

Project No. 22209

***2000 Annual Update of
Generating Electric Utility
Data***

Public Utility Commission of Texas

Market Oversight Division

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Table of Contents

Introduction	1
Peak Demand.....	3
Interruptible Load	4
Other Demand Side Management.....	5
Installed Capacity.....	5
Net System Capacity	6
Reserve Margin	7
Annual Generation.....	7
Nonutility Entities.....	8
Annual Sales	9
Customers	10
Data Tables	11

List of Figures

Figure 1: Peak Demand (MW), 1995 - 1999.....	4
Figure 2: Total Energy Sales by Customer Class, 1999.....	10

List of Tables

Table 1: Utilities Included in the Update Report.....	3
Table 2: Installed Utility Capacity by Resource Type in 1999 (MW).....	6
Table 3: Net Utility Generation by Resource Type in 1999 (GWh).....	8
Table 4: Nonutility Providers to the Wholesale Market in 1999.....	9
Table 5: Number of Retail Customers by Utility in 1999.....	11
Table 6: Total Texas (With 1% Diversity) – Annual Peak Demand and Reserve Margin.....	12
Table 7: Total Texas – Net System Capacity by Source (MW).....	13
Table 8: Total Texas – Annual Sales by Sector (GWH)	14
Table 9: Total Texas – Generation by Resource Type (GWH).....	15
Table 10: Total Texas – Number of Customers.....	16
Table 11: Total ERCOT (With 1% Diversity) – Annual Peak Demand and Reserve Margin (MW).....	17
Table 12: Total ERCOT – Net System Capacity by Source (MW).....	18
Table 13: Total ERCOT – Annual Sales by Sector (GWH).....	19
Table 14: Total ERCOT – Generation by Resource Type (GWH).....	20
Table 15: Total ERCOT – Number of Customers.....	21
Table 16: Austin Energy – Annual Peak Demand and Reserve Margin (MW).....	22
Table 17: Austin Energy – Net System Capacity by Source (MW).....	22
Table 18: Austin Energy – Annual Sales by Sector (GWH)	23
Table 19: Austin Energy – Generation by Resource Type (GWH).....	23
Table 20: Austin Energy – Number of Customers	24
Table 21: Brazos Electric Power Cooperative – Annual Peak Demand and Reserve Margin (MW).....	25
Table 22: Brazos Electric Power Cooperative – Net System Capacity by Source (MW).....	25
Table 23: Brazos Electric Power Cooperative – Annual Sales by Sector (GWH).....	26
Table 24: Brazos Electric Power Cooperative – Generation by Resource Type (GWH).....	26
Table 25: Brazos Electric Power Cooperative – Number of Customers	27

Table 26: Central Power and Light – Annual Peak Demand and Reserve Margin (MW).....	28
Table 27: Central Power and Light – Net System Capacity by Source (MW).....	28
Table 28: Central Power and Light – Annual Sales by Sector (GWh)	29
Table 29: Central Power and Light – Generation by Resource Type (GWh).....	29
Table 30: Central Power and Light – Number of Customers	30
Table 31: City Public Service of San Antonio – Annual Peak Demand and Reserve Margin (MW).....	31
Table 32: City Public Service of San Antonio – Net System Capacity by Source (MW).....	31
Table 33: City Public Service of San Antonio – Annual Sales by Sector (GWh)	32
Table 34: City Public Service of San Antonio – Generation by Resource Type (GWh).....	32
Table 35: City Public Service of San Antonio – Number of Customers	33
Table 36: Entergy Gulf States (Total System) – Annual Peak Demand and Reserve Margin (MW).....	34
Table 37: Entergy Gulf States (Total System) – Net System Capacity by Source (MW).....	34
Table 38: Entergy Gulf States (Total System) – Annual Sales by Sector (GWh)	35
Table 39: Entergy Gulf States (Total System) – Generation by Resource Type (GWh).....	35
Table 40: Entergy Gulf States (Total System) – Number of Customers	36
Table 41: Entergy Gulf States (Texas System) – Annual Peak Demand and Reserve Margin (MW).....	37
Table 42: Entergy Gulf States (Texas System) – Net System Capacity by Source (MW).....	37
Table 43: Entergy Gulf States (Texas System) – Annual Sales by Sector (GWh).....	38
Table 44: Entergy Gulf States (Texas System) – Generation by Resource Type (GWh).....	38
Table 45: Entergy Gulf States (Texas System) – Number of Customers	39
Table 46: El Paso Electric (Total System) – Annual Peak Demand and Reserve Margin (MW).....	40
Table 47: El Paso Electric (Total System) – Net System Capacity by Source (MW).....	40
Table 48: El Paso Electric (Total System) – Annual Sales by Sector (GWh).....	41
Table 49: El Paso Electric (Total System) – Generation by Resource Type (GWh).....	41
Table 50: El Paso Electric (Total System) – Number of Customers	42
Table 51: El Paso Electric (Texas System) – Annual Peak Demand and Reserve Margin (MW).....	43
Table 52: El Paso Electric (Texas System) – Net System Capacity by Source (MW).....	43
Table 53: El Paso Electric (Texas System) – Annual Sales by Sector (GWh).....	44
Table 54: El Paso Electric (Texas System) – Generation by Resource Type (GWh).....	44
Table 55: El Paso Electric (Texas System) – Number of Customers	45
Table 56: Lower Colorado River Authority – Annual Peak Demand and Reserve Margin (MW).....	46
Table 57: Lower Colorado River Authority – Net System Capacity by Source (MW).....	46
Table 58: Lower Colorado River Authority – Annual Sales by Sector (GWh).....	47
Table 59: Lower Colorado River Authority – Generation by Resource Type (GWh).....	47
Table 60: Lower Colorado River Authority – Number of Customers	48
Table 61: Reliant Energy HL&P – Annual Peak Demand and Reserve Margin (MW).....	49
Table 62: Reliant Energy HL&P – Net System Capacity by Source (MW).....	49
Table 63: Reliant Energy HL&P – Annual Sales by Sector (GWh).....	50
Table 64: Reliant Energy HL&P – Generation by Resource Type (GWh).....	50
Table 65: Reliant Energy HL&P – Number of Customers	51
Table 66: Southwestern Electric Power Company (Total System) – Annual Peak Demand and Reserve Margin (MW).....	52
Table 67: Southwestern Electric Power Company (Total System) – Net System Capacity by Source (MW).....	52
Table 68: Southwestern Electric Power Company (Total System) – Annual Sales by Sector (GWh).....	53
Table 69: Southwestern Electric Power Company (Total System) – Generation by Resource Type (GWh).....	53
Table 70: Southwestern Electric Power Company (Total System) – Number of Customers	54

Table 71: Southwestern Electric Power Company (Texas System) – Annual Peak Demand and Reserve Margin (MW).....	55
Table 72: Southwestern Electric Power Company (Texas System) – Net System Capacity by Source (MW).....	55
Table 73: Southwestern Electric Power Company (Texas System) – Annual Sales by Sector (GWh).....	56
Table 74: Southwestern Electric Power Company (Texas System) – Generation by Resource Type (GWh).....	56
Table 75: Southwestern Electric Power Company (Texas System) – Number of Customers.....	57
Table 76: Southwestern Public Service (Total System) – Annual Peak Demand and Reserve Margin (MW).....	58
Table 77: Southwestern Public Service (Total System) – Net System Capacity by Source (MW).....	58
Table 78: Southwestern Public Service (Total System) – Annual Sales by Sector (GWh).....	59
Table 79: Southwestern Public Service (Total System) – Generation by Resource Type (GWh).....	59
Table 80: Southwestern Public Service (Total System) – Number of Customers.....	60
Table 81: Southwestern Public Service (Texas System) – Annual Peak Demand and Reserve Margin (MW).....	61
Table 82: Southwestern Public Service (Texas System) – Net System Capacity by Source (MW).....	61
Table 83: Southwestern Public Service (Texas System) – Annual Sales by Sector (GWh).....	62
Table 84: Southwestern Public Service (Texas System) – Generation by Resource Type (GWh).....	62
Table 85: Southwestern Public Service (Texas System) – Number of Customers.....	63
Table 86: Texas New Mexico Power – Annual Peak Demand and Reserve Margin (MW).....	64
Table 87: Texas-New Mexico Power – Net System Capacity by Source (MW).....	64
Table 88: Texas-New Mexico Power – Annual Sales by Sector (GWh).....	65
Table 89: Texas-New Mexico Power – Generation by Resource Type (GWh).....	65
Table 90: Texas-New Mexico Power – Number of Customers.....	66
Table 91: TXU Electric – Annual Peak Demand and Reserve Margin (MW).....	67
Table 92: TXU Electric – Net System Capacity by Source (MW).....	67
Table 93: TXU Electric – Annual Sales by Sector (GWh).....	68
Table 94: TXU Electric – Generation by Resource Type (GWh).....	68
Table 95: TXU Electric – Number of Customers.....	69
Table 96: West Texas Utilities – Annual Peak Demand and Reserve Margin (MW).....	70
Table 97: West Texas Utilities – Net System Capacity by Source (MW).....	70
Table 98: West Texas Utilities – Annual Sales by Sector (GWh).....	71
Table 99: West Texas Utilities – Generation by Resource Type (GWh).....	71
Table 100: West Texas Utilities – Number of Customers.....	72

Introduction

This report contains selected data for generating electric utilities in Texas as reported to the Public Utility Commission (PUC) in April 2000.¹ The data pertain to system demand, system capacity, energy generation, energy sales, and the number of customers. The first part of the report briefly highlights selected data for 1999 and some of the significant trends in the reported data. For simplification, most of the comments focus on data for the state of Texas, but in some cases data for utilities in the Electric Reliability Council of Texas (ERCOT) is also presented. Table 1 provides a list of the utilities that were included in the report, along with their type of ownership, the reliability council to which they belong, and the acronym used to represent them in this report. Tables 16 – 100 provide historical data for 1995 – 1999 and projected data for 2000 and 2001 on a company-specific basis for the thirteen largest electric generating utilities in the state.²

In addition to company-specific data, Tables 6 – 15 provide consolidated data for ERCOT and the state for the same historical and projected periods as well as additional data for the projected years 2002-2009. The projections for 2002 – 2009 were consolidated to protect competitively sensitive information that was provided by the utilities and to recognize that the structure of the electric industry in Texas is currently undergoing dramatic change in order to be ready for the introduction of retail competition on January 1, 2002.³ The individual utility projections reflect the transition to a competitive market in varying degrees. Most projections were based on a status quo assumption that regulated markets would continue in the future. Some projections attempted to reflect changes that may occur from load losses due to competition and self-generation. Other projections omitted certain data because such projections would be developed by a competitive affiliate rather than the regulated transmission and distribution utility (TDU) after 2001. Given the variety of assumptions and the upcoming changes in the industry, utility supply-related projections, such as energy and capacity purchases,

¹ Most of the data presented in this report were filed in PUC Project No. 22209, Texas Electric Utility Annual Update. The peak demand numbers for ERCOT in Figure 1 were obtained from the ERCOT Independent System Operator. In a few cases, missing historical data were obtained from the DOE-EIA 861 database

² Company-specific demand forecasts for 2001 – 2006 are available on the ERCOT web site at the following location: <ftp://ftp.ercot-iso.com/planned/reports/reports.htm>

³ As directed by Senate Bill 7 passed by the 76th Texas Legislature in May 1999, a retail pilot project will begin on June 1, 2001, and full retail competition will begin on January 1, 2002.

off-system sales, and net system capacity probably do not reflect the market structure that will be in place after 2001. However, customer-related projections, such as peak demand, energy sales, and number of customers should still be valid. The information presented for ERCOT and Texas will be accurate enough to show the direction for the future of the electric industry in the state.

It is beyond the scope of this report to make a detailed analysis of the data or its implications. The Commission has previously addressed several issues that arise from this type of utility data in the Statewide Integrated Resource Plan (SIRP) which was prepared for the 76th Texas Legislature.⁴ The reader is referred to that report for a discussion of the issues. In compiling this data, PUC staff checked it for completeness and consistency. In a few cases, staff filled in missing data points or modified certain calculations for consistency. However, staff did not attempt to evaluate the reasonableness of the utility data. **The production of this report does not imply that the Public Utility Commission or its staff agree with the utility data or the underlying assumptions.**

⁴ Public Utility Commission of Texas, *Report to the 76th Texas Legislature: Statewide Integrated Resource Plan* (December 1998).

