

ATTACHMENT J2

Travis AFB Natural Gas Distribution System

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J2 Travis AFB Natural Gas Distribution System

J2.1 Travis AFB Overview

Travis Air Force Base (AFB), located 50 miles northeast of San Francisco at Fairfield, California, is an Air Mobility Command (AMC) installation.

Travis AFB is named in honor of Brigadier General Robert F. Travis, who was killed in a B-29 crash at the Installation on 5 August 1950. At the time of his death, the general was commander of the 9th Heavy Bombardment Wing and was the Base's commanding general. Formal dedication ceremonies were held on 21 April 1951.

Although today Travis is the home of the largest airlift organization in the Air Force, it began as an isolated airstrip with a few tarpaper shacks set in the middle of a wind-swept prairie during World War II. Activated on 11 May 1943, the field was named Fairfield-Suisun Army Air Base, after the two closest, mostly agricultural, towns. Planned shortly after Pearl Harbor, the Base served as home for medium bombers and fighters assigned to defend the West Coast. The first runway and temporary buildings were constructed by the Army Corps of Engineers in the summer of 1942. They were used initially by Army and Navy fighter planes for takeoff and landing practice. For a few months, the outline of an aircraft carrier's deck was painted on the runway to help newly commissioned Navy pilots practice maneuvers. The strong local prevailing winds nearly duplicated those at sea.

Shortly after construction began, however, the Base's potential as a major aerial port and supply transfer point for the Pacific theater led the Army Air Corps to assign it to the newly-designated Air Transport Command. The Base officially opened 1 June 1943, with a primary mission of servicing and ferrying tactical aircraft from California across the Pacific to the war zone. By 1945, the Base had become the West Coast's largest aerial port. The airlift of troops and supplies to occupied Japan and Korea, and the processing of war-weary returning GIs, had become the primary mission. On 1 June 1948, the Military Air Transport Service (MATs) assumed jurisdiction. In July, two of the Base's air transport squadrons left for Europe to assist in the Berlin Airlift.

On 1 May 1949, the Strategic Air Command (SAC) became the parent major command for the Base, turning it into a major long-range reconnaissance and intercontinental bombing installation. For the next nine years, airlift operations became secondary while the Base served as home for SAC bombers such as the B-29, B-36, and eventually, the B-52. During this period, new hangars appeared, runways were added and widened, and permanent barracks and family living quarters were built. The Base grew to its present size, which encompasses 6,383 acres.

MATs resumed command of Travis AFB on 1 July 1958, after SAC's new dispersal policy led to the transfer of the 14th Air Division to Beale AFB, California. The Base became headquarters the 1501st Air Transport Wing--1955; for MATs's Western Transport Air Force (later 22nd Air Force)--1958; and the 60th Military Airlift Wing (later the 60th Airlift Wing, later the 60th Air Mobility Wing)--1966. The 60th replaced the 1501st as the host unit on

Travis on 8 January 1966. The 349 MAW (USAF Reserve) joined with the 60th when it moved from Hamilton AFB, California, in 1969.

Travis became part of the Air Mobility Command on 1 June 1992, when assets from MAC and SAC were fused into a single team. AMC's primary mission is mobility for America's armed forces. Travis supports this capability by deploying air and air mobile forces anywhere in the world, and sustains them in a conflict. The Base has become the largest in AMC in terms of aircraft and personnel. The only wing to fly both the C-5 "Galaxy" and the C-141 "Starlifter", the Base added the KC-10 "Extender" to its inventory in 1994.

With the addition of the KC-10 community, and with other force structure changes, Travis AFB's construction budget for Fiscal Years 1993 through 1997 totaled nearly \$1 billion.

Known as the "Gateway to the Pacific", Travis handles more cargo and passenger traffic through its aerial port than any other military air terminal in the United States. Additionally, the Base has had a long and proud history of supporting humanitarian airlift at home and around the world. Today, the Travis Team includes approximately 7,260 active military, 3,770 civilians, and 4,250 reservists.

