

**TD 6.1-B  
CALCULATION OF  
INTERIM TOLLS**

**JUNE TOLLS 1999  
TOLLS EFFECTIVE JUNE 1, 1999**

**Miscellaneous Tolls**

	<b>Empress to Dawn Export</b>	<b>Empress to Herbert Export</b>	<b>St. Mathieu to Philipsburg</b>	<b>Herbert to Herbert (Export)</b>	<b>Emerson to Union SWDA</b>	<b>Emerson to Union CDA</b>
Distance (km)	2613.37	192.73	56.88	0.03	1587.02	1817.13
<b>Demand</b>						
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	284.9922041963	21.0175166604	6.2028555370	0.0032715483	173.0670849913	198.1609508073
FST Fixed	1.5884258863	0.1171427395	0.0345720906	0.0000182342	0.9646026587	1.1044652425
Demand Toll (\$/GJ/yr)	295.26131	29.81534	14.91811	8.68397	182.71237	207.94610
Demand Toll (\$/GJ/mo)	<b>24.60511</b>	<b>2.48461</b>	<b>1.24318</b>	<b>0.72366</b>	<b>15.22603</b>	<b>17.32884</b>
<b>Commodity</b>						
Transmission Variable	0.0319426988	0.0023557002	0.0006952329	0.0000003667	0.0193978281	0.0222104166
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.03194</b>	<b>0.00236</b>	<b>0.00070</b>	<b>0.00000</b>	<b>0.01940</b>	<b>0.02221</b>
<b>100% LF Tolls (STFT Bid Floor)</b>						
(\$/GJ)	<b>0.8409</b>	<b>0.0840</b>	<b>0.0416</b>	<b>0.0238</b>	<b>0.5200</b>	<b>0.5919</b>
<b>STFT Bid Ceiling</b>						
(4x Applicable 100% LF Toll) (\$/GJ)	4.1564	3.7538	0.1664	0.0952	2.0800	2.3676
<b>IT Bid Floor (200% LF Toll)</b>						
(\$/GJ)	0.4364	0.0432	0.0211	0.0119	0.2697	0.3071

**LONG HAUL Tolls (Saskatchewan Receipt)**

	Suffield to Manitoba Zone	Suffield to Western Zone	Suffield to Northern Zone	Suffield to Eastern Zone	Suffield to Emerson
Distance (km)	896.06	1508.51	2347.61	2917.77	1021.31
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	97.7167850294	164.5054431451	256.0106485088	318.1875140673	111.3754990942
FST Fixed	0.5446319885	0.9168836918	1.4268949651	1.7734424893	0.6207598778
Demand Toll (\$/GJ/yr)	106.94210	174.10301	266.11823	328.64164	120.67694
Demand Toll (\$/GJ/mo)	<b>8.91184</b>	<b>14.50858</b>	<b>22.17652</b>	<b>27.38680</b>	<b>10.05641</b>
<b>Commodity</b>					
Transmission Variable	0.0109523622	0.0184382160	0.0286943675	0.0356633192	0.0124832679
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.01095</b>	<b>0.01844</b>	<b>0.02869</b>	<b>0.03566</b>	<b>0.01248</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.3039</b>	<b>0.4954</b>	<b>0.7578</b>	<b>0.9360</b>	<b>0.3431</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	3.7538	3.7538	4.1564	4.1564	3.7538
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.1574	0.2569	0.3932	0.4859	0.1778
	Suffield to St. Clair	Suffield to Niagara	Suffield to Chippawa	Suffield to Iroquois	Suffield to Cornwall
Distance (km)	2587.61	3014.49	3016.88	3021.15	3070.94
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	282.1830347408	328.7349857188	328.9956190650	329.4612694367	334.8909490637
FST Fixed	1.5727687651	1.8322296307	1.8336822906	1.8362776286	1.8665403641
Demand Toll (\$/GJ/yr)	292.43649	339.24790	339.50998	339.97823	345.43817
Demand Toll (\$/GJ/mo)	<b>24.36971</b>	<b>28.27066</b>	<b>28.29250</b>	<b>28.33152</b>	<b>28.78651</b>
<b>Commodity</b>					
Transmission Variable	0.0316278395	0.0368455084	0.0368747209	0.0369269122	0.0375354854
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.03163</b>	<b>0.03685</b>	<b>0.03687</b>	<b>0.03693</b>	<b>0.03754</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.8328</b>	<b>0.9663</b>	<b>0.9670</b>	<b>0.9684</b>	<b>0.9839</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.4322	0.5016	0.502	0.5027	0.5107

