STATE OF GEORGIA
BEFORE THE GEORGIA PUBLIC SERVICE COMMISSION

IN RE:	)	
	)	
LIBERTY UTILITIES (PEACH STATE NATURAL GAS) CORP. 2022 – 2023 GAS SUPPLY PLAN	)	**DOCKET NO. 44392**
	)	
	)	

JOINT MOTION OF THE NATURAL GAS STAFF OF THE GEORGIA PUBLIC SERVICE COMMISSION AND LIBERTY UTILITIES (PEACH STATE NATURAL GAS) CORP. TO APPROVE THE ADDENDUM TO THE STIPULATION

The Natural Gas Staff of the Georgia Public Service Commission ("Staff") and Liberty Utilities (Peach State Natural Gas) Corp. ("Liberty Utilities" or the "Company") jointly move the Georgia Public Service Commission ("Commission") to approve the attached Addendum to the Stipulation. Approval of the Addendum to the Stipulation will amend the 2022 – 2023 Gas Supply Plan, which this Commission approved on September 1, 2022, as modified by the initial Stipulation (the "Initial Stipulation"). The Addendum to the Stipulation is attached hereto as "DN 44392 Exhibit B (Addendum to Stipulation-1)" and is submitted pursuant to Georgia's gas supply plan and adjustment factor statute. More specifically, O.C.G.A. § 46-2-26.5(m) and Commission Rule 515-7-2-.06(1) provide that once a gas supply plan has become effective under the provisions of O.C.G.A. § 46-2-26.5 as a result of a proceeding before the Commission, the Commission may, after affording due notice and opportunity for hearing to the affected utility and the intervenors in the proceeding, amend the gas supply plan of the affected utility for the remainder of the Recovery Year. In support thereof, Staff and Liberty Utilities submit the following:

1. On June 1, 2022, Liberty Utilities filed the Company's 2022 – 2023 Gas Supply Plan.
2. Liberty Utilities provided notice of the Gas Supply Plan as directed by this Commission's Procedural and Scheduling Order of April 12, 2022.
3. No petitions to intervene were filed in this docket.

4. During the course of Staff's due diligence through discovery and multiple meetings with the Company, Liberty determined that the design day forecasts, as initially filed, were consistently under forecasting actual customer requirements.

5. On August 26, 2022, Gas Staff of the Georgia Public Service Commission ("Staff") and the Company entered into the Initial Stipulation, which was filed with the Commission on August 29, 2022, together with the joint pre-filed testimony of Joshua Tilbury (on behalf of Liberty Utilities) and Samuel Johnson (on behalf of Staff) in support of the Initial Stipulation agreed to by Staff and the Company.

6. As part of the Initial Stipulation, the Parties did not ask the Commission to approve the 2022 – 2023 design day forecast as submitted by Liberty Utilities on June 1, 2022. Instead, the Company committed to calculate a new design day forecast for the 2022 – 2023 winter season that more accurately forecasts firm requirements than the initial forecast filed in this docket. The Company further committed to submit the revised forecast to Staff for consideration and comments. Liberty and Staff mutually agreed to work to reach agreement on revised design day requirements so that an amendment to the 2022 – 2023 Gas Supply Plan could then be presented to the Commission with a request for consideration in time to prepare for this coming winter heating season.

7. On September 1, 2022, following a hearing on this matter, the Commission held a Special Administrative Session for this docket, at which the Commission found approval of the Stipulation to be reasonable, appropriate, and in the public interest.

8. In compliance with the mutual commitments made in the Initial Stipulation in this docket, Liberty Utilities prepared and presented to Staff revised design day forecasts for its service territories in and around Gainesville and its service territories in and around Columbus.

9. Representatives of the Company and Staff convened in person in Gainesville on October 3 – 5, 2022, and met by video conference on October 6, 2022, to review, examine, test, and verify the revisions to the initial design day forecasts for the 2022 – 2023 Gas Supply Plan. The Staff and the Company have continued to work together on the revised forecast until the time of this current filing.

