PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS 20170179-GU MINIMUM FILING REQUIREMENTS INDEX

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PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS 20170179-GU MINIMUM FILING REQUIREMENTS INDEX

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SCHEDULE E-1							COST OF SE	RVICE							PAGE 1 OF 6	
FLORIDA PUBL COMPANY: DOCKET NO.:	IC SERVICE COMMISSION PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS 20170179-GU				EXPLA			EVENUES BY RA PRESENT RATE						TYPE OF DATA HISTORIC BASI WITNESS: D. N	E YEAR DATA: 1	2/31/16
							5	SALES AND TRAM	SPORTATION	SERVICE:						
LINE NO.	_	<u>GS-1</u>	<u>GS-100</u>	RESIDENTIAL GS-220	<u>GS-600</u>	<u>GS-1.2K</u>	<u>GS-6K</u>	GAS <u>LIGHTING</u>	<u>GS-1</u>	<u>GS-100</u>	<u>GS-220</u>	COMM <u>GS-600</u>	ERCIAL GS-1.2K	<u>GS-6K</u>	<u>GS-25K</u>	<u>GS-60K</u>
1	NO. OF BILLS	320,481	601,645	266,061	9,805	1,794	15	2,373	7,657	3,177	5,181	6,090	34,265	28,792	3,880	854
2	THERM SALES	2,047,031	7,519,951	5,465,062	481,723	191,309	15,405	14,854	227,586	171,974	249,977	691,898	10,152,722	25,720,064	10,518,645	7,753,377
3	UNBILLED THERM SALES															
4	TOTAL THERM SALES	2,047,031	7,519,951	5,465,062	481,723	191,309	15,405	14,854	227,586	171,974	249,977	691,898	10,152,722	25,720,064	10,518,645	7,753,377
5	CUSTOMER CHARGE REVENUE	\$2,563,848	\$5,715,628	\$2,926,671	\$117,660	\$26,910	\$450	\$0	\$61,256	\$30,182	\$56,991	\$73,080	\$513,975	\$863,760	\$310,400	\$128,100
6	SAFE REVENUE	\$226,423	\$425,040	\$187,614	\$6,893	\$1,259	\$17	\$0	\$5,390	\$2,241	\$3,668	\$4,307	\$24,167	\$37,457	\$5,052	\$1,114
7	BASE NON-FUEL REVENUE	\$1,150,698	\$3,929,024	\$2,706,900	\$210,335	\$60,673	\$4,234	\$8,843	\$127,933	\$89,853	\$123,816	\$302,103	\$3,219,936	\$7,069,674	\$2,905,039	\$2,130,395
8	UNBILLED BASE NON-FUEL REVENUE															
9	TOTAL BASE NON-FUEL REVENUE	\$3,940,968	\$10,069,691	\$5,821,185	\$334,888	\$88,843	\$4,701	\$8,843	\$194,579	\$122,276	\$184,475	\$379,490	\$3,758,078	\$7,970,891	\$3,220,492	\$2,259,609
10	FUEL REVENUE	\$986,264	\$3,624,770	\$2,635,859	\$231,823	\$93,079	\$7,251	\$7,090	\$80,383	\$41,673	\$103,111	\$261,959	\$3,295,176	\$5,077,081	\$1,098,158	\$966,229
11	UNBILLED FUEL REVENUE															
12	TOTAL FUEL REVENUE	\$986,264	\$3,624,770	\$2,635,859	\$231,823	\$93,079	\$7,251	\$7,090	\$80,383	\$41,673	\$103,111	\$261,959	\$3,295,176	\$5,077,081	\$1,098,158	\$966,229
13	OTHER REVENUE ⁽¹⁾	\$1,109,166	\$2,776,865	\$1,640,994	\$94,324	\$27,667	\$1,916	\$2,066	\$65,999	\$42,764	\$69,472	\$115,359	\$1,142,777	\$2,315,741	\$875,776	\$569,923
14	TOTAL REVENUE	\$6,036,398	\$16,471,327	\$10,098,038	\$661,036	\$209,589	\$13,868	\$17,999	\$340,962	\$206,713	\$357,058	\$756,808	\$8,196,030	\$15,363,713	\$5,194,426	\$3,795,762
15	(1)OTHER REVENUE:	<u>-</u>														
16	CONNECT, DISCONNECT	\$ 244,205	\$ 364,403	\$ 114,956 \$	5,827 \$	1,163		\$	9,346 \$	3,142 \$	5,560	\$ 6,686	\$ 34,731	\$ 28,326	\$ 3,767 \$	\$ 876
17	OTHER	\$ 287,009	\$ 488,453	\$ 183,406 \$	13,345 \$	3,864		131.87 \$	9,856 \$	\$ 4,416 \$	7,901	\$ 14,801	\$ 132,397	\$ 274,986	\$ 103,975 \$	\$ 58,461
18	GROSS RECEIPTS & FRANCHISE TAXES	\$267,327	\$783,880	\$514,131	\$38,887	\$14,046	\$1,340	\$862	\$12,273	\$9,138	\$18,111	\$41,770	\$519,597	\$1,051,748	\$378,928	\$234,181
19	ECCR	\$310,625	\$1,140,128	\$828,501	\$36,266	\$8,593	\$576	\$1,071	\$34,525	\$26,068	\$37,899	\$52,102	\$456,052	\$960,682	\$389,107	\$276,406
20	TOTAL	\$1,109,166	\$2,776,865	\$1,640,994	\$94,324	\$27,667	\$1,916	\$2,066	\$65,999	\$42,764	\$69,472	\$115,359	\$1,142,777	\$2,315,741	\$875,776	\$569,923

RECAP SCHEDULES: E-2, F-10

				SALE	S AND TRANSPOR	TATION SERV	ICE		
LINE NO.	_	<u>GS-120K</u>	COMMERCIAL GS-250K	<u>GS-1,250K</u>	NATURAL GAS VEHICLES	LES	CONTRACT DEMAND	TPS	TOTAL
1	NO. OF BILLS	507	555	62	0	36	12	156	1,293,39
2	THERM SALES	8,079,386	23,876,304	14,748,734	0	5,849,394	16,450,792		140,226,18
3	UNBILLED THERM SALES								
4	TOTAL THERM SALES	8,079,386	23,876,304	14,748,734	0	5,849,394	16,450,792	0	140,226,18
5	CUSTOMER CHARGE REVENUE	\$126,750	\$166,500	\$31,000	\$0	\$18,000	\$4,800	\$62,400	\$13,798,36
6	SAFE REVENUE	\$517	\$607	\$66	\$0	\$0	\$0	\$0	\$931,83
7	BASE NON-FUEL REVENUE	\$1,610,247	\$4,681,307	\$2,190,898	\$0	\$804,431	\$781,546	\$187,439	\$34,295,32
8	UNBILLED BASE NON-FUEL REVENUE								9
9	TOTAL BASE NON-FUEL REVENUE	\$1,737,514	\$4,848,413	\$2,221,964	\$0	\$822,431	\$786,346	\$249,839	\$49,025,5
10	FUEL REVENUE	\$102,402	\$0	\$0	\$0	\$0	\$0	\$0	\$18,612,30
11	UNBILLED FUEL REVENUE								
12	TOTAL FUEL REVENUE	\$102,402	\$0	\$0	\$0	\$0	\$0	\$0	\$18,612,30
13	OTHER REVENUE ⁽¹⁾	\$413,990	\$915,167	\$119,047	\$0	\$0	\$2,047	\$0	\$12,301,06
14	TOTAL REVENUE	\$2,253,906	\$5,763,580	\$2,341,011	\$0	\$822,431	\$788,392	\$249,839	\$79,938,8
15	⁽¹⁾ OTHER REVENUE:								
16	CONNECT, DISCONNECT								\$822,98
17	OTHER	\$ 10,994	\$ 26,884	\$ 9,956			2046.52		\$1,632,8
18	GROSS RECEIPTS & FRANCHISE TAXE	\$195,244	\$324,662	\$109,092	\$0	\$0	\$0	\$0	\$4,515,21
19	ECCR	\$207,752	\$563,621	\$0	\$0	\$0	\$0	\$0	\$5,329,97
20	TOTAL	\$413,990	\$915,167	\$119,047	\$0	\$0	\$2,047	\$0	\$12,301,00
	RECONCILING ITEMS:								
	AEP Jurisictional Safe Amortization Unbilled Other		\$2,971,783 (\$182,647) (\$223,477) \$8,625						
	REVENUE (PER SCHEDULE C-3)		\$82,513,170						

FOR PROJECTED YEAR UNDER PRESENT RATES.

SCHEDULE E-1

FLORIDA PUBLIC SERVICE COMMISSION COMPANY: PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS

SUPPORTING SCHEDULES: C-3, C-4

EXPLANATION: THERM SALES AND REVENUES BY RATE SCHEDULE

COST OF SERVICE

PAGE 2 OF 6

TYPE OF DATA SHOWN: HISTORIC BASE YEAR DATA: 12/31/16 WITNESS: D. NIKOLICH

RECAP SCHEDULES: E-2, F-10

SCHEDULE E-	1						COST OF SE	RVICE							PAGE 3 OF 6	
FLORIDA PUBI COMPANY: DOCKET NO.:	LIC SERVICE COMMISSION PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS 20170179-GU					ANATION: THERM NDER PRESENT AND THE		TED FOR GRO	WTH IN BILLS					TYPE OF DATA HISTORIC BASI PROJECTED TE WITNESS: D. N	E YEAR DATA: 1 EST YEAR: 12	12/31/16 2/31/18
							SAI	ES AND TRAI	NSPORTATION	SERVICE:						
LINE NO.	_	<u>GS-1</u>	<u>GS-100</u>	RESIDENTIAL GS-220	<u>GS-600</u>	<u>GS-1.2K</u>	<u>GS-6K</u> L	GAS IGHTING	<u>GS-1</u>	<u>GS-100</u>	<u>GS-220</u>	COMM GS-600	ERCIAL GS-1.2K	<u>GS-6K</u>	<u>GS-25K</u>	<u>GS-60K</u>
1	NO. OF BILLS	406,366	606,380	191,291	9,696	1,936	0	3,936	9,416	3,166	5,602	6,736	34,991	28,538	3,795	883
2	THERM SALES	2,886,825	8,078,916	4,161,853	523,334	244,566	0	38,033	258,728	157,497	282,920	780,635	10,902,398	28,127,107	10,966,089	6,420,012
3	UNBILLED THERM SALES															
4	TOTAL THERM SALES	2,886,825	8,078,916	4,161,853	523,334	244,566	0	38,033	258,728	157,497	282,920	780,635	10,902,398	28,127,107	10,966,089	6,420,012
5	CUSTOMER CHARGE REVENUE	\$3,250,928	\$5,760,610	\$2,104,201	\$116,352	\$29,040	\$0	\$0	\$75,328	\$30,077	\$61,622	\$80,832	\$524,865	\$856,140	\$303,600	\$132,450
6	SAFE REVENUE	\$1,064,679	\$1,588,716	\$501,182	\$25,404	\$5,072	\$0	\$312	\$24,670	\$8,295	\$14,677	\$17,648	\$91,676	\$138,409	\$18,406	\$4,283
7	BASE NON-FUEL REVENUE	\$1,622,771	\$4,221,072	\$2,061,407	\$228,503	\$77,564	\$0	\$42,179	\$145,439	\$82,289	\$140,133	\$340,849	\$3,457,696	\$7,731,298	\$3,028,614	\$1,764,027
8	UNBILLED BASE NON-FUEL REVENUE															
9	TOTAL BASE NON-FUEL REVENUE	\$5,938,378	\$11,570,398	\$4,666,791	\$370,259	\$111,676	\$0	\$42,491	\$245,437	\$120,661	\$216,432	\$439,329	\$4,074,237	\$8,725,847	\$3,350,620	\$1,900,759
10	OTHER REVENUE	\$ 528,660	\$ 848,153	\$ 296,414 \$	19,012 \$	4,978 \$	- \$	131 \$	19,028	\$ 7,483 \$	\$ 13,326 \$	21,242	\$ 165,025	\$ 299,094	\$ 106,167	\$ 58,453
11	OFF-SYSTEM SALES															
12	TOTAL REVENUE	\$6,467,038	\$12,418,551	\$4,963,205	\$389,270	\$116,655	\$0	\$42,623	\$264,465	\$128,144	\$229,758	\$460,571	\$4,239,262	\$9,024,941	\$3,456,787	\$1,959,212
13	DIFF. IN NO. OF BILLS	85,885	4,735	(74,770)	(109)	142	(15)	1,563	1,759	(11)	421	646	726	(254)	(85)	29
14	DIFF. IN THERM SALES	839,794	558,965	(1,303,209)	41,611	53,257	(15,405)	23,179	31,142	(14,476)	32,943	88,737	749,676	2,407,043	447,444	(1,333,364)
15	DIFF. IN CUSTOMER CHARGE REVENUE	\$687,080	\$44,983	(\$822,470)	(\$1,308)	\$2,130	(\$450)	\$0	\$14,072	(\$105)	\$4,631	\$7,752	\$10,890	(\$7,620)	(\$6,800)	\$4,350
16	DIFF. IN BASE NON-FUEL REVENUE	\$1,997,410	\$1,500,707	(\$1,154,395)	\$35,371	\$22,834	(\$4,701)	\$33,648	\$50,858	(\$1,615)	\$31,957	\$59,839	\$316,159	\$754,956	\$130,129	(\$358,850)
17	DIFF. IN OTHER REVENUE	(\$580,507)	(\$1,928,712)	(\$1,344,580)	(\$75,313)	(\$22,689)	(\$1,916)	(\$1,934)	(\$46,971)	(\$35,282)	(\$56,146)	(\$94,117)	(\$977,752)	(\$2,016,647)	(\$769,609)	(\$511,471)
18	DIFF. IN TOTAL REVENUE	\$2,103,983	(\$383,023)	(\$3,321,445)	(\$41,250)	\$2,274	(\$7,067)	\$31,714	\$17,959	(\$37,001)	(\$19,558)	(\$26,526)	(\$650,703)	(\$1,269,311)	(\$646,280)	(\$865,971)

SCHEDULE E-1

FLORIDA PUBLIC SERVICE COMMISSION COMPANY: PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS DOCKET NO.: 20170179-GU

> SALES AND TRANSPORTATION SERVICE LINE COMMERCIAL NATURAL CONTRACT NO. GS-120K GS-250K GS-1,250K GAS VEHICLES LES DEMAND TPS TOTAL 1 NO. OF BILLS 612 600 48 0 36 12 156 1,314,196 2 THERM SALES 9,316,392 25,122,990 8,514,500 0 7,098,600 5,492,320 129,373,714 UNBILLED THERM SALES 3 0 4 TOTAL THERM SALES 9,316,392 25,122,990 8,514,500 0 7,098,600 5,492,320 0 129,373,714 CUSTOMER CHARGE REVENUE 5 \$153,000 \$180,000 \$24,000 \$0 \$18,000 \$4,800 \$62,400 \$13,768,245 6 SAFE REVENUE \$2,964 \$3,088 \$247 \$0 \$0 \$0 \$3,509,729 7 BASE NON-FUEL REVENUE \$1,837,360 \$4,751,391 \$1,472,746 \$0 \$957,144 \$164,770 \$200,066 \$34,327,318 8 UNBILLED BASE NON-FUEL REVENUE \$0 TOTAL BASE NON-FUEL REVENUE \$1,993,325 \$4,934,479 \$1,496,993 \$975,144 \$169,570 \$262,466 9 \$0 \$51,605,291 OTHER REVENUE 10 10.958 \$ 26.796 \$ 9.923 \$ \$0 \$ 2.040 \$0 \$ 2,436,882 \$ -11 OFF-SYSTEM SALES \$0 \$2.004.282 \$4.961.275 \$1.506.916 \$171.609 \$54,042,173 12 TOTAL REVENUE \$0 \$975,144 \$262.466 13 DIFF. IN NO. OF BILLS 105 45 (14) 0 0 0 0 20,798 DIFF. IN THERM SALES 1,237,006 1,246,687 1,249,206 (10,958,472) 14 (6,234,234) 0 0 (10,852,472) DIFF. IN CUSTOMER CHARGE REVENU \$0 \$0 15 \$26,250 \$13,500 (\$7,000) \$0 \$0 (\$30,115) 16 DIFF. IN BASE NON-FUEL REVENUE \$255,810 \$86.066 (\$724,971) \$0 \$152,712 (\$616,776) \$12,627 \$2,579,774 (\$403,032) (\$109,124) 17 DIFF. IN OTHER REVENUE (\$888,371) \$0 \$0 (\$7) \$0 (\$9,864,179) \$152,712 (\$120,971) (\$788,805) (\$841,095) (\$616,783) \$12,627 18 DIFF. IN TOTAL REVENUE \$0 (\$7,314,519)

PAGE 4 OF 6

TYPE OF DATA SHOWN: HISTORIC BASE YEAR DATA: 12/31/16 PROJECTED TEST YEAR: 12/31/18 WITNESS: D. NIKOLICH

COST OF SERVICE

EXPLANATION: THERM SALES AND REVENUES BY RATE SCHEDULE UNDER PRESENT RATES, ADJUSTED FOR GROWTH IN BILLS

AND THERMS, WITHOUT ANY RATE INCREASE.

