### Joinder Agreement to Affiliate Services Agreement Liberty Utilities Service Corp.

This Joinder Agreement to the June 30, 2017, Affiliate Services Agreement (the "Affiliate Services Agreement") is entered into and effective as of the 1st day of October, 2019, by and between Liberty Utilities Service Corp. ("LUSC") and Liberty Utilities (Gas New Brunswick) LP ("GNB"), Liberty Utilities (EnergyNorth Natural Gas) Corp., Liberty Utilities (Granite State Electric) Corp., Liberty Utilities (New England Natural Gas Company) Corp., Liberty Utilities (Peach State Natural Gas) Corp., Liberty Utilities (CalPeco Electric) LLC, Liberty Utilities (Park Water) Corp., Liberty Utilities (Apple Valley Ranchos Water) Corp., Liberty Utilities (Bella Vista Water) Corp., Liberty Utilities (Gold Canyon Sewer) Corp., Liberty Utilities (Litchfield Park Water & Sewer) Corp., Liberty Utilities (Black Mountain Sewer) Corp., Liberty Utilities (Entrada Del Oro Sewer) Corp., Liberty Utilities (Pine Bluff Water) Inc., Liberty Utilities (Rio Rico Water & Sewer) Corp., Liberty Utilities (Seaside Water) LLC, Liberty Utilities (Fox River Water) LLC, Liberty Utilities (Missouri Water) LLC, Liberty Utilities (Silverleaf Water) LLC, Liberty Utilities (Tall Timbers Sewer) Corp., Liberty Utilities (White Hall Sewer) Corp., Liberty Utilities (White Hall Water) Corp., Liberty Utilities (Woodmark Sewer) Corp., Liberty Utilities (Woodson-Hensley Water) Corp., Liberty Utilities (Midstates Natural Gas) Corp., The Empire District Electric Company, The Empire District Gas Company, and Empire District Industries, Inc. (each individually a "Liberty Utilities Entity" and collectively, the "Liberty Utilities Entities"). The parties to this Agreement are otherwise collectively referred to as the "Parties" or individually referred to as a "Party."

WHEREAS, under the terms of the Affiliate Services Agreement, LUSC employs individuals who are dedicated to providing services to specific Liberty Utilities Entities and other individuals who provide shared services across the Liberty Utilities Entities as well other companies within the Algonquin Power & Utilities Corp. holding company system;

WHERAS, under the terms of the Affiliate Services agreement, placement of utility employees within LUSC will allow those employees to continue to be employed on the same terms and conditions as when, and as if, directly employed by each Liberty Utilities Entity, but will allow each Liberty Utilities Entity to take advantage of administrative efficiencies, cost savings, and economies of scale relating to payroll administration, benefit costs and other employee-related expenses; and

WHEREAS, GNB desire to obtain the benefits of the Affiliate Services Agreement; and

WHEREAS, LUSC and the other Liberty Utilities Entities that are presently Parties to the Affiliate Services Agreement agree to GNB joining the Affiliate Services Agreement.

GNB acknowledges and agrees with the Parties that GNB is a signatory and party to the Affiliate Services Agreement as of the date written above and are thus subject to all the terms and conditions of the Affiliate Services Agreement applicable to each Party.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be duly executed and effective as of the date first above mentioned.

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By:	iregory S. So	~~~~		
Namě: G Title: Pro	iregory S. So esident	rensen		
Ву:				
Name: T	odd Wiley		_	
Title: Se	cretary			
LIBERT	Y UTILITIE	S (GAS NE	W BRUNSWI	ICK) LP
Ву:				
Name: I	an Robertsor	)	_	
Title: C	Chief Executiv	ve Officer		
Ву:				
Name: D	avid Bronich	neski	_	
Title: C	Chief Financia	al Officer and	d Treasurer	
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Ву:				
Name: Si	ısan Fleck		_	
Title: Pre				
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LIBERTY UTILITIES SERVICE CORP.