10. The Addendum to the Stipulation includes revised design day forecasts identified as Exhibit II (Revised), which according to the accompanying Affidavit of Joshua Tilbury, was

prepared by or under the supervision of Mr. Tilbury and is, to the best of his knowledge and belief, true and correct.

WHEREFORE, Staff and Liberty Utilities request that the Commission approve the Addendum to the Stipulation. Approval of this Addendum to the Stipulation, in addition to the Initial Stipulation previously approved by the Commission, will resolve all of the remaining issues in this 2022 – 2023 Gas Supply Plan docket

Respectfully submitted his 24th day of October 2022.

Jack Branch, Attorney for the
Natural Gas Staff of the

State Bar of Georgia Number 586653
Georgia Public Service Commission
244 Washington Street, SW
Atlanta, GA 30334-5701
jbranch@psc.ga.gov

Mark D. Caudill, LLC, Attorney for Liberty
Utilities (Peach State Natural Gas) Corp.

State Bar of Georgia Number 768424
3290 Commons Gate Bend
Berkeley Lake, GA 30092-4946
Voice: 404-394-4663
Mark@MDCaudill.com

BEFORE THE GEORGIA PUBLIC SERVICE COMMISSION

IN RE:	)	
	)	
LIBERTY UTILITIES (PEACH STATE NATURAL GAS) CORP. 2022 - 2023 GAS SUPPLY PLAN	)	**DOCKET NO. 44392**

ADDENDUM TO STIPULATION

WHEREAS, the Georgia Public Service Commission Natural Gas Staff (a "Party" to this Addendum to Stipulation and hereinafter referred to within this Addendum to Stipulation as "Staff"), and Liberty Utilities (Peach State Natural Gas) Corp. (a "Party" to this Addendum to Stipulation and hereinafter referred to within this Addendum to Stipulation as either "Liberty Utilities" or the "Company") entered into a Stipulation in this Docket on August 26, 2022 (referred to herein as the "Initial Stipulation"), in which the Parties requested that the Commission approve specific aspects of the Company's 2022 – 2023 Gas Supply Plan; and

WHEREAS, after a hearing on the Initial Stipulation, on September 1, 2022, the Commission held a Special Administrative Session and approved the Initial Stipulation; and

WHEREAS, the Parties acknowledged in the Initial Stipulation that a revised 2022 – 2023 design day forecast for Liberty Utilities' service territories would be required; and

WHEREAS, in compliance with the mutual commitments made in the Initial Stipulation in this docket, Liberty Utilities prepared and presented to Staff revised design day forecasts for its service territories in and around Gainesville and its service territories in and around Columbus; and

WHEREAS, representatives of the Company and Staff convened in person in Gainesville on October 3 – 5, 2022, to review, examine, test, and verify the revisions to the initial design day forecasts for the 2022 – 2023 Gas Supply Plan, and met by video conference on October 6, 2022. Staff and the Company continued to work together on the revised forecast until the time of this Addendum to Stipulation was completed; and

WHEREAS, the results of the revised design day forecasts are attached as Exhibit II (Revised), to replace pages 1 – 7 of the Exhibit II filed on June 1, 2022;

NOW THEREFORE, the Parties agree to the following Addendum to Stipulation as a final resolution to the Company's 2022 – 2023 Gas Supply Plan.

1. Affirmation of Initial Stipulation

The Initial Stipulation approved by the Commission on September 1, 2022, remains fully in effect as if fully set forth herein, except as specifically modified by this Addendum to Stipulation (if approved by the Commission). All previous Commission Orders and existing tariff provisions not specifically addressed by an Order of the Commission approving this Addendum to Stipulation remain in effect.

2. Additional Provisions Addressed by the Addendum to the Stipulation

Staff and Liberty Utilities agree to the following paragraphs 11 and 12, in addition to the paragraphs set forth in the Initial Stipulation:

11. **Design Day Forecasts.** For the 2022 – 2023 Plan Year, the Liberty Design Day Forecasts set forth in Exhibit II (Revised) are approved as filed on Tuesday, October 25, 2022.