Table 1: Utilities Included in the Update Report

Utility Name	Acronym	Ownership	Reliability Council⁵
Austin Energy	AE	Municipal	ERCOT
Brazos Electric Power Cooperative	BEPC	Co-op	ERCOT
Brazos River Authority	BRA	River Authority	ERCOT
Brownfield Municipal Power & Light	BMPL	Municipal	SPP
Bryan Texas Utilities	BTU	Municipal	ERCOT
Central Power & Light	CPL	Investor Owned	ERCOT
City Public Service of San Antonio	CPS	Municipal	ERCOT
Denton Municipal Electric	Denton	Municipal	ERCOT
East Texas Electric Cooperative	ETEC	Co-op	SPP
El Paso Electric	EPE	Investor-Owned	WSCC
Entergy Gulf States	EGS	Investor-Owned	SERC
Garland Power & Light	GPL	Municipal	ERCOT
Guadalupe-Blanco River Authority	GBRA	River Authority	ERCOT
Greenville Electric Utility System	GEUS	Municipal	ERCOT
Lower Colorado River Authority	LCRA	River Authority	ERCOT
Lubbock Power & Light	LPL	Municipal	SPP
Medina Electric Cooperative	MEC	Co-op	ERCOT
Northeast Texas Electric Cooperative	NTEC	Co-op	SPP
Public Utility Board of Brownsville	PUB	Municipal	ERCOT
Reliant Energy HL&P	RHLP	Investor-Owned	ERCOT
Sam Rayburn G&T Electric Cooperative	SRG&T	Co-op	SPP
San Miguel Electric Cooperative	SMEC	Co-op	ERCOT
South Texas Electric Cooperative	STEC	Co-op	ERCOT
Southwest Power Administration	SWPA	Federal Agency	Various
Southwestern Electric Power	SWEPCO	Investor-Owned	SPP
Southwestern Public Service	SPS	Investor-Owned	SPP
Texas Municipal Power Authority	TMPA	Municipal	ERCOT
Texas-New Mexico Power	TNMP	Investor-Owned	ERCOT
Toledo Bend Hydro Plant	TBHP	River Authority	SERC
TXU Electric	TXU	Investor-Owned	ERCOT
Weatherford Municipal Utility System	WMUS	Municipal	ERCOT
West Texas Utilities	WTU	Investor-Owned	ERCOT

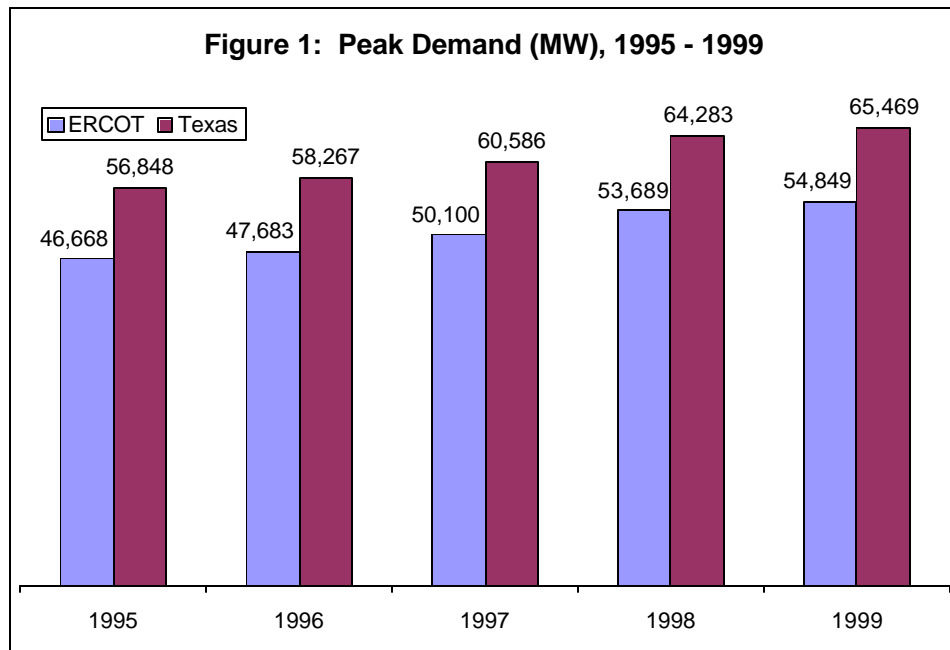
Peak Demand

Peak demand in Texas has grown significantly in recent years. Figure 1 shows that demand in the state grew from 56,848 MW in 1995 to 65,469 MW in 1999, which is a compound annual growth rate of 3.6%.⁶ In ERCOT, peak demand grew at a higher rate of 4.1% per year

⁵ ERCOT – Electric Reliability Council of Texas; SPP – Southwest Power Pool; WSCC – Western Systems Coordinating Council; SERC – Southeastern Electric Reliability Council

⁶ Since there is no single point of measurement of peak demand for the state of Texas, the Texas peak demands were determined by summing the individual utility peak demands and multiplying the total by 0.99 to apply an assumed 1% diversity factor.

from 46,668 MW to 54,849 MW.⁷ The reasons for the high rate of growth in demand include sustained economic growth, increasing population, and hotter than normal temperatures.



Interruptible Load

Interruptible load is customer load that is subject to being curtailed at times when a utility does not have enough capacity to meet customer demand and maintain reserve requirements. Typically, interruptible customers are industrial or large commercial customers. In 1999 utilities had 3,623 MW of interruptible load in Texas and 3,125 MW of interruptible load in ERCOT. Although interruptible customers can be curtailed at any time during the year, four utilities reported that they curtailed interrupted load at the time of their annual peak demand. CPL curtailed 1 MW; MEC curtailed 7 MW; RHLP curtailed 44 MW; and SWEPCO curtailed 3 MW. Utilities project only small changes to the total level of interruptible load in the next two years. For Texas, it is projected to be 3,724 MW in 2000 and 3,646 MW in 2001; and for ERCOT it is projected to be 3,191 MW in 2000 and 3,110 in 2001.

⁷ The peak demand numbers shown in Figure 1 for ERCOT are the actual coincident peak demand numbers as reported by the ERCOT Independent System Operator. ERCOT reached a new peak demand of 57,606 MW in 2000, which results in a compound annual growth of 4.3% from 1995 to 2000.

Other Demand Side Management

Peak demand in Texas was reduced by 68 MW of demand side management (DSM) resources in 1999. About two-thirds (43 MW) of the DSM resources were in ERCOT. Utilities project there will be 258 MW of DSM resources in the state in 2000 and 285 MW in 2001. AE, CPS, EPE, SPS, and TXU are projecting more DSM for 2000 and 2001 than they projected last year for the same two years. On the other hand, CPL, Reliant, and SWEPCO are projecting less DSM for 2000 and 2001 than they projected last year for the same two years. The projections by the American Electric Power (AEP) companies (CPL, SWEPCO, and WTU) show a significant decline in DSM resources from 2000 to 2001.

Installed Capacity

Installed utility generating capacity in Texas grew from 63,502 MW in 1995 to 64,164 MW in 1999, a total growth of only 1.0%. Less than half of this increase came from construction of new utility capacity. RHLP added about 160 MW in 1995 and SPS added generation in New Mexico in 1998, a portion of which is allocated to the Texas jurisdiction. Most of the remaining increase came from relatively small adjustments to the capacity ratings of existing generating units. There are several reasons why utilities in Texas have not added very much capacity in recent years. First, until recently, there was a surplus of capacity in the state. Second, utilities were uncertain about the future of the industry due to the potential for competition. Third, the Commission's integrated resource planning rules required utilities to obtain resources through competitive solicitations in the wholesale market.

Table 2 shows the amount of utility capacity by resource type for 1999. Sixty-one percent of the utility capacity in Texas uses natural gas as the primary fuel. Coal is a distant second at 16%, followed by lignite at more than 13%, nuclear at less than nine percent, and hydro at less than one percent. WTU reported one megawatt of wind generation capacity. In the "Other" category, AE reported three megawatts of distributed generation and landfill methane; and SPS reported 27 MW from a cogeneration facility.

Table 2: Installed Utility Capacity by Resource Type in 1999 (MW)

Utility	Gas/Oil	Coal	Lignite	Nuclear	Hydro	Wind	PV	Other	Total
TXU	12,995	-	5,825	2,300	-	-	-	-	21,080
RHLP	9,335	2,415	1,532	770	-	-	-	-	14,052
CPS	2,430	1,385	-	700	-	-	-	-	4,515
CPL	3,188	686	-	-	6	-	-	-	4,510
EGS (TX)	2,518	308	-	322	-	-	-	-	3,147
SPS (TX)	1,520	1,504	-	-	-	-	-	27	3,052
AE	1,518	580	-	406	-	-	-	3	2,507
LCRA	1,040	1,024	-	-	276	-	-	-	2,340
SWEPSCO (TX)	918	951	433	-	-	-	-	-	2,303
WTU	1,029	382	-	-	-	1	-	-	1,412
EPE (TX)	603	80	-	452	-	-	-	-	1,134
BEPC	687	-	-	-	-	-	-	-	687
TNMP	-	-	301	-	-	-	-	-	301
Total ERCOT	33,365	7,317	8,049	4,806	362	1	-	3	53,903
Total Texas	39,223	10,245	8,600	5,580	485	1	-	30	64,164

Net System Capacity

Net system capacity, the sum of installed capacity plus the net sum of capacity purchases and off-system sales, represents the total capacity that a utility has available to meet its customer demand. In 1999 total net system capacity in Texas was 69,583 MW. It grew at a compound annual rate of about 1.0% between 1995 and 1999. Utilities project that net system capacity will increase by 3.2% in 2000 and 1.8% in 2001.

Since very little new capacity is planned for construction by utilities, they will meet their demand growth by purchasing capacity from unregulated, nonutility entities such as independent power producers and power marketers. These nonutility entities may include companies that are affiliated with regulated utilities. Most of the new capacity being built in Texas will be fueled by natural gas, although several new wind facilities have been announced. Wind project developers have identified more than 1,000 MW of wind generation that is projected to come on line in 2001. Utilities such as AE, LCRA, Reliant, and TXU have signed contracts to purchase a significant portion of the wind energy.⁸

⁸ Various press releases provide the expected wind project completion dates and the capacity amounts under contract to utilities.

Reserve Margin

Reserve margins have declined significantly in Texas in recent years. For the state, reserve margin declined from nearly 30% in 1994 to 12.7% in 1999. In ERCOT, it declined from the same level in 1994 to 11.9% in 1999. These reserve percentages are based on “firm” demand, that is, they assume that interruptible load will not be served at the time of the annual system peak. Since all but 55 MW of interruptible load was served during the 1999 system peak, unused reserves were as low as 6.2% in Texas and 5.4% in ERCOT. The decline in reserve margins is the direct result of increased demand outpacing generation additions. In 1998, alarmed by the decline in reserve margins, the Commission began an investigation into the adequacy of capacity to meet summer peak demand.⁹ Commission staff identified potential capacity shortages, and utilities were required to submit plans that would provide additional resources to meet the potential shortages.

Annual Generation

As shown in Table 3, the total electric energy generated by utilities in Texas in 1999 was approximately 283,318 gigawatt-hours (GWh).¹⁰ About 38.6% of the energy was generated from natural gas. The other fuels used were coal (24.6%), lignite (21.5%), and nuclear (15.2%). WTU reported that it generated about 6,200 megawatt-hours (MWh) from wind resources and about 230 MWh from solar resources. AE reported that it generated 315 MWh from solar resources.

In addition to their own generation, utilities in Texas purchased 51,841 GWh of energy from other utilities and nonutility entities to provide a total supply of 335,159 GWh. Most of the energy purchased from nonutilities was generated from natural gas, which means that the percentage of total energy in the state generated from natural gas is greater than the 38.6% for utility generation. Since almost all new nonutility, merchant plants use natural gas, the percentage of energy generated from natural gas will increase in the future. In recent years, utilities in Texas have initiated programs to provide more energy from renewable resources,

⁹ *Investigation Into the Adequacy of Capacity for the 1999 and 2000 Peak Periods*, Project No. 19827. *Investigation Into the Adequacy of Capacity for the Years 2000 and 2001*, Project No. 21534.

¹⁰ A gigawatt-hour is 1,000 megawatt-hours or 1,000,000 kilowatt-hours.

primarily wind. In total, utilities project that they will purchase nearly 570,000 MWh of wind energy in 2000 and more than 720,000 MWh of wind energy in 2001.

Table 3: Net Utility Generation by Resource Type in 1999 (GWh)

Utility	NG/Oil	Coal	Lignite	Nuclear	Hydro	Wind	PV	Total Net Generation
TXU	36,373		40,845	17,358				94,575
RHLP	26,110	17,525	10,863	5,988				60,486
CPL	12,119	5,101		4,900	47			22,166
CPS	3,365	8,608		5,404				17,377
SPS (TX)	4,414	10,936						15,578
EGS (TX)	8,137	1,842		2,396				12,375
SWEPSCO (TX)	2,281	6,787	2,783					11,851
LCRA	3,295	7,573			196			11,063
AE	2,911	4,150		3,088			.086	10,149
EPE (TX)	2,317	614		3,870				6,801
WTU	3,393	2,492				6.2	.229	5,892
TNMP			1,913					1,913
BEPC	1,792							1,792
Total ERCOT	91,684	48,973	56,555	36,738	442	6.2	.315	234,399
Total Texas	109,340	69,670	60,063	43,004	1,008	6.2	.315	283,318

Nonutility Entities

The combined utility projections show that utility generation will decline by about 1.7% in 2000 and about 2.4% in 2001. However, the total energy available for customers will increase by 0.7% in 2000 and nearly 0.8% in 2001 due to purchases from other entities, primarily nonutility entities. Various types of entities can produce and/or sell electricity to utilities at wholesale, such as independent power producers, qualifying facilities, cogenerators, exempt wholesale generators, and power marketers. The first four of these generate electricity, but power marketers only buy and sell electricity. Some nonutility entities are affiliate with regulated utilities. The wholesale market for electricity in Texas has been competitive since 1995. Table 4 is a list of the nonutility entities that sold energy to the generating utilities in 1999.