**LONG HAUL Tolls (Saskatchewan Receipt)**

	Suffield to Sabrevois	Suffield to Napierville	Suffield to Philipsburg	Suffield to East Hereford
Distance (km)	3213.69	3227.76	3245.22	3430.18
<b>Demand</b>				
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	350.4580662913	351.9924224342	353.8964635325	374.0666491887
FST Fixed	1.9533048847	1.9618567362	1.9724690552	2.0848891304
Demand Toll (\$/GJ/yr)	361.09205	362.63496	364.54961	384.83222
Demand Toll (\$/GJ/mo)	<b>30.09100</b>	<b>30.21958</b>	<b>30.37913</b>	<b>32.06935</b>
<b>Commodity</b>				
Transmission Variable	0.0392802901	0.0394522649	0.0396656750	0.0419264041
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.03928</b>	<b>0.03945</b>	<b>0.03967</b>	<b>0.04193</b>
<b>100% LF Tolls (STFT Bid Floor)</b>				
(\$/GJ)	<b>1.0286</b>	<b>1.0330</b>	<b>1.0384</b>	<b>1.0963</b>
<b>STFT Bid Ceiling</b>				
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>				
(\$/GJ)	0.5339	0.5362	0.5391	0.5691

	Richmond to Manitoba Zone	Richmond to Western Zone	Richmond to Northern Zone	Richmond to Eastern Zone	Richmond to Emerson
Distance (km)	895.87	1508.32	2347.42	2917.58	1021.12
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	97.6960652236	164.4847233394	255.9899287030	318.1667942615	111.3547792884
FST Fixed	0.5445165050	0.9167682084	1.4267794817	1.7733270059	0.6206443944
Demand Toll (\$/GJ/yr)	106.92126	174.08217	266.09739	328.62080	120.65611
Demand Toll (\$/GJ/mo)	<b>8.91011</b>	<b>14.50685</b>	<b>22.17478</b>	<b>27.38507</b>	<b>10.05468</b>
<b>Commodity</b>					
Transmission Variable	0.0109500398	0.0184358937	0.0286920452	0.0356609968	0.0124809455
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.01095</b>	<b>0.01844</b>	<b>0.02869</b>	<b>0.03566</b>	<b>0.01248</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.3039</b>	<b>0.4954</b>	<b>0.7577</b>	<b>0.9360</b>	<b>0.3430</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	3.7538	3.7538	4.1564	4.1564	3.7538
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.1574	0.2569	0.3932	0.4858	0.1778

**LONG HAUL Tolls (Saskatchewan Receipt)**

	Richmond to St. Clair	Richmond to Niagara	Richmond to Chippawa	Richmond to Iroquois	Richmond to Cornwall
Distance (km)	2587.42	3014.30	3016.69	3020.96	3070.75
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	282.1623149350	328.7142659130	328.9748992592	329.4405496309	334.8702292580
FST Fixed	1.5726532817	1.8321141473	1.8335668072	1.8361621452	1.8664248806
Demand Toll (\$/GJ/yr)	292.41565	339.22706	339.48915	339.95739	345.41734
Demand Toll (\$/GJ/mo)	<b>24.36797</b>	<b>28.26892</b>	<b>28.29076</b>	<b>28.32978</b>	<b>28.78478</b>
<b>Commodity</b>					
Transmission Variable	0.0316255172	0.0368431860	0.0368723985	0.0369245899	0.0375331631
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.03163</b>	<b>0.03684</b>	<b>0.03687</b>	<b>0.03692</b>	<b>0.03753</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.8328</b>	<b>0.9662</b>	<b>0.9670</b>	<b>0.9683</b>	<b>0.9839</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.4322	0.5015	0.5019	0.5026	0.5107