12. **Peaking Services**

a. **Peaking Services for Gainesville and Surrounding Areas**
Liberty Utilities is authorized to contract for new citygate bundled peaking services for no less than five days during the 2022 – 2023 winter heating season, for a maximum daily quantity ("MDQ") of 3,600 Dth/Day to include an approximate 5% reserve margin above the forecasted firm design day requirement for its service territories in and around Gainesville. Consistent with prior peaking service authorizations, Liberty is authorized to use a "best cost" acquisition strategy, if Liberty can obtain a higher level of service and/or a longer duration of service at a cost no greater than the optimal peaking services.

b. **Peaking Services for Columbus and Surrounding Areas**
Liberty Utilities is authorized to contract for new citygate bundled peaking services for no less than five days during the 2022 – 2023 winter heating season, for a maximum daily quantity ("MDQ") of 6,800 Dth/Day to provide approximately a 5% margin above the forecasted firm design day requirement for its service territories in and around Columbus Consistent with prior peaking service authorizations, Liberty is authorized to use a "best cost" acquisition strategy, if Liberty can obtain a higher level of service and/or a longer duration of service at a cost no greater than the optimal peaking services.

13. **Request for Commission Approval.**

The Parties request that the Commission approve the Addendum to Stipulation for the 2022 – 2023 Gas Supply Plan as modified by the Initial Stipulation. If this Addendum to Stipulation is not accepted by the Commission in accordance with the provisions hereof, this Addendum to Stipulation shall be void and of no further effect and shall not prejudice any position taken by either Party and shall not be admissible evidence in this or in any other proceeding.

Agreed to this 24th day of October 2022.

Title: *Director, Natural Gas Unit*
On behalf of
Georgia Public Service Commission Staff

Title: *President*
On behalf of
Liberty Utilities (Peach State Natural Gas) Corp.

STATE OF GEORGIA
BEFORE THE GEORGIA PUBLIC SERVICE COMMISSION

IN RE:

LIBERTY UTILITIES (PEACH STATE NATURAL GAS) CORP. 2022 – 2023 GAS SUPPLY PLAN	)	**DOCKET NO. 44392**

TRADE SECRET FILING OF
LIBERTY UTILITIES (PEACH STATE NATURAL GAS) CORP.

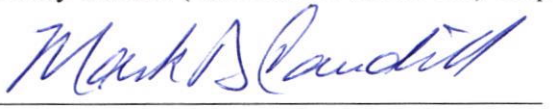
Simultaneously with this filing, Liberty Utilities (Peach State Natural Gas) Corp. ("Liberty Utilities" or the "Company") is filing with the Georgia Public Service Commission ("Commission") the Company's Amended 2022 - 2023 Gas Supply Plan ("Plan"), which includes the pre-filed direct testimony of Joshua Tilbury, together with Exhibit II Revised sponsored as part of the Company's Plan. The Exhibit II (Revised) contains materials that are of a proprietary and trade secret nature. Liberty Utilities is therefore filing the proprietary and trade secret portions of this Exhibit pursuant to Commission Rule 515-3-1-.11 governing trade secrets.

The Exhibit II (Revised) contains information, more specifically pages 3, 4, 6, and 7, that the Company deems to be proprietary. The Company is providing the trade secret documents and information as part of its 2022 – 2023 Gas Supply Plan Amendment because they contain information that is required by the Commission's Rules and Minimum Filing Requirements to be filed as part of a gas supply plan. The information derives economic value to the Company and to the Company's customers from not being generally known to others. Liberty Utilities submits the data and pricing information are highly confidential and competitively sensitive. Accordingly, consistent with the Company's own interests, and the interests of its customers, the Company protects against disclosure of this information.