Table 4: Nonutility Providers to the Wholesale Market in 1999¹¹

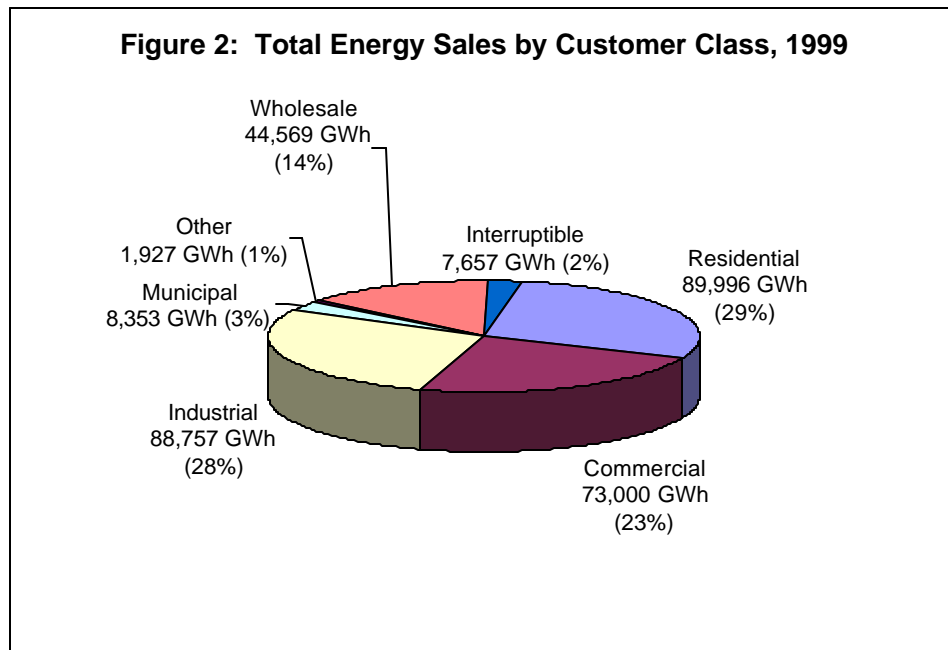
AES Corporation	Huntsman
Air Liquide America	Imperial Sugar
ALCOA	Ingleside Cogeneration
Amoco Oil Company	Kenetech WPP
Aquilla Energy Marketing Corporation	Kimmon Quartz
Avista Energy, Inc.	KOCH Energy Trading Co.
Bayou Cogeneration	LG&E Energy Marketing
Bio Energy Partners	New World Power
Borger Energy Associates	Newgulf Power Ventures
Calpine Power Services Company	Noram Energy Services
Cargill Alliant	Occidental Chemical
Citizen's Lehman Power Sales	Oyster Creek Ltd.
Cleburne	PanCanadian Energy
Clark Refining & Marketing	Pasadena Cogeneration
Clear Lake Cogeneration	PECO Energy
Cogen Lyondell	PG&E Energy
CoGen Power, Inc.	Rhone-Poulenc
Columbia Energy Power Marketing	S&L Cogeneration Company
ConAgra Energy Services	Sabine Cogen
Constellation Power	Sempra Energy Trading Company
Coral Power	Sid Richardson Carbon & Gas Co.
Delaware Mountain Wind Farm	Small Hydro of Texas
Dow Chemical	Southern Company Energy Marketing
Duke Energy Trading & Marketing, L.L.C.	Sweeney Cogeneration
Dynegy Marketing & Trade	Tenaska Power Services Co.
E.I. Dupont DeNemours Company	Texas City Cogeneration
Encogen One Cogeneration	Texas Petrochemicals
Energy Trading Group	Tractebel Energy Marketing
Energy Transfer Group	Union Carbide Corporation
ENG Carbons	Unocal
Enron Power Marketing	Valero Power Services, Inc.
Ensearch Energy Services	Vitol Gas & Electric
Exxon Company USA	West Texas Renewable Ltd Partnership
Falcon Seaboard Cogeneration	Wichita Falls Cogeneration
Frontera Generation Ltd.	

Annual Sales

Total system energy sales in 1999 in Texas were 314,260 GWh. This includes retail sales of 262,034 GWh (83.4%) and wholesale sales of 44,569 GWh (14.2%). Figure 2 shows that residential customers accounted for about 29% of sales, industrial customers accounted for about 28% of sales, and commercial customers accounted for about 23% of sales. In addition,

¹¹ Some of the names in this list represent affiliated entities, such as an independent power producer and a power marketer who are part of the same corporation.

municipal customers accounted for about 3% of sales, interruptible customers accounted about 2% of sales, and “other” customers accounted for less than 1.0% of sales.¹²



In 1999 total sales declined by more than 0.7% from 1998. Most of the hydro facilities and nonERCOT utilities reported lower sales in 1999. In addition, TXU reported about 3.4% lower sales in 1999. Taken altogether, utilities project that their total sales in Texas will increase by about 0.4% in 2000 and 0.9% in 2001. Most of the growth in sales will be met by utility purchases from nonutility entities.

Customers

Generating utilities in Texas served 7.3 million customers in 1999.¹³ Table 5 shows that residential customers made up 87% of all retail customers, commercial customers were more than 11%, and industrial, municipal, and other retail customers were each less than one percent of total retail customers. TXU serves nearly 35% of Texas customers and RHLP serves 22.5% of the customers in the state. The number of retail customers is projected to grow to more than 7.7 million by 2002, a compound growth rate of 2.0% per year.

¹² Sales to interruptible customers are greater than the amount shown, but some utilities do not track interruptible sales separate from commercial or industrial customers.

Table 5: Number of Retail Customers by Utility in 1999

	Residential	Commercial	Industrial	Municipal	Other	Total
TXU	2,236,743	248,544	20,436	31,288	-	2,537,011
RHLP	1,443,188	200,517	1,761	87	-	1,645,553
CPL	563,217	88,184	5,335	-	4,369	661,105
CPS	489,191	53,978	1,982	2,103	9,684	556,938
AE	301,057	36,334	31	-	14,582	352,004
EGS (TX)	297,383	33,713	4,986	1,354	512	337,948
SPS (TX)	219,120	43,030	7,857	493	132	270,632
EPE (TX)	203,014	19,870	114	2,910	-	225,908
WTU	148,257	28,878	5,499	-	6,371	189,005
TNMP	159,750	26,854	104	727	-	187,435
SWEPCO (TX)	131,882	23,699	3,006	-	909	159,496
Total ERCOT	5,438,355	696,643	35,696	34,784	37,648	6,243,130
Total Texas	6,343,668	823,903	51,756	40,366	39,369	7,299,066

Data Tables

The remainder of this report presents data tables for total Texas, total ERCOT, and each of the 13 largest utilities in the state.

¹³ These numbers do not include customers of distribution electric cooperatives and municipal utilities that do not have electric generating equipment.

**Table 6: Total Texas -
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Interruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	54,042	2,197	58	51,787	67,161	15,375	29.7%
1995	56,848	2,338	61	54,449	66,479	12,030	22.1%
1996	58,267	2,757	56	55,454	67,043	11,590	20.9%
1997	60,586	3,370	29	57,186	67,843	10,657	18.6%
1998	64,283	3,522	37	60,724	68,426	7,702	12.7%
1999	65,469	3,623	68	61,759	69,583	7,824	12.7%
2000	64,886	3,724	258	60,886	71,852	10,965	18.0%
2001	65,504	3,646	285	61,555	73,172	11,617	18.9%
2002	66,878	3,702	275	62,884	74,671	11,787	18.7%
2003	68,604	3,747	382	64,458	75,881	11,423	17.7%
2004	70,393	3,793	494	66,088	78,027	11,938	18.1%
2005	72,014	3,840	589	67,567	79,461	11,894	17.6%
2006	73,819	3,890	695	69,216	81,362	12,146	17.5%
2007	75,659	3,937	813	70,891	83,438	12,547	17.7%
2008	77,501	3,988	911	72,584	85,191	12,607	17.4%
2009	79,297	4,040	1,010	74,229	86,948	12,719	17.1%
AGR	1.9%	1.1%	30.9%	1.9%	2.3%	5.0%	3.1%

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
 AGR - Compound annual growth rate for the period from 1999 to 2009
 If not provided by the utility, PUC staff estimated data as needed.

**Table 7: Total Texas -
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Natural					Purchases			Off-System Sales	Net System Capacity
	Gas/Oil	Coal	Lignite	Nuclear	Other	Utilities	NonUtilities	Unspecified		
1994	39,028	9,443	9,195	5,655	479	2,263	2,651	-	1,499	67,161
1995	38,735	9,474	9,216	5,570	506	2,639	2,215	-	1,824	66,479
1996	39,006	9,480	9,190	5,555	506	3,236	2,230	-	2,265	67,043
1997	39,098	10,274	8,518	5,552	508	3,006	2,833	-	1,963	67,843
1998	39,245	10,310	8,595	5,583	512	2,916	3,057	-	1,811	68,426
1999	39,223	10,245	8,600	5,580	517	2,853	4,058	-	2,023	69,583
2000	39,400	10,369	8,503	5,556	527	2,132	5,786	635	1,394	71,852
2001	39,822	10,367	8,548	5,556	560	1,934	5,163	2,097	1,238	73,172
2002	39,708	10,272	8,500	5,568	572	1,524	3,331	5,738	942	74,671
2003	39,549	10,275	8,501	5,565	574	1,389	2,715	7,795	785	75,881
2004	40,271	10,279	8,502	5,577	632	1,397	1,508	10,304	764	78,027
2005	39,954	10,278	8,502	5,573	633	1,411	946	12,545	720	79,461
2006	38,863	10,280	8,503	5,574	633	1,360	717	15,747	700	81,362
2007	37,080	10,057	8,509	5,577	633	1,397	728	19,732	705	83,438
2008	36,157	9,938	8,509	5,578	633	1,388	738	22,501	726	85,191
2009	34,798	9,900	8,511	5,578	632	1,446	743	25,565	743	86,948
AGR	-1.2%	-0.3%	-0.1%	0.0%	2.0%	-6.6%	-15.6%		-9.5%	2.3%

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.

AGR - Compound annual growth rate for the period from 1999 to 2009

If not provided by the utility, PUC staff estimated data as needed.

**Table 8: Total Texas -
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Interruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	75,674	61,030	81,535	8,889	227,128	37,056	5,457	269,640
1995	78,027	62,804	81,998	9,034	231,864	39,791	4,560	276,215
1996	83,291	64,785	86,883	9,627	244,587	41,774	4,606	290,966
1997	84,469	67,080	89,481	9,726	250,757	42,924	6,452	300,133
1998	91,892	71,128	91,029	10,472	264,522	44,650	7,460	316,632
1999	89,996	73,000	88,757	10,281	262,034	44,569	7,657	314,260
2000	91,986	73,799	88,772	10,687	265,244	42,068	8,134	315,446
2001	94,385	75,157	88,564	10,917	269,023	41,173	8,036	318,232
2002	98,252	77,592	90,203	11,350	277,397	39,702	8,277	325,376
2003	100,835	79,410	91,731	11,560	283,536	40,386	8,365	332,288
2004	103,563	81,301	93,812	11,786	290,462	41,772	8,455	340,690
2005	106,227	83,171	95,978	11,999	297,375	42,551	8,547	348,472
2006	108,949	85,044	98,259	12,204	304,456	43,708	8,639	356,803
2007	111,385	86,830	100,030	12,385	310,629	45,127	8,734	364,490
2008	113,918	88,586	103,087	12,566	318,158	46,616	8,829	373,604
2009	116,606	90,432	105,627	12,760	325,426	48,165	8,926	382,517
AGR	2.6%	2.2%	1.8%	2.2%	2.2%	0.8%	1.5%	2.0%

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.

AGR - Compound annual growth rate for the period from 1999 to 2009

If not provided by the utility, PUC staff estimated data as needed.