Travis AFB encompasses a total of 6,383 acres (5,128 owned; 1,255 leased). There are no utility components on lease property that are included in the privatization package. Travis AFB has two runways, each approximately 11,000 feet. There are 2,273 buildings totaling approximately 10 million square feet on Base: 921 industrial/administrative facilities totaling 6.3 million square feet and 2,607 military family housing (MFH) units totaling 3.7 million square feet. Travis AFB has an annual payroll of approximately \$450 million (combined military and civilian), and the Base contributes significantly to the local economy through civilian employment, contracting, and purchases from local businesses.

J2.2 Natural Gas Distribution System Description

J2.2.1 Natural Gas Distribution System Fixed Equipment Inventory

The Travis AFB natural gas distribution system consists of all appurtenances physically connected to the distribution system from the point in which the distribution system enters the Installation and Government ownership currently starts to the point of demarcation, defined by the Right of Way. The system may include, but is not limited to, pipelines, valves, regulators, meters, and cathodic protection. The actual inventory of items sold will be in the bill of sale at the time the system is transferred. The following description and inventory is included to provide the Contractor with a general understanding of the size and configuration of the distribution system. The Government makes no representation that the inventory is accurate. The Contractor shall base its proposal on site inspections, information in the technical library, other pertinent information, and to a lesser degree the following description and inventory. Under no circumstances shall the Contractor be entitled to any service charge adjustments based on the accuracy of the following description and inventory.

Specifically excluded from the gas distribution system privatization:

- All Government-owned components located in the Housing Areas serving housing units.

J2.2.1.1 Description

Odorized natural gas for Travis AFB is purchased from Pacific Gas and Electric Company (PG&E) at three separate PG&E-owned delivery points on the Installation. The natural gas is transported through PG&E-owned and operated supply lines to these metering points. These meters are found at the following locations:

- The south delivery point is located near the South Gate.
- The Capehart Housing area delivery point is located near the intersection of Cannon Drive and Parker Road.
- The north delivery point is located east of the David Grant Medical Center (DGMC) near the Fisher House.

The Air Force owns the natural gas distribution system downstream of these three delivery points. It consists of approximately 268,000 linear feet of piping and associated valves, regulators, and meters. It is a looped system except for isolated areas near the runway and apron areas. The system is operated at a distribution pressure of 12 pounds per square inch gauge (psig) everywhere except the 800 and 900 areas, where the distribution pressure is further reduced to 5 psig.

The gas lines in the Main Base area are predominately four-inch and six-inch coated and wrapped steel. Although this steel pipe was cathodically protected at one time, the system has not been maintained for many years and virtually nothing remains of the cathodic protection system. Recent replacements of segments of the distribution system have been with PE pipe and associated warning tape and tracer wires. An estimated 15,700 linear feet of the natural gas piping lies beneath 3-inch asphalt pavements and 5,950 linear feet lies beneath 24-inch concrete pavements, based on measurements taken from the Installation's natural gas distribution system drawings. Average depth of burial is approximately 48 inches.

There are substantial changes being planned for Travis MFH. A recent Housing Market Analysis has established the Travis housing requirement at 1,169 dwelling units, less than half of the 2,607 units currently available. The current plan calls for privatization of 774 units (units are all less than 10 years old). Two housing leases that expire in 2010 and 2011 will not be renewed and the remaining older Government-owned units will be demolished and replaced with 395 new, privatized units. (774 + 395 = 1,169, the total number justified on the Housing Market Analysis.) These initiatives will, over the next several years, substantially affect the utility distribution systems for the housing areas. Because of these impending changes, all Government-owned gas distribution components within the housing areas and serving housing units are categorically excluded from this utility privatization package.

There are no natural gas components installed at either the Water Well No. 1 or Potrero Hills sites or any other Travis geographically separated units (GSUs).

