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DOCKET# 44392
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BEFORE THE GEORGIA PUBLIC SERVICE COMMISSION
STATE OF GEORGIA

IN RE:	**Docket No. 44392**
Liberty Utilities 2022-2023 Gas Supply Plan	

ORDER ADOPTING ADDENDUM TO STIPULATION

BACKGROUND

On June 1, 2022, Liberty Utilities (Peach State Natural Gas) Corp. ("Liberty Utilities" or the "Company") filed with the Georgia Public Service Commission ("Commission"), its Petition for Approval of the 2022-2023 Gas Supply Plan.

JURISDICTION AND AUTHORITY

The Commission has jurisdiction over this matter pursuant to inter alia O.C.G.A. §§ 46-2-20. More specifically, the Commission has general supervisory authority over natural gas utilities under O.C.G.A. § 46-2-20, and authority over gas supply plan during the Plan Year O.C.G.A. § 46-2-26.5(m). In Docket 44392, the Plan Year is the twelve (12) month beginning October 1, 2022. O.C.G.A. § 46-2-26.5. The Commission has authority to amend a gas supply plan during the Plan Year. O.C.G.A. § 46-2-26.5(m). The Commission is authorized to dispose of a proceeding by Stipulation. O.C.G.A. § 50-13-13(a)(4).

FINDINGS OF FACT AND CONCLUSIONS OF LAW

1.

On June 1, 2022, Liberty 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.

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 forecasts filed in this docket. The Company further committed to submit the revised forecasts to Staff for consideration and comments.

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 and approved 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 met 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 filed as an Exhibit to the Addendum.

10.

On October 25, 2022, Staff and the Company filed this Joint Motion in order to complete the commitments made in the Initial Stipulation to revise the design day forecasts submitted by the Company. The Addendum listed as Exhibit II (Revised) was filed Trade Secret.

11.

After a thorough review, the Commission approves the Addendum to the Stipulation (Attachment A) and finds that the terms are reasonable and provide resolution to the commitments made in the Initial Stipulation and are appropriate and in the public interest.

****

WHEREFORE IT IS ORDERED, that all findings, conclusions, and statements made by the Commission and contained in the foregoing sections of this Order are hereby adopted as findings of fact, conclusions of law, and statements of regulatory policy of this Commission.

ORDERED FURTHER, that the Commission hereby approves the Addendum to the Stipulation filed on October 25, 2022 in this Docket.

ORDERED FURTHER, that a motion for reconsideration, rehearing, or oral argument or any other motion shall not stay the effective date of this Order, unless otherwise ordered by the Commission.

ORDERED FURTHER, that jurisdiction over this matter is expressly retained for the purpose of entering such further Order or Orders the Commission may deem just and proper.

The above by action of the Commission during its Administrative Session on the 1st day of November 2022.

Sallie Tanner
Executive Secretary

11-8-22
Date

Tricia Pridemore
Chairman

11-8-22
Date

Attachment A

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 H (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.

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 =	16,450
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 R²	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

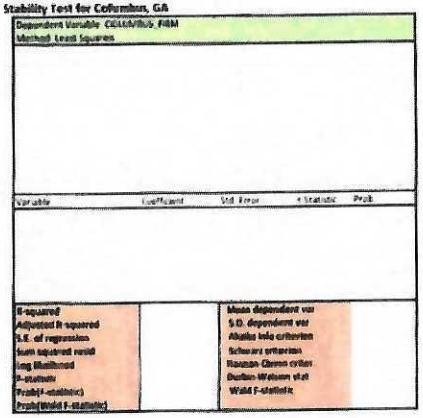
Pipeline	Contract # & Description		MDQ Dth	Notes
SNG	451895-FTSNG		12,000	Year round daily transportation entitlement
SNG	451894-FTSNG		21,436	Year round daily transportation entitlement
SNG	451893-FNSNG		22,009	Year round daily transportation entitlement
SNG	469578-FTSNG	From Manchester system acquisition	686	686 Dth/d zone 3 seasonal entitlement (Nov - Apr.) used to deliver to Columbus zone 2 delivery points during winter. Entitlement 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	469863-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**	

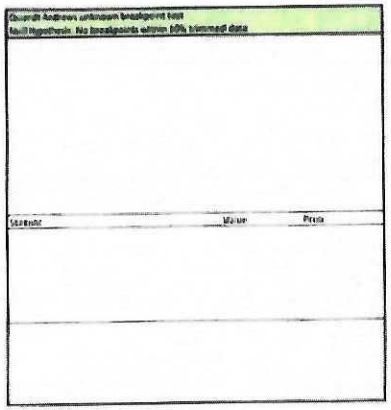
Summary of Upstream and Storage Capacity