**Table 9: Total Texas -
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural Gas/Oil	Coal	Lignite	Nuclear	Hydro	Other	Net Utility Generation	Net Energy Purchases	Total
1994	95,651	60,053	57,206	33,158	1,325	212	247,605	36,074	283,679
1995	96,019	60,262	57,277	42,043	1,658	226	257,485	35,822	293,307
1996	96,860	62,402	62,669	41,528	729	230	264,419	45,218	309,637
1997	96,901	64,811	61,219	43,154	1,701	226	268,010	51,628	319,639
1998	113,840	66,178	59,717	44,805	1,317	237	286,095	51,268	337,363
1999	109,340	69,670	60,063	43,004	1,008	234	283,318	51,841	335,159
2000	99,895	78,617	55,772	42,535	1,222	334	278,375	59,206	337,582
2001	94,424	79,755	53,744	42,298	1,222	363	271,806	68,337	340,142
2002	90,304	80,832	52,369	42,410	1,222	380	267,517	82,613	350,129
2003	87,656	82,644	51,188	42,135	1,221	370	265,215	92,256	357,471
2004	87,123	83,308	49,943	42,001	1,222	364	263,961	102,550	366,511
2005	86,038	84,485	48,775	42,460	1,220	375	263,353	110,625	373,979
2006	85,014	85,325	47,925	41,965	1,221	370	261,820	121,663	383,482
2007	85,651	86,267	46,842	41,491	1,219	370	261,841	129,770	391,612
2008	84,899	87,454	46,028	42,205	1,221	372	262,179	139,049	401,228
2009	81,386	92,507	45,088	42,192	1,219	371	262,764	147,651	410,415
AGR	-2.9%	2.9%	-2.8%	-0.2%	1.9%	4.7%	-0.8%	11.0%	2.0%

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.

AGR - Compound annual growth rate for the period from 1999 to 2009

If not provided by the utility, PUC staff estimated data as needed.

Since most of the Net Energy Purchases from 2000 to 2009 will be generated from natural gas, the percent of total generation provided by natural gas will increase by about 4% each year.

**Table 10: Total Texas -
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	5,718,204	723,119	54,228	35,351	31,510	6,562,412	418	6,562,830
1995	5,824,494	735,844	53,456	36,053	33,220	6,683,067	403	6,683,470
1996	5,946,907	752,953	53,272	36,921	35,357	6,825,409	422	6,825,831
1997	6,062,164	775,777	51,976	38,251	37,060	6,965,228	421	6,965,649
1998	6,196,098	797,392	52,320	39,309	38,448	7,123,566	381	7,123,947
1999	6,343,668	823,903	51,756	40,366	39,369	7,299,066	330	7,299,395
2000	6,479,075	834,623	50,920	41,753	39,563	7,445,933	330	7,446,354
2001	6,572,715	850,023	50,813	42,572	40,571	7,556,693	340	7,557,033
2002	6,730,759	873,702	51,056	44,678	42,031	7,742,225	354	7,742,579
2003	6,849,836	891,217	50,998	45,388	43,575	7,881,014	361	7,881,375
2004	6,966,628	909,069	50,924	46,105	45,204	8,017,930	371	8,018,302
2005	7,081,698	927,142	50,847	46,824	46,930	8,153,441	382	8,153,823
2006	7,198,394	945,397	50,775	47,540	48,749	8,290,855	392	8,291,247
2007	7,314,019	963,715	50,706	48,236	50,670	8,427,346	403	8,427,749
2008	7,428,825	981,914	50,653	48,918	52,695	8,563,005	414	8,563,419
2009	7,544,241	1,000,243	50,628	49,589	54,787	8,699,487	424	8,699,911
AGR	1.7%	2.0%	-0.2%	2.1%	3.4%	1.8%	2.6%	1.8%

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.

AGR - Compound annual growth rate for the period from 1999 to 2009

If not provided by the utility, PUC staff estimated data as needed.

**Table 11: Total ERCOT -
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Interruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	44,542	1,852	48	42,642	55,377	12,735	29.9%
1995	47,183	1,999	49	45,135	55,427	10,292	22.8%
1996	48,564	2,270	40	46,254	55,885	9,631	20.8%
1997	50,555	2,893	9	47,653	56,435	8,782	18.4%
1998	53,519	2,926	20	50,573	56,628	6,055	12.0%
1999	54,742	3,125	43	51,556	57,708	6,152	11.9%
2000	54,769	3,191	201	51,360	60,217	8,857	17.2%
2001	55,487	3,110	244	52,115	61,708	9,594	18.4%
2002	57,140	3,152	227	53,744	63,584	9,841	18.3%
2003	58,666	3,196	327	55,126	64,673	9,548	17.3%
2004	60,212	3,240	432	56,522	66,626	10,104	17.9%
2005	61,665	3,285	521	57,840	67,896	10,056	17.4%
2006	63,203	3,334	619	59,232	69,557	10,325	17.4%
2007	64,717	3,380	732	60,587	71,274	10,687	17.6%
2008	66,286	3,430	824	62,015	72,720	10,705	17.3%
2009	67,874	3,480	918	63,458	74,259	10,800	17.0%
AGR	2.2%	1.1%	35.9%	2.1%	2.6%	5.8%	3.6%

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
 AGR - Compound annual growth rate for the period from 1999 to 2009
 If not provided by the utility, PUC staff estimated data as needed.

**Table 12: Total ERCOT -
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Natural		Lignite	Nuclear	Other	Purchases		Un- specified	Off- System Sales	Net System Capacity
	Gas/Oil	Coal				Utilities	NonUtilities			
1994	32,755	6,416	8,655	4,800	327	1,283	2,477	-	1,283	55,377
1995	33,097	6,507	8,655	4,800	354	1,602	2,067	-	1,602	55,427
1996	33,398	6,507	8,635	4,800	354	1,886	2,085	-	1,886	55,885
1997	33,391	7,230	7,956	4,800	355	1,536	2,687	-	1,536	56,435
1998	33,221	7,293	8,037	4,800	359	1,485	2,898	-	1,485	56,628
1999	33,365	7,317	8,049	4,806	366	1,774	3,574	-	1,774	57,708
2000	33,862	7,499	7,953	4,806	370	1,131	5,117	599	1,131	60,217
2001	34,267	7,499	8,007	4,806	396	963	4,889	1,816	963	61,708
2002	34,267	7,499	8,007	4,806	401	750	3,057	5,496	750	63,584
2003	33,941	7,499	8,007	4,806	403	636	2,440	7,462	636	64,673
2004	34,635	7,499	8,007	4,806	461	638	1,232	9,851	638	66,626
2005	34,471	7,499	8,007	4,806	462	641	671	11,828	641	67,896
2006	33,424	7,499	8,007	4,806	462	606	456	14,730	606	69,557
2007	31,483	7,499	8,007	4,806	462	610	465	18,360	610	71,274
2008	30,493	7,500	8,007	4,806	462	614	475	20,771	614	72,720
2009	29,244	7,500	8,007	4,806	462	631	484	23,523	631	74,259
AGR	-1.3%	0.2%	-0.1%	0.0%	2.3%	-9.8%	-18.1%		-9.8%	2.6%

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.

AGR - Compound annual growth rate for the period from 1999 to 2009

If not provided by the utility, PUC staff estimated data as needed.

**Table 13: Total ERCOT -
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter- ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	66,846	53,343	64,442	7,389	192,020	25,583	5,094	222,697
1995	68,943	54,841	64,572	7,493	195,849	26,257	4,168	226,275
1996	73,715	56,601	68,765	7,910	206,990	29,595	4,154	240,739
1997	74,692	58,712	72,274	7,987	213,665	30,456	4,376	248,497
1998	81,306	62,350	73,801	8,636	226,092	30,814	5,116	262,023
1999	79,678	63,557	73,019	8,615	224,869	30,412	5,413	260,693
2000	80,957	64,783	71,402	8,870	226,012	31,212	5,893	263,117
2001	82,932	65,960	72,140	9,066	230,099	31,453	5,727	267,279
2002	86,401	68,230	73,889	9,462	237,982	30,481	5,813	274,276
2003	88,600	69,866	75,251	9,631	243,347	31,134	5,900	280,382
2004	90,941	71,560	76,930	9,812	249,244	32,306	5,988	287,538
2005	93,205	73,232	78,632	9,980	255,049	32,908	6,077	294,034
2006	95,512	74,904	80,435	10,141	260,992	34,044	6,168	301,205
2007	97,519	76,485	81,695	10,276	265,975	35,258	6,261	307,493
2008	99,611	78,076	84,240	10,410	272,337	36,518	6,354	315,209
2009	101,837	79,721	86,257	10,555	278,369	37,827	6,450	322,646
AGR	2.5%	2.3%	1.7%	2.1%	2.2%	2.2%	1.8%	2.2%

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.

AGR - Compound annual growth rate for the period from 1999 to 2009

If not provided by the utility, PUC staff estimated data as needed.

**Table 14: Total ERCOT -
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural Gas/Oil	Coal	Lignite	Nuclear	Hydro	Other	Net Utility Generation	Net Energy Purchases	Total
1994	77,896	42,323	53,617	28,748	630	0	203,214	31,722	234,937
1995	77,647	41,946	53,324	36,124	724	1	209,766	30,354	240,119
1996	80,234	43,436	58,684	35,731	480	9	218,574	36,756	255,330
1997	81,125	45,080	57,026	37,306	944	9	221,491	43,392	264,882
1998	96,030	45,779	56,024	38,636	661	9	237,139	42,444	279,583
1999	91,684	48,973	56,555	36,738	442	7	234,399	43,459	277,858
2000	83,172	57,657	51,739	36,576	579	107	229,829	49,652	279,481
2001	78,506	58,938	49,802	36,394	579	110	224,328	59,005	283,333
2002	74,720	60,228	48,590	36,201	579	110	220,428	71,443	291,871
2003	70,681	61,923	47,370	36,358	578	110	217,021	81,403	298,424
2004	69,819	62,152	46,289	35,940	579	111	214,890	91,187	306,077
2005	67,664	63,474	45,090	36,179	577	110	213,095	99,307	312,402
2006	65,491	64,458	44,137	35,941	578	110	210,715	109,857	320,573
2007	64,660	65,400	43,023	35,462	576	110	209,231	117,932	327,163
2008	63,934	66,251	42,125	35,923	578	111	208,923	126,214	335,137
2009	59,559	71,042	41,164	36,173	576	110	208,624	134,227	342,852
AGR	-4.2%	3.8%	-3.1%	-0.2%	2.7%	32.7%	-1.2%	11.9%	2.1%

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.

AGR - Compound annual growth rate for the period from 1999 to 2009

If not provided by the utility, PUC staff estimated data as needed.

Since most of the Net Energy Purchases from 2000 to 2009 will be generated from natural gas the percent of total generation provided by natural gas will increase by about 4% each year

**Table 15: Total ERCOT -
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	4,884,688	608,456	40,223	30,631	29,724	5,593,722	328	5,594,050
1995	4,970,827	617,318	39,641	31,123	31,641	5,690,550	281	5,690,831
1996	5,081,583	632,244	38,574	31,763	33,746	5,817,910	280	5,818,190
1997	5,185,949	653,468	36,857	32,873	35,407	5,944,554	252	5,944,806
1998	5,304,817	672,289	36,487	33,753	36,750	6,084,096	197	6,084,293
1999	5,438,355	696,643	35,696	34,784	37,648	6,243,130	134	6,243,263
2000	5,563,747	705,843	34,870	35,475	38,324	6,378,260	136	6,378,396
2001	5,644,581	718,900	34,688	36,188	39,317	6,473,674	135	6,473,809
2002	5,789,955	740,394	34,866	38,180	40,763	6,644,157	139	6,644,296
2003	5,896,430	755,707	34,748	38,773	42,294	6,767,953	134	6,768,087
2004	6,000,551	771,301	34,600	39,373	43,908	6,889,733	134	6,889,867
2005	6,102,344	787,080	34,460	39,972	45,619	7,009,475	134	7,009,609
2006	6,205,554	803,025	34,324	40,566	47,423	7,130,892	133	7,131,025
2007	6,307,597	819,006	34,189	41,138	49,330	7,251,260	133	7,251,393
2008	6,408,618	834,861	34,065	41,696	51,338	7,370,578	133	7,370,711
2009	6,509,891	850,811	33,971	42,239	53,415	7,490,327	133	7,490,460
AGR	1.8%	2.0%	-0.5%	2.0%	3.6%	1.8%	0.0%	1.8%

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.

AGR - Compound annual growth rate for the period from 1999 to 2009

If not provided by the utility, PUC staff estimated data as needed.