J2.2.1.2 Inventory

Table 1 lists the major natural gas distribution components included in the privatization package. Drawings used to develop the inventory were the Travis Comprehensive Plan Tab G-5, Sheet 1 (Revised 1997).

TABLE 1
 Fixed Inventory
 Natural Gas Distribution System - Travis AFB

Component	Size	Unit	Quantity	Approximate Year of Construction
MAIN BASE				
Pipe				
Black / C&W Steel	1"	LF	900	1996
Black / C&W Steel	<2"	LF	600	1957
Black / C&W Steel	2"	LF	750	1946
Black / C&W Steel	2"	LF	700	1953
Black / C&W Steel	2"	LF	32,100	1954
Black / C&W Steel	2"	LF	5,200	1957
Black / C&W Steel	2"	LF	300	1989
Black / C&W Steel	2-2.5"	LF	1,710	1953
Black / C&W Steel	2-2.5"	LF	2,130	1954
Black / C&W Steel	2-2.5"	LF	8,720	1957
Black / C&W Steel	3"	LF	1,020	1953
Black / C&W Steel	3"	LF	540	1954
Black / C&W Steel	3"	LF	600	1957
Black / C&W Steel	4"	LF	6,300	1954
Black / C&W Steel	4"	LF	6,400	1957
Black / C&W Steel	6"	LF	1,230	1946
Black / C&W Steel	6"	LF	15,330	1954
Black / C&W Steel	6"	LF	5,830	1957
Black / C&W Steel	8"	LF	2,890	1954
Black / C&W Steel	8"	LF	1,240	1957
Black / C&W Steel	12"	LF	990	1946
Black / C&W Steel	12"	LF	5,100	1954
HDPE	2"	LF	800	1984
HDPE	2"	LF	3,400	1996
HDPE	2"	LF	350	2003
HDPE	2-2.5"	LF	1,720	1984
HDPE	2-2.5"	LF	60	1995
HDPE	2-2.5"	LF	450	1996
HDPE	3"	LF	1,040	1984
HDPE	4"	LF	500	1995
HDPE	4"	LF	2,230	1996
HDPE	4"	LF	2,450	2003
HDPE	6"	LF	2,660	1984
HDPE	6"	LF	250	1995
HDPE	6"	LF	3,670	1996
HDPE	6"	LF	2,325	2003
HDPE	12"	LF	880	1995

Component	Size	Unit	Quantity	Approximate Year of Construction
HDPE	12"	LF	1,160	1996
Valves and Regulators				
Plug Valves	1"	EA	24	1996
Plug Valves	2"	EA	22	1946
Plug Valves	2"	EA	14	1953
Plug Valves	2"	EA	654	1954
Plug Valves	2"	EA	104	1957
Plug Valves	2"	EA	16	1984
Plug Valves	2"	EA	18	1989
Plug Valves	2"	EA	68	1996
Main Valves (typical)	3"	EA	8	1953
Main Valves (typical)	3"	EA	29	1954
Main Valves (typical)	3"	EA	31	1957
Main Valves (typical)	3"	EA	32	1996
Main Valves (typical)	12"	EA	6	2003
Regulators	1"	EA	12	1996
Regulators	2"	EA	11	1946
Regulators	2"	EA	321	1954
Regulators	2"	EA	52	1957
Regulators	2"	EA	15	1984
Regulators	2"	EA	3	1989
Regulators	2"	EA	34	1996
Meters				
Meters	2"	EA	18	1954
Meters	2"	EA	36	1957
Meters	2"	EA	8	1984
Meters	2"	EA	12	1995
Meters	2"	EA	37	1996

Notes:

Main Base includes Areas 100, 200, 400, 500, 600, 700, 800, 900, 1100, 1300, Mission Support Center, and DGMC