	Richmond to Sabrevois	Richmond to Napierville	Richmond to Philipsburg	Richmond to East Hereford
Distance (km)	3213.50	3227.57	3245.03	3429.99
<b>Demand</b>				
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	350.4371283823	351.9714845252	353.8755256236	374.0457112797
FST Fixed	1.9531881856	1.9617400372	1.9723523561	2.0847724313
Demand Toll (\$/GJ/yr)	361.07100	362.61391	364.52856	384.81117
Demand Toll (\$/GJ/mo)	<b>30.08925</b>	<b>30.21783</b>	<b>30.37738</b>	<b>32.06760</b>
<b>Commodity</b>				
Transmission Variable	0.0392779434	0.0394499182	0.0396633282	0.0419240573
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.03928</b>	<b>0.03945</b>	<b>0.03966</b>	<b>0.04192</b>
<b>100% LF Tolls (STFT Bid Floor)</b>				
(\$/GJ)	<b>1.0285</b>	<b>1.0329</b>	<b>1.0384</b>	<b>1.0962</b>
<b>STFT Bid Ceiling</b>				
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>				
(\$/GJ)	0.5339	0.5362	0.5390	0.5691

**LONG HAUL Tolls (Saskatchewan Receipt)**

	Bayhurst to Manitoba Zone	Bayhurst to Western Zone	Bayhurst to Northern Zone	Bayhurst to Eastern Zone	Bayhurst to Emerson
Distance (km)	867.74	1480.19	2319.29	2889.45	992.99
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	94.6284434540	161.4171015698	252.9223069334	315.0991724919	108.2871575188
FST Fixed	0.5274188801	0.8996705834	1.4096818567	1.7562293809	0.6035467694
Demand Toll (\$/GJ/yr)	103.83654	170.99745	263.01267	325.53608	117.57139
Demand Toll (\$/GJ/mo)	<b>8.65305</b>	<b>14.24979</b>	<b>21.91772</b>	<b>27.12801</b>	<b>9.79762</b>
<b>Commodity</b>					
Transmission Variable	0.0106062125	0.0180920663	0.0283482178	0.0353171695	0.0121371182
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.01061</b>	<b>0.01809</b>	<b>0.02835</b>	<b>0.03532</b>	<b>0.01214</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.2951</b>	<b>0.4866</b>	<b>0.7489</b>	<b>0.9272</b>	<b>0.3343</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	3.7538	3.7538	4.1564	4.1564	3.7538
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.1529	0.2523	0.3886	0.4813	0.1732

	Bayhurst to St. Clair	Bayhurst to Niagara	Bayhurst to Chippawa	Bayhurst to Iroquois	Bayhurst to Cornwall
Distance (km)	2559.29	2986.17	2988.56	2992.83	3042.62
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	279.0946931654	325.6466441434	325.9072774896	326.3729278613	331.8026074884
FST Fixed	1.5555556567	1.8150165223	1.8164691822	1.8190645202	1.8493272557
Demand Toll (\$/GJ/yr)	289.33093	336.14234	336.40443	336.87267	342.33262
Demand Toll (\$/GJ/mo)	<b>24.11091</b>	<b>28.01186</b>	<b>28.03370</b>	<b>28.07272</b>	<b>28.52772</b>
<b>Commodity</b>					
Transmission Variable	0.0312816898	0.0364993587	0.0365285712	0.0365807625	0.0371893357
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.03128</b>	<b>0.03650</b>	<b>0.03653</b>	<b>0.03658</b>	<b>0.03719</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.8240</b>	<b>0.9574</b>	<b>0.9582</b>	<b>0.9595</b>	<b>0.9751</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.4276	0.4970	0.4974	0.4980	0.5061