**Table 16: Austin Electric
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	1,611	-	37	1,574	2,395	821	52.2%
1995	1,766	-	37	1,729	2,395	666	38.5%
1996	1,816	-	35	1,781	2,420	639	35.9%
1997	1,870	-	-	1,870	2,420	550	29.4%
1998	2,071	-	-	2,071	2,420	349	16.9%
1999	2,152	-	20	2,132	2,557	425	19.9%
2000	2,242	-	36	2,206	2,577	371	16.8%
2001	2,365	-	66	2,299	2,683	384	16.7%

**Table 17: Austin Electric
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Natural Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	1,450	570	-	400	-	-	-	-	25	2,395
1995	1,450	570	-	400	-	-	-	-	25	2,395
1996	1,450	570	-	400	-	-	-	-	25	2,420
1997	1,450	570	-	400	-	-	-	-	-	2,420
1998	1,450	570	-	400	-	-	-	-	-	2,420
1999	1,518	580	-	406	3	-	50	-	-	2,557
2000	1,536	580	-	406	5	-	50	-	-	2,577
2001	1,616	580	-	406	31	-	-	-	-	2,683

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 18: Austin Energy
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter- ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	2,729	3,673	876	201	7,479	181	-	7,660
1995	2,801	3,619	1,050	208	7,679	199	-	7,878
1996	3,063	3,760	1,210	227	8,259	205	-	8,465
1997	3,096	3,887	1,340	215	8,539	-	-	8,539
1998	3,360	4,101	1,520	234	9,215	-	-	9,215
1999	3,415	4,325	1,670	232	9,641	-	-	9,641
2000	3,508	4,417	1,990	207	10,122	-	-	10,122
2001	3,674	4,567	2,243	209	10,693	-	-	10,693

**Table 19: Austin Energy
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural Gas/Oil	Coal	Lignite	Nuclear	Hydro	Other	Net Energy Purchases	Total
1995	2,011	3,288	-	3,051	-	0	(166)	8,185
1996	2,625	3,838	-	3,287	-	0	(936)	8,815
1997	2,558	3,175	-	3,148	-	0	147	9,028
1998	3,358	3,277	-	3,313	-	0	(104)	9,845
1999	2,911	4,150	-	3,088	-	0	(49)	10,101
2000	2,943	4,606	-	3,145	-	1	73	10,769
2001	3,323	4,583	-	3,161	-	5	301	11,373

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 20: Austin Energy
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	259,709	31,522	15		10,059	301,305	1	301,306
1995	266,645	31,780	17		11,062	309,504	1	309,505
1996	276,349	30,596	19		12,388	319,352	1	319,353
1997	285,794	34,174	17		13,506	333,491	-	333,491
1998	295,097	35,573	27		14,119	344,816	-	344,816
1999	301,057	36,334	31		14,582	352,004	-	352,004
2000	313,220	38,170	39		15,156	366,585	-	366,585
2001	324,967	40,148	48		15,753	380,916	-	380,916

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 21: Brazos Electric Power Cooperative
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	944	-	1	993	1,126	133	13.3%
1995	1,129	-	2	1,127	1,202	75	6.6%
1996	1,203	-	3	1,200	1,276	76	6.3%
1997	1,219	-	3	1,216	1,402	186	15.3%
1998	1,405	-	3	1,402	1,445	43	3.0%
1999	1,603	45	3	1,555	1,654	99	6.3%
2000	1,684	47	3	1,634	1,880	246	15.0%
2001	1,762	-	3	1,759	2,023	264	15.0%

**Table 22: Brazos Electric Power Cooperative
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	687	-	-	-	-	439	-	-	-	1,126
1995	687	-	-	-	-	475	40	-	-	1,202
1996	687	-	-	-	-	589	-	-	-	1,276
1997	687	-	-	-	-	457	258	-	-	1,402
1998	687	-	-	-	-	300	458	-	-	1,445
1999	687	-	-	-	-	609	358	-	-	1,654
2000	687	-	-	-	-	359	834	-	-	1,880
2001	687	-	-	-	-	359	978	-	-	2,023

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 23: Brazos Electric Cooperative
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail					Wholesale	Inter-ruptible	Total Sales
	Residential	Commercial	Industrial	Other	Total			
1994	-	-	-	-	-	4,187	-	4,187
1995	-	-	-	-	-	4,417	-	4,417
1996	-	-	-	-	-	4,874	-	4,874
1997	-	-	-	-	-	5,076	-	5,076
1998	-	-	-	-	-	5,721	-	5,721
1999	-	-	-	-	-	6,506	-	6,506
2000	-	-	-	-	-	7,121	-	7,121
2001	-	-	-	-	-	7,464	-	7,464

**Table 24: Brazos Electric Cooperative
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural	Coal	Lignite	Nuclear	Hydro	Other	Net	Total
	Gas/Oil						Energy Purchases	
1994	1,759	-	-	-	-	-	2,602	4,360
1995	2,045	-	-	-	-	-	2,584	4,629
1996	1,958	-	-	-	-	-	3,097	5,054
1997	1,448	-	-	-	-	-	3,844	5,293
1998	1,931	-	-	-	-	-	4,078	6,010
1999	1,792	-	-	-	-	-	5,007	6,799
2000	1,700	-	-	-	-	-	5,718	7,418
2001	1,700	-	-	-	-	-	6,075	7,775

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 25: Brazos Electric Cooperative
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail						Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other	Total		
1994	-	-	-	-	-	-	27	27
1995	-	-	-	-	-	-	27	27
1996	-	-	-	-	-	-	27	27
1997	-	-	-	-	-	-	25	25
1998	-	-	-	-	-	-	22	22
1999	-	-	-	-	-	-	22	22
2000	-	-	-	-	-	-	22	22
2001	-	-	-	-	-	-	22	22

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 26: Central Power & Light
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	3,732	318	-	3,414	4,360	946	27.7%
1995	3,862	361	-	3,501	4,441	940	26.8%
1996	4,047	356	2	3,689	4,488	799	21.7%
1997	4,232	388	3	3,841	4,659	818	21.3%
1998	4,537	408	11	4,118	4,514	396	9.6%
1999	4,454	407	10	4,037	4,773	736	18.2%
2000	4,385	229	20	4,136	4,756	620	15.0%
2001	4,499	236	6	4,257	4,895	638	15.0%

**Table 27: Central Power & Light
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	3,117	657	-	630	-	-	-	-	50	4,360
1995	3,161	684	-	630	-	10	-	-	50	4,441
1996	3,155	684	-	630	-	63	-	-	50	4,488
1997	3,155	684	-	630	-	63	-	-	(121)	4,659
1998	3,116	684	-	630	-	53	25	-	-	4,514
1999	3,188	686	-	630	-	108	155	-	-	4,773
2000	3,188	686	-	630	-	53	193	-	-	4,756
2001	3,188	686	-	630	-	-	204	181	-	4,895

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 28: Central Power & Light
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter-ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	5,954	4,523	6,910	457	17,845	756	-	18,601
1995	6,223	4,656	7,250	465	18,594	816	-	19,410
1996	6,679	4,773	7,610	498	19,561	876	-	20,437
1997	6,771	4,846	7,999	487	20,102	862	-	20,964
1998	7,167	5,122	8,350	553	21,192	993	-	22,185
1999	7,248	5,256	8,219	581	21,304	1,059	-	22,363
2000	7,665	5,365	7,064	581	20,674	1,139	-	21,813
2001	7,933	5,540	7,108	590	21,171	865	-	22,036

**Table 29: Central Power & Light
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural	Coal	Lignite	Nuclear	Hydro	Other	Net	Total
	Gas/Oil						Energy Purchases	
1994	10,229	4,424	-	3,589	57	-	1,823	20,122
1995	11,438	4,328	-	4,845	65	-	373	21,049
1996	9,894	5,129	-	5,216	56	-	1,150	21,445
1997	11,669	4,203	-	5,002	54	-	2,092	23,020
1998	12,653	5,046	-	5,253	46	-	1,017	24,015
1999	12,119	5,101	-	4,900	47	-	1,971	24,137
2000	10,691	5,108	-	4,628	53	-	3,101	23,581
2001	11,153	4,475	-	4,455	53	-	3,727	23,863

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 30: Central Power & Light
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	507,679	75,555	5,979		3,546	592,759	5	592,764
1995	519,253	77,046	5,795		3,535	605,629	5	605,634
1996	529,143	78,035	5,741		3,844	616,763	5	616,768
1997	538,723	79,675	5,639		3,881	627,918	5	627,923
1998	550,016	82,020	5,523		4,463	642,022	5	642,027
1999	563,217	88,184	5,335		4,369	661,105	5	661,110
2000	576,588	89,064	4,981		4,457	675,090	5	675,095
2001	586,509	93,008	4,983		4,535	689,035	5	689,040

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 31: City Public Service of San Antonio
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	3,052	7	-	3,045	4,436	1,391	45.7%
1995	3,249	11	-	3,238	4,515	1,277	39.4%
1996	3,356	13	-	3,343	4,515	1,172	35.1%
1997	3,448	14	-	3,434	4,515	1,081	31.5%
1998	3,684	24	-	3,660	4,515	855	23.4%
1999	3,729	26	-	3,703	4,515	812	21.9%
2000	3,855	26	-	3,829	4,994	1,165	30.4%
2001	3,973	26	-	3,947	4,994	1,047	26.5%

**Table 32: City Public Service of San Antonio
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	2,400	1,336	-	700	-	-	-	-	-	4,436
1995	2,430	1,385	-	700	-	-	-	-	-	4,515
1996	2,430	1,385	-	700	-	-	-	-	-	4,515
1997	2,430	1,385	-	700	-	-	-	-	-	4,515
1998	2,430	1,385	-	700	-	-	-	-	-	4,515
1999	2,430	1,385	-	700	-	-	-	-	-	4,515
2000	2,909	1,385	-	700	-	-	-	-	-	4,994
2001	2,909	1,385	-	700	-	-	-	-	-	4,994

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 33: City Public Service
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter-ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	5,277	2,446	5,097	108	12,928	234	67	13,229
1995	5,567	2,540	5,288	112	13,507	259	75	13,841
1996	6,070	2,658	5,607	114	14,450	290	18	14,758
1997	6,050	2,691	5,748	118	14,606	290	-	14,896
1998	6,528	2,843	6,039	121	15,532	319	-	15,851
1999	6,539	2,909	6,136	123	15,707	325	-	16,032
2000	6,800	3,052	6,409	127	16,387	348	-	16,735
2001	7,005	3,202	6,619	129	16,955	367	-	17,323

**Table 34: City Public Service
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural	Coal	Lignite	Nuclear	Hydro	Other	Net	Total
	Gas/Oil						Energy Purchases	
1994	2,397	7,636	-	3,926	-	-	54	14,013
1995	1,942	7,277	-	5,339	-	-	132	14,690
1996	1,768	8,104	-	5,753	-	-	(388)	15,237
1997	2,372	7,808	-	5,508	-	-	(235)	15,452
1998	3,396	8,105	-	5,799	-	-	(587)	16,712
1999	3,365	8,608	-	5,404	-	-	(500)	16,877
2000	3,609	9,126	-	4,965	-	-	-	17,700
2001	4,169	9,175	-	4,978	-	-	-	18,321

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 35: City Public Service
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	439,668	49,752	1,625	1,200	8,712	500,957	5	500,962
1995	450,455	50,631	1,661	1,221	8,935	512,903	5	512,908
1996	460,882	51,598	1,759	1,242	9,110	524,591	5	524,596
1997	470,322	51,873	1,836	1,816	9,265	535,112	5	535,117
1998	479,308	52,897	1,923	2,004	9,460	545,592	5	545,597
1999	489,191	53,978	1,982	2,103	9,684	556,938	5	556,943
2000	498,733	55,031	2,021	2,144	9,873	567,802	6	567,808
2001	508,135	56,068	2,059	2,184	10,059	578,505	6	578,511

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 36: Entergy Gulf States (Total System)
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	5,519	383	-	5,136	6,820	1,684	32.8%
1995	6,024	383	-	5,641	6,831	1,190	21.1%
1996	6,140	383	-	5,757	6,981	1,224	21.3%
1997	6,479	383	-	6,096	7,037	941	15.4%
1998	6,582	383	-	6,199	7,123	924	14.9%
1999	6,407	238	-	6,169	6,754	585	9.5%
2000	6,006	252	-	5,754	6,808	1,054	18.3%
2001	6,168	252	-	5,916	6,444	528	8.9%

**Table 37: Entergy Gulf States (Total System)
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	5,280	612	-	655	-	66	207	-	-	6,820
1995	5,291	612	-	655	-	66	207	-	-	6,831
1996	5,291	612	-	655	-	240	207	-	24	6,981
1997	5,291	627	-	655	-	341	207	-	84	7,037
1998	5,291	627	-	655	-	343	207	-	-	7,123
1999	5,126	627	-	655	-	139	207	-	-	6,754
2000	5,035	627	-	655	-	129	548	11	196	6,808
2001	5,035	627	-	655	-	46	207	99	225	6,444

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected. If not provided by the utility, PUC staff estimated the data as needed.