EA = each

LF = linear feet

C&W = coated and wrapped

HDPE = heavy duty polyethylene

J2.2.2 Natural Gas Distribution System Non-Fixed Equipment and Specialized Tools

Tables 2 and 3 would typically list other ancillary equipment (spare parts) and specialized vehicles and tools included in the purchase. Since the natural gas system usually requires little maintenance, there is very little material maintained in the utility shop inventory for emergency repairs as reflected in Table 2. Since the utility shop is responsible for maintenance of the water, sewer, fire protection, and irrigation systems as well as the natural gas systems, and since the natural gas system is the only utility shop system

included in this privatization package, equipment and tools must be retained for maintenance of the Government-retained utility systems. There are no tools or equipment items available for purchase. Hence, **Table 3** reflects no items available for privatization purchase.

TABLE 2
 Spare Parts
 Natural Gas Distribution System - Travis AFB

Quantity	Item	Description	Location
200'	Pipe	1" Coated and Wrapped Steel	Utility Shop
Variable	Repair couplings, fittings, valves	Steel and PE	Utility Shop

TABLE 3
 Specialized Vehicles and Tools
 Natural Gas Distribution System - Travis AFB

Description	Quantity	Location	Maker
None			

J2.2.3 Natural Gas Distribution System Manuals, Drawings, and Records

Table 4 lists the manuals, drawings, and records that will be transferred with the system.

TABLE 4
 Manuals, Drawings, and Records
 Natural Gas Distribution System - Travis AFB

Quantity	Item	Description	Remarks
1	Drawing Set	Base Comprehensive Plan, G-5, 1997	Sheets 1 & 2
1	Drawing Set	As-Built drawings, 1" = 50', (1958)	Approximately 80 Sheets
1	Study	Leak Survey	June 2003
1	Report	HQ AMC Infrastructure Assessment	June 2003

J2.3 Specific Service Requirements

The service requirements for the Travis AFB natural gas distribution system are as defined in the Section C, *Description/Specifications/Work Statement*. The following requirements are specific to the Travis AFB natural gas distribution system and are in addition to those found in Section C. If there is a conflict between requirements described below and Section C, the requirements listed below take precedence over those found in Section C.

- The Contractor will be required to mark his own utilities and will be responsible for initiating, officiating, and tracking digging permits for his own utilities. The Contractor will provide not less than 5 and not more than 15 working days notice of any needed excavations to the 60th CES and to said Utilities Privatization Administrative Contracting Officer so the location of underground utilities may be located and marked by the applicable utility owner.
- The Contractor shall enter into a Memorandum of Understanding (MOU) with the Base Fire Department for fire protection of all facilities included in the purchase of the utility. The MOU shall be completed during the transition period and a copy provided to the Contracting Officer.

J2.4 Current Service Arrangement

- Odorized natural gas is purchased from PG&E.
- Usage fluctuations are driven primarily by heating loads and have considerable variation. In examining monthly consumption figures for fiscal years (FY) 2001 and 2002, the low monthly figure was 13,912.6 MCF in September 2002, while the high figure was 54,504.7 MCF in January 2002. Total Base consumption for FYs 01 and 02 was approximately 350,000 MCF and 340,000 MCF, respectively.
- There are apparently no contentious Certificate of Public Convenience and Necessity (CPCN) issues. Travis does not lie within the boundaries of any municipality; as only municipalities may issue franchises, Travis AFB is by default not subject to any franchise territory for the gas utility. Travis AFB is bordered by a distribution territory over which PG&E holds a CPCN.

J2.5 Secondary Metering

J2.5.1 Existing Secondary Meters

Table 5 provides a listing of the existing (at the time of contract award) secondary meters that will be transferred to the Contractor. Meters are all low-pressure meters, working off the system distribution of 12 psig. The Contractor shall provide meter readings for all secondary meters in accordance with (IAW) Paragraph C.3.3 and J2.6 below.

