

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

**JANUARY TOLLS 2000
TOLLS EFFECTIVE JANUARY 1, 2000**

System Average Unit Costs

Cost of Metering	9.2990851873
Variable Transmission	0.0000142682
Fixed Transmission	0.1170658470
Unaccountable Losses	0.0000000000
FST Allocation - Fixed	0.0004221894
FST Allocation - Variable	0.0000000000
STFT East/West Differential	0.3509 (\$/GJ)
IT East/West Differential	0.2392 (\$/GJ)
4 x 100% LF FT Philipsburg Toll	4.4448 (\$/GJ)

Backhaul SHORT HAUL Tolls

	Dawn to Sault St. Marie Junction (Export)	Emerson to Centra MDA	Dawn to St. Clair	St. Clair to St. Clair	Dawn to to Cons SWDA
Demand					
Distance (km)	597.64	141.35	23.83	0.00	0.00
Metering	9.2990851873	9.2990851873	9.2990851873	9.2990851873	9.2990851873
Transmission Fixed	69.9632328011	16.5472574735	2.7896791340	0.0000000000	0.0000000000
FST Fixed	0.2523172730	0.0596764717	0.0100607734	0.0000000000	0.0000000000
Demand Toll (\$/GJ/yr)	79.51464	25.90602	12.09883	9.29909	9.30
Demand Toll (\$/GJ/mo)	6.62622	2.15884	1.00824	0.77492	0.77492
Commodity					
Transmission Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
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)	0.00000	0.00000	0.00000	0.00000	0.00000
Firm Backhaul Toll (100% LF)	0.21785	0.07098	0.03315	0.02548	0.02548
IT Tolls					
Winter IT (\$/GJ)	0.21785	0.07098	0.03315	0.02548	0.02548
Summer IT (\$/GJ)	0.10892	0.03549	0.01657	0.01274	0.01274
	Dawn to Union SWDA	Parkway to Cons SWDA	Parkway to Union SWDA	Kirkwall to Cons SWDA	Kirkwall to Union SWDA
Demand					
Distance (km)	10.95	226.88	237.83	188.67	199.62
Metering	9.2990851873	9.2990851873	9.2990851873	9.2990851873	9.2990851873
Transmission Fixed	1.2818710247	26.5598993674	27.8417703920	22.0868133535	23.3686843781
FST Fixed	0.0046229739	0.0957863311	0.1004093050	0.0796544741	0.0842774480
Demand Toll (\$/GJ/yr)	10.59	35.95	37.24	31.46555	32.75205
Demand Toll (\$/GJ/mo)	0.88213	2.99623	3.10344	2.62213	2.72934
Commodity					
Transmission Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
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)	0.00000	0.00000	0.00000	0.00000	0.00000
Firm Backhaul Toll (100% LF)	0.02900	0.09851	0.10203	0.08621	0.08973
IT Tolls					
Winter IT (\$/GJ)	0.02900	0.09851	0.10203	0.08621	0.08973
Summer IT (\$/GJ)	0.01450	0.04925	0.05102	0.04310	0.04487

Backhaul SHORT HAUL Tolls

	Niagara Falls to Cons SWDA	Niagara Falls to Union SWDA	Chippawa to Cons SWDA	Chippawa to Union SWDA	Parkway to St. Clair	Niagara to St. Clair
Demand						
Distance (km)	300.65	311.60	303.04	313.99	250.71	324.47
Metering	9.2990851873	9.2990851873	9.2990851873	9.2990851873	9.2990851873	9.2990851873
Transmission Fixed	35.1958469006	36.4777179252	35.4756342749	36.7575052995	29.3495785014	37.9843553761
FST Fixed	0.1269312431	0.1315542170	0.1279402758	0.1325632497	0.1058471045	0.1369877946
Demand Toll (\$/GJ/yr)	44.62186	45.90836	44.90266	46.18915	38.75451	47.42043
Demand Toll (\$/GJ/mo)	3.71849	3.82570	3.74189	3.84910	3.22954	3.95170
Commodity						
Transmission Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
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)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Firm Backhaul Toll (100% LF)	0.12225	0.12578	0.12302	0.12655	0.10618	0.12992
IT Tolls						
Winter IT (\$/GJ)	0.12225	0.12578	0.12302	0.12655	0.10618	0.12992
Summer IT (\$/GJ)	0.06113	0.06289	0.06151	0.06327	0.05309	0.06496

	Steelman to SSDA	Welwyn to SSDA	Suffield to Empress	Dawn to MDA	Emerson to Herbert
Demand					
Distance (km)	53.07	311.60	2.03	1731.38	830.62
Metering	9.2990851873	9.2990851873	9.2990851873	9.2990851873	9.2990851873
Transmission Fixed	6.2129186320	36.4777179252	0.2379948670	202.6854661789	97.2372338351
FST Fixed	0.0224064358	0.1315542170	0.0008583111	0.7309702834	0.3506789594
Demand Toll (\$/GJ/yr)	15.53441	45.90836	9.53794	212.71552	106.88700
Demand Toll (\$/GJ/mo)	1.29453	3.82570	0.79483	17.72629	8.90725
Commodity					
Transmission Variable	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000
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)	0.00000	0.00000	0.00000	0.00000	0.00000
Firm Backhaul Toll (100% LF)	0.04256	0.12578	0.02613	0.58278	0.29284
IT Tolls					
Winter IT (\$/GJ)	0.04256	0.12578	0.02613	0.58278	0.29284
Summer IT (\$/GJ)	0.02128	0.06289	0.01307	0.29139	0.14642