**Table 38: Entergy Gulf States (Total System)
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter-ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	7,351	6,089	15,026	298	28,764	3,512	-	32,276
1995	7,699	6,219	15,393	311	29,622	5,147	-	34,769
1996	8,035	6,417	16,661	438	31,551	2,803	-	34,355
1997	8,178	6,575	18,038	481	33,272	1,917	-	35,189
1998	8,903	6,975	18,158	560	34,597	4,081	-	38,677
1999	8,929	7,310	17,684	425	34,348	4,085	-	38,433
2000	9,135	7,058	18,375	561	35,128	227	-	35,356
2001	9,434	7,156	18,312	563	35,466	172	-	35,638

**Table 39: Entergy Gulf States (Total System)
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural	Coal	Lignite	Nuclear	Hydro	Other	Net	Total
	Gas/Oil						Energy Purchases	
1994	18,547	4,184	-	3,378	-	-	7,885	33,995
1995	20,547	4,068	-	5,551	-	-	6,819	36,984
1996	16,785	3,136	-	4,785	-	-	12,014	36,720
1997	16,112	3,907	-	4,760	-	-	12,398	37,178
1998	18,006	3,940	-	5,478	-	-	11,903	39,327
1999	19,260	4,359	-	5,672	-	-	10,798	40,089
2000	17,965	4,014	-	5,020	-	-	10,641	37,640
2001	19,304	4,049	-	4,995	-	-	9,610	37,959

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 40: Entergy Gulf States (Total System)
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	525,098	66,552	7,520	1,937	974	602,081	36	602,117
1995	531,863	66,712	6,413	1,970	646	607,604	32	607,636
1996	547,614	68,429	7,382	2,153	673	626,251	30	626,281
1997	555,987	69,354	7,795	2,332	687	636,155	27	636,182
1998	567,513	70,923	8,304	2,498	696	649,934	25	649,959
1999	579,099	73,039	8,746	2,451	713	664,048	24	664,072
2000	582,194	73,143	8,468	3,271	-	667,075		667,075
2001	588,699	73,870	8,464	3,315	-	674,348		674,348

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 41: Entergy Gulf States (Texas System)
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	3,201	192	-	3,009	3,996	987	32.8%
1995	2,776	192	-	2,584	3,129	545	21.1%
1996	2,764	192	-	2,572	3,119	547	21.3%
1997	2,928	192	-	2,736	3,158	422	15.4%
1998	3,221	192	-	3,029	3,480	451	14.9%
1999	3,205	175	-	3,030	3,317	287	9.5%
2000	2,735	214	-	2,521	2,983	462	18.3%
2001	2,805	214	-	2,591	2,823	231	8.9%

**Table 42: Entergy Gulf States (Texas System)
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	3,093	359	-	384	-	39	121	-	-	3,996
1995	2,424	280	-	300	-	30	95	-	-	3,129
1996	2,364	273	-	293	-	107	92	-	11	3,119
1997	2,375	281	-	294	-	153	93	-	38	3,158
1998	2,585	306	-	320	-	168	101	-	-	3,480
1999	2,518	308	-	322	-	68	102	-	-	3,317
2000	2,206	275	-	287	-	56	240	5	86	2,983
2001	2,205	275	-	287	-	20	91	43	98	2,823

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 43: Entergy Gulf States (Texas System)
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter-ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	3,729	2,651	6,260	153	12,794	1,537	-	14,331
1995	3,881	2,687	6,486	166	13,220	2,501	-	15,721
1996	4,125	2,755	6,736	288	13,904	1,578	-	15,482
1997	4,215	2,807	7,105	318	14,445	1,064	-	15,509
1998	4,588	3,010	7,244	334	15,178	1,243	-	16,420
1999	4,603	3,230	6,773	226	14,833	1,405	-	16,237
2000	4,916	3,046	7,397	336	15,693	159	-	15,853
2001	5,146	3,088	7,032	336	15,601	106	-	15,707

**Table 44: Entergy Gulf States (Texas System)
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural						Net Energy Purchases	Total
	Gas/Oil	Coal	Lignite	Nuclear	Hydro	Other		
1994	8,235	1,858	-	1,500	-	-	3,501	15,094
1995	9,290	1,839	-	2,510	-	-	3,083	16,723
1996	7,564	1,413	-	2,157	-	-	5,414	16,549
1997	7,102	1,722	-	2,098	-	-	5,464	16,386
1998	7,644	1,673	-	2,326	-	-	5,053	16,696
1999	8,137	1,842	-	2,396	-	-	4,562	16,937
2000	8,055	1,800	-	2,251	-	-	4,771	16,877
2001	8,508	1,785	-	2,201	-	-	4,236	16,730

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 45: Entergy Gulf States (Texas System)
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	266,765	30,949	4,169	989	683	303,555	18	303,573
1995	273,020	31,243	3,407	1,024	468	309,162	17	309,179
1996	278,494	31,583	3,958	1,170	488	315,693	16	315,709
1997	283,472	31,834	4,283	1,329	495	321,413	14	321,427
1998	290,195	32,569	4,712	1,419	504	329,399	13	329,412
1999	297,383	33,713	4,986	1,354	512	337,948	13	337,961
2000	299,932	33,602	4,815	1,979	-	340,329	-	340,329
2001	304,494	33,911	4,752	2,002	-	345,159	-	345,159

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 46: El Paso Electric (Total System)
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	1,083	33	11	1,039	1,411	372	35.8%
1995	1,088	39	13	1,036	1,289	253	24.4%
1996	1,105	51	15	1,039	1,386	347	33.4%
1997	1,109	50	16	1,043	1,448	405	38.8%
1998	1,159	71	16	1,072	1,187	115	10.7%
1999	1,160	42	16	1,102	1,271	169	15.3%
2000	1,207	56	21	1,130	1,428	298	26.3%
2001	1,239	57	22	1,159	1,450	291	25.1%

**Table 47: El Paso Electric (Total System)
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	757	104	-	600	-	225	-	-	275	1,411
1995	757	52	-	600	-	155	-	-	275	1,289
1996	757	104	-	600	-	200	-	-	275	1,386
1997	790	104	-	589	-	290	-	-	325	1,448
1998	768	104	-	589	-	75	-	-	349	1,187
1999	784	104	-	588	-	95	-	-	300	1,271
2000	784	104	-	587	-	150	-	-	197	1,428
2001	795	104	-	587	-	160	1	-	197	1,450

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 48: El Paso Electric (Total System)
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter-ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	1,497	1,715	873	1,052	5,138	28	243	5,409
1995	1,473	1,751	869	1,042	5,135	30	276	5,440
1996	1,545	1,782	904	1,089	5,320	34	330	5,684
1997	1,586	1,835	931	1,048	5,401	28	381	5,809
1998	1,623	1,889	935	1,072	5,520	29	431	5,980
1999	1,646	1,935	884	1,081	5,545	31	306	5,883
2000	1,679	1,983	971	1,129	5,762	31	242	6,035
2001	1,720	2,035	995	1,148	5,897	32	245	6,174

**Table 49: El Paso Electric (Total System)
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural Gas/Oil	Coal	Lignite	Nuclear	Hydro	Other	Net Energy Purchases	Total
1995	2,466	709	-	4,265	-	-	(1,425)	6,015
1996	2,758	602	-	4,561	-	-	(1,629)	6,292
1997	3,003	514	-	4,670	-	-	(1,740)	6,446
1998	3,161	651	-	4,775	-	-	(2,277)	6,310
1999	2,886	764	-	4,819	-	-	(2,041)	6,429
2000	2,210	705	-	4,636	-	-	(958)	6,593
2001	2,281	772	-	4,626	-	-	(937)	6,743

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 50: El Paso Electric (Total System)
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	237,671	23,621	78	3,438		264,808	2	264,810
1995	243,228	24,294	85	3,581		271,188	2	271,190
1996	247,703	24,991	97	3,670		276,461	2	276,463
1997	252,604	25,638	109	3,773		282,124	2	282,126
1998	257,742	26,208	116	3,845		287,911	2	287,913
1999	263,866	26,900	120	3,925		294,811	2	294,813
2000	268,794	27,423	71	4,001		300,288	2	300,290
2001	273,743	28,064	75	4,094		305,976	2	305,978

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 51: El Paso Electric (Texas System)
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	860	33	11	816	1,108	292	35.8%
1995	864	39	13	812	1,010	198	24.4%
1996	867	51	15	801	1,069	268	33.4%
1997	877	50	16	811	1,126	315	38.8%
1998	929	71	16	842	932	90	10.7%
1999	905	42	16	847	977	130	15.3%
2000	968	56	21	891	1,126	235	26.3%
2001	994	57	22	914	1,143	229	25.1%

**Table 52: El Paso Electric (Texas System)
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	595	82	-	471	-	177	-	-	216	1,108
1995	593	41	-	470	-	121	-	-	216	1,010
1996	584	80	-	463	-	154	-	-	212	1,069
1997	614	81	-	458	-	225	-	-	253	1,126
1998	603	82	-	463	-	59	-	-	274	932
1999	603	80	-	452	-	73	-	-	231	977
2000	618	82	-	463	-	118	-	-	155	1,126
2001	627	82	-	463	-	126	1	-	155	1,143

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 53: El Paso Electric (Texas System)
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter-ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	1,141	1,408	827	669	4,046	28	243	4,317
1995	1,117	1,438	819	670	4,043	30	276	4,349
1996	1,168	1,457	844	704	4,173	34	330	4,537
1997	1,197	1,499	873	687	4,256	28	381	4,665
1998	1,223	1,531	887	713	4,354	29	431	4,814
1999	1,238	1,564	860	726	4,388	31	305	4,724
2000	1,264	1,607	936	746	4,554	31	242	4,827
2001	1,295	1,648	959	763	4,665	32	245	4,941

**Table 54: El Paso Electric (Texas System)
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural Gas/Oil	Coal	Lignite	Nuclear	Hydro	Other	Net Energy Purchases	Total
1995	1,971	567	-	3,409	-	-	(1,139)	4,808
1996	2,201	480	-	3,641	-	-	(1,300)	5,022
1997	2,411	413	-	3,750	-	-	(1,397)	5,176
1998	2,544	524	-	3,844	-	-	(1,833)	5,079
1999	2,317	614	-	3,870	-	-	(1,639)	5,162
2000	1,768	563	-	3,708	-	-	(766)	5,273
2001	1,826	618	-	3,702	-	-	(750)	5,396

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 55: El Paso Electric (Texas System)
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	184,870	17,485	74	2,553		204,982	2	204,984
1995	188,689	17,974	81	2,664		209,408	2	209,410
1996	191,522	18,481	92	2,707		212,802	2	212,804
1997	194,981	19,013	103	2,776		216,873	2	216,875
1998	198,720	19,431	110	2,841		221,102	2	221,104
1999	203,014	19,870	114	2,910		225,908	2	225,910
2000	206,291	20,289	67	2,960		229,607	2	229,609
2001	209,795	20,777	71	3,023		233,665	2	233,667

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 56: Lower Colorado River Authority
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	1,900	74	-	1,826	2,325	499	27.3%
1995	2,078	87	-	1,991	2,437	446	22.4%
1996	2,227	98	-	2,129	2,601	472	22.2%
1997	2,257	56	-	2,201	2,481	280	12.7%
1998	2,335	109	-	2,226	2,451	225	10.1%
1999	2,454	138	-	2,316	2,707	391	16.9%
2000	2,513	138	-	2,375	2,732	357	15.0%
2001	2,614	138	-	2,476	2,848	372	15.0%

**Table 57: Lower Colorado River Authority
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	1,020	1,000	-	-	-	150	-	-	-	2,325
1995	1,040	1,015	-	-	-	200	-	-	-	2,437
1996	1,040	1,015	-	-	-	200	5	-	-	2,601
1997	1,040	1,015	-	-	-	-	149	-	-	2,481
1998	1,040	1,024	-	-	-	-	114	-	-	2,451
1999	1,040	1,024	-	-	-	-	187	-	4	2,707
2000	1,043	1,034	-	-	-	-	-	-	-	2,732
2001	1,043	1,034	-	-	-	-	-	-	-	2,848

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 58: Lower Colorado River Authority
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter-ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	0.08	0.84	173	-	174	8,451	-	8,625
1995	0.04	0.92	176	-	177	8,859	-	9,036
1996	0.03	0.89	108	-	109	9,849	-	9,957
1997	0.02	0.95	83	-	84	10,050	-	10,134
1998	-	0.98	78	-	79	10,691	-	10,770
1999	-	-	67	-	67	10,821	-	10,887
2000	-	-	67	-	67	11,254	-	11,321
2001	-	-	68	-	68	11,704	-	11,772

**Table 59: Lower Colorado River Authority
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural Gas/Oil	Coal	Lignite	Nuclear	Hydro	Other	Net Energy Purchases	Total
1995	1,638	7,273	-	-	338	-	(550)	8,698
1996	3,530	6,930	-	-	278	-	(275)	10,464
1997	3,117	6,791	-	-	591	-	363	10,862
1998	3,661	6,135	-	-	389	-	888	11,074
1999	3,295	7,573	-	-	196	-	282	11,346
2000	3,427	7,573	-	-	355	-	435	11,789
2001	3,564	7,573	-	-	355	-	774	12,265

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 60: Lower Colorado River Authority
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	4	9	12	-	-	25	44	69
1995	4	9	12	-	-	25	44	69
1996	3	8	10	-	-	21	44	65
1997	3	8	10	-	-	21	44	65
1998	3	8	10	-	-	21	44	65
1999	-	-	-	-	-	4	45	49
2000	-	-	-	-	3	3	45	48
2001	-	-	-	-	1	1	45	46