Pursuant to the terms of Commission Rule 515-3-1-.11, Liberty Utilities is providing information under protective seal (each page is marked "Trade Secret"). The trade secret documents have been numbered and the Company is maintaining a master list of these documents. Additionally, the affidavit of Joshua Tilbury is attached hereto.

Respectfully submitted this 24th day of October 2022.

MARK D. CAUDILL, LLC, Attorney for
Liberty Utilities (Peach State Natural Gas) Corp.



By: Mark D. Caudill

State Bar of Georgia No. 768424
3290 Commons Gate Bend
Berkeley Lake, GA 30092-4946
Voice: 404-394-4663
Mark@MDCaudill.com

BEFORE THE GEORGIA PUBLIC SERVICE COMMISSION
STATE OF GEORGIA

IN RE:	)	
	)	
LIBERTY UTILITIES (PEACH STATE NATURAL GAS) CORP.'S 2021 – 2022 GAS SUPPLY PLAN	)	**DOCKET NO. 44392**
	)	
	)	

AFFIDAVIT FOR TRADE SECRET FILING

STATE OF ~~GEORGIA~~ NH DCR)

COUNTY ~~OF COBB~~ Merrimack DCR)

Joshua Tilbury first being duly sworn, deposes and says that he is familiar with the contents of the accompanying Trade Secret records, reports, and Trade Secret Filing, and that to the best of his knowledge and belief, the information in the records and reports constitute trade secrets pursuant to Article 27 of Chapter 1 of Title 10 as set forth in the accompanying Trade Secret Filing.

Signed this 24 day of October, 2022.

By: _____
Joshua Tilbury
Director, Energy Procurement

SUBSCRIBED AND SWORN TO before me, the undersigned authority

This 24 day of October, 2022.

My Commission Expires 3/3/26

_____
Notary Public

DAVID C MURDO
NOTARY PUBLIC
My Commission Expires 03/03/2026
MERRIMACK COUNTY, NEW HAMPSHIRE

BEFORE THE GEORGIA PUBLIC SERVICE COMMISSION

IN RE:	)	
LIBERTY UTILITIES (PEACH	)	
STATE NATURAL GAS) CORP.'S	)	**DOCKET NO. 44392**
2021 – 2022 GAS SUPPLY PLAN	)	

CERTIFICATE OF SERVICE

I, Mark D. Caudill, on behalf of Liberty Utilities (Peach State Natural Gas) Corp., hereby certify this date furnished a copy of the foregoing 2022 – 2023 GAS SUPPLY PLAN ADDENDUM TO THE STIPULATION, the EXHIBIT II (REVISED), and the TRADE SECRET FILING AND SUPPORTING AFFIDAVIT REGARDING THE EXHIBIT II (REVISED) by hand deliver, by email, by depositing a copy of same in United States mail with adequate postage affixed thereto, or by a prepaid overnight delivery service addressed to the following:

Sallie Tanner **
Executive Secretary
Georgia Public Service Commission
244 Washington Street, SW
Atlanta, Georgia 30334-9052
stanner@psc.ga.gov

Nancy Tyer **
Georgia Public Service Commission
244 Washington Street, SW
Atlanta, Georgia 30334
ntyer@psc.ga.gov

Jill Schwartz **
Manager, Rates and Regulatory Affairs
Liberty Utilities
602 S Joplin Ave.
Joplin, Missouri 64818
Jill.Schwartz@libertyutilities.com

Sam Johnson **
Georgia Public Service Commission
244 Washington Street, SW
Atlanta, Georgia 30334
sjohnson@psc.ga.gov

This 25th day of October 2022.

MARK D. CAUDILL, LLC, Attorney for
Liberty Utilities (Peach State Natural Gas) Corp.