**LONG HAUL Tolls (Saskatchewan Receipt)**

	<b>Bayhurst to Sabrevois</b>	<b>Bayhurst to Napierville</b>	<b>Bayhurst to Philipsburg</b>	<b>Bayhurst to East Hereford</b>
Distance (km)	3185.37	3199.44	3216.90	3401.86
<b>Demand</b>				
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	347.3697247159	348.9040808588	350.8081219572	370.9783076133
FST Fixed	1.9360917763	1.9446436278	1.9552559468	2.0676760220
Demand Toll (\$/GJ/yr)	357.98650	359.52941	361.44406	381.72667
Demand Toll (\$/GJ/mo)	<b>29.83221</b>	<b>29.96078</b>	<b>30.12034</b>	<b>31.81056</b>
<b>Commodity</b>				
Transmission Variable	0.0389341404	0.0391061152	0.0393195253	0.0415802544
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.03893</b>	<b>0.03911</b>	<b>0.03932</b>	<b>0.04158</b>
<b>100% LF Tolls (STFT Bid Floor)</b>				
(\$/GJ)	<b>1.0197</b>	<b>1.0241</b>	<b>1.0296</b>	<b>1.0874</b>
<b>STFT Bid Ceiling</b>				
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>				
(\$/GJ)	0.5293	0.5316	0.5344	0.5645

	<b>Liebenthal to Manitoba Zone</b>	<b>Liebenthal to Western Zone</b>	<b>Liebenthal to Northern Zone</b>	<b>Liebenthal to Eastern Zone</b>	<b>Liebenthal to Emerson</b>
Distance (km)	854.49	1466.94	2306.04	2876.20	979.74
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	93.1835096308	159.9721677465	251.4773731102	313.6542386687	106.8422236956
FST Fixed	0.5193654307	0.8916171341	1.4016284073	1.7481759315	0.5954933201
Demand Toll (\$/GJ/yr)	102.38356	169.54447	261.55968	324.08310	116.11840
Demand Toll (\$/GJ/mo)	<b>8.53196</b>	<b>14.12871</b>	<b>21.79664</b>	<b>27.00693</b>	<b>9.67653</b>
<b>Commodity</b>					
Transmission Variable	0.0104442604	0.0179301142	0.0281862657	0.0351552174	0.0119751661
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.01044</b>	<b>0.01793</b>	<b>0.02819</b>	<b>0.03516</b>	<b>0.01198</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.2909</b>	<b>0.4824</b>	<b>0.7448</b>	<b>0.9231</b>	<b>0.3301</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	3.7538	3.7538	4.1564	4.1564	3.7538
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.1507	0.2502	0.3865	0.4791	0.1710

**LONG HAUL Tolls (Saskatchewan Receipt)**

	<b>Liebenthal to St. Clair</b>	<b>Liebenthal to Niagara</b>	<b>Liebenthal to Chippawa</b>	<b>Liebenthal to Iroquois</b>	<b>Liebenthal to Cornwall</b>
Distance (km)	2546.04	2972.92	2975.31	2979.58	3029.37
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	277.6497593422	324.2017103202	324.4623436664	324.9279940381	330.3576736651
FST Fixed	1.5475022073	1.8069630729	1.8084157328	1.8110110709	1.8412738063
Demand Toll (\$/GJ/yr)	287.87794	334.68936	334.95144	335.41969	340.87963
Demand Toll (\$/GJ/mo)	<b>23.98983</b>	<b>27.89078</b>	<b>27.91262</b>	<b>27.95164</b>	<b>28.40664</b>
<b>Commodity</b>					
Transmission Variable	0.0311197377	0.0363374066	0.0363666191	0.0364188104	0.0370273836
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.03112</b>	<b>0.03634</b>	<b>0.03637</b>	<b>0.03642</b>	<b>0.03703</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.8198</b>	<b>0.9533</b>	<b>0.9540</b>	<b>0.9554</b>	<b>0.9709</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.4255	0.4948	0.4952	0.4959	0.5040