SCHEDULE E-1						(COST OF SER	VICE							PAGE 5 OF 6	
FLORIDA PUBL COMPANY: DOCKET NO.:	IC SERVICE COMMISSION PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS 20170179-GU					ATION: THERM S. R PROPOSED RA AND THE	TES, ADJUST		WTH IN BILLS					TYPE OF DATA SHOWN: PROJECTED TEST YEAR: 12/31/18 WITNESS: D. NIKOLICH		
							SA	LES AND TRA	ANSPORTATIO	ON SERVICE:						
LINE NO.	_	<u>GS-1>RS-1</u>		RESIDENTIAL S-220>RS-100 GS	-600>RS-600 GS	-1.2K>RS-600 GS-	-6K>RS-600	GAS LIGHTING	<u>GS-1</u>	GS-100>GS-1	GS-220>GS-1		IERCIAL <u>GS-1.2K>GS-1</u>	<u>GS-6k</u>	<u>GS-25K</u>	<u>GS-60K>GS-25K</u>
1	NO. OF BILLS ⁽¹⁾	406,366	606,380	191,291	9,696	1,936	0	3,936	9,416	3,166	5,602	6,736	34,991	28,538	3,795	883
2	THERM SALES (2)	2,886,825	8,078,916	4,161,853	523,334	244,566	0	38,033	258,728	157,497	282,920	780,635	10,902,398	28,127,107	10,966,089	6,420,012
3	CUSTOMER CHARGE REVENUE	\$4,876,392	\$9,095,700	\$2,869,365	\$193,920	\$38,720	\$0	\$0	\$235,400	\$79,150	\$140,050	\$168,400	\$874,775	\$998,830	\$569,250	\$132,450
4	SAFE REVENUE															
5	DEMAND CHARGE															
6	BASE NON-FUEL REVENUE	\$1,470,896	\$3,323,410	\$1,712,054	\$210,469	\$98,357	\$0	\$28,339	\$103,582	\$63,054	\$113,267	\$312,527	\$4,364,768	\$10,073,650	\$3,708,916	\$2,171,356
7	FUEL REVENUE	\$1,558,885	\$4,362,615	\$2,247,400	\$282,600	\$132,065	\$0	\$20,538	\$139,713	\$85,048	\$152,777	\$421,543	\$5,887,295	\$15,188,638	\$5,921,688	\$3,466,807
8	OTHER REVENUE (3)	\$ 740,236	\$ 1,169,075 \$	\$ 395,766 \$	23,678 \$	5,828 \$	- \$	131	\$ 23,867	\$ 9,218	\$ 16,404	\$ 25,453	\$ 191,990	\$ 334,848	\$ 115,109	\$ 62,967
9	TOTAL REVENUE	\$8,646,409	\$17,950,800	\$7,224,585	\$710,667	\$274,969	\$0	\$49,009	\$502,561	\$236,470	\$422,498	\$927,922	\$11,318,829	\$26,595,965	\$10,314,963	\$5,833,580
10	INCREASE															
11	DOLLAR AMOUNT ⁽⁴⁾	\$3,146,556	\$3,518,494	(\$844,000)	\$93,179	\$54,062	(\$4,701)	\$19,627	\$168,269	\$29,146	\$85,246	\$126,889	\$1,673,456	\$3,436,436	\$1,172,783	\$107,164
12	DOLLAR AMOUNT ⁽⁵⁾	\$1,685,165	\$2,758,350	\$515,163	\$64,200	\$31,322	\$0	(\$13,840)	\$123,053	\$31,573	\$54,640	\$63,457	\$1,283,949	\$2,520,795	\$954,893	\$411,844
13	% NON-FUEL	79.84%	34.94%	-14.50%	27.82%	60.85%	-100.00%	221.94%	86.48%	23.84%	46.21%	33.44%	44.53%	43.11%	36.42%	4.74%
14	% TOTAL	52.13%	21.36%	-8.36%	14.10%	25.79%	-33.90%	109.05%	49.35%	14.10%	23.87%	16.77%	20.42%	22.37%	22.58%	2.82%

⁽¹⁾ REFLECTS INCREASE IN BILLS FOR THE YEAR THE NEW RATES ARE EXPECTED TO BE IN EFFECT.
 ⁽²⁾ REFLECTS INCREASE IN CONSUMPTION FOR THE YEAR THE NEW RATES ARE EXPECTED TO BE IN EFFECT.
 ⁽³⁾ OTHER REVENUE CONSISTS OF THE FOLLOWING ITEMS:

15 16 17

			PRESENT				PROF	POSED		
	SERVICE CHARGES	NUMBER	CHARGE	F	REVENUE	NUMBER	CHARGE	AFTER HOURS	R	EVENUE
18	CONNECTION CHARGE	13,383	\$50/\$110	\$	680,920	13,383	\$80/\$150	\$100/\$200	\$	1,121,632
19	COLLECTION IN LIEU OF DISCONNECT	13,170	\$20	\$	274,840	13,170	\$25	\$32	\$	331,675
20	RECCONNECT CHARGE	3,136	\$37/\$80	\$	142,069	3,136	\$40/\$80	\$50/\$100	\$	150,523
21	BAD CHECKS	1,511	\$25	\$	38,096	1,511			\$	37,775
22	LATE PAYMENT CHARGES		\$5 or 1.5%	\$	1,126,819		\$5 or 1.5%		\$	1,107,835
23	DAMAGE BILLING			\$	192,930				\$	192,297
24	CHANGE OF ACCOUNT		\$20	\$	-		\$20		\$	-
25	METER READ ONLY	6,587		\$	-	6,587	\$15	\$22	\$	100,766
26	TEMPORARY DISCONNET	2,916		\$	-	2,916	\$35	\$45	\$	103,562
27	FAILED TRIP CHARGE	911		\$	-	911	\$20		\$	18,220
28	Total			\$	2,455,674			-	\$	3,164,285

29

⁽⁴⁾ HISTORIC BASE YEAR VS PROJECTED TEST YEAR
⁽⁵⁾ HISTORIC BASE YEAR ADJUSTED FOR GROWTH VS PROJECTED TEST YEAR 30

SUPPORTING SCHEDULES: G-6 p.2, H-1 p.1-2

RECAP SCHEDULES: E-2, H-2 p.9-10

SCHEDULE E-1	1									COST OF SERVICE	PAGE 6 OF 6	6
COMPANY:	JC SERVICE COMMISSION PIVOTAL UTILITY HOLDINGS, INC. DB/A FLORIDA CITY GAS 20170179-GU		PIVOTAL UTILITY H D/B/A FLORIDA CIT 20170179-GU		2.					N: THERM SALES AND REVENUES BY RATE SCHEDULE OPOSED RATES, ADJUSTED FOR GROWTH IN BILLS AND THERMS, WITH RATE INCREASE.	TYPE OF DATA SHOWN: PROJECTED TEST YEAR: WITNESS: D. NIKOLICH	12/31/18
		SALES AN	O TRANSPORTATIO	N SERVICE								
LINE NO.	_	<u>GS-120K</u>	COMMERCIAL GS-250K>GS-120K	<u>GS-1,250K</u>	NATURAL GAS VEHICLES	LES	CONTRACT DEMAND	TPS	TOTAL			
1	NO. OF BILLS (1)	612	600	48	0	36	12	156	1,314,196			
2	THERM SALES (2)	9,316,392	25,122,990	8,514,500	0	7,098,600	5,492,320		129,373,714			
3	CUSTOMER CHARGE REVENUE	\$183,600	\$180,000	\$24,000	\$0	\$18,000	\$6,000	\$62,400	\$20,746,402			
4	SAFE REVENUE											
5	DEMAND CHARGE	\$3,035,835	\$8,605,062	\$8,592,133		\$1,777,526			\$22,010,556			
6	BASE NON-FUEL REVENUE	\$5,572,837	\$15,446,452	\$9,789,234	\$0	\$998,032	\$393,040	\$204,349	\$60,158,590			
7	FUEL REVENUE				\$0				\$39,867,612			
8	OTHER REVENUE (3)	\$ 10,958	\$ 26,796	\$ 9,923	\$0	\$0	\$ 2,040		\$3,164,285			
9	TOTAL REVENUE	\$8,803,231	\$24,258,310	\$18,415,291	\$0	\$2,793,558	\$401,080	\$266,749	\$145,947,446			
10	INCREASE											
11	DOLLAR AMOUNT ⁽⁴⁾	\$7,065,717	\$19,409,897	\$16,193,327	\$0	\$1,971,127	(\$385,265)	\$16,910	\$57,054,317			
12	DOLLAR AMOUNT ⁽⁵⁾	\$6,801,913	\$19,300,123	\$16,908,622	\$0	\$1,818,414	\$229,471	\$4,283	\$55,547,390			
13	% NON-FUEL	406.66%	400.34%	728.78%	0.00%	239.67%	-48.99%	6.77%	116.38%			
14	% TOTAL	313.49%	336.77%	691.72%	0.00%	239.67%	-48.87%	6.77%	71.37%			

⁽¹⁾ REFLECTS INCREASE IN BILLS FOR THE YEAR THE NEW RATES ARE EXPECTED TO BE IN EFFECT.
 ⁽²⁾ REFLECTS INCREASE IN CONSUMPTION FOR THE YEAR THE NEW RATES ARE EXPECTED TO BE IN EFFECT.
 ⁽³⁾ OTHER REVENUE CONSISTS OF THE FOLLOWING ITEMS:

15 16 17

27 29 ⁽⁴⁾ HISTORIC BASE YEAR VS PROJECTED TEST YEAR ⁽⁵⁾ HISTORIC BASE YEAR ADJUSTED FOR GROWTH VS PROJECTED TEST YEAR

RECAP SCHEDULES: E-2, H-2 p.9-10

FLOF		UTILITY HOLDINGS, INC. DRIDA CITY GAS	OPC ROG 8-175				PRESENT R	ATES, PRESENT RATES AR, AND FINAL RATES			T F F	PAGE 1 OF 3 TYPE OF DATA SH IISTORIC BASE Y PROJECTED TEST VITNESS: D. NIKI	'EAR: 12/31/16 T YEAR: 12/31/18
			PRE	SENT RATE STR	UCTURE	PRESENT R	ATES ADJ FO	OR GROWTH ONLY		FINAL PF	ROPOSED RATE ST	RUCTURE	
LINE NO.	RATE SCHEDULE		BILLING DETERMINANTS	PRESENT RATES	REVENUE	BILLING DETERMINANTS	PRESENT RATES	REVENUE	RATE SCHEDU	LE	BILLING DETERMINANTS	PROPOSED RATES	REVENUE
1 2 3 4	RESIDENTIAL GS-1	CUSTOMER CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	320,481 2,047,031 320,481	\$8.00000 \$0.56213 \$2.62000	\$2,563,848 \$1,150,698 \$839,660 \$4,554,206	406,366 2,886,825 406,366	\$8.00000 \$0.56213 \$2.62000	\$3,250,928 \$1,622,771 \$1,064,679 \$5,938,378	RESIDENTIAL RS-1	CUSTOMER CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	406,366 2,886,825 406,366	\$12.0000 \$0.5095 \$0.0000 _	\$4,876,392 \$1,470,896 \$0 \$6,347,288
5 6 7 8	GS-100	CUSTOMER CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	601,645 7,519,951 601,645	\$9.50000 \$0.52248 \$2.62000	\$5,715,628 \$3,929,024 <u>\$1,576,310</u> \$11,220,961	606,380 8,078,916 606,380	\$9.50000 \$0.52248 \$2.62000	\$5,760,610 \$4,221,072 <u>\$1,588,716</u> \$11,570,398	RS-100	CUSTOMER CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	606,380 8,078,916 606,380	\$15.0000 \$0.4114 \$0.0000	\$9,095,700 \$3,323,410 <u>\$0</u> \$12,419,110
9 10 11 12	GS-220	CUSTOMER CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	266,061 5,465,062 266,061	\$11.00000 \$0.49531 \$2.62000 _	\$2,926,671 \$2,706,900 \$697,080 \$6,330,651	191,291 4,161,853 191,291	\$11.00000 \$0.49531 \$2.62000	\$2,104,201 \$2,061,407 \$501,182 \$4,666,791	RS-100	CUSTOMER CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	191,291 4,161,853 191,291	\$15.0000 \$0.4114 \$0.0000	\$2,869,365 \$1,712,054 \$0 \$4,581,419
13 14 15 16	GS-600	CUSTOMER CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	9,805 481,723 9,805	\$12.00000 \$0.43663 \$2.62000 _	\$117,660 \$210,335 \$25,689 \$353,684	9,696 523,334 9,696	\$12.00000 \$0.43663 \$2.62000	\$116,352 \$228,503 \$25,404 \$370,259	RS-600	CUSTOMER CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	9,696 523,334 9,696	\$20.0000 \$0.4022 \$0.0000	\$193,920 \$210,469 \$0 \$404,389
17 18 19 20	GS-1.2K	CUSTOMER CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	1,794 191,309 1,794	\$15.00000 \$0.31715 \$2.62000	\$26,910 \$60,673 \$4,700 \$92,284	1,936 244,566 1,936	\$15.00000 \$0.31715 \$2.62000	\$29,040 \$77,564 \$5,072 \$111,676	RS-600	CUSTOMER CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	1,936 244,566 1,936	\$20.0000 \$0.4022 \$0.0000	\$38,720 \$98,357 \$0 \$137,077
21 22 19 24	GS-6K	CUSTOMER CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	15 15,405 15	\$30.00000 \$0.27487 \$4.85000 _	\$450 \$4,234 \$73 \$4,684	0 0 0	\$30.00000 \$0.27487 \$4.85000	\$0 \$0 \$0 \$0	RS-600	CUSTOMER CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	0 0 0	\$20.0000 \$0.4022 \$0.0000	\$0 \$0 \$0
25 26 27 28	GAS LIGHTING	CUSTOMER CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	2,373 14,854 2,373	\$0.00000 \$0.59535 \$2.62000	\$0 \$8,843 \$6,217 \$15,061	3,936 38,033 3,936	\$0.00000 \$0.59535 \$2.62000	\$0 \$42,179 \$10,312 \$52,492	GAS LIGHTING	CUSTOMER CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	3,936 38,033 3,936	\$0.0000 \$0.4000 \$0.0000	\$0 \$28,339 \$0 \$28,339

