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SOAH DOCKET NO. 473-04-3554

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PETITION TO INQUIRE INTO THE  
REASONABLENESS OF THE RATES  
AND SERVICES OF CAP ROCK  
ENERGY CORPORATION

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§

PUBLIC UTILITY COMMISSION  
BEFORE THE STATE OFFICE  
OF  
ADMINISTRATIVE HEARINGS

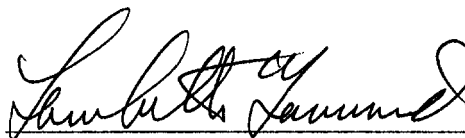
**CAP ROCK ENERGY CORPORATION'S RESPONSE TO COMMISSION STAFF'S  
SIXTEENTH REQUEST FOR INFORMATION, QUESTION NO. MT16-175**

**To:** The Staff of the Public Utility Commission of Texas, by and through its attorney of record, Patrick J. Sullivan, 1701 N. Congress Avenue, P.O. Box 13326, Austin, Texas 78711-3326

Cap Rock Energy Corporation ("Cap Rock" or the "Company") files its response to the Staff's Sixteenth Request for Information, Question No. MT 16-175. This response may be treated by all parties as if it were filed under oath.

Respectfully submitted,

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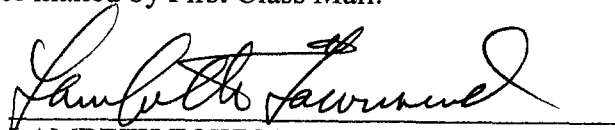
MELISSA E. RAMIREZ  
State Bar No. 24027645

ATTORNEYS FOR CAP ROCK ENERGY  
CORPORATION

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**CERTIFICATE OF SERVICE**

I, LAMBETH TOWNSEND, attorney, certify that a copy of this document was served on all parties of record in this proceeding on this the 28th day of July, 2004, in the following manner: hand delivered, sent via facsimile, or mailed by First Class Mail.

  
LAMBETH TOWNSEND

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**SOAH DOCKET NO. 473-04-3554  
PUC DOCKET NO. 28813**

**CAP ROCK ENERGY CORPORATION'S RESPONSES TO COMMISSION STAFF'S  
SIXTEENTH REQUEST FOR INFORMATION, QUESTION NO. MT16-175**

**MT 16-175:**           **Please provide a 4 Coincident Peak (4CP) allocator and an Average and Excess (A&E) 4CP allocator for the customer classes. Please provide these allocators in the same fashion as the other allocators in Schedule P-7.1.**

**RESPONSE:**

See the attached Tables MT-175.1 and MT-175.2.

Prepared by:           J. Stephen Gaske

Sponsored by:         J. Stephen Gaske

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Table MT-175.1  
Calculation of 4CP and Average & Excess Allocators

4CP KW Estimates from Schedule O-1.4							
	General Service - City Limits	Lighting	Irrigation	Small Commercial	Large Pwr Primary	Large Pwr Secondary	Cotton Gin
General Service	61,685	164	1,586	33,510	10,252	5,041	7,388
January-03	67,341	164	3,269	34,511	16,509	8,140	-
February-03	55,608	-	12,175	34,472	15,748	8,023	-
July-03	58,558	-	15,516	35,619	19,478	9,100	-
August-03	243,192	327	32,547	138,112	61,987	30,304	7,388
4-CP Total	46.62%	1.50%	0.06%	26.47%	11.88%	5.81%	1.42%
4-CP Percent							100.00%

Test Year (Adjusted) kWh Sales from Schedule O-1.1 and Non-Coincident Peaks from Schedule O-1.4							
	General Service - City Limits	Lighting	Irrigation	Small Commercial	Large Pwr Primary	Large Pwr Secondary	Cotton Gin
General Service	247,621,111	329,561	45,397,985	180,147,137	143,566,126	57,956,231	5,368,740
Average Hourly KW	28,267	38	5,182	20,565	16,389	6,616	613
Average %	35.95%	0.05%	6.59%	26.16%	20.84%	8.41%	0.78%
Cotton Gin NCP							9,481.0
Less: Disconnects							3,107.0
Non-Coincident KW	71,581.8	163.5	22,732.5	42,291.3	22,079.9	10,288.1	6,374.0
Excess KW	43,315	126	17,550	21,727	5,691	3,672	5,761
Excess %	43.64%	0.13%	17.68%	21.89%	5.73%	3.70%	5.80%
Wtd. Avg. of Average & Excess	40.24%	1.33%	12.78%	23.78%	12.41%	5.78%	3.58%
							100.00%
							100.00%
							55.80%
							100.00%
							44.20%
							100.00%

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Table MT-175.2  
4CP and Average & Excess Allocators

Line No.	Description	Support	Schedule Reference	Mnemonic	Units	Amount	RES		
							RES		
							General Service		
							Customer Energy Demand		
3	Average and Excess Demand at the Transmission Level					100.00%			40.24%
4									

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## Table MT-175.2

### Average and Excess Demand at the Transmission Level

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Table MT-175.2  
4CP and Average & Excess Allocators

Line No.	Description	Support	Schedule Reference	Mnemonic	Units	Amount	IRRIG				COMM			
							IRRIG	IRRIG	IRRIG	IRRIG	COMM	COMM	COMM	COMM
							Customer Energy Demand				Customer Energy Demand			
2	High Seasonality Commercial Peaks					524.68								
3	Average and Excess Demand at the Transmission Level			4CP	%	100.00%								
4				AET	%	100.00%				12.78%				23.78%

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Table MT-175.2  
4CP and Average & Excess Allocators

Line No.	Description	Support	Schedule Reference	Mnemonic	Units	Amount	Large Power - Primary Customer Energy Demand				Large Power - Secondary Customer Energy Demand				
							LPP	LPP	LPP	LPS	LPS	LPS	LPS	LPS	
2	Estimated Concurrent Peaks					521.88									
3	Average and Excess Demand at the Transmission Level			4CP	%	100.00%									
4				AET	%	100.00%								12.41%	5.78%

Table MT-175.2

Line No.	Description	Schedule Reference	Mnemonic Units	Amount
	Average and Excess Demand at the Transmission Level		AET %	100.00%
3 4				3.58%

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