

MINNESOTA ENERGY RESOURCES - CONSOLIDATED

Change in Costs due to November 1, 2019 Change in Entitlement Levels and Related Demand Costs

	2018/19 Entitlements	2019/20 Entitlements	Entitlement Change	2019/20 Rate	Months	2018/19 Total Annual Cost	2019/20 Total Annual Cost	Total Annual Cost Change
Costs Assigned in Demand Charge								
<u>Viking Pipeline</u>								
FT-A ZONE 1 - 1AF0012	14,493	14,493	0 \$	4.3706	12	\$760,117	\$760,117	\$0
FT-A ZONE 1 - 1AF0012	1,098	1,098	0 \$	4.3706	3	\$14,397	\$14,397	\$0
FT-A ZONE 1 - 1AF0321	1,500	1,500	0 \$	4.3706	3	\$19,668	\$19,668	\$0
<u>GLGTPipeline</u>								
FT Western ZoneFT19131	10,130	10,130	0 \$	2.8100	7	\$199,257	\$199,257	\$0
FT Western ZoneFT18528	12,600	12,600	0 \$	2.8100	12	\$424,872	\$424,872	\$0
FT Western ZoneFT18528 (5)	3,728	3,728	0 \$	2.8100	5	\$52,378	\$52,378	\$0
FT Eastern to Western ZoneFT19129 (5)	15,030	15,030	0 \$	6.1000	5	\$458,415	\$458,415	\$0
ANR Upstream130504	15,000	15,000	0 \$	0.9110	5	\$68,325	\$68,325	\$0
<u>CENTRA Pipeline</u>								
CENTRA TRANSMISSION	9,500	9,500	0 \$	14.1070	12	\$1,608,198	\$1,608,198	\$0
CENTRA MINNESOTA PIPELINES	9,500	9,500	0 \$	3.2990	12	\$376,086	\$376,086	\$0
Total Costs Assigned to Demand Charge						\$3,981,713	\$3,981,713	\$0
Costs Assigned in Commodity Charge								
<u>Storage Service</u>								
Niska Storage (AECO)	0	0	0 \$	-	0	\$0	\$0	\$0
Niska Storage Assignment	0	0	0 \$	-	0	\$0	\$0	\$0
ANR Pipeline Storage	756,100	756,100	0 \$	0.7000	12	\$529,270	\$529,270	\$0
<u>Balancing</u>								
VGT Balancing Agreement	7,465	7,465	0 \$	1.0000	12	\$89,580	\$89,580	\$0
Union Balancing	10,000	10,000	0 \$	0.4500	12	\$54,000	\$54,000	\$0
Physical Forward Start Premium						\$94,875	\$140,135	\$45,260
Call Options Premium						\$76,864	\$34,151	-\$42,713
Total Costs Assigned to Commodity Charge						\$844,589	\$847,136	\$2,547