TABLE 5
 Existing Secondary Meters
Natural Gas Distribution System - Travis AFB

Building No.	Facility Function	Building No.	Facility Function
787	BLOOD BANK	1351	DORM
379	SQ OPS	1359	
1202	FUELS MANAGEMENT	1352	
1205	CEMIRT	1353	
1212	LIFE SUPPORT	1354	
80 NORTH	MUSEUM	1355	

Building No.	Facility Function	Building No.	Facility Function
80 WEST	MUSEUM	1361	
52		377	AIR MOBILITY
181		350	ARMY ADMIN
185		1201	FLIGHT KITCHEN
187		81	BX WEST
206	65 AEROMED	81	BX NORTH
205	AMN LEADERSHIP	83	WAREHOUSE
228	NEW ADDITION	50	
238	RESERVE 349TH	P3	CAFE
237		P3	EAST
235	PHOTO LAB	1905	INCINERATOR
179	FLIGHT SIMULATOR	P2	
155	FLIGHT SIMULATOR	P1	LIFE SUPPORT
150	FLIGHT SIMULATOR	P41	A.G.E.
154*		P31	COMMAND POST
660	FAMILY SUPPORT	18	
690	THRIFT SHOP	22	60 AGS
549 - OUTSIDE		21	60 AGS
804	PMEL	214	BOWLING ALLEY - WEST
835		232	POOL #1
921	APS	231	POOL #1
906	EOD	212	REC CENTER
912	C.E.	226 - OUTSIDE	
881		172	SHOPPETTE
779 (1)	BOILER PLANT	170	BX SERVICE STATION
779 (2)	BOILER PLANT	112	BAND IN BLUE
779 (3)	BOILER PLANT	680	COMMISSARY
777	HOSPITAL	685	BURGER KING
789	FISHER HOUSE	556	SQ OPS
778	VA CLINIC	557	SQ OPS
648	BX	558	SQ OPS
603	CAR WASH	550**	FMS
665	CHILD CARE	551	FUELS
601	FAMILY CAMP	809	
668	CHILD CARE	803	60 EMS - NORTH
650 (1)	MINI MALL	803	60 EMS - SOUTH
650 (2)	MINI MALL	818	
659	CREDIT UNION	811	
7763	YOUTH CENTER	836	
7690	CHILD CARE	864	
480	CONFERENCE CENTER	919	#1 NEW
400	CO-LOCATED CLUB	919	#2 OLD
434	NEW GYM	981	VEHICLE OPS
437	THEATER	977	APS
436	LIBRARY	971	HAZARDOUS STORAGE
380	SQ OPS	1171	NAVY
382	BOILER PLANT MAIN	1174	NAVY

Building No.	Facility Function	Building No.	Facility Function
1301	DINING HALL	1177	NAVY
1349	MECHANICAL ROOM	869	SKATE RINK
1350	DORM	836	MWR
1356			

J2.5.2 Required New Secondary Meters

The Contractor shall install and calibrate new secondary meters as listed in **Table 6**. New secondary meters shall be installed IAW Paragraph C.13, Transition Plan. After installation, the Contractor shall maintain and read these meters IAW Paragraphs C.3.3 and J2.6 below.

