

NATIONAL FUEL GAS DISTRIBUTION CORPORATION - NEW YORK DIVISION
Transmission And Storage - Capacity Allocation

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Normal DD	1244	1085	961	576	272	64	9	18	135	443	728	1082	6617
Normalized Load	175656	160892	142155	100336	66408	42857	36267	37475	51918	84040	117385	158731	1174120
Normalized Average Daily Consumption (Total/365)					3216.8	[C]	Mcf/Day		3329		Dth/Day		
Monthly Base Load (Average of July & August)					36871	[D]	Mcf/Month		38161		Dth/Month		
Daily Base Load				[G/151]	1220.9	[E]	Mcf/Day		1264		Dth/Day		
Normalized Winter Heat Load													
Winter Load (Jan, Feb, Mar, Nov & Dec)					754819	[F]	Mcf		781238		Dth		
Winter Base Load				[D*5]	184355	[G]	Mcf		190807		Dth		
Winter Heat Load				[F-G]	570464	[H]	Mcf		590430		Dth		
Peak Day Requirement													
Winter DD (Jan, Feb, Mar, Nov & Dec)					5100	[I]							
Heat Load/DD				[H/I]	111.9	[J]	Mcf/DD		116		Dth/DD		
Extreme Peak Day for DD =			74	[E] + [J * 74]	9498.2	[K]	Mcf		9831		Dth		
Supplier Peak Req.			62	[E] + [J * 62]	8156.0	[L]	Mcf		8441		Dth		
Extreme Peak Storage Requirement				[K-L]	1342.2	[M]	Mcf	[M*O]	1389	[Q]	Dth		
NFGDC Loss Allowance					1.69%	[N]							
BTU Factor					1.0350	[O]							
City Gate Requirement				[K*O/(1-N)]	10000	[P]	Dth	[Q/(1-N)]	1413	[R]	Dth		
Load Factor (C/K)				[C/K]	33.9%								
Marketer Peak Day Requirements at City Gate													
ESS/EFT - Intermediate Capacity						33%	2834	S	Dth				
EFT - Upstream Capacity						67%	5753	T	Dth				
Total EFT							8587						
Peak Balancing Service							1413	U	Dth				
							10000						
Storage Capacity Assignment Calculation													
MSQ					[S*46.678]		132285	V	81402				
MDWQ					[S]		2834	W	1744				
MDIQ					[V/170]		778	X	479				
Upstream Pipeline Capacity Requirement into NFGSC													
Upstream FT MDTQ					[T/0.9897]		5813	Y	Dth				
													NFGSC Retainage 1.03%

Load Factor	ESS %	Upstream %
<40%	33%	67%
40-60%	22%	78%
60-80%	11%	89%
>80%	0%	100%

Total Storage Release
213687 Dth
4578 Dth
1257 Dth

CAPACITY COST ANALYSIS based upon rates effective 2/1/21

Intermediate Pipeline Transmission Capacity	Quantity	Monthly Rate \$/Dth	Monthly Amount \$	WACOC Calculation	Current Month			Upstream Capacity Release Rate \$/Dth
					Initial Calculated \$/Dth	Current Month Actual \$/Dth	Current less Initial \$/Dth	
NFGSC EFT	8587	\$ 4.6710	\$ 40,109.88	Apr-20	\$ 8.9560	\$ 8.9560	0.00%	\$ 8.9560
NFGSC ESS MDWQ	2834	\$ 2.7432	\$ 7,774.23	May-20	\$ 8.9560	\$ 8.9508	(0.0052)	\$ 8.9560
NFGSC ESS MSQ	132285	\$ 0.0499	\$ 6,601.02	Jun-20	\$ 8.9560	\$ 8.5016	(0.4544)	\$ 8.5016
				Jul-20	\$ 8.5016	\$ 8.4161	(0.0855)	\$ 8.5016
				Aug-20	\$ 8.5016	\$ 8.4166	(0.0850)	\$ 8.5016
				Sep-20	\$ 8.5016	\$ 8.4215	(0.0801)	\$ 8.5016
				Oct-20	\$ 8.5016	\$ 8.6026	0.1010	\$ 8.5016
				Nov-20	\$ 8.5016	\$ 8.4735	(0.0281)	\$ 8.5016
				Dec-20	\$ 8.5016	\$ 8.4735	(0.0281)	\$ 8.5016
				Jan-21	\$ 8.5016	\$ 8.4719	(0.0297)	\$ 8.5016
				Feb-21	\$ 8.5016	\$ 8.4739	(0.0277)	\$ 8.5016
				Mar-21				
Mandatory Upstream Transmission Capacity								
Tennessee FT-A: Zone 4 receipt - Zone 4/5 delivery	4069	\$ 9.9712	\$ 40,573.81					
NFGSC ESS MDWQ	1744	\$ 2.7432	\$ 4,783.87					
NFGSC ESS MSQ	81402	\$ 0.0499	\$ 4,061.95					
Total Monthly Upstream Costs			\$ 49,419.62					
Upstream Capacity			Dth 5813					
Upstream Capacity Rate - WACOC			\$/Dth 8.5016					
Upstream FT Capacity Daily Release Rate			\$/Dth 0.3278					