FLOF	PANY: PIVOTAL	/ICE COMMISSION L UTILITY HOLDINGS, INC. ORIDA CITY GAS 9-GU	OPC ROG 8-175		PROVIDE REVENUES		T PRESENT RA	TES, PRESENT RATES R, AND FINAL RATES			T F F	PAGE 2 OF 3 TYPE OF DATA SHO IISTORIC BASE YE PROJECTED TEST VITNESS: D. NIKO	AR: 12/31/16 YEAR: 12/31/18
			PRE	SENT RATE STRU	CTURE	PRESENT R	ATES ADJ FOR	R GROWTH ONLY		FINAL PF	ROPOSED RATE ST	RUCTURE	
LINE NO.	RATE SCHEDULI	<u>=</u>	BILLING DETERMINANTS	PRESENT RATES	REVENUE	BILLING DETERMINANTS	PRESENT RATES	REVENUE	RATE SCHE	DULE	BILLING DETERMINANTS	PROPOSED RATES	REVENUE
	COMMERCIAL SA	ALES AND TRANSPORTATION	1						COMMERCI	AL SALES AND TRANSPOR			
1	GS-1	CUSTOMER CHARGE	7,657	\$8.00000	\$61,256	9,416	\$8.00000	\$75,328	GS-1	CUSTOMER CHARGE	9,416	\$25.0000	\$235,400
2		ENERGY CHARGE	227,586	\$0.56213	\$127,933	258,728	\$0.56213	\$145,439		ENERGY CHARGE	258,728	\$0.4003	\$103,582
3 4		SAFE CHARGE TOTAL	7,657	\$2.62000	\$20,061 \$209,250	9,416	\$2.62000	\$24,670 \$245,437		SAFE CHARGE TOTAL	9,416	\$0.0000	\$0 \$338,982
4		TOTAL		_	\$209,250		—	\$240,437		TOTAL			\$330,902
5	GS-100	CUSTOMER CHARGE	3,177	\$9.50000	\$30,182	3,166	\$9.50000	\$30,077	GS-1	CUSTOMER CHARGE	3,166	\$25.0000	\$79,150
6		ENERGY CHARGE	171,974	\$0.52248	\$89,853	157,497	\$0.52248	\$82,289		ENERGY CHARGE	157,497	\$0.4003	\$63,054
7 8		SAFE CHARGE TOTAL	3,177	\$2.62000	\$8,324 \$128,358	3,166	\$2.62000	\$8,295 \$120,661	-	SAFE CHARGE TOTAL	3,166	\$0.0000	\$0 \$142,204
0		TOTAL			\$128,338			\$120,001		TOTAL			\$142,204
9	GS-220	CUSTOMER CHARGE	5,181	\$11.00000	\$56,991	5,602	\$11.00000	\$61,622	GS-1	CUSTOMER CHARGE	5,602	\$25.0000	\$140,050
10		ENERGY CHARGE	249,977	\$0.49531	\$123,816	282,920	\$0.49531	\$140,133		ENERGY CHARGE	282,920	\$0.4003	\$113,267
11 12		SAFE CHARGE TOTAL	5,181	\$2.62000	\$13,574 \$194,381	5,602	\$2.62000	\$14,677 \$216,432	-	SAFE CHARGE TOTAL	5,602	\$0.0000	\$0 \$253,317
12		TOTAL			\$194,381			\$210,432		TOTAL			\$253,317
13	GS-600	CUSTOMER CHARGE	6,090	\$12.00000	\$73,080	6,736	\$12.00000	\$80,832	GS-1	CUSTOMER CHARGE	6,736	\$25.0000	\$168,400
14		ENERGY CHARGE	691,898	\$0.43663	\$302,103	780,635	\$0.43663	\$340,849		ENERGY CHARGE	780,635	\$0.4003	\$312,527
15		SAFE CHARGE	6,090	\$2.62000	\$15,956	6,736	\$2.62000	\$17,648	-	SAFE CHARGE	6,736	\$0.0000	\$0
16		TOTAL			\$391,139			\$439,329		TOTAL			\$480,927
17	GS-1.2K	CUSTOMER CHARGE	34,265	\$15.00000	\$513,975	34,991	\$15.00000	\$524,865	GS-1	CUSTOMER CHARGE	34,991	\$25.0000	\$874,775
18		ENERGY CHARGE	10,152,722	\$0.31715	\$3,219,936	10,902,398	\$0.31715	\$3,457,696		ENERGY CHARGE	10,902,398	\$0.4003	\$4,364,768
19		SAFE CHARGE TOTAL	34,265	\$2.62000	\$89,774 \$3,823,685	34,991	\$2.62000	\$91,676 \$4,074,237	-	SAFE CHARGE TOTAL	34,991	\$0.0000	\$0 \$5,239,543
20		TOTAL		_	⊉3,8∠3,88 0		_	\$4,074,237		TOTAL			\$0,239,043
21	GS-6K	CUSTOMER CHARGE	28,792	\$30.00000	\$863,760	28,538	\$30.00000	\$856,140	GS-6K	CUSTOMER CHARGE	28,538	\$35.0000	\$998,830
22		ENERGY CHARGE	25,720,064	\$0.27487	\$7,069,674	28,127,107	\$0.27487	\$7,731,298		ENERGY CHARGE	28,127,107	\$0.3581	\$10,073,650
23 24		SAFE CHARGE TOTAL	28,792	\$4.85000	\$139,641 \$8,073,075	28,538	\$4.85000	\$138,409 \$8,725,847		SAFE CHARGE TOTAL	28,538	\$0.0000	\$0 \$11,072,480
24		TOTAL		_	\$0,073,075		-	40,723,047		TOTAL			\$11,072,400
25	GS-25K	CUSTOMER CHARGE	3,880	\$80.00000	\$310,400	3,795	\$80.00000	\$303,600	GS-25K	CUSTOMER CHARGE	3,795	\$150.0000	\$569,250
26		ENERGY CHARGE	10,518,645	\$0.27618	\$2,905,039	10,966,089	\$0.27618	\$3,028,614		ENERGY CHARGE	10,966,089	\$0.3382	\$3,708,916
27 28		SAFE CHARGE TOTAL	3,880	\$4.85000	\$18,818 \$3,234,257	3,795	\$4.85000	\$18,406 \$3,350,620		SAFE CHARGE TOTAL	3,795	\$0.0000	\$0 \$4,278,166
20		101712			\$0,201,201		_	\$0,000,020		101112			¢ 1,210,100
29	GS-60K	CUSTOMER CHARGE	854	\$150.00000	\$128,100		\$150.00000	\$132,450	GS-25K	CUSTOMER CHARGE	883	\$150.0000	\$132,450
30		ENERGY CHARGE	7,753,377 854	\$0.27477 \$4,85000	\$2,130,395	6,420,012	\$0.27477 \$4.85000	\$1,764,027		ENERGY CHARGE SAFE CHARGE	6,420,012	\$0.3382	\$2,171,356
31 32		SAFE CHARGE TOTAL	004	\$4.85000	\$4,142 \$2,262,637	883	\$4.85000	\$4,283 \$1,900,759		TOTAL	883	\$0.0000	\$0 \$2,303,806
33	GS-120K	CUSTOMER CHARGE	507	\$250.00000	\$126,750		\$250.00000	\$153,000	GS-120K	CUSTOMER CHARGE	612	\$300.0000	\$183,600
34 35		DEMAND CHARGE ENERGY CHARGE	516,160 8,079,386	\$0.28900 \$0.18084	\$149,170 \$1,461,076	527,971 9,316,392	\$0.28900 \$0.18084	\$152,584 \$1,684,776		DEMAND CHARGE ENERGY CHARGE	527,971 9,316,392	\$5.7500 \$0.2723	\$3,035,835 \$2,537,002
36		SAFE CHARGE	507	\$4.85000	\$1,401,070	9,310,392 612	\$4.85000	\$2,968		SAFE CHARGE	527,971	\$0.0000	\$2,557,002 \$0
37		TOTAL		· · · ·	\$1,612,706			\$1,840,328		TOTAL		· · · ·	\$5,572,837
38	GS-250K	CUSTOMER CHARGE	555	\$300.00000	\$166.500	600	\$300.00000	\$180.000	GS-120K	CUSTOMER CHARGE	600	\$300.0000	\$180,000
39	20 2001	DEMAND CHARGE	1,995,610	\$0.28900	\$576,731	1,496,532	\$0.28900	\$432,498	30 1201	DEMAND CHARGE	1,496,532	\$5.7500	\$8,605,062
40		ENERGY CHARGE	23,876,304	\$0.17191	\$4,104,575	25,122,990	\$0.17191	\$4,318,893		ENERGY CHARGE	25,122,990	\$0.2723	\$6,841,390
41		SAFE CHARGE	555	\$4.85000	\$2,692	600	\$4.85000	\$2,910	ł	SAFE CHARGE	1,496,532	\$0.0000	\$0
42		TOTAL			\$4,683,998			\$4,754,301		TOTAL			\$15,446,452

FLOR		JTILITY HOLDINGS, INC. RIDA CITY GAS	OPC ROG 8-175				T PRESENT R	ATES, PRESENT RATES AR, AND FINAL RATES				PAGE 3 OF 3 TYPE OF DATA SH HISTORIC BASE Y PROJECTED TES WITNESS: D. NIK	'EAR: 12/31/16 T YEAR: 12/31/18
			PRE	SENT RATE STR	UCTURE	PRESENT R	RATES ADJ FO	OR GROWTH ONLY		FINAL PR	ROPOSED RATE ST	RUCTURE	
LINE NO.	RATE SCHEDULE		BILLING DETERMINANTS	PRESENT RATES	REVENUE	BILLING DETERMINANTS	PRESENT RATES	REVENUE	RATE SCHEDU	E	BILLING DETERMINANTS	PROPOSED RATES	REVENUE
1 2 3 4 5		CUSTOMER CHARGE DEMAND CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	62 1,342,095 14,748,734 62	\$500.00000 \$0.28900 \$0.12225 \$4.85000	\$31,000 \$387,866 \$1,803,033 <u>\$301</u> \$2,191,199	48 1,494,284 8,514,500 48	\$500.00000 \$0.28900 \$0.12225 \$4.85000	\$24,000 \$431,848 \$1,040,898 <u>\$233</u> \$1,472,979	GS-1,250K	CUSTOMER CHARGE DEMAND CHARGE ENERGY CHARGE SAFE CHARGE TOTAL	48 1,494,284 8,514,500 1,494,284	\$500.0000 \$5.7500 \$0.1406 \$0.0000	\$24,000 \$8,592,133 \$1,197,101 \$0 \$9,789,234
6 7 8	VEHICLES	CUSTOMER CHARGE ENERGY CHARGE TOTAL	0 0	\$15.00000 \$0.23232 _ =	\$0 \$0 \$0	0 0	\$15.00000 \$0.23232	• •	NATURAL GAS VEHICLES	CUSTOMER CHARGE ENERGY CHARGE TOTAL	0 0	\$25.00000 \$0.40035 =	\$0 \$0 \$0
9 10 11 12		CUSTOMER CHARGE DEMAND CHARGE ENERGY CHARGE TOTAL	36 309,145 5,849,394	\$500.00000 \$0.28900 \$0.12225 _ =	\$18,000 \$89,343 \$715,088 \$822,431	36 309,135 7,098,600	\$500.00000 \$0.28900 \$0.12225	\$18,000 \$89,340 \$867,804 \$975,144	LES	CUSTOMER CHARGE DEMAND CHARGE ENERGY CHARGE TOTAL	36 309,135 7,098,600	\$500.00000 \$5.75000 \$0.14060	\$18,000 \$1,777,526 \$998,032 \$2,793,558
13 14 15	DEMAND	CUSTOMER CHARGE ENERGY CHARGE TOTAL	12 16,450,792	\$400.00000 \$0.04751 _ =	\$4,800 \$781,546 \$786,346	12 5,492,320	\$400.00000 \$0.03000	\$4,800 \$164,770 \$169,570	CONTRACT DEMAND	CUSTOMER CHARGE ENERGY CHARGE TOTAL	12 5,492,320	\$500.00000 \$0.07156 _ =	\$6,000 \$393,040 \$399,040
16 17 19		CUSTOMER CHARGE Per CUSTOMER CHARGE TOTAL	156 31,662	\$400.0000 \$5.9200 -	\$62,400 \$187,439 \$249,839	156 33,795	\$400.00000 \$5.92000	\$62,400 \$200,066 \$262,466	TPS	CUSTOMER CHARGE Per CUSTOMER CHAR TOTAL	156 (33,795	\$400.0000 \$6.05	\$62,400 \$204,349 \$266,749
20	GRAND TOTAL				\$50,407,717			\$51,258,103					\$79,501,360

SCHEDULE E-3	COST STUDY - CONNECTION AND RECONNECTIONS	PAGE 1 OF 7
FLORIDA PUBLIC SERVICE COMMISSION		TYPE OF DATA SHOWN:
COMPAN` PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS	EXPLANATION: PROVIDE THE AMOUNT OF TIME AND THE COST FOR THE INITIAL CONNECTION OF A RESIDENTIAL CUSTOMER	HISTORIC BASE YEAR DATA: 12/31/16
DOCKET I 20170179-GU		WITNESS: E. IGWILO

Line	Description	Time Involved	Cost	After Hours
1 Customer Contact	Initial Contact in Call Center, Confirm Tenant and Premise Information, Explain Billing Terms, Establish Deposit Requirements, Generation of Turn On Service Order, and Backending of Completed Order.	7.3 Minutes	\$10.06	\$10.06
2 Physical Turn On	Record Initial Reading, Drop Test, Light Appliances, Complete Service Order (Travel & Overheads Included	55.25 Minutes	\$45.26	\$65.07
3 Materials	Miscellaneous Fittings		\$46.79	\$46.79
4 Outside Contractor Cost	\$30 per hour plus material and overhead cost.		<u>\$0.00</u>	
5 Total	Cost to Initiate New Service		\$102.11	\$121.92

SUPPORTING SCHEDULES:

RECAP SCHEDULES:

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SCHEDULE E-3	COST STUDY - CONNECTION AND RECONNECTIONS	PAGE 2 OF 7
FLORIDA PUBLIC SERVICE COMMISSION COMPAN' PIVOTAL UTILITY HOLDINGS, INC.	EXPLANATION: PROVIDE THE AMOUNT OF TIME AND THE COST FOR THE	TYPE OF DATA SHOWN: HISTORIC BASE YEAR DATA: 09/30/02

WITNESS: E. IGWILO

			Basic		Сог	mplex	
Line	Description	Time Involved	Cost	After Hours	Time Involved	<u>Cost</u>	After Hours
1 Customer Contact	Initial Contact in Call Center, Confirm Tenant and Premise Information, Explain Billing Terms, Establish Deposit Requirements, Generation of Turn On Service Order, and Backending of Completed Order	7.3 Minutes	\$10.06	\$10.06	7.3 Minutes	\$10.06	\$10.06
2 Physical Turn On	Record Initial Reading, Drop Test, Light Multiple Appliances, Complete Service Order (Travel & Overheads Included in Rate)	78 Minutes	\$63.91	\$91.87	106.9 Minutes	\$93.48	\$134.74
3 Materials	Miscellaneous Fittings		\$80.37	\$80.37		\$106.94	\$106.94
4 Outside Contractor Cost	\$80 per hour plus material and overhead cost.			<u>\$0.00</u>		<u>\$0.00</u>	<u>\$0.00</u>
5 Total	Cost to Initiate New Service	Basic	<u>\$154.34</u>	<u>\$182.30</u>	Complex	<u>\$210.48</u>	<u>\$251.74</u>

INITIAL CONNECTION OF A COMMERCIAL CUSTOMER

SUPPORTING SCHEDULES:

D/B/A FLORIDA CITY GAS

DOCKET I 20170179-GU

SCHEDULE E-3	COST STUDY - CONNECTION AND RECONNECTIONS	PAGE 3 OF 7
FLORIDA PUBLIC SERVICE COMMISSION COMPAN' PIVOTAL UTILITY HOLDINGS, INC.	EXPLANATION: PROVIDE THE AMOUNT OF TIME AND THE COST FOR THE INITIAL	TYPE OF DATA SHOWN: HISTORIC BASE YEAR DATA: 09/30/02
D/B/A FLORIDA CITY GAS DOCKET I 20170179-GU	RECONNECTION OF A RESIDENTIAL CUSTOMER AFTER DISCONNECTION FOR CAUSE.	WITNESS: E. IGWILO

			Basic	
Line	Description	Time Involved	Cost	After Hours
1 Customer Contact	Initial Contact in Call Center, Confirm Tenant and Premise Information, Explain Billing Terms, Establish Deposit Requirements, Generation of Turn On Service Order, and Backending of Completed Service Order	4 Minutes	\$5.51	\$5.51
2 Physical Turn On	Record Initial Reading, Drop Test, Light Appliances, Complete Service Order (Travel & Overheads Included in Rate)	43.56 Minutes	\$35.69	\$51.31
3 Materials	Miscellaneous fittings		\$3.52	\$3.52
4 Outside Contractor Cost	\$30 per hour plus material and overhead cost.			<u>\$0.00</u>
5 Total	Cost to Reconnect Established Service	Basic	<u>\$44.72</u>	<u>\$60.34</u>

SUPPORTING SCHEDULES:

SCHEDULE E-3	COST STUDY - CONNECTION AND RECONNECTIONS	PAGE 4 OF 7
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: PROVIDE THE AMOUNT OF TIME AND THE COST FOR THE INITIAL	TYPE OF DATA SHOWN

FLORIDA PUBLIC SERVICE COMMISSION COMPAN' PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS DOCKET I 20170179-GU EXPLANATION: PROVIDE THE AMOUNT OF TIME AND THE COST FOR THE INITIAL RECONNECTION OF A COMMERCIAL CUSTOMER AFTER DISCONNECTION FOR CAUSE.

TYPE OF DATA SHOWN: HISTORIC BASE YEAR DATA: 09/30/02

WITNESS: E. IGWILO

			Basic		Co	mplex	
Line	<u>Description</u>	Time Involved	Cost	After Hours	Time Involved	<u>Cost</u>	After Hours
1 Customer Contact	Initial Contact in Call Center, Confirm Tenant and Premise Information, Explain Billing Terms, Establish Deposit Requirements, Generation of Turn On Service Order, and Backending of Completed Service Order	4 Minutes	\$5.51	\$5.51	12 Minutes	\$16.53	\$16.53
2 Physical Turn On	Record Initial Reading, Drop Test, Light Multiple Appliances, Complete Service Order (Travel & Overheads Included in Rate)	52.5 Minutes	\$43.01	\$61.83	92.23 Minutes	\$80.58	\$116.14
3 Materials	Miscellaneous Fittings		\$4.07	\$4.07		\$4.07	\$4.07
4 Outside Contractor Cost	\$80 per hour plus material and overhead cost.			<u>\$0.00</u>		<u>\$0.00</u>	<u>\$0.00</u>
5 Total	Cost to Reconnect Established Service	Basic	<u>\$52.59</u>	<u>\$71.41</u>	Complex	<u>\$101.18</u>	<u>\$136.74</u>

SUPPORTING SCHEDULES:

SCHEDULE E-3	COST STUDY - CONNECTION AND RECONNECTIONS	PAGE 5 OF 7
FLORIDA PUBLIC SERVICE COMMISSION		TYPE OF DATA SHOWN:
COMPAN' PIVOTAL UTILITY HOLDINGS. INC.	EXPLANATION: PROVIDE THE COST OF DISCONNECTING SERVICE AND	HISTORIC BASE YEAR DATA: 09/30/02

COMPAN' PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS DOCKET I 20170179-GU EXPLANATION: PROVIDE THE COST OF DISCONNECTING SERVICE / THE COST OF BILL COLLECTION IN LIEU OF DISCONNECTION.

