

The Empire District Gas Company
Estimated Storage Cost per MCF Sold
Large Volume Transportation-Telemetry

SCHEDULE WSK-4

Description	Billing Unit	Months	Rate	Cost	Ratio	Weighted Cost
<u>Southern Star Central Pipeline</u>						
No Notice Fee	1.0000	1	\$ 0.0213	\$ 0.0213		
FSS Deliverability	1.0000	1	\$ 0.8517	0.8517		
Storage Injection Loss@3.59%	0.0372		\$ 5.0000	0.1862		
				1.0592		
Firm Transportation Cost on Storage Volume: Demand/Commodity Cost @100% LF	1.1068		\$ 0.3516	\$ 0.3892		
Total Storage Related Costs				<u>\$ 1.4483</u>		
Estimated Sales-MCF				1		
Average Cost Per MCF				<u>\$ 1.4483</u>	63.50%	\$ 0.9197
<u>Panhandle Eastern Pipeline</u>						
Deliverability Charge						
FS	1.0000	1	\$ 0.4028	\$ 0.4028		
Winter	1.0000	0.0833	\$ 3.3500	0.2792		
Summer	1.0000	-	\$ 3.3500	-		
Storage Injection Cost@3.27%	0.0338		\$ 5.0000	0.1690		
				0.8510		
Firm Transportation Cost on Storage Volume@losses of 1.13%	1.0456		\$ 0.3519	\$ 0.3680		
Total Storage Related Costs				<u>\$ 1.2189</u>		
Estimated Sales-MCF				1		
Average Cost Per MCF				<u>\$ 1.2189</u>	22.75%	\$ 0.2773
<u>ANR Pipeline</u>						
Transport (South Only)-losses@1.36%	1.0136		\$ 0.9147	\$ 0.9271		
Storage Losses@1.07%	0.0108		\$ 5.0000	0.0541		
Total				<u>\$ 0.9812</u>		
Estimated Sales-MCF				1		
Average Cost Per MCF				<u>\$ 0.9812</u>	13.75%	\$ 0.1349
Total Weighted Cost						\$ 1.3319