TABLE 6
 New Secondary Meters
 Natural Gas Distribution System - Travis AFB

Building No.	Facility Function	Building No.	Facility Function
1 P-1	WAREHOUSE	680	COMMISSARY
1	SQ OPS		BURGER KING
1001	TST CELL		MAIN BX
1002	TST CELL		SHP ACFT GEN PURPOSE
1022	SHP JET	7690	CHILD CARE CENTER 3
1032	SHOP AM ORGL	7763	YOUTH CENTER
1171	TACAMO MAINTENANCE	778	VETERANS ADMIN
1174	TACAMO QA	787	ARMED SERVICE BLOOD LAB
1175	TACAMO ALERT FAC	790	VETERANS ADMIN
1176	TACAMO BLUE ROOM	800	GEN PURP FACILITY
1177	TACAMO BOEING WH	802	SHP, AVIONICS
1178	TACAMO SUGAR 2	803	SHP ACFT GEN PURPOSE
1179	TACAMO BOEING BLDG	808	MAINT DOCK, FL SYS
1180	TACAMO SUGAR 1	809	MAINT DOCK, LA
1201	KITCHEN, IN FLT	81	EXCH ADMIN
1201	TRML, DEF MICROELEC	810	MAINT DOCK, LA
1201	TRML, FLT SERVICE	810	SHP AM ORGL
1212	SQ OPS (LIFE SUPPORT)	811	ACFT COR CON
1348	BX AMUSEMENT CENTER	817	SHP, AVIONICS
16	SHP JET ENG MNT	818	HG MAINT
163	NAVY ROICC	818	SHP ACFT GEN PURP
170	SERVICE STATION	83	SQ OPS
171	SERVICE STATION ANNEX	836	SQ OPS
172	SHOPETTE	839	WHSE SUP & EQUIP BSE
18	ACFT COR CON	840	WHSE SUP & EQUIP BSE
1846	SADDLE CLUB	841	MAIN DOCK, LA
1876	CONSOLIDATED POOL	842	SHP AM ORGL
1902	TRML, FLT SVC	843	SHP AM ORGL
1905	INCINERATOR, 60 APS	844	SHP AM ORGL
1919	TST CELL	845	SHP ACFT GEN PURP

Building No.	Facility Function	Building No.	Facility Function
1928	FAMILY CAMP	846	SHP ACFT GEN PURP
2	SHP AM ORGL	863	MWR SUPPLY
2011	GOLF COURSE MAINT	863	OUTDOOR REC
205	223 RD INFANTRY	864	SHP AM ORGL
205	AIRMAN LEADERSHIP SCHOOL	869	SKATING RINK
21	SHP AM ORGL	888	BSEWHSE SUP & EQUIP
212	SNACK BAR	8905	GOQ
214	BOWLING CENTER	8941	GOQ
22	WHSE SUP & EQUIP BSE	8942	GOQ
223	AUTO HOBBY SHOP STORAGE	9	SHP, AM ORGL
224	PAINT BOOTH	904	SHP ASE STOR FAC
231	POOL CL2 BLDG	919	VEH MAINT SHOP
232	BATHHOUSE	933	DEFENSE COURIER
241	SQ OPS	934	DEFENSE COURIER
242	SQ OPS	970	TRML, AIR FRT
243	SQ OPS	971	TRML, AIR FRT
247	DINING HALL	977	NAVY MATERIAL TRNS
248	SQ OPS	977	TRML, AIR FRT
250	60AMW XP	977	TRML, OFFICE
250	ROYAL AIR FORCE	977	TRML, SUBMARINE
250	WAGE & SALARY WESTERN REG	979	TRML, AIR FRT
254	SQ OPS	981	VEH MAINT SHP
3	AMERICAN EATERY	1304	
3	BARBER SHOP	1305	
3	BUDGET RENTAL CAR	1306	
3	DAPS	1307	
3	TRML, AIR PSGR	1308	
31	WPN SYS MGT FCLT	1309	
350	3D BDE, 91 ST DIVISION, ARMY	1310	
376	SQ OPS	1327	
377	SHP ASE STOR FCLT	1328	
380B	SQ OPS	1329	
381	DEFENSE SECURITY SRVC	1330	
381	HUVA-A-JAVA-DO	1331	
383	TRICARE	1332	
4	TRML, AIR PSGR	1333	
400	CO-LOCATED CLUB	1334	
405	MWR ADMIN	1350	
41	AGE SHP STOR FCLT	1351	
42	AGE WASH RACK	1352	
434	GYMNASIUM	1353	
480	GODFATHER'S PIZZA	1354	
50	HQ GROUP	1355	
525	SHP SURVER EQUIPMENT	1356	
543	MADIGAN ARMY MED CNTR	2001	
549		2002	
551	SHP ACFT GENERAL PURPOSE	2003	