By: _____
Mark D. Caudill

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3290 Commons Gate Bend
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* By Hand Delivery
** By Email
*** By US Mail
****By Overnight Delivery Service

BEFORE THE GEORGIA PUBLIC SERVICE COMMISSION
ATLANTA, GEORGIA

IN RE:	)	
	)	
LIBERTY UTILITIES (PEACH STATE NATURAL GAS) CORP.	)	**DOCKET NO. 43811**
2022 – 2023 GAS SUPPLY PLAN	)	

AFFIDAVIT

COUTNY OF Merrimack)
STATE OF NH)

Joshua Tilbury, first being duly sworn, deposes and says that he is Joshua Tilbury, who previously testified on behalf of the Applicant in the above-entitled proceeding.

Joshua Tilbury further states that the accompanying Exhibit II (Revised) was prepared by him or under his direct supervision, and to the best of his knowledge and belief, the Exhibit II (Revised) is true and correct.

Joshua Tilbury
Director, Energy Procurement

SUBSCRIBED AND SWORN TO before me, the

Undersigned Notary Public, this 24 day of October, 2022.

My Commission Expires 3/3/26

Notary Public

SEAL

DAVID C MURDO
My Commission Expires
NOTARY PUBLIC
03/03/2026
MERRIMACK COUNTY, NEW HAMPSHIRE

2021- 2022 Georgia Peak Day

Southern - Columbus, GA
Saturday, January 29, 2022

Peak Day Stats	
HDD =	32
MCF =	37,230
DTH =	38,520
BTU Factor =	1.035

Supply Utilized - DTH	
FT	12,800
Storage - CSS	20,290
Atmos LNG	0
End Users	5,430
Incremental	0
DTH	38,520

Allocation per Customer Class	
Firm Sales:	32,451
Interruptible Sales & Transport	6,069
DTH	38,520
MCF	37,230

Transco - Gainesville, GA
Monday, January 17, 2022

Peak Day Stats	
HDD =	33
MCF=	18,450
DTH =	18,981
BTU Factor=	1.029

Supply Utilized - DTH	
FT 9136963	7,400
FT 9136655	0
FT 9136657	0
FT 9136943	0
WSS 9136651	4,510
GSS 9137183	1,424
LNG 9136653	0
ESS 9136654	252
End Users	5,395
DTH	18,981
	0

Allocation per Customer Class	
Firm Sales:	13,094
Interruptible Sales & Transport	5,887
DTH	18,981
MCF	18,450

Liberty Utilities (Peach State Natural Gas) Corp.
2022-2023 Design Day Summary

Load Study:	Columbus, GA
Weather Station:	KCSG
Design Day HDD Method:	Coldest Day Since 1984
Data Sample:	12/1/2019 to 3/31/2022

Design Day DTH Summary				**Notes**
Regression R^2	0.9812			
Forecasted DTH	60,618	**Date of Design Day:**	1/21/1985	Forecasted DTH includes Woodland and Manchester
5% Error Margin	3,031	**HDD**	54.5	
3rd Party Obligations DTH	0	**HDD(-1)**	41.5	
Total Forecasted DTH	63,648			
Final Deliverable Capacity DTH	63,744			
Reserve Capacity DTH	96			
Reserve Margin Capacity (%)	0.15%			

Summary of Final Delivery Capacity

Pipeline	Contract # & Description		MDQ Dth	Notes
SNG	451895-FTSNG		12,000	Year round daily transportation entitlement.
SNG	451894-FTSNG		21,436	Year round daily transportation entitlement.
SNG	451893-FNSNG		22,009	Year round daily transportation entitlement.
SNG	469678-FTSNG	From Manchester system acquisition	686	686 Dth/d zone 3 seasonal entitlement (Nov.-Apr.) used to deliver to Columbus zone 2 delivery points during winter. Entitelment: November to March 686 Dth/d, April 67 Dth/d.
SNG	463734-FTSNG	From Woodland system acquisition	39	Daily transport entitlement ratchets: Nov-Mar: 39 dth, Apr: 18 dth, May:0 dth, June: 3 dth, July: 1 dth, Aug: 5 dth, Sept: 0 dth, Oct: 9 dth.
SNG	463736-FTSNG	From Woodland system acquisition	104	104 Dth/d zone 3 seasonal entitlement (Nov-Mar): 100 Dth/d used to deliver to Columbus zone 2 delivery points during winter.
SNG	469663-FTSNG	From Manchester system acquisition	150	Year round daily transportation entitlement.
SNG	469681-FNSNG	From Manchester system acquisition	520	Transport ratchets: Daily entitlement Nov-Apr: 520 dth/d, May: 297 dth/d, June: 255 dth/d, July: 244 dth/d, Aug: 265 dth/d, Sept: 246 dth/d, Oct: 490 dth/d.
SNG	Delivered Peaking Service		6,800	
		Total Capacity	**63,744**	