	<b>Liebenthal to Sabrevois</b>	<b>Liebenthal to Napierville</b>	<b>Liebenthal to Philipsburg</b>	<b>Liebenthal to East Hereford</b>
Distance (km)	3172.12	3186.19	3203.65	3388.61
<b>Demand</b>				
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	345.9247908927	347.4591470356	349.3631881339	369.5333737901
FST Fixed	1.9280383269	1.9365901784	1.9472024974	2.0596225726
Demand Toll (\$/GJ/yr)	356.53351	358.07642	359.99107	380.27368
Demand Toll (\$/GJ/mo)	<b>29.71113</b>	<b>29.83970</b>	<b>29.99926</b>	<b>31.68947</b>
<b>Commodity</b>				
Transmission Variable	0.0387721883	0.0389441631	0.0391575732	0.0414183023
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.03877</b>	<b>0.03894</b>	<b>0.03916</b>	<b>0.04142</b>
<b>100% LF Tolls (STFT Bid Floor)</b>				
(\$/GJ)	<b>1.0156</b>	<b>1.0200</b>	<b>1.0254</b>	<b>1.0833</b>
<b>STFT Bid Ceiling</b>				
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>				
(\$/GJ)	0.5272	0.5295	0.5323	0.5623

**LONG HAUL Tolls (Saskatchewan Receipt)**

	Success to Manitoba Zone	Success to Western Zone	Success to Northern Zone	Success to Eastern Zone	Success to Emerson
Distance (km)	762.59	1375.04	2214.14	2784.30	887.84
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	83.1616667361	149.9503248519	241.4555302155	303.6323957740	96.8203808009
FST Fixed	0.4635079214	0.8357596248	1.3457708981	1.6923184223	0.5396358108
Demand Toll (\$/GJ/yr)	92.30586	159.46677	251.48198	314.00540	106.04070
Demand Toll (\$/GJ/mo)	<b>7.69216</b>	<b>13.28890</b>	<b>20.95683</b>	<b>26.16712</b>	<b>8.83673</b>
<b>Commodity</b>					
Transmission Variable	0.0093209851	0.0168068389	0.0270629904	0.0340319420	0.0108518908
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.00932</b>	<b>0.01681</b>	<b>0.02706</b>	<b>0.03403</b>	<b>0.01085</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.2622</b>	<b>0.4537</b>	<b>0.7161</b>	<b>0.8943</b>	<b>0.3014</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	3.7538	3.7538	4.1564	4.1564	3.7538
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.1358	0.2353	0.3716	0.4642	0.1561

	Success to St. Clair	Success to Niagara	Success to Chippawa	Success to Iroquois	Success to Cornwall
Distance (km)	2454.14	2881.02	2883.41	2887.68	2937.47
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	267.6279164475	314.1798674255	314.4405007717	314.9061511434	320.3358307705
FST Fixed	1.4916446981	1.7511055637	1.7525582236	1.7551535616	1.7854162970
Demand Toll (\$/GJ/yr)	277.80024	324.61165	324.87374	325.34199	330.80193
Demand Toll (\$/GJ/mo)	<b>23.15002</b>	<b>27.05097</b>	<b>27.07281</b>	<b>27.11183</b>	<b>27.56683</b>
<b>Commodity</b>					
Transmission Variable	0.0299964624	0.0352141313	0.0352433437	0.0352955351	0.0359041083
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.03000</b>	<b>0.03521</b>	<b>0.03524</b>	<b>0.03530</b>	<b>0.03590</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.7911</b>	<b>0.9246</b>	<b>0.9253</b>	<b>0.9266</b>	<b>0.9422</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.4105	0.4799	0.4803	0.4810	0.4891



**LONG HAUL Tolls (Saskatchewan Receipt)**

	<b>Success to Sabrevois</b>	<b>Success to Napierville</b>	<b>Success to Philipsburg</b>	<b>Success to East Hereford</b>
Distance (km)	3080.22	3094.29	3111.75	3296.71
<b>Demand</b>				
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	335.9029479980	337.4373041409	339.3413452393	359.5115308954
FST Fixed	1.8721808177	1.8807326692	1.8913449881	2.0037650633
Demand Toll (\$/GJ/yr)	346.45581	347.99872	349.91337	370.19598
Demand Toll (\$/GJ/mo)	<b>28.87132</b>	<b>28.99989</b>	<b>29.15945</b>	<b>30.84967</b>
<b>Commodity</b>				
Transmission Variable	0.0376489130	0.0378208878	0.0380342979	0.0402950270
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.03765</b>	<b>0.03782</b>	<b>0.03803</b>	<b>0.04030</b>
<b>100% LF Tolls (STFT Bid Floor)</b>				
(\$/GJ)	<b>0.9868</b>	<b>0.9912</b>	<b>0.9967</b>	<b>1.0545</b>
<b>STFT Bid Ceiling</b>				
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>				
(\$/GJ)	0.5122	0.5145	0.5174	0.5474