By: Name: Gregory S. Sorensen Title: President Name: Todd Wiley Title: Secretary LIBERTY UTILITIES (GAS NEW BRUNSWICK) LP By: Name: Ian Robertson Title: Chief Executive Officer By: Name: David Bronicheski Title: Chief Financial Officer and Treasurer LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP. Name: Susan Fleck Title: President

Name: James Sweeney

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By:
Name: Gregory S. Sorensen
Title: President
Tresident
Ву:
Name: Todd Wiley
Title: Secretary
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LIBERTY UTILITIES (GAS NEW BRUNSWICK) LP
By:
Name: Ian Kabertson Title: Chief Executive Officer
Title: Office Executive Office
By:
Name: David Bronicheski
Title: Chief Financial Officer and Treasurer
and troubuldi
LIBERTY UTILITIES (ENERGYNORTH NATURAL
GAS) CORP.
By:
Name: Susan Fleck
Title: President
By:
Name: James Sweeney
Title: Secretary

NBG acknowledges and agrees with the Parties that NBG is a signatory and party to the Affiliate Services Agreement as of the date written above and are thus subject to all the terms and conditions of the Affiliate Services Agreement applicable to each Party.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be duly executed and effective as of the date first above mentioned.

### LIBERTY UTILITIES SERVICE CORP.

	-
Name: Gregory Sorensen Title: President	
By:	
Name: Todd Wiley	
Title: Secretary	
LIBERTY UTILITIES (GAS NEW BRUNSWICK)	LP
Ву:	
Name: Jan Robertson Title: Chief Executive Officer	
By:Name: David Bromicheski	
Name: David Bronicheski Title: Chief Financial Officer and Treasurer	
LIBERTY UTILITIES (ENERGYNORTH NATURA GAS) CORP.	ÅL
By: Name: Susan Fleck	
Title: President	
Ву:	
Name: James Sweeney Title: Secretary	
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	LIBERTY UTILITIES SERVICE CORP.
	By:
	Name: Gregory S. Sorensen Title: President
	Ву:
	Name: Todd Wiley
	Title: Secretary and Treasurer
	LIBERTY UTILITIES (GAS NEW BRUNSWICK) LP
	Ву:
	Name: Ian Robertson
	Title: Chief Executive Officer
	By:
	Name: David Bronicheski
	Title: Chief Financial Officer and Treasurer
	LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP.
	By:
	Name: Susan Fleck
	Title: President
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	Name: James Sweeney
	Title: Secretary
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	LIBERTY UTILITIES (GRANITE STATE ELECTRIC) CORP.
	By: Name: Susan Fleck Title: President
	By:
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	By:
	By:
	LIBERTY UTILITIES (PEACH STATE NATURAL GAS) CORP.
	By:
	By: Name: James Sweeney Title: Secretary
	LIBERTY UTILITIES (CALPECO ELECTRIC) LLC
	By:
	Ву:
	Name: Chris Alario
	Title- Secretary and Transurer

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	LIBERTY UTILITIES (GRANITE STATE ELECTRIC) CORP.
	By:
	Name: Susan Fleck Title: President
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(	Name: James Sweeney Title: Secretary
	LIBERTY UTILITIES (NEW ENGLAND NATURAL GAS COMPANY) CORP
	By: Helle
	Name: Peter Eichler Title: President
	By:Name: Ronald John Ritchie
	Title: Secretary
	LIBERTY UTILITIES (PEACH STATE NATURAL GAS) CORP.
	By:
	Name: Charles A. Rosst, III Title: President
	By: Jones
(	Name: James Sweeney Title: Secretary
	LIBERTY UTILITIES (CALPECO ELECTRIC) LLC
	By:
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LIBERTY UTILITIES (GRANITE STATE ELECTRIC) CORP.
By: Name: Susan Fleck Title: President
By:
LIBERTY UTILITIES (NEW ENGLAND NATURAL GAS COMPANY) CORP.
By:
Name: Peter Eichler Title: President
By: Name: Ronald John Ritchie Title: Secretary
By: Name: Charles A. Rossi, III Title: President
By: Name: James Sweeney Title: Secretary
LIBERTY UTILITIES (CALPECO ELECTRIC) LLC
By: Name: Gregory S. Sorensen Title: President
By:

LIBERTY UTILITIES (GRANITE STATE ELECTRIC) CORP.
Ву:
By: Name: Susan Fleck
Title: President
By: Name: James Sweeney
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Title: Secretary
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By: Name: Ronald John Ritchie
Title: Secretary
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Title: President
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Ву:
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Title: Secretary
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Title: President
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Ву:
Name: Chris Alario
Title: Secretary and Treasurer

LIBERTY UTILITIES (GRANITE STATE ELECTRIC) CORP.
By: Name: Susan Fleck Title: President
By: Name: James Sweeney Title: Secretary
LIBERTY UTILITIES (NEW ENGLAND NATURAL GAS COMPANY) CORP.
Ву:
Name: Peter Eichler
Title: President
By:
LIBERTY UTILITIES (PEACH STATE NATURAL GAS) CORP.
By:
Ву:
Name: James Sweeney Title: Secretary
LIBERTY UTILITIES (CALPECO ELECTRIC) LLC
By: Name: Gregory S. Sorensen Title: President
By:

# LIBERTY UTILITIES (PARK WATER) CORP. Name: Gregory S. Sorensen Title: President By: \_\_\_\_\_ Name: Chris Alario Title: Chief Financial Officer LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP. Name: Gregory S. Sorensen Title: President By: \_\_\_\_\_ Name: Chris Alario Title: Chief Financial Officer LIBERTY UTILITIES (BELLA VISTA WATER) CORP. Name: Matthew Garlick Title: President Name: Todd Wiley Title: Secretary LIBERTY UTILITIES (GOLD CANYON SEWER) CORP.

Name: Matthew Garlick

Title: President

Name: Todd Wiley Title: Secretary

### By: \_\_ Name: Gregory S. Sorensen Title: President Name: Chris Alario Title: Chief Financial Officer LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP. By: Name: Gregory S. Sorensen Title: President By: $\langle$ Name: Chris Alario Title: Chief Financial Officer LIBERTY UTILITIES (BELLA VISTA WATER) CORP. By: Name: Matthew Garlick Title: President By: Name: Todd Wiley Title: Secretary LIBERTY UTILITIES (GOLD CANYON SEWER) CORP. By: Name: Matthew Garlick Title: President By: \_\_\_ Name: Todd Wiley

LIBERTY UTILITIES (PARK WATER) CORP.

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Name: Gregory S. Sorensen
Title: President

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By: \_\_\_\_\_\_ Name: Chris Alario

Title: Chief Financial Officer

LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.

Title: President

Title: Chief Financial Officer

LIBERTY UTILITIES (BELLA YIS A WATER) CORP.

Name: Matthew Garlick

Title: President

By: \_\_\_\_\_ Name: Todd Wiley

Title: Secretary

LIBERTY UTILITIES (GOLD CANYON SEWER)

CORP.

Name: Matthew Garlick

Title: President

Name: Todd Wiley

LIBERTY UTILITIES (LITCHFIELD PARK WATER &
SEWER) CORP.
By: Melle Soulish
Name: Matthew Garlick
Title: President
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Name: Todd Wiley
Title: Secretary
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LIBERTY UTILITIES (BLACK MOUNTAIN SEWER)
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LIBERTY UTILITIES (PINE BLUFF WATER) INC.
By: Rame: David Swain Title: President
By: Name: Dale Harrington Title: Secretary
LIBERTY UTILITIES (RIO RICO WATER & SEWER)
By: Name: Matthew Garlick Title: President
By:
LIBERTY UTILITIES (SEASIDE WATER) LLC
By:
By: Name: Todd Wiley Title: Secretary
LIBERTY UTILITIES (FOX BIVER WATER) LLC
By: Name: David Swain Title: President
By: Name: Dale Harrington Title: Secretary
LIBERTY UTILITIES (MISSOURI WATER) LLC
By: John Swain Name: David Swain Title: President

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By: Name: Matthew Garlick Title: President
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Title: Secretary  LIBERTY UTILITIES (SILVERLAF WATER) LLC
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By: Matthe Soulck Name: Matthew Garlick Title: President
By: Name: Todd Wiley Title: Secretary
LIBERTY UTILITIES (WOODSON-HENSLEY WATER) CORP.
By:
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LIBERTY UTILITIES (MIDSTATES NATURAL GAS) CORP.
By:
By:
THE EMPIRE DISTRICT ELECTRIC COMPANY
By:
By:

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THE EMPIRE DISTRICT ELECTRIC COMPANY

Name: David Swain

Title: President

Ву: \_\_\_\_

Name: Dale Harrington

## LIBERTY UTILITIES (WOODMARK SEWER) CORP.

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THE EMPIRE DISTRICT ELECTRIC COMPANY
By: Name: David Swain Title: President  By: Name: Dale Harrington Title: Secretary

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EMPIRE DISTRICT INDUSTRIES, INC.  By: Summer David Swain  Title: President
By:

### THE EMPIRE DISTRICT GAS COMPANY

By:
Name: David Swain
Title: President
By at Hand
Name: Dale Harrington
Title: Secretary
EMPIRE DISTRICT INDUSTRIES, INC. By:
Name: David Swain
Title: President
By: Alca Harl
Name: Dale Harrington
Title: Secretary