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 61: Reliant Energy HL&P
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	12,009	883	-	11,126	14,386	3,260	29.3%
1995	12,377	925	-	11,452	14,366	2,914	25.4%
1996	12,667	973	-	11,694	14,405	2,711	23.2%
1997	13,459	1,213	-	12,246	14,405	2,159	17.6%
1998	14,272	1,266	-	13,006	14,360	1,354	10.4%
1999	14,643	1,427	-	13,216	14,372	1,156	8.7%
2000	14,179	1,547	47	12,585	14,537	1,952	15.5%
2001	13,634	1,502	47	12,085	14,537	2,452	20.3%

**Table 62: Reliant Energy HL&P
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	9,041	2,415	1,440	770	-	-	720	-	-	14,386
1995	9,296	2,415	1,440	770	-	-	445	-	-	14,366
1996	9,335	2,415	1,440	770	-	-	445	-	-	14,405
1997	9,335	2,415	1,440	770	-	-	445	-	-	14,405
1998	9,335	2,415	1,520	770	-	-	320	-	-	14,360
1999	9,335	2,415	1,532	770	-	-	320	-	-	14,372
2000	9,323	2,592	1,532	770	-	-	320	-	-	14,537
2001	9,323	2,592	1,532	770	-	-	320	-	-	14,537

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 63: Reliant HL&P
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter- ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	17,195	13,631	24,478	117	55,421	167	5,028	60,616
1995	18,103	14,233	23,667	117	56,121	170	4,093	60,384
1996	19,048	14,641	25,247	119	59,056	205	4,038	63,299
1997	19,366	15,475	25,820	128	60,789	191	4,278	65,258
1998	21,090	16,329	26,606	134	64,160	204	5,029	69,392
1999	21,109	16,672	26,184	138	64,104	225	5,310	69,639
2000	20,711	16,424	26,390	130	63,655	186	5,730	69,570
2001	20,705	16,219	25,352	128	62,404	136	5,564	68,104

**Table 64: Reliant HL&P
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural	Coal	Lignite	Nuclear	Hydro	Other	Net	Total
	Gas/Oil						Energy Purchases	
1994	21,288	16,912	11,335	4,387	-	-	9,401	63,323
1995	20,284	17,092	10,208	5,921	-	-	9,762	63,266
1996	21,388	16,322	10,971	6,371	-	-	11,477	66,529
1997	21,242	16,721	11,960	6,113	-	-	12,265	68,302
1998	24,891	17,496	11,167	6,420	-	-	12,903	72,877
1999	26,110	17,525	10,863	5,988	-	-	12,281	72,767
2000	25,931	17,247	11,330	6,119	-	-	11,799	72,427
2001	23,853	17,423	11,120	6,100	-	-	11,823	70,319

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 65: Reliant HL&P
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	1,293,203	169,824	1,692	82	-	1,464,801	3	1,464,804
1995	1,315,715	173,649	1,680	82	-	1,491,126	3	1,491,129
1996	1,341,680	179,297	1,733	83	-	1,522,793	3	1,522,796
1997	1,368,421	187,844	1,671	84	-	1,558,020	2	1,558,022
1998	1,400,592	193,961	1,700	86	-	1,596,339	2	1,596,341
1999	1,443,188	200,517	1,761	87	-	1,645,553	2	1,645,555
2000	1,470,592	198,245	1,589	87	-	1,670,513	2	1,670,515
2001	1,465,754	197,668	1,449	85	-	1,664,956	1	1,664,957

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 66: Southwestern Public Service (Total System)
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	3,696	73	-	3,623	4,062	439	12.1%
1995	3,974	73	-	3,901	4,062	161	4.1%
1996	3,884	221	-	3,663	4,235	572	15.6%
1997	3,909	294	-	3,615	4,235	620	17.2%
1998	4,274	331	-	3,943	4,445	502	12.7%
1999	4,492	330	-	4,162	4,905	743	17.9%
2000	4,261	326	16	3,919	4,880	961	24.5%
2001	4,077	326	24	3,727	4,598	871	23.4%

**Table 67: Southwestern Public Service (Total System)
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	1,877	2,146	-	-	39	-	-	-	-	4,062
1995	1,877	2,146	-	-	39	-	-	-	-	4,062
1996	1,950	2,146	-	-	39	100	-	-	-	4,235
1997	1,950	2,146	-	-	39	100	-	-	-	4,235
1998	2,194	2,146	-	-	39	7	59	-	-	4,445
1999	2,169	2,146	-	-	39	-	526	-	-	4,905
2000	2,169	2,146	-	-	39	-	526	-	-	4,880
2001	2,169	2,146	-	-	39	-	244	-	-	4,598

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 68: Southwestern Public Service (Total System)
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter-ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	2,683	2,712	7,626	455	13,477	6,665	78	20,220
1995	2,754	2,867	7,684	482	13,787	6,533	80	20,400
1996	2,914	2,939	6,825	498	13,176	6,771	1,186	21,133
1997	2,971	2,972	6,319	500	12,763	7,005	1,859	21,627
1998	3,169	3,051	6,265	540	13,026	8,075	2,191	23,292
1999	2,972	3,617	5,105	530	12,225	8,581	2,210	23,016
2000	3,303	3,286	6,410	572	13,571	6,261	2,310	22,142
2001	3,428	3,344	6,613	589	13,975	4,336	2,383	20,694

**Table 69: Southwestern Public Service (Total System)
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural Gas/Oil	Coal	Lignite	Nuclear	Hydro	Other	Net Energy Purchases	Total
1995	6,279	14,455	-	-	-	310	(568)	20,477
1996	6,070	15,659	-	-	-	310	362	22,400
1997	6,000	14,940	-	-	-	308	(248)	21,000
1998	7,292	15,984	-	-	-	325	(734)	22,867
1999	6,319	15,655	-	-	-	326	218	22,518
2000	5,612	16,531	-	-	-	299	1,183	23,625
2001	4,054	16,402	-	-	-	312	1,679	22,446

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 70: Southwestern Public Service (Total System)
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	299,426	53,822	11,446	551	106	365,351	148	365,499
1995	308,082	56,479	12,078	600	139	377,378	182	377,560
1996	310,073	57,502	12,450	608	153	380,786	209	380,995
1997	308,439	57,298	12,549	631	154	379,071	246	379,317
1998	312,539	58,535	12,622	669	155	384,520	267	384,787
1999	313,477	58,945	12,672	689	156	385,939	288	386,227
2000	315,671	59,770	12,837	711	157	389,146	308	389,454
2001	317,881	60,547	13,004	733	157	392,322	327	392,649

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 71: Southwestern Public Service (Texas System)
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	2,741	63	-	2,678	3,002	324	12.1%
1995	2,964	63	-	2,901	3,021	120	4.1%
1996	2,897	192	-	2,705	3,127	422	15.6%
1997	2,941	192	-	2,749	3,220	471	17.2%
1998	3,233	280	-	2,953	3,329	376	12.7%
1999	3,197	280	-	2,917	3,420	503	17.3%
2000	2,972	262	11	2,699	3,361	662	24.5%
2001	2,826	262	16	2,548	3,143	595	23.4%

**Table 72: Southwestern Public Service (Texas System)
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	1,387	1,586	-	-	29	-	-	-	-	3,002
1995	1,396	1,596	-	-	29	-	-	-	-	3,021
1996	1,440	1,585	-	-	29	74	-	-	-	3,127
1997	1,483	1,632	-	-	30	76	-	-	-	3,220
1998	1,643	1,607	-	-	29	5	44	-	-	3,329
1999	1,520	1,504	-	-	27	-	369	-	-	3,420
2000	1,494	1,478	-	-	27	-	362	-	-	3,361
2001	1,483	1,467	-	-	27	-	167	-	-	3,143

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 73: Southwestern Public Service (Texas System)
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter-ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	1,912	2,013	6,026	396	10,346	3,710	78	14,134
1995	1,958	2,133	6,048	418	10,558	4,182	80	14,819
1996	2,087	2,204	6,237	434	10,962	4,048	80	15,091
1997	2,116	2,224	4,843	432	9,616	3,933	1,655	15,203
1998	2,275	2,276	4,824	477	9,852	4,622	1,871	16,346
1999	2,126	2,699	4,001	397	9,223	4,957	1,899	16,079
2000	2,368	2,303	5,201	411	10,282	3,397	1,959	15,639
2001	2,456	2,339	5,371	424	10,589	2,114	2,023	14,726

**Table 74: Southwestern Public Service (Texas System)
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural						Net Energy Purchases	Total
	Gas/Oil	Coal	Lignite	Nuclear	Hydro	Other		
1994	4,590	10,167	-	-	-	212	(1,016)	13,953
1995	4,561	10,501	-	-	-	225	(412)	14,875
1996	4,334	11,182	-	-	-	221	258	15,996
1997	4,218	10,502	-	-	-	216	(174)	14,763
1998	5,118	11,218	-	-	-	228	(515)	16,048
1999	4,414	10,936	-	-	-	228	152	15,731
2000	3,964	11,676	-	-	-	211	835	16,687
2001	2,885	11,672	-	-	-	222	1,195	15,973

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 75: Southwestern Public Service (Texas System)
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	208,416	38,680	6,958	379	82	254,515	55	254,570
1995	216,090	41,102	7,442	427	115	265,176	85	265,261
1996	217,164	41,875	7,633	434	129	267,235	106	267,341
1997	216,006	41,756	7,707	448	130	266,047	135	266,182
1998	218,330	42,723	7,888	482	131	269,554	150	269,704
1999	219,120	43,030	7,857	493	132	270,632	162	270,794
2000	220,654	43,632	7,959	508	132	272,885	173	273,058
2001	222,199	44,199	8,063	524	133	275,118	184	275,302

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 76: Southwestern Electric Power Company (Total System)
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	3,526	60	-	3,466	4,824	1,358	39.2%
1995	3,932	48	-	3,884	4,853	969	25.0%
1996	4,018	56	2	3,960	4,603	643	16.2%
1997	4,158	48	17	4,093	4,645	552	13.5%
1998	4,373	53	29	4,291	4,886	595	13.9%
1999	4,463	-	10	4,453	5,030	577	13.0%
2000	4,501	1	25	4,475	5,088	613	13.7%
2001	4,478	3	3	4,472	5,085	613	13.7%

**Table 77: Southwestern Electric Power Company (Total System)
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	1,837	1,824	821	-	-	342	-	-	-	4,824
1995	1,809	1,824	820	-	-	411	-	-	11	4,853
1996	1,789	1,824	820	-	-	462	-	-	292	4,603
1997	1,789	1,824	820	-	-	463	-	-	251	4,645
1998	1,784	1,848	842	-	-	512	-	-	100	4,886
1999	1,784	1,848	842	-	-	592	-	-	36	5,030
2000	1,795	1,848	842	-	-	479	104	61	41	5,088
2001	1,795	1,848	842	-	-	479	4	158	41	5,085

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 78: Southwestern Electric Power (Total System)
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter-ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	4,157	3,378	6,357	399	14,292	3,041	-	17,333
1995	4,406	3,521	6,531	424	14,882	3,347	-	18,229
1996	4,486	3,658	6,833	432	15,410	3,644	-	19,054
1997	4,549	3,779	6,968	445	15,742	3,900	-	19,641
1998	5,052	4,039	6,929	467	16,487	4,399	-	20,885
1999	4,735	4,033	6,807	474	16,049	4,319	-	20,369
2000	5,005	4,240	6,635	489	16,369	3,423	-	19,792
2001	5,128	4,331	5,956	492	15,908	3,543	-	19,450

**Table 79: Southwestern Electric Power (Total System)
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural Gas/Oil	Coal	Lignite	Nuclear	Hydro	Other	Net Energy Purchases	Total
1995	3,623	9,363	5,843	-	-	-	392	19,221
1996	3,550	10,397	5,876	-	-	-	(375)	19,448
1997	2,972	12,369	6,113	-	-	-	(535)	20,919
1998	3,698	12,343	5,438	-	-	-	544	22,024
1999	4,262	12,683	5,201	-	-	-	(746)	21,400
2000	4,492	12,470	6,322	-	-	-	(2,310)	20,974
2001	4,144	12,192	6,405	-	-	-	(2,436)	20,305

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 80: Southwestern Electric Power (Total System)
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	343,380	47,459	5,735		2,586	399,160	10	399,170
1995	348,967	48,623	5,807		2,602	405,999	11	406,010
1996	353,150	49,602	5,902		2,648	411,302	7	411,309
1997	356,598	50,807	5,846		2,746	415,997	7	416,004
1998	358,595	51,813	5,782		2,829	419,019	7	419,026
1999	360,570	52,837	5,609		2,892	421,908	7	421,915
2000	364,302	53,931	5,649		2,953	426,835	8	426,843
2001	366,719	54,969	5,700		2,978	430,365	8	430,373