	<b>Herbert to Manitoba Zone</b>	<b>Herbert to Western Zone</b>	<b>Herbert to Northern Zone</b>	<b>Herbert to Eastern Zone</b>	<b>Herbert to Emerson</b>
Distance (km)	705.37	1317.82	2156.92	2727.08	830.62
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	76.9217336519	143.7103917677	235.2155971314	297.3924626898	90.5804477168
FST Fixed	0.4287291763	0.8009808797	1.3109921529	1.6575396771	0.5048570657
Demand Toll (\$/GJ/yr)	86.03114	153.19205	245.20727	307.73068	99.76599
Demand Toll (\$/GJ/mo)	<b>7.16926</b>	<b>12.76600</b>	<b>20.43394</b>	<b>25.64422</b>	<b>8.31383</b>
<b>Commodity</b>					
Transmission Variable	0.0086215964	0.0161074503	0.0263636018	0.0333325534	0.0101525021
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.00862</b>	<b>0.01611</b>	<b>0.02636</b>	<b>0.03333</b>	<b>0.01015</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.2443</b>	<b>0.4358</b>	<b>0.6982</b>	<b>0.8764</b>	<b>0.2835</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	3.7538	3.7538	4.1564	4.1564	3.7538
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.1265	0.2260	0.3623	0.4549	0.1468

**LONG HAUL Tolls (Saskatchewan Receipt)**

	<b>Herbert to St. Clair</b>	<b>Herbert to Niagara</b>	<b>Herbert to Chippawa</b>	<b>Herbert to Iroquois</b>	<b>Herbert to Cornwall</b>
Distance (km)	2396.92	2823.8	2826.19	2830.46	2880.25
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	261.3879833634	307.9399343413	308.2005676876	308.6662180593	314.0958976863
FST Fixed	1.4568659529	1.7163268185	1.7177794784	1.7203748165	1.7506375519
Demand Toll (\$/GJ/yr)	271.52553	318.33694	318.59903	319.06727	324.52722
Demand Toll (\$/GJ/mo)	<b>22.62713</b>	<b>26.52808</b>	<b>26.54992</b>	<b>26.58894</b>	<b>27.04394</b>
<b>Commodity</b>					
Transmission Variable	0.0292970738	0.0345147426	0.0345439551	0.0345961465	0.0352047197
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.02930</b>	<b>0.03451</b>	<b>0.03454</b>	<b>0.03460</b>	<b>0.03520</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.7732</b>	<b>0.9067</b>	<b>0.9074</b>	<b>0.9088</b>	<b>0.9243</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.4013	0.4706	0.4710	0.4717	0.4798

	<b>Herbert to Sabrevois</b>	<b>Herbert to Napierville</b>	<b>Herbert to Philipsburg</b>	<b>Herbert to East Hereford</b>
Distance (km)	3023.00	3037.07	3054.53	3239.49
<b>Demand</b>				
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	329.6630149139	331.1973710568	333.1014121551	353.2715978113
FST Fixed	1.8374020725	1.8459539240	1.8565662430	1.9689863182
Demand Toll (\$/GJ/yr)	340.18110	341.72401	343.63866	363.92127
Demand Toll (\$/GJ/mo)	<b>28.34843</b>	<b>28.47700</b>	<b>28.63656</b>	<b>30.32677</b>
<b>Commodity</b>				
Transmission Variable	0.0369495244	0.0371214992	0.0373349093	0.0395956384
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.03695</b>	<b>0.03712</b>	<b>0.03733</b>	<b>0.03960</b>
<b>100% LF Tolls (STFT Bid Floor)</b>				
(\$/GJ)	<b>0.9690</b>	<b>0.9734</b>	<b>0.9788</b>	<b>1.0366</b>
<b>STFT Bid Ceiling</b>				
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>				
(\$/GJ)	0.5030	0.5052	0.5081	0.5381