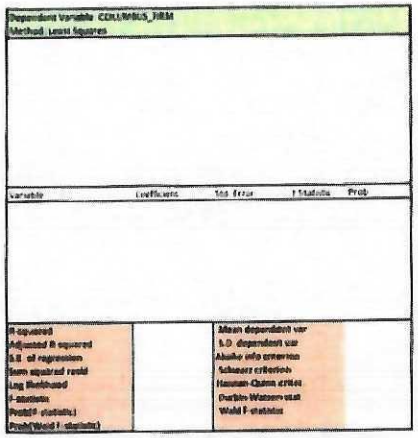
Pipeline	Contract # & Description	MDQ Dth	Notes
SNG	451896-CSSNG	29,345	MSQ 1,453,265, MDIQ 11,179, MDWQ 29,345 Ratchets 29,345 (60-100%) 25,823 (50-59%) 22,889 (25-49%) 18,433 (0-24%)
SNG	463737-CSSNG	104	From Woodland acquisition
SNG	451939-CSSSNG	897	From Manchester acquisition, MSQ 44,409, MDIQ 341, MDWQ=896
	Total Upstream and Storage Capacity	**30,346**	

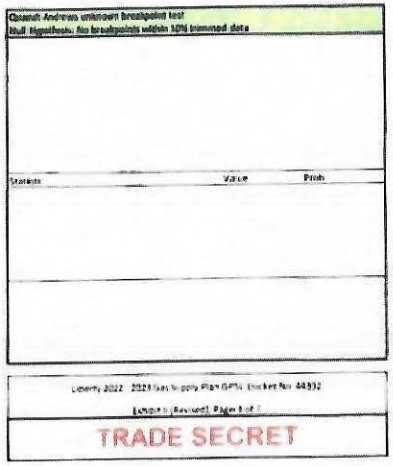
Columbus, GA Initial Test for Model Stability

Stability Test for Columbus, GA









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Data and Graphs Redacted

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			

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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			

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	[illegible]		
Reserve Margin Capacity (%)	-0.07%		

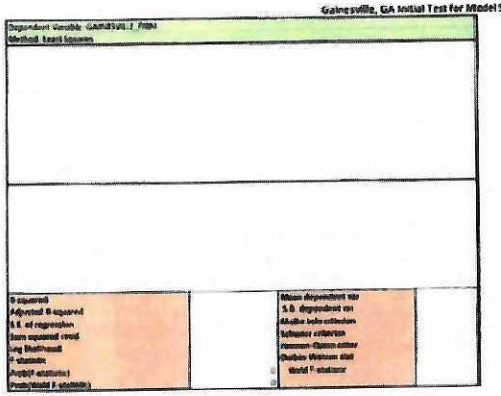
Summary of Final Delivery Capacity

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**	

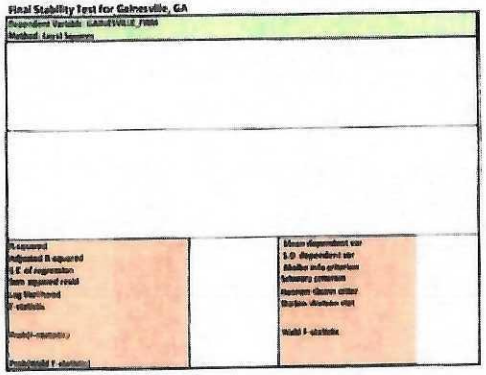
Gainesville, GA Initial Test for Model Stability

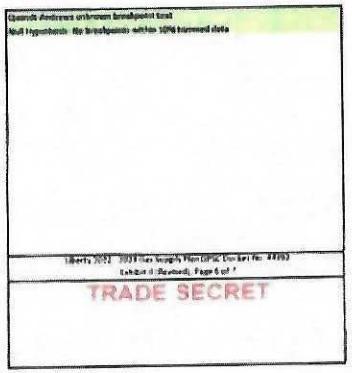




Data and Graphs Redacted

Final Stability Test for Gainesville, GA





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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			

Liberty 2022 - 2023 Gas Supply Plan GPSC Docket No. 44392

Exhibit II (Revised), Page 7 of 7

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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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