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 81: Southwestern Electric Power Company (Texas System)
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	1,856	60	-	1,796	2,500	704	39.2%
1995	2,166	48	-	2,118	2,647	529	25.0%
1996	2,184	56	2	2,126	2,471	345	16.2%
1997	2,286	48	5	2,233	2,534	301	13.5%
1998	2,298	53	1	2,244	2,555	311	13.9%
1999	2,302	-	10	2,292	2,589	297	13.0%
2000	2,326	1	25	2,300	2,615	315	13.7%
2001	2,254	3	3	2,249	2,557	308	13.7%

**Table 82: Southwestern Electric Power Company (Texas System)
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	952	945	425	-	-	177	-	-	-	2,500
1995	987	995	447	-	-	224	-	-	6	2,647
1996	960	979	440	-	-	248	-	-	157	2,471
1997	976	995	447	-	-	253	-	-	137	2,534
1998	933	966	440	-	-	268	-	-	52	2,555
1999	918	951	433	-	-	305	-	-	19	2,589
2000	923	950	433	-	-	246	53	31	21	2,615
2001	903	929	423	-	-	241	2	79	21	2,557

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 83: Southwestern Electric Power (Texas System)
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter-ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	1,622	1,369	3,736	145	6,873	2,469	-	9,342
1995	1,707	1,454	3,828	152	7,140	2,666	-	9,806
1996	1,745	1,508	4,043	154	7,449	2,824	-	10,273
1997	1,789	1,570	4,122	161	7,642	3,081	-	10,723
1998	1,970	1,665	3,983	167	7,785	3,482	-	11,266
1999	1,829	1,643	3,848	169	7,489	3,411	-	10,900
2000	1,937	1,741	3,576	174	7,429	2,581	-	10,010
2001	1,992	1,791	2,799	176	6,758	2,680	-	9,438

**Table 84: Southwestern Electric Power (Texas System)
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural Gas/Oil	Coal	Lignite	Nuclear	Hydro	Other	Net Energy Purchases	Total
1995	1,949	5,037	3,143	-	-	-	211	10,340
1996	1,914	5,605	3,168	-	-	-	(202)	10,485
1997	1,623	6,753	3,337	-	-	-	(292)	11,420
1998	1,995	6,658	2,934	-	-	-	294	11,881
1999	2,281	6,787	2,783	-	-	-	(399)	11,452
2000	2,272	6,307	3,197	-	-	-	(1,168)	10,608
2001	2,011	5,916	3,108	-	-	-	(1,182)	9,853

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 85: Southwestern Electric Power (Texas System)
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	127,178	21,658	2,723		850	152,409	4	152,413
1995	128,674	22,160	2,801		823	154,458	4	154,462
1996	129,925	22,526	2,929		820	156,199	4	156,203
1997	131,100	23,091	2,928		854	157,974	4	157,978
1998	131,370	23,499	3,021		897	158,787	5	158,792
1999	131,882	23,699	3,006		909	159,496	5	159,501
2000	132,998	24,140	3,110		938	161,186	5	161,191
2001	134,631	24,927	3,139		952	163,647	5	163,652

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 86: Texas-New Mexico Power
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	1,010	-	10	1,000	1,006	6	0.6%
1995	1,125	-	10	1,115	1,152	37	3.3%
1996	1,136	24	-	1,112	1,452	340	30.6%
1997	1,159	24	-	1,135	1,575	440	38.8%
1998	1,135	8	-	1,127	1,152	25	2.2%
1999	1,209	(9)	-	1,200	1,258	58	4.8%
2000	1,223	(9)	-	1,214	1,255	41	3.4%
2001	1,223	(9)	-	1,214	1,228	14	1.2%

**Table 87: Texas-New Mexico Power
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	-	-	300	-	-	381	325	-	-	1,006
1995	-	-	300	-	-	602	250	-	-	1,152
1996	-	-	300	-	-	459	693	-	-	1,452
1997	-	-	300	-	-	464	811	-	-	1,575
1998	-	-	301	-	-	551	300	-	-	1,152
1999	-	-	301	-	-	402	600	-	-	1,258
2000	-	-	304	-	-	352	500	133	-	1,255
2001	-	-	308	-	-	252	500	256	-	1,228

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 88: Texas-New Mexico Power
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter-ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	1,866	1,418	1,504	94	4,883	3	-	4,886
1995	1,937	1,492	1,558	97	5,084	3	-	5,087
1996	2,018	1,528	2,513	90	6,149	4	97	6,250
1997	2,032	1,569	4,217	92	7,910	4	97	8,011
1998	2,213	1,667	3,677	93	7,649	4	87	7,740
1999	2,194	1,693	3,607	91	7,585	88	103	7,777
2000	2,233	1,824	3,493	92	7,642	4	163	7,808
2001	2,289	1,888	3,493	93	7,763	4	163	7,929

**Table 89: Texas-New Mexico Power
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural Gas/Oil	Coal	Lignite	Nuclear	Hydro	Other	Net Energy Purchases	Total
1995	-	-	2,269	-	-	-	2,907	5,176
1996	-	-	2,296	-	-	-	4,329	6,625
1997	-	-	2,089	-	-	-	6,415	8,505
1998	-	-	2,063	-	-	-	6,135	8,198
1999	-	-	1,913	-	-	-	6,036	7,949
2000	-	-	2,374	-	-	-	5,726	8,099
2001	-	-	2,367	-	-	-	5,842	8,208

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 90: Texas-New Mexico Power
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	148,357	25,510	121	208		174,196	1	174,197
1995	146,294	23,954	117	218		170,583	1	170,584
1996	149,487	24,348	118	223		174,176	1	174,177
1997	153,212	24,653	122	198		178,185	1	178,186
1998	156,123	24,921	122	204		181,370	14	181,384
1999	159,750	26,854	104	727		187,435	7	187,442
2000	163,085	27,295	95	727		191,202	9	191,211
2001	166,488	27,730	95	727		195,040	9	195,049

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 91: TXU Electric
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	18,030	515	-	17,515	22,350	4,835	27.6%
1995	19,180	549	-	18,631	22,250	3,619	19.4%
1996	19,668	738	-	18,930	22,389	3,459	18.3%
1997	20,351	1,122	-	19,229	22,449	3,220	16.7%
1998	21,383	1,032	-	20,351	22,579	2,228	10.9%
1999	21,748	1,024	-	20,724	22,858	2,134	10.3%
2000	21,783	1,116	79	20,588	23,693	3,105	15.1%
2001	22,391	1,117	121	21,153	24,343	3,190	15.1%

**Table 92: TXU Electric
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	12,861	-	5,845	2,300	-	-	1,344	-	-	22,350
1995	12,861	-	5,845	2,300	-	-	1,244	-	-	22,250
1996	13,100	-	5,825	2,300	-	-	1,164	-	-	22,389
1997	13,100	-	5,825	2,300	-	-	1,224	-	-	22,449
1998	12,955	-	5,825	2,300	-	75	1,424	-	-	22,579
1999	12,955	-	5,825	2,300	-	50	1,728	-	-	22,858
2000	12,975	-	5,726	2,300	-	-	2,308	384	-	23,693
2001	12,975	-	5,776	2,300	-	-	2,591	701	-	24,343

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 93: TXU Electric
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter-ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	30,250	24,968	23,101	5,539	83,859	3,245	-	87,104
1995	30,729	25,564	23,310	5,618	85,221	2,637	-	87,857
1996	32,992	26,419	24,186	5,921	89,517	3,969	-	93,486
1997	33,552	27,341	24,623	6,043	91,559	4,118	-	95,677
1998	36,744	29,264	25,075	6,510	97,593	3,275	-	100,868
1999	35,081	29,674	24,672	6,501	95,927	1,474	-	97,402
2000	35,845	30,607	23,616	6,705	96,774	1,479	-	98,252
2001	37,029	31,385	24,823	6,875	100,112	1,520	-	101,632

**Table 94: TXU Electric
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural Gas/Oil	Coal	Lignite	Nuclear	Hydro	Other	Net Energy Purchases	Total
1995	31,538	-	35,371	16,967	-	-	10,684	94,560
1996	33,186	-	39,840	15,104	-	-	12,418	100,547
1997	33,769	-	39,993	17,536	-	-	11,443	102,741
1998	39,981	-	39,742	17,851	-	-	11,271	108,845
1999	36,373	-	40,845	17,358	-	-	11,464	106,039
2000	29,311	7,867	35,135	17,719	-	-	15,063	105,095
2001	25,411	9,943	33,415	17,700	-	-	21,605	108,074

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 95: TXU Electric
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	2,005,260	218,579	21,547	28,714		2,274,100	214	2,274,314
1995	2,038,714	222,602	21,322	29,182		2,311,820	166	2,311,986
1996	2,087,742	229,291	21,113	29,765		2,367,910	165	2,368,075
1997	2,131,408	234,595	21,005	30,307		2,417,316	140	2,417,456
1998	2,181,768	241,394	20,813	30,754		2,474,730	75	2,474,805
1999	2,236,743	248,544	20,436	31,288		2,537,011	17	2,537,027
2000	2,292,972	255,015	20,335	31,938		2,600,259	16	2,600,275
2001	2,340,959	260,386	20,247	32,611		2,654,202	16	2,654,218

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 96: West Texas Utilities
Annual Peak Demand and Reserve Margin
As Reported to the Public Utility Commission of Texas**

Year	Peak Demand	Inter-ruptible	DSM	Firm Demand	Net System Capacity	Reserve Margin MW	Reserve Margin %
1994	1,262	38	-	1,224	1,401	177	14.4%
1995	1,435	49	-	1,386	1,392	6	0.4%
1996	1,433	54	-	1,379	1,594	215	15.6%
1997	1,481	68	3	1,410	1,610	200	14.2%
1998	1,591	71	6	1,514	1,686	172	11.4%
1999	1,603	56	9	1,538	1,701	163	10.6%
2000	1,559	68	16	1,475	1,696	221	15.0%
2001	1,592	68	2	1,522	1,751	229	15.0%

**Table 97: West Texas Utilities
Net System Capacity by Source (MW)
As Reported to the Public Utility Commission of Texas**

Year	Gas/Oil	Coal	Lignite	Nuclear	Other	Purchases		Un-specified	Off-System Sales	Net System Capacity
						Utilities	NonUtilities			
1994	1,031	370	-	-	-	-	-	-	-	1,401
1995	1,022	370	-	-	-	-	-	-	-	1,392
1996	1,014	370	-	-	-	250	-	-	40	1,594
1997	1,014	370	-	-	-	225	-	-	-	1,610
1998	1,025	370	-	-	-	173	132	-	15	1,686
1999	1,029	382	-	-	-	268	36	-	15	1,701
2000	1,016	377	-	-	-	93	224	-	15	1,696
2001	1,016	377	-	-	-	78	3	291	15	1,751

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 98: West Texas Utilities
Annual Sales by Sector (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Retail				Total	Wholesale	Inter-ruptible	Total Sales
	Residential	Commercial	Industrial	Other				
1994	1,507	1,128	1,241	556	4,433	1,628	-	6,060
1995	1,490	1,152	1,233	549	4,424	1,969	-	6,393
1996	1,620	1,203	1,241	581	4,645	2,252	-	6,897
1997	1,622	1,223	1,406	581	4,831	2,325	-	7,156
1998	1,766	1,302	1,329	621	5,018	2,466	-	7,484
1999	1,679	1,295	1,234	630	4,837	2,346	-	7,184
2000	1,747	1,336	1,215	651	4,950	2,253	-	7,203
2001	1,789	1,373	1,252	656	5,070	2,311	-	7,381

**Table 99: West Texas Utilities
Generation by Resource Type (GWh)
As Reported to the Public Utility Commission of Texas**

Year	Natural Gas/Oil	Coal	Lignite	Nuclear	Hydro	Other	Net Energy Purchases	Total
1995	4,214	2,312	-	-	-	1	577	7,104
1996	3,539	2,676	-	-	-	9	1,308	7,531
1997	2,976	2,883	-	-	-	9	1,978	7,846
1998	3,461	2,753	-	-	-	9	1,958	8,181
1999	3,393	2,492	-	-	-	6	1,849	7,741
2000	3,216	2,788	-	-	-	8	2,034	8,046
2001	3,386	2,604	-	-	-	8	2,228	8,226

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.

**Table 100: West Texas Utilities
Number of Customers
As Reported to the Public Utility Commission of Texas**

Year	Retail					Total	Wholesale	Total Customers
	Residential	Commercial	Industrial	Municipal	Other			
1994	144,271	26,376	7,425		5,344	183,416	16	183,432
1995	145,765	27,040	7,352		5,491	185,648	17	185,665
1996	146,465	27,625	6,312		5,696	186,098	17	186,115
1997	146,936	27,779	5,979		5,872	186,567	18	186,585
1998	147,606	28,370	5,786		6,121	187,883	18	187,901
1999	148,257	28,878	5,499		6,371	189,005	19	189,024
2000	149,202	29,428	5,247		6,142	190,019	19	190,038
2001	150,332	30,022	5,228		6,220	191,802	19	191,821

Notes

Data from 1994 to 1999 are actual; data from 2000 to 2009 are projected.
If not provided by the utility, PUC staff estimated the data as needed.