Summary of Upstream and Storage Capacity

Pipeline	Contract # & Description	MDQ Dth	Notes
SNG	451896-CSSNG	29,345	MSQ 1,453,265; MDIQ 11,179, MDWQ 29,345 Ratchets: 29,345 (60-100%); 25,823 (50-59%); 22,889 (25-49%); 16,433 (0-24%)
SNG	463737-CSSNG	104	From Woodland acquisition
SNG	451939-CSSSNG	897	From Manchester acquisition, MSQ 44,409, MDIQ 341, MDWQ=896
	Total Upstream and Storage Capacity	**30,346**	

Columbus, GA Initial Test for Model Stability

Stability Test for Columbus, GA

Dependent Variable: COLUMBUS_FIRM				
Method: Least Squares				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
R-squared		Mean dependent var		
Adjusted R-squared		S.D. dependent var		
S.E. of regression		Akaike info criterion		
Sum squared resid		Schwarz criterion		
Log likelihood		Hannan-Quinn criter.		
F-statistic		Durbin-Watson stat		
Prob(F-statistic)		Wald F-statistic		
Prob(Wald F-statistic)				

Quandt-Andrews unknown breakpoint test		
Null Hypothesis: No breakpoints within 10% trimmed data		
Statistic	Value	Prob.

Dependent Variable: COLUMBUS_FIRM				
Method: Least Squares				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
R-squared		Mean dependent var		
Adjusted R-squared		S.D. dependent var		
S.E. of regression		Akaike info criterion		
Sum squared resid		Schwarz criterion		
Log likelihood		Hannan-Quinn criter.		
F-statistic		Durbin-Watson stat		
Prob(F-statistic)		Wald F-statistic		
Prob(Wald F-statistic)				

Quandt-Andrews unknown breakpoint test		
Null Hypothesis: No breakpoints within 10% trimmed data		
Statistic	Value	Prob.

Data and Graphs Redacted

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TRADE SECRET

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Coldest Day on Record for: Date:	Columbus, GA DD Stats 1/21/1985	DD(-1) 1/20/1985	LRV Calcs
Month			
Day of Week			
HDD			
HDD minus 30			
HDD(-1)			
DTH(-1)			
Monthly Load			
Daily Load			
Weather Load			
DTH Lag Load			
Forecasted Volume			

TRADE SECRET

Data Redacted

Regression Model for Design Day Calculation

Dependent Variable: COLUMBUS_FIRM

Variable	Coefficient	Std. Error	t-Statistic	Prob.

R-squared		Mean dependent var	
Adjusted R-squared		S.D. dependent var	
S.E. of regression		Akaike info criterion	
Sum squared resid		Schwarz criterion	
Log likelihood		Hannan-Quinn criter.	
Durbin-Watson stat			

Regression Model for DTH(-1) Derivation

Dependent Variable: COLUMBUS_FIRM

Variable	Coefficient	Std. Error	t-Statistic	Prob.

