



**PA Division Only**

Statement of Rates Used For Purchases/Sales To Resolve Imbalances Applicable to Usage Under the  
**Burner Tip Imbalance Cash Out Rates**

**Small Aggregation Transportation Supplier Service (SATS) & Monthly Metered Natural Gas Supplier Service (MMNGS)**

*Pursuant to National Fuel Gas Distribution Corporation's Tariff purchases to resolve net Surplus Imbalances and/or sales to resolve net Deficiency Imbalances shall be performed at the rates identified below:*

Rate For Delivery Month	Gas Cost Component - Average Daily Market Index	Transportation Cost to City Gate	Market Tier - Surplus (Overdelivery) Purchase Rate	Market Tier - Deficiency (Underdelivery) Sales Rate	Applicable BTU Factor	Surplus Tier 3 - Overdelivery Purchase Rate	Surplus Tier 2 - Overdelivery Purchase Rate	Surplus Tier 1 - Overdelivery Purchase Rate	Market Tier - Overdelivery Purchase Rate	Market Tier - Underdelivery Sales Rate	Deficiency Tier 1 - Underdelivery Sales Rate	Deficiency Tier 2 - Underdelivery Sales Rate	Deficiency Tier 3 - Underdelivery Sales Rate	
	Note A	Note B												
	(\$/Dth)	(\$/Dth)	(\$/Dth)	(\$/Dth)		(\$/Mcf)	(\$/Mcf)	(\$/Mcf)	(\$/Mcf)	(\$/Mcf)	(\$/Mcf)	(\$/Mcf)	(\$/Mcf)	(\$/Mcf)
October-20	\$ 1.5030	\$ 0.0815	\$ 1.5845	\$ 1.5845	1.053	1.0011	1.4182	1.5017	1.6685	1.6685	1.8354	1.9188	2.3359	
September-20	\$ 1.5744	\$ 0.0830	\$ 1.6574	\$ 1.6574	1.056	1.0501	1.4877	1.5752	1.7502	1.7502	1.9252	2.0127	2.4503	
August-20	\$ 1.6851	\$ 0.0845	\$ 1.7696	\$ 1.7696	1.053	1.1180	1.5839	1.6771	1.8634	1.8634	2.0497	2.1429	2.6088	
July-20	\$ 1.5533	\$ 0.0826	\$ 1.6359	\$ 1.6359	1.050	1.0306	1.4600	1.5459	1.7177	1.7177	1.8895	1.9754	2.4048	
June-20	\$ 1.4375	\$ 0.0810	\$ 1.5185	\$ 1.5185	1.050	0.9566	1.3552	1.4350	1.5944	1.5944	1.7538	1.8336	2.2322	
May-20	\$ 1.4504	\$ 0.0812	\$ 1.5316	\$ 1.5316	1.050	0.9649	1.3670	1.4474	1.6082	1.6082	1.7690	1.8494	2.2515	
April-20	\$ 1.5030	\$ 0.0820	\$ 1.5850	\$ 1.5850	1.048	0.9967	1.4119	1.4950	1.6611	1.6611	1.8272	1.9103	2.3255	
March-20	\$ 1.4735	\$ 0.0899	\$ 1.5634	\$ 1.5634	1.049	0.9840	1.3940	1.4760	1.6400	1.6400	1.8040	1.8860	2.2960	
February-20	\$ 1.7174	\$ 0.0944	\$ 1.8118	\$ 1.8118	1.049	1.1404	1.6155	1.7105	1.9006	1.9006	2.0907	2.1857	2.6608	
January-20	\$ 1.7943	\$ 0.0958	\$ 1.8901	\$ 1.8901	1.048	1.1885	1.6837	1.7827	1.9808	1.9808	2.1789	2.2779	2.7731	
December-19	\$ 1.9689	\$ 0.0991	\$ 2.0680	\$ 2.0680	1.049	1.3016	1.8439	1.9524	2.1693	2.1693	2.3862	2.4947	3.0370	
November-19	\$ 2.3764	\$ 0.1067	\$ 2.4831	\$ 2.4831	1.057	1.5748	2.2309	2.3621	2.6246	2.6246	2.8871	3.0183	3.6744	
October-19	\$ 1.7125	\$ 0.0981	\$ 1.8106	\$ 1.8106	1.055	1.1461	1.6237	1.7192	1.9102	1.9102	2.1012	2.1967	2.6743	
September-19	\$ 2.0573	\$ 0.1045	\$ 2.1618	\$ 2.1618	1.058	1.3723	1.9441	2.0585	2.2872	2.2872	2.5159	2.6303	3.2021	
August-19	\$ 1.8637	\$ 0.1009	\$ 1.9646	\$ 1.9646	1.049	1.2365	1.7518	1.8548	2.0609	2.0609	2.2670	2.3700	2.8853	
July-19	\$ 2.0865	\$ 0.1050	\$ 2.1915	\$ 2.1915	1.053	1.3846	1.9615	2.0768	2.3076	2.3076	2.5384	2.6537	3.2306	
June-19	\$ 2.0572	\$ 0.1045	\$ 2.1617	\$ 2.1617	1.052	1.3645	1.9330	2.0467	2.2741	2.2741	2.5015	2.6152	3.1837	
May-19	\$ 2.2794	\$ 0.1086	\$ 2.3880	\$ 2.3880	1.048	1.5016	2.1272	2.2523	2.5026	2.5026	2.7529	2.8780	3.5036	
April-19	\$ 2.3774	\$ 0.1104	\$ 2.4878	\$ 2.4878	1.046	1.5613	2.2119	2.3420	2.6022	2.6022	2.8624	2.9925	3.6431	
March-19	\$ 2.7583	\$ 0.1017	\$ 2.8600	\$ 2.8600	1.048	1.7984	2.5477	2.6976	2.9973	2.9973	3.2970	3.4469	4.1962	
February-19	\$ 2.5507	\$ 0.0990	\$ 2.6497	\$ 2.6497	1.049	1.6677	2.3626	2.5016	2.7795	2.7795	3.0575	3.1964	3.8913	

\* REVISED

**Note A: Gas Cost Component - Average Daily Market Index**

The average of each day's volume weighted average price for each day during the month at Tennessee Gas Pipeline's Zone 4 200 Line pool, referred in the SNL Natural Gas Index as the "TGP Z 4 200L".

**Note B: Transportation Costs to the Company's City Gate**

Costs include transportation commodity costs on Tennessee Gas Pipeline and National Fuel Gas Supply plus associated fuel cost equal to the retention rate times the market price of gas.

**Note C: Pricing Tiers**

The rate for cash out will be the Average Daily Market Index ("ADMI"), which is the average of each day's DMI, plus transportation costs reflecting the cost of delivering gas to the Company's city gate, during the month.

The cash out pricing tiers and applicable rates are as follows:

Tier	Transaction	Imbalance Position	Rate
Surplus Pricing Tier 3 Purchase	Purchase	>20 % long	60 % of ADMI
Surplus Pricing Tier 2 Purchase	Purchase	15% to 20 % long	85 % of ADMI
Surplus Pricing Tier 1 Purchase	Purchase	5% to 15 % long	90 % of ADMI
Market Pricing Tier	Purchase or Sale	5% long to 5 % short	100 % of ADMI
Deficiency Pricing Tier 1 Purchase	Sale	5% to 15 % short	110 % of ADMI
Deficiency Pricing Tier 2 Purchase	Sale	15% to 20 % short	115 % of ADMI
Deficiency Pricing Tier 3 Purchase	Sale	>20 % short	140 % of ADMI