WITNESS: E. IGWILO

		Disconnectio	on	Bill Collection	
ine	Description	Time Involved	Cost	Time Involved	Cost
1 Customer Contact	Return Check Processing, Generate Disconnect Service Order OR Bill Collection Service Order, and Backending of Completed Service Order	5.93 Minutes	\$8.17	5.93 Minutes	\$8.17
2 Physical Turn Off OR Collection	Record Reading, Disconnect or Collect, Complete Service Order (Travel & Overheads Included in Rate)	32.28 Minutes	\$17.25	28.098 Minutes	\$15.01
3 Materials	Bullet, Lock, Shell, Caps		\$11.80		\$0.00
4 Outside Contractor Cost	N/A		<u>\$0.00</u>		<u>\$0.00</u>
5 Total	Cost to Disconnect Established Service		<u>\$37.22</u>		<u>\$23.18</u>
	Cost to Reconnect: See Sheets 3 of 6 and 4 of 6				

SUPPORTING SCHEDULES:

LORIDA PUBLIC SERVICE COMMISSION EXPLANATION: PROVIDE THE ADMINISTRATIVE COSTS FOR NAME SERVICE AND COMPAN' PIVOTAL UTILITY HOLDINGS, INC. AND /OR BILLING ADDRESS CHANGES. (METER READ ONLY) D/B/A FLORIDA CITY GAS COCKET I 20170179-GU			TYPE OF DATA SHOWN: HISTORIC BASE YEAR DATA: 09/30/02 WITNESS: E. IGWILO	
Line	Description	Time Involved	Cost	
1 Customer Contact	Initial Contact in Call Center, Confirm Tenant and Premise Information, Explain Billing Terms, Establish Deposit Requirements, Generation of Turn On/RLO Service Order, and Backending of Completed Service Order	1.5 Minutes	\$2.07	
2 Read and Leave Ope	en Record Reading, Complete Service Order (Travel & Overheads Included in Rate)	28.28 Minutes	\$15.11	
3 Materials	Paint and Soap		\$2.09	
4 Outside Contractor Cost	NA		<u>\$0.00</u>	
5 Total	Cost to Establish New Tenant at an		\$19.27	

COST STUDY - CONNECTION AND RECONNECTIONS

SUPPORTING SCHEDULES:

Established Premise

SCHEDULE E-3

RECAP SCHEDULES

PAGE 6 OF 7

SCHEDULE E-3	COST STUDY - CONNECTION AND RECONNECTIONS	PAGE 7 OF 7
FLORIDA PUBLIC SERVICE COMMISSION		TYPE OF DATA SHOWN:

COMPAN[®] PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS DOCKET I 20170179-GU EXPLANATION: PROVIDE THE COST OF TEMPORARILY DISCONNECTING SERVICE PER CUSTOMER REQUEST TYPE OF DATA SHOWN: HISTORIC BASE YEAR DATA: 09/30/02

WITNESS: E. IGWILO

		Disconnection		
Description	Time Involved	Cost	After Hours	
Initial Contact in Call Center, Confirm Tenant and Premise Information, Generate Disconnect Service Order.	6.15 Minutes	\$8.47	\$8.47	
Record Reading, Disconnect, Complete Service Order (Travel & Overheads Included in Rate) Backending of Completed Service Order	34.49 Minutes	\$18.43	\$25.88	
Bullet, Lock, Shell, Caps		\$11.80	\$11.80	
NA		<u>\$0.00</u>	<u>\$0.00</u>	
Cost to Disconnect Established Service		<u>\$38.70</u>	<u>\$46.15</u>	
Cost to Reconnect: See Sheets 3 of 7 and 4 of 7				
	Initial Contact in Call Center, Confirm Tenant and Premise Information, Generate Disconnect Service Order. Record Reading, Disconnect, Complete Service Order (Travel & Overheads Included in Rate) Backending of Completed Service Order Bullet, Lock, Shell, Caps NA Cost to Disconnect Established Service Cost to Reconnect: See Sheets 3 of	Description Time Involved Initial Contact in Call Center, Confirm 6.15 Minutes Tenant and Premise Information, 6.15 Minutes Generate Disconnect Service Order. 34.49 Minutes Record Reading, Disconnect, 34.49 Minutes Complete Service Order (Travel & 0verheads Included in Rate) Backending of Completed Service 0rder Bullet, Lock, Shell, Caps NA Cost to Disconnect Established Service Cost to Reconnect: See Sheets 3 of 1000000000000000000000000000000000000	DescriptionTime InvolvedCostInitial Contact in Call Center, Confirm6.15 Minutes\$8.47Tenant and Premise Information, Generate Disconnect Service Order.34.49 Minutes\$18.43Record Reading, Disconnect, Complete Service Order (Travel & Overheads Included in Rate) Backending of Completed Service Order34.49 Minutes\$18.43Bullet, Lock, Shell, Caps\$11.80NA\$0.00Cost to Disconnect Established Service\$38.70Cost to Reconnect: See Sheets 3 of\$1	

SUPPORTING SCHEDULES:

SCHEDULE E-4	COST OF SERVICE	PAGE 1 OF 1
FLORIDA PUBLIC SERVICE COMMISSION COMPANY: CITY GAS COMPANY OF FLORIDA A DIVISION OF NUI UTILITIES DOCKET NO.: 20170179-GU	EXPLANATION: PROVIDE THE CALCULATION OF SYSTEM PEAK MONTHLY SALES & TRANPORTATION VOLUMES BY RATE CLASS.	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: 12/31/16 PROJECTED TEST YEAR: 12/31/18 WITNESS: D. NIKOLICH

SYSTEM MONTHLY SALES & TRANSPORTATION VOLUMES (THERMS)

	YEARS ENDED - 12/31/13 - 12/31/16											
LINE NO.	MONTH	FY 2013	FY 2014	FY 2015	FY 2016							
1	January	12,475,340	13,170,951	12,977,890	13,248,055							
2	February	11,972,332	11,540,147	12,513,675	13,056,544							
3	March	13,397,504	11,433,975	12,891,296	13,898,146							
4	April	10,292,560	10,131,824	10,019,408	13,208,191							
5	May	9,596,919	9,763,899	9,822,540	10,948,653							
6	June	8,730,284	8,311,118	8,920,651	9,590,126							
7	July	8,674,904	8,738,855	8,838,378	9,630,699							
8	August	8,583,891	8,497,835	9,010,126	10,350,485							
9	September	8,310,951	8,913,723	8,962,841	10,156,396							
10	October	10,948,316	11,192,644	11,661,840	12,571,402							
11	November	10,900,459	11,937,480	11,923,450	11,994,124							
12	December	<u>12,289,648</u>	12,918,603	<u>11,771,431</u>	11,573,367							
13	TOTAL	<u>126,173,108</u>	<u>126,551,054</u>	<u>129,313,526</u>	140,226,186							

CONTRIBUTION TO THE SYSTEM PEAK MONTH SALES VOLUME BY RATE CLASS

	RATE CLASS	JAN 2013	JAN 2014	JAN 2015	MAR 2016
14	GS-1	194,421	214,743	206,777	228,178
15	GS-100	681,738	689,277	822,179	819,587
16	GS-220	785,842	800,212	657,464	641,331
17	GS-600	107,156	106,187	106,194	122,783
18	GS-1.2k	801,926	847,183	844,733	946,206
19	GS-6k	2,074,617	2,186,965	2,193,473	2,332,113
20	GS-25k	854,034	900,887	916,197	978,851
21	GS-60k	374,536	439,596	827,412	702,472
22	GS-120k	1,029,597	771,924	614,402	651,376
23	GS-250k	1,956,955	1,847,662	1,769,611	2,123,629
24	GS-1,250k	973,740	1,649,638	1,492,143	1,608,794
25	LES	235,563	518,824	154,468	385,352
26	KDS	2,402,965	2,196,221	2,371,595	2,356,232
27	GL	1,296	1,316	1,242	1,242
28	NGV	956	315	0	0
29	TOTAL	12,475,340	<u>13,170,951</u>	<u>12,977,890</u>	<u>13,898,146</u>

(TOTAL EQUALS THE PEAK MONTH SALES FROM ABOVE)

SCHEDULE E	-5				(COST OF SERVIC	E			PAGE 1 OF 18
COMPANY:	BLIC SERVICE COMMISSI PIVOTAL UTILITY HOLD D/B/A FLORIDA CITY G/ 20170179-GU	EXPLA	NATION: PROVIDE MONTHLY BILL COMPARISONS UNDER PRESENT AND PROPOSED RATES FOR THE RESIDENTIAL RATE CLASS. GS-1 MOVING TO RS-1						TYPE OF DATA SHOWN: HISTORIC BASE YEAR: 12/31/16 PROJECTED TEST YEAR: 12/31/18 WITNESS: D. NIKOLICH	
LINE NO.		PRESENT F	RATES (GS-1)					PROPOSED	RATES (RS-1)	
1	CUSTOMER CHARGE	\$8.0000					CUSTOMER CHARGE	\$12.0000		
2	ENERGY CHARGE	\$0.56213	PER THERM				ENERGY CHARGE	\$0.50952	PER THERM	
3				GAS COST	0.54000	PER THERM				
4			THERM USAG	E INCREMENT	2	THERMS				
5		AVE	RAGE USAGE F	PER CUSTOMER	5	THERMS/MONTH				
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE WITH FUEL		
6		0	\$8.00	\$8.00	\$12.00	\$12.00	50.00%	50.00%		
7		2	\$9.12	\$10.20	\$13.02	\$14.10	42.69%	38.17%		
8		4	\$10.25	\$12.41	\$14.04	\$16.20	36.98%	30.54%		
9		6	\$11.37	\$14.61	\$15.06	\$18.30	32.40%	25.21%		
10		8	\$12.50	\$16.82	\$16.08	\$20.40	28.64%	21.28%		
11		10	\$13.62	\$19.02	\$17.10	\$22.50	25.50%	18.26%		
12		12	\$14.75	\$21.23	\$18.11	\$24.59	22.85%	15.87%		
13		14	\$15.87	\$23.43	\$19.13	\$26.69	20.56%	13.93%		
14		16	\$16.99	\$25.63	\$20.15	\$28.79	18.58%	12.32%		
15		18	\$18.12	\$27.84	\$21.17	\$30.89	16.85%	10.97%		
16		20	\$19.24	\$30.04	\$22.19	\$32.99	15.32%	9.81%		

SCHEDULE E	-5				(PAGE 2 OF 18				
COMPANY:	BLIC SERVICE COMMISSI PIVOTAL UTILITY HOLI D/B/A FLORIDA CITY G : 20170179-GU	EXPLA	NATION: PROVID	E MONTHLY BILL FOR THE GS-1	RATES	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: 12/31/16 PROJECTED TEST YEAR: 12/31/18 WITNESS: D. NIKOLICH					
LINE NO.		PRESENT RA	ATES (GS-100)					PROPOSED F	RATES (RS-100)		
1	CUSTOMER CHARGE	\$9.5000					CUSTOMER CHARGE	\$15.0000			
2	ENERGY CHARGE	\$0.52248	PER THERM				ENERGY CHARGE	\$0.41137	PER THERM		
3				GAS COST	0.54000	PER THERM					
4			THERM USAG	E INCREMENT	4	THERMS					
5		AVE	ERAGE USAGE I	PER CUSTOMER	14	THERMS/MONTH					
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE WITH FUEL			
6		0	\$9.50	\$9.50	\$15.00	\$15.00	57.89%	57.89%			
7		4	\$11.59	\$13.75	\$16.65	\$18.81	43.62%	36.77%			
8		8	\$13.68	\$18.00	\$18.29	\$22.61	33.71%	25.62%			
9		12	\$15.77	\$22.25	\$19.94	\$26.42	26.42%	18.73%			
10		16	\$17.86	\$26.50	\$21.58	\$30.22	20.84%	14.05%			
11		20	\$19.95	\$30.75	\$23.23	\$34.03	16.43%	10.66%			
12		24	\$22.04	\$35.00	\$24.87	\$37.83	12.86%	8.10%			
13 14		28 32	\$24.13 \$26.22	\$39.25 \$43.50	\$26.52 \$28.16	\$41.64 \$45.44	9.90% 7.42%	6.09% 4.47%			
14		32 36	\$20.22 \$28.31	\$43.50 \$47.75	\$20.16 \$29.81	\$45.44 \$49.25	5.30%	4.47% 3.14%			
16		40	\$30.40	\$52.00	\$31.45	\$53.05	3.47%	2.03%			

SCHEDULE E	-5				(COST OF SERVIC		PAGE 3 OF 18			
FLORIDA PUBLIC SERVICE COMMISSION EXPLANATION: F COMPANY: PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS DOCKET NO.: 20170179-GU OPC ROG 8-175					FOR THE	COMPARISONS I RESIDENTIAL RA 20 MOVING TO R	RATES	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: PROJECTED TEST YEAR: WITNESS: D. NIKOLICH	12/31/16 12/31/18		
LINE NO.		PRESENT R	ATES (GS-220)					PROPOSED F	RATES (RS-100)		
1	CUSTOMER CHARGE	\$11.0000					CUSTOMER CHARGE	\$15.0000			
2	ENERGY CHARGE	\$0.49531	PER THERM				ENERGY CHARGE	\$0.41137	PER THERM		
3				GAS COST	0.54000	PER THERM					
4			THERM USAG	E INCREMENT	10	THERMS					
5		AVI	ERAGE USAGE I	PER CUSTOMER	26	THERMS/MONTH					
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE <u>WITH FUEL</u>			
6		0	\$11.00	\$11.00	\$15.00	\$15.00	36.36%	36.36%			
7		10	\$15.95	\$21.35	\$19.11	\$24.51	19.81%	14.80%			
8		20	\$20.91	\$31.71	\$23.23	\$34.03	11.10%	7.32%			
9		30	\$25.86	\$42.06	\$27.34	\$43.54	5.73%	3.52%			
10		40	\$30.81	\$52.41	\$31.45	\$53.05	2.08%	1.23%			
11		50	\$35.77	\$62.77	\$35.57	\$62.57	-0.55%	-0.31%			
12		60	\$40.72	\$73.12	\$39.68	\$72.08	-2.55%	-1.42%			
13		70	\$45.67	\$83.47	\$43.80	\$81.60	-4.11%	-2.25%			
14		80	\$50.62	\$93.82	\$47.91	\$91.11	-5.36%	-2.89%			
15		90	\$55.58	\$104.18	\$52.02	\$100.62	-6.40%	-3.41%			
16		100	\$60.53	\$114.53	\$56.14	\$110.14	-7.26%	-3.84%			

SCHEDULE E	-5				(PAGE 4 OF 18				
COMPANY:	BLIC SERVICE COMMISSI PIVOTAL UTILITY HOLE D/B/A FLORIDA CITY G/ : 20170179-GU	EXPLA	NATION: PROVID	E MONTHLY BILL FOR THE GS-6	RATES	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: PROJECTED TEST YEAR: WITNESS: D. NIKOLICH	12/31/16 12/31/18				
LINE NO.		PRESENT RA	ATES (GS-600)					PROPOSED F	RATES (RS-600)		
1	CUSTOMER CHARGE	\$12.0000					CUSTOMER CHARGE	\$20.0000			
2	ENERGY CHARGE	\$0.43663	PER THERM				ENERGY CHARGE	\$0.40217	PER THERM		
3				GAS COST	0.54000	PER THERM					
4			THERM USAG	E INCREMENT	30	THERMS					
5		AVE	RAGE USAGE I	PER CUSTOMER	70	THERMS/MONTH					
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE WITH FUEL			
6		0	\$12.00	\$12.00	\$20.00	\$20.00	66.67%	66.67%			
7		30	\$25.10	\$41.30	\$32.07	\$48.27	27.75%	16.87%			
8		60	\$38.20	\$70.60	\$44.13	\$76.53	15.53%	8.40%			
9		90	\$51.30	\$99.90	\$56.20	\$104.80	9.55%	4.90%			
10		120	\$64.40	\$129.20	\$68.26	\$133.06	6.00%	2.99%			
11		150	\$77.49	\$158.49	\$80.33	\$161.33	3.65%	1.79%			
12		180	\$90.59	\$187.79	\$92.39	\$189.59	1.98%	0.96%			
13		210	\$103.69	\$217.09	\$104.46	\$217.86	0.74%	0.35%			
14		240	\$116.79	\$246.39	\$116.52	\$246.12	-0.23%	-0.11%			
15		270	\$129.89	\$275.69	\$128.59	\$274.39	-1.00%	-0.47%			
16		300	\$142.99	\$304.99	\$140.65	\$302.65	-1.64%	-0.77%			