R-squared		Mean dependent var	
Adjusted R-squared		S.D. dependent var	
S.E. of regression		Akaike info criterion	
Sum squared resid		Schwarz criterion	
Log likelihood		Hannan-Quinn criter.	
Durbin-Watson stat			

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Liberty Utilities (Peach State Natural Gas) Corp.
2022-2023 Design Day Summary

Load Study:	Gainesville, GA
Weather Station:	KGVL
Design Day HDD Method:	Coldest Day Since 1984
Data Sample:	12/15/2013 to 3/31/2022

Design Day DTH Summary			
Regression R^2	0.9848		
Forecasted DTH	19,789	**Date of Design Day:**	1/21/1985
5% Error Margin	989	**HDD**	56
3rd Party Obligations	0	**HDD(-1)**	46
Total Forecasted DTH	20,778	**Notes:**	
Final Deliverable Capacity DTH	20,764		
Reserve Capacity DTH	(14)		
Reserve Margin Capacity (%)	-0.07%		

Summary of Final Delivery Capacity

Pipeline	Contract # & Description	MDQ Dth	Notes
Transco	FT Momentum 9136655	2,000	
Transco	FT 9136657	3,933	
Transco	FT 9136963	8,384	
Transco	FT 9136943	207	
Transco	GSS 9137183	2,640	Storage has own transport; MSQ 126,006; MDIQ 700; MDWQ 2,640 GSS Ratchets: 2,640 (35-100%); 2,614 (20-34%); 1,954 (7-19%); 1,452 (0-6%) Minimum GSS storage physical inventory thru Feb is 35% for RFP
Transco	Delivered Peaking Service	3,600	December to February only
	Total Capacity	**20,764**	

Summary of Upstream and Storage Capacity

Pipeline	Contract # & Description	MDQ Dth	Notes
Transco	ESS 9136654	2,640	MSQ 22,273; MDIQ 220; MDWQ 2,640; No ratchets
Transco	WSS 9136651	4,201	MSQ 399,069; MDIQ 2,217 MDWQ 4,201 WSS Ratchets: 4,201 (81-100%); 3,765 (61-80%); 3,411 (41-60%); 2,850 (21-40%); 2,307 (0-20%)
	Total Upstream and Storage Capacity	**6,841**	

Gainesville, GA Initial Test for Model Stability

Dependent Variable: GAINESVILLE_FIRM			
Method: Least Squares			
R-squared		Mean dependent var	
Adjusted R-squared		S.D. dependent var	
S.E. of regression		Akaike info criterion	
Sum squared resid		Schwarz criterion	
Log likelihood		Hannan-Quinn criter.	
F-statistic		Durbin-Watson stat	
Prob(F-statistic)	0	Wald F-statistic	
Prob(Wald F-statistic)	0		

Quandt-Andrews unknown breakpoint test
Null Hypothesis: No breakpoints within 10% trimmed data

Final Stability Test for Gainesville, GA

Dependent Variable: GAINESVILLE_FIRM			
Method: Least Squares			
R-squared		Mean dependent var	
Adjusted R-squared		S.D. dependent var	
S.E. of regression		Akaike info criterion	
Sum squared resid		Schwarz criterion	
Log likelihood		Hannan-Quinn criter.	
F-statistic		Durbin-Watson stat	
Prob(F-statistic)		Wald F-statistic	
Prob(Wald F-statistic)			

Quandt-Andrews unknown breakpoint test
Null Hypothesis: No breakpoints within 10% trimmed data

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Data and Graphs Redacted

TRADE SECRET

TRADE SECRET

Coldest Day on Record for: Date:	Gainesville DD Stats 1/21/1985	DD(-1) 1/20/1985	LRV Calcs
Month			
Day of Week			
HDD			
HDD55			
HDD(-1)			
DTH(-1)			
Monthly Load			
Daily Load			
Weather Load			
DTH Lag Load			
Post Model Adjustment			

TRADE SECRET

Data Redacted

Regression Model for Design Day Calculation				
Dependent Variable: GAINESVILLE_FIRM				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
R-squared		Mean dependent var		

Regression Model for DTH(-1) Derivation				
Dependent Variable: GAINESVILLE_FIRM				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
R-squared		Mean dependent var		
Adjusted R-squared		S.D. dependent var		

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