1,431
Shuweihat CMS International Power Company (SCIPCO)						1,610	1,610
Arabian Power Company (APC)					1,038	1,038	1,685
IWPP	0	555	1,043	1,791	3,222	4,856	5,503
% IWPP	0%	13%	23%	34%	58%	68%	70%
SYSTEM	3,537	4,316	4,499	5,246	5,530	7,165	7,812

* Taweelah A converted to Taweelah A1 IWPP in September 2000

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

IWPP v Non-IWPP Desalination Capacity (Gross MGD) (Dependable Capacity at 31st December)

مقارنة (في ٣١ ديسمبر من كل عام) ما بين قدرة التحلية لشركات
الإنتاج التابعة للهيئة و الشركات المخصصة (مليون جالون/يوم)

	1999	2000	2001	2002	2003	2004	2005
Bainounah Power Company (BPC) *	44.3	44.3	15.1	15.1	15.1	15.1	15.1
Umm Al Nar Power Company (UANPC) **	94.9	101.9	101.9	165.2			
Al Taweelah Power Company	72.0	95.1	95.1	94.9	94.9	94.9	94.9
Al Mirfa Power Company	16.2	16.2	31.2	38.7	38.7	38.7	38.7
Non - IWPP	227.4	257.5	243.3	313.9	148.7	148.7	148.7
% Non - IWPP	100%	100%	75%	70%	33%	27%	23%
Emirates CMS Power Company (ECPC)			50.6	50.6	50.6	50.6	50.6
Gulf Total Tractebel Company (GTTPC)			30.8	84.8	84.8	84.8	84.8
Shuweihat CMS International Power Company (SCIPCO)						101.0	101.0
Arabian Power Company (APC)					165.2	165.2	165.2
Union Water and Electricity Company (UWEC)							90.0
IWPP	0	0	81.4	135.4	300.6	401.6	491.6
% IWPP	0%	0%	25%	30%	67%	73%	77%
SYSTEM	227.4	257.5	324.7	449.3	449.3	550.3	640.3

* Taweelah A converted to Taweelah A1 IWPP in September 2000

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