SCHEDULE E	E-5				COST OF SERVICE						
COMPANY:	BLIC SERVICE COMMISSI PIVOTAL UTILITY HOLD D/B/A FLORIDA CITY G/ .: 20170179-GU	EXPLA	NATION: PROVID	E MONTHLY BILL FOR THE GS-1	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: PROJECTED TEST YEAR: WITNESS: D. NIKOLICH	12/31/16 12/31/18					
LINE NO.		PRESENT RA	ATES (GS-1.2K)					PROPOSED	RATES (RS-600)		
1	CUSTOMER CHARGE	\$15.0000					CUSTOMER CHARGE	\$20.0000			
2	ENERGY CHARGE	\$0.31715	PER THERM				ENERGY CHARGE	\$0.40217	PER THERM		
3				GAS COST	0.54000	PER THERM					
4			THERM USAG	E INCREMENT	40	THERMS					
5		AVE	ERAGE USAGE F	PER CUSTOMER	167	THERMS/MONTH					
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE WITH FUEL			
6		0	\$15.00	\$15.00	\$20.00	\$20.00	33.33%	33.33%			
7		40	\$27.69	\$49.29	\$36.09	\$57.69	30.34%	17.04%			
8		80	\$40.37	\$83.57	\$52.17	\$95.37	29.23%	14.12%			
9		120	\$53.06	\$117.86	\$68.26	\$133.06	28.65%	12.90%			
10		160	\$65.74	\$152.14	\$84.35	\$170.75	28.30%	12.23%			
11		200	\$78.43	\$186.43	\$100.43	\$208.43	28.06%	11.80%			
12		240	\$91.12	\$220.72	\$116.52	\$246.12	27.88%	11.51%			
13		280	\$103.80	\$255.00	\$132.61	\$283.81	27.75%	11.30%			
14		320	\$116.49	\$289.29	\$148.69	\$321.49	27.65%	11.13%			
15		360	\$129.17	\$323.57	\$164.78	\$359.18	27.57%	11.00%			
16		400	\$141.86	\$357.86	\$180.87	\$396.87	27.50%	10.90%			

MPANY:	D/B/A FLORIDA CITY GA	INGS, INC.		ANATION: PROVID	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: PROJECTED TEST YEAR: WITNESS: D. NIKOLICH	12/31/16 12/31/18					
LINE NO.		PRESE	NT RATES	_				PROPO	SED RATES		
1	CUSTOMER CHARGE	\$0.00					CUSTOMER CHARGE	\$0.00			
2	ENERGY CHARGE	\$0.59535	PER THERM				ENERGY CHARGE	\$0.4000	PER THERM		
3				GAS COST	0.54000	PER THERM					
4			THERM USAG	GE INCREMENT	10	THERMS					
5		AVE	ERAGE USAGE	PER CUSTOMER	22	THERMS/MONTH					
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE WITH FUEL			
6		0	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%			
7		10	\$5.95	\$11.35	\$4.00	\$9.40	-32.81%	-17.21%			
8		20	\$11.91	\$22.71	\$8.00	\$18.80	-32.81%	-17.21%			
9		30	\$17.86	\$34.06	\$12.00	\$28.20	-32.81%	-17.21%			
10		40	\$23.81	\$45.41	\$16.00	\$37.60	-32.81%	-17.21%			
11		50	\$29.77	\$56.77	\$20.00	\$47.00	-32.81%	-17.21%			
12		60	\$35.72	\$68.12	\$24.00	\$56.40	-32.81%	-17.21%			
13		70	\$41.67	\$79.47	\$28.00	\$65.80	-32.81%	-17.21%			
14		80	\$47.63	\$90.83	\$32.00	\$75.20	-32.81%	-17.21%			
15		90	\$53.58	\$102.18	\$36.00	\$84.60	-32.81%	-17.21%			
16		100	\$59.54	\$113.54	\$40.00	\$94.00	-32.81%	-17.21%			

COST OF SERVICE

SCHEDULE E-5

RECAP SCHEDULES:

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SCHEDULE E	E-5 COST OF SERVICE									PAGE 7 OF 18	
COMPANY:	BLIC SERVICE COMMISSI PIVOTAL UTILITY HOLI D/B/A FLORIDA CITY G 20170179-GU	DINGS, INC.		EXPLANATION: PROVIDE MONTHLY BILL COMPARISONS UNDER PRESENT AND PROPOSED RATES FOR THE COMMERCIAL SALES & TRANSPORTATION RATE CLASS. GS-1						TYPE OF DATA SHOWN: HISTORIC BASE YEAR: PROJECTED TEST YEAR: WITNESS: D. NIKOLICH	12/31/16 12/31/18
LINE NO.		PRESENT F	RATES (GS-1)					PROPOSED	RATES (GS-1)		
1	CUSTOMER CHARGE	\$8.00					CUSTOMER CHARGE	\$25.00			
2	ENERGY CHARGE	\$0.56213	PER THERM				ENERGY CHARGE	\$0.4003	PER THERM		
3				GAS COST	0.54000	PER THERM					
4			THERM USAG	E INCREMENT	2	THERMS					
5		AVI	ERAGE USAGE I	PER CUSTOMER	6	THERMS/MONTH					
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE <u>WITH FUEL</u>			
6		0	\$8.00	\$8.00	\$25.00	\$25.00	212.50%	212.50%			
7		2	\$9.12	\$10.20	\$25.80	\$26.88	182.77%	163.43%			
8		4	\$10.25	\$12.41	\$26.60	\$28.76	159.56%	131.79%			
9		6	\$11.37	\$14.61	\$27.40	\$30.64	140.94%	109.69%			
10		8	\$12.50	\$16.82	\$28.20	\$32.52	125.68%	93.39%			
11		10	\$13.62	\$19.02	\$29.00	\$34.40	112.93%	80.87%			
12		12	\$14.75	\$21.23	\$29.80	\$36.28	102.12%	70.95%			
13		14	\$15.87	\$23.43	\$30.60	\$38.16	92.85%	62.89%			
14		16	\$16.99	\$25.63	\$31.41	\$40.05	84.80%	56.22%			
15		18	\$18.12	\$27.84	\$32.21	\$41.93	77.76%	50.61%			
16		20	\$19.24	\$30.04	\$33.01	\$43.81	71.53%	45.82%			

SCHEDULE E	-5			COST OF SERVICE						PAGE 8 OF 18	
COMPANY:	BLIC SERVICE COMMISS PIVOTAL UTILITY HOL D/B/A FLORIDA CITY G : 20170179-GU	DINGS, INC.		NATION: PROVID FOR TH	DE MONTHLY BILL HE COMMERCIAL GS	RATES	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: PROJECTED TEST YEAR: WITNESS: D. NIKOLICH	12/31/16 12/31/18			
LINE NO.		PRESENT R	ATES (GS-100)					PROPOSED	RATES (GS-1)		
1	CUSTOMER CHARGE	\$9.50					CUSTOMER CHARGE	\$25.00			
2	ENERGY CHARGE	\$0.52248	PER THERM				ENERGY CHARGE	\$0.4003	PER THERM		
3				GAS COST	\$0.54000	PER THERM					
4			THERM USAG	E INCREMENT	4	THERMS					
5		AVI	ERAGE USAGE F	PER CUSTOMER	15	THERMS/MONTH					
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE WITH FUEL			
6		0	\$9.50	\$9.50	\$25.00	\$25.00	163.16%	163.16%			
7		4	\$11.59	\$13.75	\$26.60	\$28.76	129.52%	109.18%			
8		8	\$13.68	\$18.00	\$28.20	\$32.52	106.16%	80.68%			
9		12	\$15.77	\$22.25	\$29.80	\$36.28	89.00%	63.08%			
10		16	\$17.86	\$26.50	\$31.41	\$40.05	75.85%	51.12%			
11		20	\$19.95	\$30.75	\$33.01	\$43.81	65.45%	42.46%			
12		24	\$22.04	\$35.00	\$34.61	\$47.57	57.03%	35.91%			
13		28	\$24.13	\$39.25	\$36.21	\$51.33	50.06%	30.78%			
14		32	\$26.22	\$43.50	\$37.81	\$55.09	44.21%	26.65%			
15		36	\$28.31	\$47.75	\$39.41	\$58.85	39.22%	23.25%			
16		40	\$30.40	\$52.00	\$41.01	\$62.61	34.92%	20.41%			

SCHEDULE E-	-5	COST OF SERVICE									
COMPANY:	LIC SERVICE COMMISS CITY GAS COMPANY (A DIVISION OF NUI UT 20170179-GU	OF FLORIDA		NATION: PROVID FOR TH	RATES	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: PROJECTED TEST YEAR: WITNESS: D. NIKOLICH	12/31/16 12/31/18				
LINE NO.		PRESENT RA	ATES (GS-220)					PROPOSED	RATES (GS-1)		
1	CUSTOMER CHARGE	\$11.00					CUSTOMER CHARGE	\$25.00			
2	ENERGY CHARGE	\$0.49531	PER THERM				ENERGY CHARGE	\$0.4003	PER THERM		
3			(GAS COST	\$0.54000	PER THERM					
4			THERM USAG	E INCREMENT	10	THERMS					
5		AVE	RAGE USAGE F	PER CUSTOMER	48	THERMS/MONTH					
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE WITH FUEL			
6		0	\$11.00	\$11.00	\$25.00	\$25.00	127.27%	127.27%			
7		10	\$15.95	\$21.35	\$29.00	\$34.40	81.80%	61.12%			
8		20	\$20.91	\$31.71	\$33.01	\$43.81	57.88%	38.17%			
9		30	\$25.86	\$42.06	\$37.01	\$53.21	43.12%	26.51%			
10		40	\$30.81	\$52.41	\$41.01	\$62.61	33.11%	19.46%			
11		50	\$35.77	\$62.77	\$45.02	\$72.02	25.87%	14.74%			
12		60	\$40.72	\$73.12	\$49.02	\$81.42	20.39%	11.35%			
13		70	\$45.67	\$83.47	\$53.02	\$90.82	16.10%	8.81%			
14		80	\$50.62	\$93.82	\$57.03	\$100.23	12.65%	6.82%			
15		90	\$55.58	\$104.18	\$61.03	\$109.63	9.81%	5.23%			
16		100	\$60.53	\$114.53	\$65.03	\$119.03	7.44%	3.93%			

SCHEDULE E-	-5					COST OF SERVIC	E			PAGE 10 OF 18	
COMPANY:	ELIC SERVICE COMMISS CITY GAS COMPANY C A DIVISION OF NUI UT 20170179-GU	OF FLORIDA			HE COMMERCIAL		UNDER PRESENT AND PORTATION RATE CLA: GS-1		RATES	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: PROJECTED TEST YEAR: WITNESS: D. NIKOLICH	12/31/16 12/31/18
LINE NO.		PRESENT RA	TES (GS-600)					PROPOSED	RATES (GS-1)		
1	CUSTOMER CHARGE	\$12.00					CUSTOMER CHARGE	\$25.00			
2	ENERGY CHARGE	\$0.43663	PER THERM				ENERGY CHARGE	\$0.4003	PER THERM		
3			(GAS COST	\$0.54000	PER THERM					
4			THERM USAG	E INCREMENT	30	THERMS					
5		AVE	RAGE USAGE F	PER CUSTOMER	91	THERMS/MONTH					
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE <u>WITH FUEL</u>			
6		0	\$12.00	\$12.00	\$25.00	\$25.00	108.33%	108.33%			
7		30	\$25.10	\$41.30	\$37.01	\$53.21	47.46%	28.84%			
8		60	\$38.20	\$70.60	\$49.02	\$81.42	28.33%	15.33%			
9		90	\$51.30	\$99.90	\$61.03	\$109.63	18.98%	9.74%			
10		120	\$64.40	\$129.20	\$73.04	\$137.84	13.43%	6.69%			
11		150	\$77.49	\$158.49	\$85.05	\$166.05	9.75%	4.77%			
12		180	\$90.59	\$187.79	\$97.06	\$194.26	7.14%	3.45%			
13		210	\$103.69	\$217.09	\$109.07	\$222.47	5.19%	2.48%			
14		240	\$116.79	\$246.39	\$121.08	\$250.68	3.68%	1.74%			
15		270	\$129.89	\$275.69	\$133.09	\$278.89	2.47%	1.16%			
16		300	\$142.99	\$304.99	\$145.10	\$307.10	1.48%	0.69%			

SCHEDULE E	-5					COST OF SERVIC	E			PAGE 11 OF 18	
COMPANY:	BLIC SERVICE COMMISSI CITY GAS COMPANY C A DIVISION OF NUI UTI 20170179-GU	F FLORIDA			E COMMERCIAL		UNDER PRESENT AND PORTATION RATE CLAS GS-1		RATES	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: PROJECTED TEST YEAR: WITNESS: D. NIKOLICH	12/31/16 12/31/18
LINE NO.		PRESENT RA	TES (GS-1.2K)					PROPOSED	RATES (GS-1)		
1	CUSTOMER CHARGE	\$15.00					CUSTOMER CHARGE	\$25.00			
2	ENERGY CHARGE	\$0.31715	PER THERM				ENERGY CHARGE	\$0.4003	PER THERM		
3				GAS COST	\$0.54000	PER THERM					
4			THERM USAG	E INCREMENT	40	THERMS					
5		AVE		PER CUSTOMER		THERMS/MONTH					
0		,			212						
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE WITH FUEL			
6		0	\$15.00	\$15.00	\$25.00	\$25.00	66.67%	66.67%			
7		40	\$27.69	\$49.29	\$41.01	\$62.61	48.14%	27.04%			
8		80	\$40.37	\$83.57	\$57.03	\$100.23	41.26%	19.93%			
9		120	\$53.06	\$117.86	\$73.04	\$137.84	37.66%	16.96%			
10		160	\$65.74	\$152.14	\$89.06	\$175.46	35.46%	15.32%			
11		200	\$78.43	\$186.43	\$105.07	\$213.07	33.97%	14.29%			
12		240	\$91.12	\$220.72	\$121.08	\$250.68	32.89%	13.58%			
13		280	\$103.80	\$255.00	\$137.10	\$288.30	32.08%	13.06%			
14		320	\$116.49	\$289.29	\$153.11	\$325.91	31.44%	12.66%			
15		360	\$129.17	\$323.57	\$169.13	\$363.53	30.93%	12.35%			
16		400	\$141.86	\$357.86	\$185.14	\$401.14	30.51%	12.09%			

SCHEDULE E-	-5					COST OF SERVIC	CE			PAGE 12 OF 18	
COMPANY:	LIC SERVICE COMMISS CITY GAS COMPANY C A DIVISION OF NUI UT 20170179-GU	OF FLORIDA					UNDER PRESENT AND PORTATION RATE CLAS		RATES	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: PROJECTED TEST YEAR: WITNESS: D. NIKOLICH	12/31/16 12/31/18
LINE NO.		PRESENT RA	TES (GS-6K)					PROPOSED	RATES (GS-6K)		
1	CUSTOMER CHARGE	\$30.00					CUSTOMER CHARGE	\$35.00			
2	ENERGY CHARGE	\$0.27487	PER THERM				ENERGY CHARGE	\$0.3581	PER THERM		
3			(GAS COST	\$0.54000	PER THERM					
4			THERM USAG	E INCREMENT	200	THERMS					
5		AVE	RAGE USAGE F	PER CUSTOMER	935	THERMS/MONTH	1				
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE WITH FUEL			
6		0	\$30.00	\$30.00	\$35.00	\$35.00	16.67%	16.67%			
7		200	\$84.97	\$192.97	\$106.63	\$214.63	25.48%	11.22%			
8		400	\$139.95	\$355.95	\$178.26	\$394.26	27.38%	10.76%			
9		600	\$194.92	\$518.92	\$249.89	\$573.89	28.20%	10.59%			
10		800	\$249.90	\$681.90	\$321.52	\$753.52	28.66%	10.50%			
11		1,000	\$304.87	\$844.87	\$393.15	\$933.15	28.96%	10.45%			
12		1,200	\$359.84	\$1,007.84	\$464.78	\$1,112.78	29.16%	10.41%			
13		1,400	\$414.82	\$1,170.82	\$536.41	\$1,292.41	29.31%	10.38%			
14		1,600	\$469.79	\$1,333.79	\$608.04	\$1,472.04	29.43%	10.36%			
15		1,800	\$524.77	\$1,496.77	\$679.67	\$1,651.67	29.52%	10.35%			
16		2,000	\$579.74	\$1,659.74	\$751.29	\$1,831.29	29.59%	10.34%			