Building No.	Facility Function	Building No.	Facility Function
557	SQ OPS	2004	
558	SQ OPS	2005	
563	STORAGE	2012	
601	FAMILY CAMP SERVICE CENTER	2013	
603	CAR WASH	771	AERO CLUB
650	BASE EXCHANGE RETAIL	772	AERO CLUB
650	POST OFFICE	CG 5582	
650	TEEN CENTER	CG 6223	
659	CREDIT UNION	CG 8986	

J2.6 Monthly Submittals

The Contractor shall provide the Government monthly submittals for the following:

1. **Invoice** (IAW G.2): The Contractor’s monthly invoice shall be presented in a format proposed by the Contractor and accepted by the Contracting Officer. Invoices shall be submitted by the 25th of each month for the previous month. Invoices shall be submitted to:

Name: Energy Manager
 60th CES/CEOE
Address: 241 V Street, Building 878
 Travis AFB, CA 94535-5000
Phone number: (707) 424-2650

2. **Outage Report:** The Contractor’s monthly outage report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Outage reports shall be submitted by the 25th of each month for the previous month. Outage reports shall be submitted to:

Name: Energy Manager
 60th CES/CEOE
Address: 241 V Street, Building 878
 Travis AFB, CA 94535-5000
Phone number: (707) 424-2650

3. **Meter Reading Report:** The monthly meter reading report shall show the current and previous month readings for all secondary meters. The Contractor’s monthly meter reading report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Meter reading reports shall be submitted by the 15th of each month for the previous month. Meter reading reports shall be submitted to:

Name: Energy Manager
 60th CES/CEOE
Address: 241 V Street, Building 878
 Travis AFB, CA 94535-5000
Phone number: (707) 424-2650

4. **System Efficiency Report:** If required by Paragraph C.3, the Contractor shall submit a system efficiency report in a format proposed by the Contractor and accepted by the Contracting Officer. System efficiency reports shall be submitted by the 25th of each month for the previous month. System efficiency reports shall be submitted to:

Name: Energy Manager
 60th CES/CEOE
Address: 241 V Street, Building 878
 Travis AFB, CA 94535-5000
Phone number: (707) 424-2650

J2.7 Energy Saving Projects

IAW Paragraph C.3, Requirement, there are currently no energy-saving projects that would have any significant effect on the natural gas distribution system.

J2.8 Service Area

IAW Paragraph C.4, Service Area, the service area is defined as all areas within the Travis AFB boundaries.

J2.9 Off-Installation Sites

There are no off-Installation site natural gas components included in the sale of the Travis AFB natural gas distribution system.

J2.10 Specific Transition Requirements

IAW Paragraph C.13, Transition Plan, **Table 7** provides a listing of service connections and disconnections required upon transfer.

TABLE 7
 Service Connections and Disconnections
 Natural Gas Distribution System - Travis AFB

Location	Description
Natural gas lines serving the Community Area (Child Development Center, Bldg 7690; Youth center, Bldg 7763; Chapel, Bldg 7766; and Scandia school.)	Contractor to provide separate services (2" minimum) to these buildings in the Community Area from nearby PG&E-owned gas mains. Install meters and regulators as required. Cut and cap the gas lines to these facilities currently served by the Housing gas distribution lines. (Housing gas lines will be included in a separate Housing Privatization initiative.)

J2.11 Government Recognized System Deficiencies

Although the Travis natural gas system is generally in poor condition and includes many components (steel pipe and valves) that are well past their expected life, and even though the cathodic protection system for steel components is virtually non-existent, there are no system deficiencies, as the Air Force defines “system deficiencies”. Travis gas system components are simply old and can be remedied by appropriate investment in renewal and replacement projects. When old steel pipe and valve components are replaced with PE pipe and plastic valves, cathodic protection will not be required. Hence, there are no deficiencies listed in **Table 8**.

TABLE 8
System Deficiencies
Natural Gas Distribution System - Travis AFB

Project Location	Project Description
None	