**LONG HAUL Tolls (Saskatchewan Receipt)**

	<b>Steelman to Manitoba Zone</b>	<b>Steelman to Western Zone</b>	<b>Steelman to Northern Zone</b>	<b>Steelman to Eastern Zone</b>	<b>Steelman to Emerson</b>
Distance (km)	514.14	1126.59	1965.69	2535.85	639.39
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	56.0677944055	122.8564525213	214.3616578849	276.5385234434	69.7265084703
FST Fixed	0.3124981481	0.6847498514	1.1947611247	1.5413086489	0.3886260374
Demand Toll (\$/GJ/yr)	65.06097	132.22188	224.23710	286.76051	78.79582
Demand Toll (\$/GJ/mo)	<b>5.42175</b>	<b>11.01849</b>	<b>18.68643</b>	<b>23.89671</b>	<b>6.56632</b>
<b>Commodity</b>					
Transmission Variable	0.0062842304	0.0137700843	0.0240262357	0.0309951874	0.0078151361
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.00628</b>	<b>0.01377</b>	<b>0.02403</b>	<b>0.03100</b>	<b>0.00782</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.1845</b>	<b>0.3760</b>	<b>0.6384</b>	<b>0.8166</b>	<b>0.2237</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	3.7538	3.7538	4.1564	4.1564	3.7538
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.0954	0.1949	0.3312	0.4238	0.1158

	<b>Steelman to St. Clair</b>	<b>Steelman to Niagara</b>	<b>Steelman to Chippawa</b>	<b>Steelman to Iroquois</b>	<b>Steelman to Cornwall</b>
Distance (km)	2205.69	2632.57	2634.96	2639.23	2689.02
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	240.5340441169	287.0859950949	287.3466284411	287.8122788128	293.2419584399
FST Fixed	1.3406349247	1.6000957903	1.6015484502	1.6041437882	1.6344065237
Demand Toll (\$/GJ/yr)	250.55536	297.36677	297.62886	298.09710	303.55705
Demand Toll (\$/GJ/mo)	<b>20.87961</b>	<b>24.77952</b>	<b>24.80241</b>	<b>24.84143</b>	<b>25.29642</b>
<b>Commodity</b>					
Transmission Variable	0.0269597077	0.0321773766	0.0322065891	0.0322587804	0.0328673537
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.02696</b>	<b>0.03218</b>	<b>0.03221</b>	<b>0.03226</b>	<b>0.03287</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.7134</b>	<b>0.8468</b>	<b>0.8476</b>	<b>0.8490</b>	<b>0.8645</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.3702	0.4395	0.4399	0.4406	0.4487

**LONG HAUL Tolls (Saskatchewan Receipt)**

	<b>Steelman to Sabrevois</b>	<b>Steelman to Napierville</b>	<b>Steelman to Philipsburg</b>	<b>Steelman to East Hereford</b>
Distance (km)	2831.77	2845.84	2863.30	3048.26
<b>Demand</b>				
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	308.8090756675	310.3434318103	312.2474729087	332.4176585648
FST Fixed	1.7211710443	1.7297228958	1.7403352148	1.8527552900
Demand Toll (\$/GJ/yr)	319.21093	320.75384	322.66849	342.95110
Demand Toll (\$/GJ/mo)	<b>26.60091</b>	<b>26.72949</b>	<b>26.88899</b>	<b>28.57926</b>
<b>Commodity</b>				
Transmission Variable	0.0346121584	0.0347841332	0.0349975432	0.0372582723
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.03461</b>	<b>0.03478</b>	<b>0.03500</b>	<b>0.03726</b>
<b>100% LF Tolls (STFT Bid Floor)</b>				
(\$/GJ)	<b>0.9092</b>	<b>0.9136</b>	<b>0.9190</b>	<b>0.9769</b>
<b>STFT Bid Ceiling</b>				
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>				
(\$/GJ)	0.4719	0.4742	0.4770	0.5071