SCHEDULE E-	-5					COST OF SERVIC	E			PAGE 13 OF 18	
COMPANY:	BLIC SERVICE COMMISS CITY GAS COMPANY (A DIVISION OF NUI UT : 20170179-GU	of florida					UNDER PRESENT AND PORTATION RATE CLA		RATES	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: PROJECTED TEST YEAR: WITNESS: D. NIKOLICH	12/31/16 12/31/18
LINE NO.		PRESENT RA	ATES (GS-25K)					PROPOSED	RATES (GS-25K)		
1	CUSTOMER CHARGE	\$80.00					CUSTOMER CHARGE	\$150.00			
2	ENERGY CHARGE	\$0.27618	PER THERM				ENERGY CHARGE	\$0.3382	PER THERM		
3			(GAS COST	\$0.54000	PER THERM					
4			THERM USAGI	E INCREMENT	500	THERMS					
5		AVE	ERAGE USAGE F	PER CUSTOMER	3,303	THERMS/MONTH					
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE WITH FUEL			
6		0	\$80.00	\$80.00	\$150.00	\$150.00	87.50%	87.50%			
7		500	\$218.09	\$488.09	\$319.11	\$589.11	46.32%	20.70%			
8		1,000	\$356.18	\$896.18	\$488.22	\$1,028.22	37.07%	14.73%			
9		1,500	\$494.27	\$1,304.27	\$657.33	\$1,467.33	32.99%	12.50%			
10		2,000	\$632.36	\$1,712.36	\$826.43	\$1,906.43	30.69%	11.33%			
11		2,500	\$770.45	\$2,120.45	\$995.54	\$2,345.54	29.22%	10.62%			
12		3,000	\$908.54	\$2,528.54	\$1,164.65	\$2,784.65	28.19%	10.13%			
13		3,500	\$1,046.63	\$2,936.63	\$1,333.76	\$3,223.76	27.43%	9.78%			
14		4,000	\$1,184.72	\$3,344.72	\$1,502.87	\$3,662.87	26.85%	9.51%			
15		4,500	\$1,322.81	\$3,752.81	\$1,671.98	\$4,101.98	26.40%	9.30%			
16		5,000	\$1,460.90	\$4,160.90	\$1,841.08	\$4,541.08	26.02%	9.14%			

SCHEDULE E	-5					COST OF SERVIC	E			PAGE 14 OF 18	
COMPANY:	BLIC SERVICE COMMISS CITY GAS COMPANY (A DIVISION OF NUI UT : 20170179-GU	OF FLORIDA		NATION: PROVID FOR TH	DE MONTHLY BIL HE COMMERCIAL GS-	RATES	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: PROJECTED TEST YEAR: WITNESS: D. NIKOLICH	12/31/16 12/31/18			
LINE NO.		PRESENT R	ATES (GS-60K)					PROPOSED	RATES (GS-25K)		
1	CUSTOMER CHARGE	\$150.00					CUSTOMER CHARGE	\$150.00			
2	ENERGY CHARGE	\$0.27477	PER THERM				ENERGY CHARGE	\$0.3382	PER THERM		
3			(GAS COST	\$0.54000	PER THERM					
4			THERM USAG	E INCREMENT	1,000	THERMS					
5		AVE	ERAGE USAGE F	PER CUSTOMER	5,246	THERMS/MONTH	I				
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE WITH FUEL			
6		0	\$150.00	\$150.00	\$150.00	\$150.00	0.00%	0.00%			
7		1,000	\$424.77	\$964.77	\$488.22	\$1,028.22	14.94%	6.58%			
8		2,000	\$699.54	\$1,779.54	\$826.43	\$1,906.43	18.14%	7.13%			
9		3,000	\$974.31	\$2,594.31	\$1,164.65	\$2,784.65	19.54%	7.34%			
10		4,000	\$1,249.08	\$3,409.08	\$1,502.87	\$3,662.87	20.32%	7.44%			
11		5,000	\$1,523.85	\$4,223.85	\$1,841.08	\$4,541.08	20.82%	7.51%			
12		6,000	\$1,798.62	\$5,038.62	\$2,179.30	\$5,419.30	21.17%	7.56%			
13		7,000	\$2,073.39	\$5,853.39	\$2,517.52	\$6,297.52	21.42%	7.59%			
14		8,000	\$2,348.16	\$6,668.16	\$2,855.73	\$7,175.73	21.62%	7.61%			
15		9,000	\$2,622.93	\$7,482.93	\$3,193.95	\$8,053.95	21.77%	7.63%			
16		10,000	\$2,897.70	\$8,297.70	\$3,532.17	\$8,932.17	21.90%	7.65%			

SCHEDULE E-	-5					COST OF SERVIC	E			PAGE 15 OF 18	
COMPANY:	LIC SERVICE COMMISS CITY GAS COMPANY A DIVISION OF NUI UT 20170179-GU	OF FLORIDA					UNDER PRESENT AND PORTATION RATE CLA		RATES	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: 12/ PROJECTED TEST YEAR: 12/ WITNESS: D. NIKOLICH	2/31/16 2/31/18
LINE NO.	_	PRESENT RA	TES (GS-120K)					PROPOSED F	RATES (GS-120K)		
1 2 3	CUSTOMER CHARGE DEMAND CHARGE ENERGY CHARGE	\$0.2890	PER THERM PER THERM			0.056671227	CUSTOMER CHARGE DEMAND CHARGE ENERGY CHARGE	\$5.7500	PER THERM PER THERM		
4				GAS COST	\$0.54000	PER THERM					
5			THERM USAG	E INCREMENT	5,000	THERMS					
6		AVE	ERAGE USAGE I	PER CUSTOMER	15,220	THERMS/MONTH	I				
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE WITH FUEL			
7		0	\$250.00	\$250.00	\$300.00	\$300.00	20.00%	20.00%			
8		5,000	\$1,973.10	\$4,673.10	\$17,954.56	\$20,654.56	809.97%	341.99%			
9		10,000	\$3,696.20	\$9,096.20	\$35,609.11	\$41,009.11	863.40%	350.84%			
10		15,000	\$5,419.30	\$13,519.30	\$53,263.67	\$61,363.67	882.85%	353.90%			
11		20,000	\$7,142.40	\$17,942.40	\$70,918.23	\$81,718.23	892.92%	355.45%			
12		25,000	\$8,865.50	\$22,365.50	\$88,572.79	\$102,072.79	899.07%	356.39%			
13		30,000	\$10,588.60	\$26,788.60	\$106,227.34	\$122,427.34	903.22%	357.01%			
14		35,000	\$12,311.69	\$31,211.69	\$123,881.90	\$142,781.90	906.21%	357.46%			
15		40,000	\$14,034.79	\$35,634.79	\$141,536.46	\$163,136.46	908.47%	357.80%			
16		45,000	\$15,757.89	\$40,057.89	\$159,191.02	\$183,491.02	910.23%	358.06%			
17		50,000	\$17,480.99	\$44,480.99	\$176,845.57	\$203,845.57	911.64%	358.28%			

OMPANY:	BLIC SERVICE COMMISS CITY GAS COMPANY C A DIVISION OF NUI UTI 20170179-GU	DF FLORIDA			E MONTHLY BILI		UNDER PRESENT AND PORTATION RATE CLA		RATES	PAGE 16 OF 18 TYPE OF DATA SHOWN: HISTORIC BASE YEAR: PROJECTED TEST YEAR: WITNESS: D. NIKOLICH	12/31/ [.] 12/31/
LINE NO.		PRESENT RA	TES (GS-250K)					PROPOSED F	RATES (GS-120K)		
1 2 3	CUSTOMER CHARGE DEMAND CHARGE ENERGY CHARGE	• • • • •	PER THERM PER THERM			0.059568247	CUSTOMER CHARGE DEMAND CHARGE ENERGY CHARGE	\$5.7500	PER THERM PER THERM		
4			(GAS COST	\$0.54000	PER THERM					
5			THERM USAG	E INCREMENT	15,000	THERMS					
6		AVE	ERAGE USAGE F	PER CUSTOMER	41,870	THERMS/MONTH	I				
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE WITH FUEL			
7		0	\$300.00	\$300.00	\$300.00	\$300.00	0.00%	0.00%			
8		15,000	\$5,460.93	\$13,560.93	\$55,762.35	\$63,862.35	921.11%	370.93%			
9		30,000	\$10,621.87	\$26,821.87	\$111,224.70	\$127,424.70	947.13%	375.08%			
10		45,000	\$15,782.80	\$40,082.80	\$166,687.06	\$190,987.06	956.13%	376.48%			
11		60,000	\$20,943.73	\$53,343.73	\$222,149.41	\$254,549.41	960.70%	377.19%			
12		75,000	\$26,104.67	\$66,604.67	\$277,611.76	\$318,111.76	963.46%	377.61%			
13		90,000	\$31,265.60	\$79,865.60	\$333,074.11	\$381,674.11	965.31%	377.90%			
14		105,000	\$36,426.53	\$93,126.53	\$388,536.46	\$445,236.46	966.63%	378.10%			
15		120,000	\$41,587.47	\$106,387.47	\$443,998.82	\$508,798.82	967.63%	378.25%			
16		135,000	\$46,748.40	\$119,648.40	\$499,461.17	\$572,361.17	968.40%	378.37%			
17		150,000	\$51.909.34	\$132,909.34	\$554,923.52	\$635.923.52	969.02%	378.46%			

CHEDULE E	A PUBLIC SERVICE COMMISSION EXPLANATION:					COST OF SERVIC	E			PAGE 17 OF 18	
ompany:	CITY GAS COMPANY O A DIVISION OF NUI UTII	F FLORIDA LITIES, INC.					UNDER PRESENT AND PORTATION RATE CLA		RATES	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: 12 PROJECTED TEST YEAR: 12 WITNESS: D. NIKOLICH	2/31/ 2/31/
LINE NO.		PRESENT RA	TES (GS-1,250K)				PROPOSED	RATES (GS-1,250	DK)	
1 2 3	CUSTOMER CHARGE DEMAND CHARGE ENERGY CHARGE	• • • • •	PER THERM PER THERM			0.175498737	CUSTOMER CHARGE DEMAND CHARGE ENERGY CHARGE	• • • • •	PER THERM PER THERM		
4				GAS COST	\$0.54000	PER THERM					
5			THERM USAG	E INCREMENT	100,000	THERMS					
6		AVE	ERAGE USAGE F	PER CUSTOMER	177,390	THERMS/MONTH					
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL WITH FUEL	PERCENT INCREASE W/O FUEL	PERCENT INCREASE WITH FUEL			
7		0	\$500.00	\$500.00	\$500.00	\$500.00	0.00%	0.00%			
8		100,000	\$63,444.14	\$117,444.14	\$1,023,677.30	\$1,077,677.30	1513.51%	817.61%			
9		200,000	\$126,388.27	\$234,388.27	\$2,046,854.61	\$2,154,854.61	1519.50%	819.35%			
10		300,000	\$189,332.41	\$351,332.41	\$3,070,031.91	\$3,232,031.91	1521.50%	819.94%			
11		400,000	\$252,276.54	\$468,276.54	\$4,093,209.21	\$4,309,209.21	1522.51%	820.23%			
12		500,000	\$315,220.68	\$585,220.68	\$5,116,386.51	\$5,386,386.51	1523.11%	820.40%			
13		600,000	\$378,164.81	\$702,164.81	\$6,139,563.82	\$6,463,563.82	1523.52%	820.52%			
14		700,000	\$441,108.95	\$819,108.95	\$7,162,741.12	\$7,540,741.12	1523.80%	820.60%			
15		800,000	\$504,053.08	\$936,053.08	\$8,185,918.42	\$8,617,918.42	1524.02%	820.67%			
16		900,000	\$566,997.22	\$1,052,997.22	\$9,209,095.72	\$9,695,095.72	1524.19%	820.71%			
17		1,000,000	\$629,941.35	\$1,169,941.35	\$10,232,273.03	\$10,772,273.03	1524.32%	820.75%			

COMPANY:	BLIC SERVICE COMMISSI CITY GAS COMPANY O A DIVISION OF NUI UTII 20170179-GU	F FLORIDA		ANATION: PROVIE			UNDER PRESENT AND LES RATE CLASS.	PROPOSED F	ATES	TYPE OF DATA SHOWN: HISTORIC BASE YEAR: PROJECTED TEST YEAR: WITNESS: D. NIKOLICH	12/31/16 12/31/18
LINE NO.	_	PRESE	NT RATES	_				PROPOS	SED RATES		
1	CUSTOMER CHARGE	\$15.00					CUSTOMER CHARGE	\$25.00			
2	ENERGY CHARGE	\$0.40	PER THERM				ENERGY CHARGE	\$0.40	PER THERM		
3				GAS COST	\$0.54000	PER THERM					
4			THERM USAG	GE INCREMENT	10	THERMS					
5		AVE	RAGE USAGE	PER CUSTOMER	333	THERMS/MONTH	1				
		THERM <u>USAGE</u>	PRESENT MONTHLY BILL <u>W/O FUEL</u>	PRESENT MONTHLY BILL <u>WITH FUEL</u>	PROPOSED MONTHLY BILL <u>W/O FUEL</u>	PROPOSED MONTHLY BILL <u>WITH FUEL</u>	PERCENT INCREASE <u>W/O FUEL</u>	PERCENT INCREASE <u>WITH FUEL</u>			
6		0	\$15.00	\$15.00	\$25.00	\$25.00	66.67%	66.67%			
7		100	\$55.03	\$109.03	\$65.03	\$119.03	18.17%	9.17%			
8		200	\$95.07	\$203.07	\$105.07	\$213.07	10.52%	4.92%			
9		300	\$135.10	\$297.10	\$145.10	\$307.10	7.40%	3.37%			
10		400	\$175.14	\$391.14	\$185.14	\$401.14	5.71%	2.56%			
11		500	\$215.17	\$485.17	\$225.17	\$495.17	4.65%	2.06%			
12		600	\$255.21	\$579.21	\$265.21	\$589.21	3.92%	1.73%			
13		700	\$295.24	\$673.24	\$305.24	\$683.24	3.39%	1.49%			
14		800	\$335.28	\$767.28	\$345.28	\$777.28	2.98%	1.30%			
15		900	\$375.31	\$861.31	\$385.31	\$871.31	2.66%	1.16%			
16		1,000	\$415.35	\$955.35	\$425.35	\$965.35	2.41%	1.05%			

COST OF SERVICE

SCHEDULE E-5

RECAP SCHEDULES:

PAGE 18 OF 18

	BLIC SERVICE COMMISSION			PAGE 1 OF 5 TYPE OF DATA SHOWN: HISTORIC BASE YEAR DATA: 12/31/201 PROJECTED TEST YEAR: 12/31/2018							
OMPANY: OCKET NO.:	PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS : 20170179-GU	OPC ROG 8-175								PRIOR YEARS: 12 WITNESS: M. J. I	2/31/12 -12/31/2015
NE							12/31/2016			12/31/2018	
D. ACCT N 1 301.		12/31/2012	12/31/2013	12/31/2014	12/31/2015	PER BOOKS	ADJUSTMENTS	ADJUSTED	PER BOOKS	ADJUSTMENTS	ADJUSTED
2 302.		325,164	325,164	325,164	325,164	325,164		325,164	320,147		320,147
3 303.		25,522	25,522	25,522	25,522	247		247	220		220
4	TOTAL INTANGIBLE PLANT	350,685	350,685	350,685	350,685	325,410		325,410	320,367	·	320,367
5 364.	1.00 LNG PLANT TOTAL STORAGE PLANT			<u> </u>					4,461,538		4,461,538
365						-		-	4,461,538		4,461,538
6 365. 7 367.			-	-	176,450	243,173	-	243,173		-	
3 367.			4,685,577	-	3,449,624	5,792,847		5,792,847	-	-	-
367.			-	-	-	-		-	-	-	-
0 369.	0.00 MEASURING & REGULATING EQUIP	-	-	-	104,145	132,900	-	132,900	-	-	-
1 374.	LAND & LAND RIGHTS	-	270,008	270,008	361,151	415,632	-	415,632	659,737	-	659,737
2 374.		72,437	72,437	72,437	72,437	72,437	-	72,437	72,437	-	72,437
3 374.		11,132	11,132	11,132	11,132	11,132	-	11,132	11,132	-	11,132
4 375. 5 376		607,824	607,824	608,760	608,839	214,983	(2,516)	212,467	-	-	-
5 376. 6 376.		- 84,245,213	- 87,183,097	- 96,850,798	- 96,489,611	- 100,632,845	-	- 100,632,845	- 109,400,818	-	- 109,400,818
5 376. 7 376.		74,423,451	76,669,681	87,223,613	96,469,611 91,454,291	100,632,645	-	100,632,845	146,111,846	-	146,111,846
8 376.		1,755	1,755	1,759	1,754	1,754	-	1,754	1,754	-	1,754
9 376.		-			-	-			-	-	-
0 376.		(72,109)	(49,383)	(62,731)	(79,844)	(194,159)	-	(194,159)	(194,159)	-	(194,159)
1 378.	.00 M&R STATION EQUIPMENT - GENERAL	0	158,524	573,927	581,564	670,166	-	670,166	2,851,518	-	2,851,518
2 379.		6,317,197	6,326,025	6,755,538	6,844,055	6,973,527	-	6,973,527	10,001,910	-	10,001,910
3 380.		-	-	-	-	-	-	-	-	-	-
4 380.		16,018,563	14,834,212	14,713,900	14,708,810	14,763,269	-	14,763,269	14,608,049	-	14,608,049
5 380.		39,789,729	44,052,779	46,600,084	48,873,801	56,848,697	-	56,848,697	61,562,546	-	61,562,546
381. 381.		12,050,249	14,176,958	15,620,090	16,178,708	17,107,094	-	17,107,094	17,963,071	-	17,963,071
7 381. 3 382.		511,342 5,950,535	310,608 6,256,932	2,415,969 6,609,147	1,740,899 7,005,800	1,643,719 7,103,714		1,643,719 7,103,714	1,563,533 7,167,574	-	1,563,533 7,167,574
9 382.		6,703,024	6,722,529	4,694,666	4,694,678	4,694,678	_	4,694,678	4,694,678	_	4,694,678
D 383.		3,450,393	3,940,190	4,375,752	4,725,828	5,429,722		5,429,722	5,884,588		5,884,588
1 384.		1,340,868	1,627,102	1,869,684	2,057,700	2,196,610	-	2,196,610	2,308,977	-	2,308,977
2 385.		3,178,940	3,047,920	3,047,920	3,047,920	3,047,920	-	3,047,920	3,045,476	-	3,045,476
3 387.		703,963	703,879	716,455	764,092	905,129		905,129	836,929	·	836,929
4	TOTAL DISTRIBUTION PLANT	255,304,505	271,609,786	292,968,909	303,873,444	336,637,340	(2,516)	336,634,824	388,552,414		388,552,414
5 389		341,051	385,501	768,686	629,626	463,611	(2,374)	461,236	2,410,432	(20,400)	2,390,032
6 389 7 390		-	-	-	-	-	-	-	-	-	-
7 390 8 391		4,454,126 376,613	4,454,307 376,613	8,017,402 399,381	8,017,402 399,381	11,119,485 504	828,804 104,240	11,948,288 104,744	8,410,477 643,793	756,923 102,709	9,167,400 746,502
9 391		2,122,863	2,142,371	1,628,575	1,628,575	1.394.811	103,203	1.498.014	666.469	101,687	768,156
0 391		8,160,978	10,225,289	10,571,083	11,156,083	11,563,246	486,388	12,049,633	12,946,633	362,410	13,309,043
1 391	1.12 COMPUTER HARDWARE	132,432	132,432	195,697	620,206	714,955	84,796	799,751	668,003	83,550	751,553
2 391	1.20 OFE - ENTERPRISE - 10YR						859,818	859,818		847,188	847,188
3 391		63,036	63,036	191,516	176,176	147,387	310,485	457,873	329,067	301,064	630,131
4 392		518,340	518,340	889,406	891,243	283,544	19,313	302,857	1,004,480	19,029	1,023,509
5 392		775,869	682,900	606,072	1,125,913	452,575	43,083	495,658	735,170	42,450	777,620
6 392 7 392		- 310.282	-	-	- 396,361	1,974,783	45,213	2,019,996	2,644,382	44,549	2,688,931
7 392 8 393		310,282 2,922	310,282 2,922	310,203 2,922	396,361 2,922	287,203 2,922	- 109	287,203 3,032	346,280	- 107	346,280 107
8 393 9 394		2,922	2,922 1,643,946	2,922	2,922	2,922 1,485,872	109	3,032 1,504,380	629,180	107	107 647,417
0 394						-, 100,072		- ,00 1,000	3,661,963		3,661,963
1 395		4,034	4,034	4,034	4,034	4,034		4,034	-		-
2 396	5.00 POWER OPERATED EQUIPMENT	(0)	48,854	131,329	131,329	147,453	10,121	157,574	205,266	9,972	215,238
3 396	5.10 TRACTORS	-	-	-	-	-	-	-		-	-
4 397		1,008,819	1,008,819	1,028,551	177,379	391,646	125,192	516,838	555,748	119,335	675,083
5 398		595,709	884,116	854,108	854,108	108,771	1,300,056	1,408,827	254,530	1,280,958	1,535,488
6 399 7	9.00 OTHER TANGIBLE PROPERTY TOTAL GENERAL PLANT	<u> </u>	22,883,764	27,395,281	28,041,660	30,542,801	4,336,956	34,879,758	36,111,873	701,850 4,771,620	701,850 40,883,493
, 3	ARO	20,014,000	22,003,704	21,393,201	20,041,000	30,342,001	4,330,936	34,019,108	30,111,073	4,771,020	40,003,493
-		-	-	-	-		-	-		-	-
9 102		-		-	21,656,835	21,656,835		21,656,835	21,656,835		21,656,835
9 102 0 114		21,656,835	21,656.835	21,656.835							
9 102 0 114 1 105	4.00 ACQUISITION ADJUSTMENT	21,656,835	21,656,835	21,656,835	21,030,033	- 21,000,000		-	-	-	-
0 114	4.00 ACQUISITION ADJUSTMENT 5.00 PROPERTY HELD FOR FUTURE USE	21,656,835 - 18,645,561	21,656,835 - 19,292,790	- - - - - - - - - - - - - - - - - - -	23,053,496	13,957,305	1,365,078	- 15,322,383	30,962,948		- 30,962,948

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	NY:	SERVICE COMMISSION PIVOTAL UTILITY HOLDINGS, INC. DIBIA FLORIDA CITY GAS 20170179-GU	OPC ROG 8-175	EXPLANATI OF RA	ON: PROVIDE A SI TE BASE. (ACCUN	OVERALL COST O CHEDULE SHOWI IULATED DEPREC	NG DERIVATION				TYPE OF DATA SHOWN: HISTORIC BASE YEAR DATA: 12/31/2016 PROJECTED TEST YEAR: 12/31/2018 PRIOR YEARS: 12/31/12 -12/31/2015 WITNESS: M. J. MORLEY		
								12/31/2016			12/31/2018		
LINE NO.	ACCT NO.	ACCUMULATED DEPRECIATION & DEDUCTIONS	12/31/2012	12/31/2013	12/31/2014	12/31/2015	PER BOOKS	ADJUSTMENTS	ADJUSTED	PER BOOKS	ADJUSTMENTS	ADJUSTED	
1	301.00	ORGANIZATION	-		-	-	-	-	-	-	-	-	
2	302.00 303.00	FRANCHISES & CONSENTS MISC. INTANGIBLE PLANT	175,968 22,309	181,595 22,324	181,595 22,324	181,595 22,324	181,595 (2,951)	-	181,595 (2,951)	176,579 (2,978)		176,579 (2,978)	
4	303.00	TOTAL INTANGIBLE PLANT	198,277	203,919	203,919	203,919	178,644		178,644	173,601		173,601	
5	364.00	LNG PLANT									9,924	9,924	
6	365.00	LAND AND LAND RIGHTS TRANSMISSION				2,423	9,159	-	9,159	12,808	-	12,808	
7	367.00	TRANSMISSION MAIN				-	-	-	-		-	-	
8	367.10	TRANSMISSION MAIN - STEEL	135	176,890	-	72,333	212,470	-	212,470	304,885	-	304,885	
9	367.20	MAINS - PLASTIC	-	-	-	-	-	-	-		-	-	
10	369.00	MEASURING & REGULATING EQUIP	(44)	-	-	1,808	6,075	-	6,075	8,268	-	8,268	
11	374.00	LAND & LAND RIGHTS	-	-	-	-	-	-	-		-	-	
12	374.10	LAND	-	-	-		-	-	-		-	-	
13 14	374.30 375.00	RIGHT OF WAY STRUCTURES & IMPROVEMENTS	- 150,990	- 166,185	- 183,210	- 200,257	- 138,371	(4.040)	- 137,331	(80,099)	27 (1,096)	27 (81,195)	
14 15	375.00 376.00	STRUCTURES & IMPROVEMENTS MAINS	150,990	100,185	183,210	200,257	138,371	(1,040)	137,331	(80,099)	(1,096)	(61,195)	
16	376.00	MAINS - STEEL	54.550.191	57.158.736	60.667.255	62.765.948	65.479.709		65,479,709	70,117,911	(53,735)	70.064.176	
17	376.20	MAINS - PLASTIC	26,416,719	28,698,615	30,594,245	32,887,869	35,937,079	-	35,937,079	40,051,613	(92,106)	39,959,507	
18	376.30	MAINS - CAST IRON	53	105	158	211	263		263	342	-	342	
19	376.50	MAINS - MISC	-	-	(263)	-	-	-	-		-	-	
20	376.99	MAINS - CIAC		(3,281)	(4,962)	(7,064)	(11,174)	-	(11,174)	(19,912)	-	(19,912)	
21	378.00	M&R STATION EQUIPMENT - GENERAL	0	30,320	17,290	36,479	57,695	-	57,695	133,745	683	134,428	
22	379.00	M&R STATION EQUIPMENT - GATE STATIONS	3,276,863	3,550,679	3,763,497	3,988,372	4,217,459	-	4,217,459	4,657,611	(5,897)	4,651,714	
23	380.00	SERVICES	-	-	-	-	-	-	-		-	-	
24	380.10	SERVICES - STEEL	21,230,610	21,232,049	20,930,964	21,131,357	21,265,098	-	21,265,098	22,489,412	(54,410)	22,435,002	
25	380.20	SERVICES - PLASTIC	17,912,930	20,399,573	20,180,198	16,459,156	18,238,473	-	18,238,473	21,045,156	(42,653)	21,002,503	
26	381.00	METERS	306,078	556,635	2,402,890	2,450,272	2,776,365	-	2,776,365	3,179,739	21,252	3,200,991	
27	381.10	METERS - ERTS	(223,673)	(410,691)	322,018	274,611	244,809	-	244,809	273,537	1,844	275,381	
28	382.00 382.10	METER & REGULATOR INSTALLATIONS	1,672,422	1,940,778	2,181,647	2,485,412	2,613,167 2,323.053	-	2,613,167 2,323,053	3,000,959	-	3,000,959	
29 30	382.10	METER INSTALLATIONS - ERTS HOUSE REGULATORS	2,038,063 1,402,961	2,488,463 1,572,126	1,693,967 1,762,237	2,008,510 1,952,992	2,323,053	-	2,323,053	2,794,868 2,620,592	(16,606) (10,981)	2,778,262 2,609,611	
30 31	383.00	HOUSE REGULATORS - INSTALLATION	798,140	857,263	912,074	972,780	1,039,084	-	2,202,424	1,145,181	(10,981) 227	1,145,408	
32	385.00	INDUSTRIAL M&R STATION EQUIP	1,804,850	1,831,827	1,791,568	1,892,149	1,992,730	-	1,992,730	2,141,081	(1,496)	2,139,585	
33	387.00	OTHER DISTRIBUTION EQUIPMENT	268,141	299,815	316,275	341,295	366,741	-	366,741	330,334	(1,430) (247)	330,087	
34		TOTAL DISTRIBUTION PLANT	131,605,428	140,546,088	147,714,270	149,917,168	159,109,051	(1,040)	159,108,011	174,208,031	(245,269)	173,962,762	
35	389.00	LAND & LAND RIGHTS	(184)	(184)	(184)	3	2	-	2		-		
36	389.20		-	-	-	-	-	-	-		-	-	
37	390.00	STRUCTURES & IMPROVEMENTS	457,102	568,460	726,984	935,437	705,774	421,531	1,127,305	559,927	4,170	564,097	
38	391.00	OFFICE FURN & EQUIPMENT	210,768	246,110	227,883	258,635	(123,234)	51,219	(72,015)	135,870	(604)	135,266	
39	391.10	COMPUTER EQUIPMENT	245,795	1,332,394	884,061	1,019,233	801,778	50,709	852,488	143,629	1,093	144,722	
40	391.11	COMPUTER SOFTWARE	4,658,113	5,660,120	6,143,547	7,092,390	8,107,758	226,486	8,334,244	3,582,378	787,327	4,369,705	
41	391.12	COMPUTER HARDWARE	61,408	71,795	25,604	70,964	126,749	41,665	168,414	131,517	33,904	165,421	
42	391.20	OFE - ENTERPRISE - 10YR						422,474	422,474			-	
43 44	391.50 392.00	INDIVIDUAL EQUIPMENT TRANSPORTATION EQUIPMENT	28,967 2.500	33,758	91,725 109.720	91,273	75,921	152,370	228,291	207,913	59,222	267,135 33.946	
44 45	392.00 392.10	TRANSPORTATION EQUIPMENT TRANSPORTATION - AUTO	2,500 (128,344)	41,376 (204,051)	109,720 218,497	127,402 251,761	(74,073) 122,944	9,489 21,169	(64,583) 144,113	38,038 146.087	(4,092) (350)	33,946 145,737	
45 46	392.10 392.20	TRANSPORTATION - AUTO TRANSPORTATION - SERVICE TRUCK	(120,344)	(204,051)	210,497	201,/01	122,944 220,723	21,169 22,216	144,113 242.938	146,087 587,174	(350) 1,558	145,737 588,732	
40 47	392.20	TRANSPORTATION - SERVICE TRUCK	13.902	37.173	72.846	- 111.410	148.398		242,938 148,398	202.770	(2,278)	200.492	
48	393.00	STORES EQUIPMENT	863	980	1,161	1,342	1,523	54	1,577	(1,301)	(2,2,3)	(1,301)	
49	394.00	TOOLS, SHOP, GARAGE EQUIPMENT	926,441	1,033,323	1,131,719	1,244,744	980,423	9,094	989,517	(45,803)	(327)	(46,130)	
50	394.10	NATURAL GAS VEHICLES	-	-	-			-		386,139	(1,079)	385,060	
51	395.00	LABORATORY EQUIPMENT	3,915	4,034	4,034	4,034	4,034		4,034		-	-	
52	396.00	POWER OPERATED EQUIPMENT	0	3,728	8,639	19,539	26,151	4,973	31,124	46,908	(372)	46,536	
53	396.10	TRACTORS	-	-	-	-	-		-			-	
54	397.00	COMMUNICATION EQUIPMENT	1,212,426	1,261,270	1,009,297	159,763	91,994	61,285	153,279	124,978	1,271	126,249	
55	398.00	MISCELLANEOUS EQUIPMENT	313,979	370,853	435,424	499,535	(186,176)	638,790	452,613	(224,302)	(751)	(225,053)	
56	399.00	OTHER TANGIBLE PROPERTY	27,431	-	-	-		-	-	-	-	-	
		TOTAL GENERAL PLANT	8,035,082	10,461,139	11,090,958	11,887,464	11,030,689	2,133,523	13,164,212	6,021,922	878,694	6,900,616	
57		ACCUM AMORT - ACQUISITION ADJ	5,895,472	6,617,367	7,339,261	8,061,156	8,783,051	-	8,783,051	9,865,892	-	9,865,892	
57 58		RETIREMENT WORK IN PROGRESS	(4,009,154)	(5,160,772)	(1,679,722)	(162,698)	(1,529,718)	-	(1,529,718)	(2,233,352)	-	(2,233,352)	
57 58 59								-	-	-		-	
57 58 59 60		CUSTOMER ADVANCES FOR CONSTRUCTION	1/1 725 105	152 667 744	164 669 696	160 007 000	177 574 747	2 122 102	170 704 200	188 026 004	633 434	188 660 519	
57 58 59 60 61		CUSTOMER ADVANCES FOR CONSTRUCTION TOTAL ACCUMULATED DEPRECIATION	141,725,105	152,667,741	164,668,686	169,907,009	177,571,717	2,132,483	179,704,200	188,036,094	633,424	188,669,518	
57 58 59 60		CUSTOMER ADVANCES FOR CONSTRUCTION	141,725,105 174,847,148 (43,537,992)	152,667,741 183,126,119 (45,170,247)	164,668,686 191,520,032 (53,473,260)	169,907,009 207,069,111 (48,403,423)	177,571,717 225,547,975 (47,135,552)	2,132,483 3,567,036 42,277,545	179,704,200 229,115,011 (4,858,007)	188,036,094 294,029,881 (83,092,157)	633,424 4,138,195 88,141,030	188,669,518 298,168,077 5,048,873	