	<b>Welwyn to Manitoba Zone</b>	<b>Welwyn to Western Zone</b>	<b>Welwyn to Northern Zone</b>	<b>Welwyn to Eastern Zone</b>	<b>Welwyn to Emerson</b>
Distance (km)	286.50	898.95	1738.05	2308.21	411.75
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	31.2432860645	98.0319441802	189.5371495439	251.7140151024	44.9020001293
FST Fixed	0.1741368488	0.5463885521	1.0563998254	1.4029473496	0.2502647381
Demand Toll (\$/GJ/yr)	40.09810	107.25901	199.27423	261.79764	53.83295
Demand Toll (\$/GJ/mo)	<b>3.38446</b>	<b>8.93825</b>	<b>16.60619</b>	<b>21.81647</b>	<b>4.48608</b>
<b>Commodity</b>					
Transmission Variable	0.0035018322	0.0109876861	0.0212438375	0.0282127892	0.0050327379
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.00350</b>	<b>0.01099</b>	<b>0.02124</b>	<b>0.02821</b>	<b>0.00503</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.1148</b>	<b>0.3049</b>	<b>0.5672</b>	<b>0.7455</b>	<b>0.1525</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	3.7538	3.7538	4.1564	4.1564	3.7538
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.0591	0.1579	0.2942	0.3868	0.0788

**LONG HAUL Tolls (Saskatchewan Receipt)**

	Welwyn to St. Clair	Welwyn to Niagara	Welwyn to Chippawa	Welwyn to Iroquois	Welwyn to Cornwall
Distance (km)	1978.05	2404.93	2407.32	2411.59	2461.38
<b>Demand</b>					
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	215.7095357759	262.2614867538	262.5221201001	262.9877704718	268.4174500988
FST Fixed	1.2022736254	1.4617344910	1.4631871509	1.4657824889	1.4960452244
Demand Toll (\$/GJ/yr)	225.59249	272.40390	272.66599	273.13423	278.59418
Demand Toll (\$/GJ/mo)	<b>18.79937</b>	<b>22.70033</b>	<b>22.72217</b>	<b>22.76119</b>	<b>23.21618</b>
<b>Commodity</b>					
Transmission Variable	0.0241773095	0.0293949784	0.0294241909	0.0294763823	0.0300849555
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.02418</b>	<b>0.02939</b>	<b>0.02942</b>	<b>0.02948</b>	<b>0.03008</b>
<b>100% LF Tolls (STFT Bid Floor)</b>					
(\$/GJ)	<b>0.6422</b>	<b>0.7757</b>	<b>0.7765</b>	<b>0.7778</b>	<b>0.7934</b>
<b>STFT Bid Ceiling</b>					
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>					
(\$/GJ)	0.3332	0.4025	0.4029	0.4036	0.4117

	Welwyn to Sabrevois	Welwyn to Napierville	Welwyn to Philipsburg	Welwyn to East Hereford
Distance (km)	2604.13	2618.20	2635.66	2820.62
<b>Demand</b>				
Metering	8.6806819249	8.6806819249	8.6806819249	8.6806819249
Transmission Fixed	283.9845673264	285.5189234693	287.4229645676	307.5931502238
FST Fixed	1.5828097450	1.5913615965	1.6019739155	1.7143939907
Demand Toll (\$/GJ/yr)	294.24806	295.79097	297.70562	317.98823
Demand Toll (\$/GJ/mo)	<b>24.52067</b>	<b>24.64925</b>	<b>24.80880</b>	<b>26.49902</b>
<b>Commodity</b>				
Transmission Variable	0.0318297602	0.0320017350	0.0322151450	0.0344758741
Unaccountable Losses	0.0000000000	0.0000000000	0.0000000000	0.0000000000
FST Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000
Commodity Toll (\$/GJ)	<b>0.03183</b>	<b>0.03200</b>	<b>0.03222</b>	<b>0.03448</b>
<b>100% LF Tolls (STFT Bid Floor)</b>				
(\$/GJ)	<b>0.8380</b>	<b>0.8424</b>	<b>0.8479</b>	<b>0.9057</b>
<b>STFT Bid Ceiling</b>				
(4x 100% LF Toll to Philipsburg) (\$/GJ)	4.1564	4.1564	4.1564	4.1564
<b>IT Bid Floor (200% LF Toll)</b>				
(\$/GJ)	0.4349	0.4372	0.4400	0.4701