SUPPORTING SCHEDULES: B-2, G-1 p 1

SCHEDULE E-6			EXPL	ANATION: PROVI		SHOWING DERIVA	TION			PAGE 3 OF 5	
COMPANY:	SERVICE COMMISSION PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS			OF EXPENSES.	(OPERATION AND	MAINTENANCE)				PROJECTED TES	HOWN: /EAR DATA: 12/31/2016 T YEAR: 12/31/2018 2/31/12 -12/31/2015
DOCKET NO .:	20170179-GU	OPC ROG 8-175								WITNESS: M. J.	
							12/31/2016			12/31/2018	
LINE NO. ACCT NO.	OPERATION & MAINTENANCE	12/31/2012	12/31/2013	12/31/2014	12/31/2015	PER BOOKS	ADJUSTMENTS	ADJUSTED	PER BOOKS	ADJUSTMENTS	ADJUSTED
<u>NO. ACOTINO.</u>		12/31/2012	12/31/2013	12/31/2014	12/31/2013	TER BOOKS	Absolution	ADJOUTED	TER BOORD	Absolutio	ABSOULED
1 804.00 2 805.00		19,318,802 218,560	25,106,240 (370,963)	27,878,392 407,794	21,933,508 (269,345)	18,671,015 (121,942)	(18,671,015) 121,942	-	20,884,062	(20,884,062)	-
3 807.00		216,560	4,086	16,343	(269,345) 16,343	(121,942) 26,674	(26,674)	-	-		-
4 812.00		(3,145)	(3,736)	(3,834)	(3,705)	(11,858)	11,858				
5	TOTAL PRODUCTION EXPENSES	19,534,217	24,735,627	28,298,695	21,676,801	18,563,889	(18,563,889)	-	20,884,062	(20,884,062)	-
0 017.00				45.000	00.040	10.101		10 101	51.700		54 700
6 817.00 7 821.00		-	80	15,698	39,040	43,161	-	43,161	54,780	-	54,780
8 840.00		4,824	3,884	5,392	6,742	-	-	-	-		-
9 841.00		53,942	47,573	55,071	60,899		_				
10 843.40		1,274	975	1,376	1,343						
11 843.50		1,175	1,907	3,123	2,637		-	-			
12 843.60		1,467	1,228	2,844	2,437		-	-		-	
13 843.70		1,808	1,654	1,361	1,840	-	-	-	-	-	
14 843.80	MEASURING AND REGULATION EQUIPMENT	-	-	-		-	-	-	-	-	
15 843.90		6,005	6,036	8,421	7,689			-			
16	TOTAL NATURAL GAS STORAGE EXPENSES	70,496	63,337	93,286	122,626	43,161	<u> </u>	43,161	54,780		54,780
17 856.00	MAINS EXPENSES		68	892	171						
18 857.00			08	780	20	231		231			
19 863.00		19	1,199	2,135	2,583	854	_	854			
20 867.00		1,314	1,133	2,100	2,000		_				
21 007.00	TOTAL TRANSMISSION EXPENSES	1,333	1,267	3,807	2,773	1,085	-	1,085	· · · ·		
22 870.00	Operation Supervision and Engineering	56	376	293	3,162	2,096		2,096	2,660		2,660
23 871.00	Distribution Load Dispatching	804	28	230	29	-	-	-	-		
24 872.00		7									
25 873.00				-			-				
26 874.00	•	963,547	1,186,462	1,316,405	1,818,664	1,814,057		1,814,057	2,240,871		2,240,871
27 875.00		303,347	1,070	1,264	888	916		916	1,163		1,163
		-	1,070	1,204	000	910	-	910	1,103	-	1,103
28 876.00							-			-	
29 877.00		109,972	111,891	114,235	85,945	62,270	-	62,270	78,287	-	78,287
30 878.00		579,474	531,951	616,103	586,605	808,385	-	808,385	1,009,281	-	1,009,281
31 879.00		404,792	521,737	681,508	731,929	559,173	-	559,173	752,271	-	752,271
32 880.00	Other Expenses	185,853	200,700	299,475	287,341	245,787		245,787	256,815	-	256,815
33 881.00	Rents	-	-	-	-	-	-	-	-	-	-
34 885.00	Maintenance Supervision and Engineering	-	-	-	186	-	-	-	-	-	-
35 886.00	Maintenance of Structures and Improvements	-	-	-	-	-	-	-	-	-	
36 887.00	Maintenance of Mains	290,356	233,372	294,716	246,491	330,492	-	330,492	401,282	-	401,282
37 888.00	Maintenance of Compressor Station Equipment	3	-	331	-	467	-	467	593	-	593
38 889.00		75,557	50,984	55,312	110,255	85,409		85,409	130,290	-	130,290
39 890.00										-	
40 891.00	- · · · ·	74	29	57	_	_	_	_	_	_	-
40 891.00		60,250	69,692	159,222	312.979	172.431		172,431	178.591	-	178,591
						1 -	-		- 1	-	
42 893.00 43 894.00		192,250 31	330,244	355,770 4,516	234,247 719	182,559 9,240	-	182,559 9,240	224,799 30,148	-	224,799 30.148
43 894.00 44			(78)								
	TOTAL DISTRIBUTION EXPENSES	2,863,025	3,238,457	3,899,438	4,419,439	4,273,282		4,273,282	5,307,054		5,307,054
45 901.00		-	-	-	-	-	-	-	-	-	-
46 902.00		165,342	131,484	120,377	124,678	111,010	-	111,010	140,890	-	140,890
47 903.00		78,470	99,948	104,856	127,921	69,232	-	69,232	87,609	-	87,609
48 904.00	UNCOLLECTIBLE ACCOUNTS	(1,110,400)	569,600	569,600	603,529	489,897		489,897	476,292	-	476,292
49 905.00	MISCELLANEOUS	1,659	1,684	1,169	1,536	1,208	-	1,208	989	-	989
50 906.00	INFORMATIONAL EXPENSE	<u> </u>	-	<u> </u>			<u> </u>	-			<u> </u>
51	TOTAL CUSTOMER ACCOUNTS	(864,929)	802,716	796,002	857,663	671,346		671,346	705,780		705,780
											_

SUPPORTING SCHEDULES:

SCHEDULE E-6	SERVICE COMMISSION	OPC ROG 8-175	EVDI		PAGE 4 OF 5 TYPE OF DATA SHOWN:							
COMPANY:	PIVOTAL UTILITY HOLDINGS, INC. DIBA FLORIDA CITY GAS 20170179-GU		EXPL	ANATION: PROVID OF EXPENSES. (non			HISTORIC BASE YE	AR DATA: 12/31/2016 YEAR: 12/31/2018 /31/12 -12/31/2015	
							12/31/2016		12/31/2018			
LINE NO. ACCT NO.	OPERATION & MAINTENANCE	12/31/2012	12/31/2013	12/31/2014	12/31/2015	PER BOOKS	ADJUSTMENTS	ADJUSTED	PER BOOKS	ADJUSTMENTS	ADJUSTED	
1 907.00	Supervision	272	12/31/2013	12/31/2014	12/31/2013	T EK BOOKO	Absolutimento	ABIOUTED	-	Absolutimento	ADJOUTED	
2 908.00	CUSTOMER ASSISTANCE EXPENSES	15.311	8.028	7,525	6.069	- 9,319	-	- 9.319	- 10.412	-	10.412	
3 909.00	ENERGY CONSERVATION	5,841,326	5,042,169	4,391,684	4,874,246	5,331,959	(5,329,977)	1.982	5,501,146	(5,498,878)	2.268	
910.00	MISCELLANEOUS CUSTOMER SERVICE AND INFORMATIONAL EXPENSES	3,041,320	3,042,103	4,001,004	4,074,240	(22)	(0,020,011)	(22)	(25)	(0,430,070)	(25)	
4 911.00	SUPERVISION	-	65	106	57	(22)	_	(22)	(20)	_	(25)	
5 912.00	DEMONSTRATING & SELLING	402	17.244	577	34.437	12.023	-	12.023	14.851	-	14.851	
6 913.00	ADVERTISING	33,262	29,815	29,667	16,146	24,434	-	24,434	519,842		519,842	
7 916.00	MISC. SALES EXPENSE				-		-	,		-	-	
8	TOTAL SALES EXPENSE	5,890,572	5,097,321	4,429,558	4,930,956	5,377,717	(5,329,977)	47,740	6,046,232	(5,498,878)	547,354	
9 920.00	ADMIN & GEN SALARIES	6,158,692	7,667,554	8,285,892	8,479,526	9,399,571	-	9,399,571	10,805,790	-	10,805,790	
10 921.00	OFFICE SUPPLIES & EXP	1,583,295	1,550,819	1,741,883	1,652,643	1,588,568	-	1,588,568	1,347,290	-	1,347,290	
11 922.00	ADMIN EXP TRANS (CR)	(2,043,558)	(2,186,665)	(2,536,434)	(1,797,648)	(2,603,147)	-	(2,603,147)	(2,907,083)	-	(2,907,083)	
12 923.00	OUTSIDE SERVICES EMPLOYED	1,346,428	1,425,094	2,022,954	1,761,575	1,974,272	-	1,974,272	2,077,545	-	2,077,545	
13 924.00	PROPERTY INSURANCE	370,513	315,175	331,812	341,538	342,175	-	342,175	308,850	-	308,850	
14 925.00	INJURIES & DAMAGES	292,469	527,698	275,297	176,658	185,986	-	185,986	163,923	-	163,923	
15 926.00	EMPLOYEE PENSION & BENEFITS	2,542,421	2,770,841	1,926,923	2,311,328	2,724,255	-	2,724,255	2,013,919	-	2,013,919	
16 927.00	FRANCHISE REQUIREMENTS	-	-	-	-	-	-	-	-	-	-	
17 928.00	REGULATORY COMMISSION EXP.	-	-	-	-	-	-	-	-	-	-	
18 929.00	DUPLICATE CHARGES (CR)	-	-	-	-	-	-	-	-	-	-	
19 930.10	GENERAL ADVERTISING EXP	-	-	-	-	-	-	-	-	-	-	
20 930.20	MISC GENERAL EXPENSES	569,760	637,605	714,177	518,548	539,102	(77,421)	461,681	850,945	270,787	1,121,733	
21 931.00	RENTS	561,949	540,279	514,565	451,103	351,166	-	351,166	381,484	-	381,484	
22 932.00	MAINT OF GENERAL PLANT	549,070	748,579	734,597	707,768	800,289	-	800,289	975,488	-	975,488	
23	TOTAL A & G EXPENSE	11,931,039	13,996,980	14,011,666	14,603,038	15,302,236	(77,421)	15,224,815	16,018,152	270,787	16,288,939	
24	TOTAL O & M EXPENSE	39,425,753	47,935,705	51,532,452	46,613,296	44,232,717	(23,971,287)	20,261,430	49,016,059	(26,112,153)	22,903,906	

SUPPORTING SCHEDULES: C-1

SCHEDULE E-6 FLORIDA PUBLIC SERVICE COMMISSION COMPANY: PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS DOCKET NO: 20170179-GU			DERIVATION OF OVERALL COST OF SERVICE PAGE 5 OF 5 EXPLANATION: PROVIDE A SCHEDULE SHOWING DERIVATION OF EXPENSES AND COST OF SERVICE. PROJECTED TEST YEAR: 12/31/2 PROJECTED TEST YEAR: 12/31/2 PRIOR YEARS: 12/31/2 PRIOR									
LINE							12/31/2016			12/31/2018		
NO	EXPENSES & COST OF SERVICE	12/31/2012	12/31/2013	12/31/2014	12/31/2015	PER BOOKS	ADJUSTMENTS	ADJUSTED	PER BOOKS	ADJUSTMENTS	ADJUSTED	
1 DEPREC	ATION EXPENSE	11,181,517	11,395,928	12,505,200	13,251,586	14,039,209	(6,736)	14,032,474	16,785,014	(1,085,710)	15,699,304	(1)
2 AMORT.	& DEPL. OF UTILITY PLANT		-	-	-	(56,883)	-	(56,883)	(113,767)	-	(113,767)	
3 AMORT. OF UTILITY PLANT ACQ. ADJ.		721,895	721,895	721,895	721,895	721,895	-	721,895	721,895	-	721,895	
4 AMORT. OF CONVERSION EXPENSES		381,257	406,414	416,605	426,838	382,891	-	382,891	284,286	-	284,286	
5 REGULATORY DEBITS		<u> </u>	1,192,705	1,121,298	1,183,925	1,306,754	(1,306,754)	-	1,196,746	(1,196,746)	-	
6 TOTAL D	EPR. & AMORT EXPENSE	12,284,669	13,716,941	14,764,997	15,584,243	16,393,866	(1,313,490)	15,080,376	18,874,174	(2,282,456)	16,591,718	
7 TAXES O	THER THAN INCOME	7,026,100	7,406,548	7,416,435	7,343,765	7,369,211	(4,608,574)	2,760,636	7,769,611	(4,869,262)	2,900,349	
8 RETURN	(REQUIRED N.O.I.)	8,233,084	8,511,877	9,055,868	10,138,737	11,543,284	2,966,144	14,509,428	13,860,929	6,063,760	19,924,689	(2)
9 INCOME	TAXES	4,804,266	4,172,313	4,503,674	3,373,794	4,328,549	(952,323)	3,376,226	916,639	(288,728)	627,912	(2)
10 TOTAL C	DST TO SERVE	71,773,872	81,743,385	87,273,426	83,053,836	83,867,627	(27,879,530)	55,988,097	90,437,413	(27,488,839)	62,948,573	
										Revenues	53,847,331 - 9	see Schedule G2-1
										NOI Deficiency	(9,101,242)	

9,101,242 - Per Schedule G-5

SUPPORTING SCHEDULES: C-1 RECAP SCHEDULES: (2) The changes are primarily due to the following: change in federal income tax rate from 35% to 21%, the amortization of excess deferred taxes for protected and non-protected property, as well as reclassifications, corrections, and adjustments that were identified in OPC ROG 1-14.

SCHEDULE E-7

FLORIDA PUBLIC SERVICE COMMISSION COMPANY: PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS DOCKET NO.: 20170179-GU

EXPLANATION: PROVIDE THE CALCULATION OF THE AVERAGE COST OF METER SET AND SERVICE BY RATE CLASS TYPE OF DATA SHOWN: HISTORIC BASE YEAR: 12/31/16 PROJECTED TEST YEAR: 12/31/18 WITNESS: R. MULLER

		SALES SERVICES:												
LINE		RESIDENTIAL	RESIDENTIAL	RESIDENTIAL	GAS	COMMERCIAL	CONTRACT	NATURAL						
NO.	DESCRIPTION	RS-1	RS-100	RS-600	LIGHTING	GS-1	GS-6k	GS-25k	GS-120k	GS-1,250k	GS-11M	GS-25M	DEMAND SERVICE	
	SERVICE LINE:													
1	PIPE AND PIPING	\$642	\$806	\$1,274	\$642	\$1,436	\$1,449	\$4,474	\$12,396	\$31,043	\$64,569	\$140,850	\$217,131	\$1,449
	METER:													
2	Meter Only	\$131	\$132	\$177		\$355	\$591	\$1,041	\$3,224	\$7,127	\$20,407	\$40,631	\$164,402	\$591
3	ERT	\$0	\$0	\$2		\$27	\$59	\$92	\$92	\$92				\$59
4	AMR	\$0	\$0	\$0		\$5	\$7	\$70	\$1,085	\$1,778	\$3,200	\$3,200	\$3,200	\$7
5	Press Corr Cost	\$0	\$0	\$0		\$71	\$193	\$805	\$1,379	\$1,404	\$1,404	\$1,404	\$1,404	\$193
6	Regulator	\$0	\$0	\$6		\$101	\$231	\$478	\$1,038	\$2,318	\$5,000	\$6,000	\$64,569	\$231
7	MSA/Ancillary Piping	\$87	\$88	\$118		\$196	\$281	\$383	\$1,083	\$1,622	\$3,000	\$5,000	\$5,000	\$281
8	Total Labor Cost	\$34	\$34	\$37		\$133	\$266	\$997	\$4,533	\$6,444	\$9,000	\$10,000	\$10,000	\$266
9	Overhead	\$34	\$34	\$46		\$120	\$220	\$522	\$1,679	\$2,806	\$5,671	\$8,954	\$8,954	\$220
10	Total Meter Set	\$285	\$288	\$385		\$1,008	\$1,848	\$4,388	\$14,113	\$23,591	\$47,682	\$75,188	\$257,529	\$1,848
11	TOTAL	\$927	\$1,094	\$1,659	\$642	\$2,444	\$3,297	\$8,862	\$26,509	\$54,634	\$112,251	\$216,038	\$474,660	\$3,297
12	INDEX (1)	1.00	1.18	1.79	0.69	2.64	3.56	9.56	28.60	58.93	121.09	233.04	512.02	3.56

(1) TOTAL AVERAGE COST BY CLASS COMPARED TO THE RESIDENTIAL CLASS

SUPPORTING SCHEDULES: WORKPAPERS

COST STUDY - DERIVATION OF FACILITIES

FLORIDA PUBLIC SERVICE COMMISSION COMPANY: PIVOTAL UTILITY HOLDINGS, INC. D/B/A FLORIDA CITY GAS DOCKET NO.: 20170179-GU

EXPLANATION: TO PROVIDE A SCHEDULE SHOWING THE DERIVATION OF DEDICATED FACILITIES.

NAME OF RATE CLASS IN WHICH DEDICATED FACILITIES EXIST

TYPE OF DATA SHOWN: PROJECTED TEST YEAR: 12/31/18 WITNESS: M. MORLEY

DESCRIPTION:

NOT APPLICABLE

SYSTEM MILES OF MAIN:

MILES OF MAIN DEDICATED TO CLASS: NET COST OF MAIN DEDICATED TO CLASS: OTHER NET DISTRIBUTION PLANT RELATED TO CLASS: DISTRIBUTION 0 & M EXPENSES RELATED TO CLASS: PERCENTAGE OF MILES OF DEDICATED MAIN TO SYSTEM MILES OF MAIN: