



**CALCULATION OF CONTRIBUTION TO FIXED COSTS
BASED ON APPROVED INTERIM TOLLS IN EFFECT JANUARY 1, 2002**

LINE NO.	RECEIPT POINT	DELIVERY POINT	Demand Toll (\$/GJ/mo)	4% of FT IT Demand Toll (\$/GJ/mo)	Contribution to Fixed Costs (\$/GJ)
<u>Long Haul Domestic Zones</u>					
1	Empress	To Sask. Zone	5.59657	0.22386	0.00736
2	Empress	To Manitoba Zone	10.52861	0.42114	0.01385
3	Empress	To Western Zone	17.02093	0.68084	0.02238
4	Empress	To Northern Zone	26.17841	1.04714	0.03443
5	Empress	To Eastern Zone	32.99445	1.31978	0.04339
6	Suffield	To Sask. Zone	6.21647	0.24866	0.00818
7	Suffield	To Manitoba Zone	10.40981	0.41639	0.01369
8	Suffield	To Western Zone	17.04403	0.68176	0.02241
9	Suffield	To Northern Zone	26.05878	1.04235	0.03427
10	Suffield	To Eastern Zone	32.78771	1.31151	0.04312
11	Richmound	To Sask. Zone	6.21443	0.24858	0.00817
12	Richmound	To Manitoba Zone	10.40777	0.41631	0.01369
13	Richmound	To Western Zone	17.04199	0.68168	0.02241
14	Richmound	To Northern Zone	26.05674	1.04227	0.03427
15	Richmound	To Eastern Zone	32.78567	1.31143	0.04312
16	Bayhurst	To Sask. Zone	5.91236	0.23649	0.00778
17	Bayhurst	To Manitoba Zone	10.10570	0.40423	0.01329
18	Bayhurst	To Western Zone	16.73992	0.66960	0.02201
19	Bayhurst	To Northern Zone	25.75468	1.03019	0.03387
20	Bayhurst	To Eastern Zone	32.48361	1.29934	0.04272
21	Liebenthal	To Sask. Zone	5.77008	0.23080	0.00759
22	Liebenthal	To Manitoba Zone	9.96342	0.39854	0.01310
23	Liebenthal	To Western Zone	16.59764	0.66391	0.02183
24	Liebenthal	To Northern Zone	25.61240	1.02450	0.03368
25	Liebenthal	To Eastern Zone	32.34133	1.29365	0.04253
26	Success	To Manitoba Zone	8.97659	0.35906	0.01180
27	Success	To Western Zone	15.61081	0.62443	0.02053
28	Success	To Northern Zone	24.62556	0.98502	0.03238
29	Success	To Eastern Zone	31.35449	1.25418	0.04123
30	Herbert	To Manitoba Zone	8.36216	0.33449	0.01100
31	Herbert	To Western Zone	14.99638	0.59986	0.01972
32	Herbert	To Northern Zone	24.01113	0.96045	0.03158
33	Herbert	To Eastern Zone	30.74006	1.22960	0.04043
34	Steelman	To Manitoba Zone	6.30871	0.25235	0.00830
35	Steelman	To Western Zone	12.94293	0.51772	0.01702
36	Steelman	To Northern Zone	21.95768	0.87831	0.02888
37	Steelman	To Eastern Zone	28.68661	1.14746	0.03772
38	Welwyn	To Manitoba Zone	3.96125	0.15845	0.00521
39	Welwyn	To Western Zone	10.49850	0.41994	0.01381
40	Welwyn	To Northern Zone	19.51326	0.78053	0.02566
41	Welwyn	To Eastern Zone	26.24219	1.04969	0.03451



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<u>Long Haul Export</u>					
1	Empress	To Spruce	11.65285	0.46611	0.01532
2	Empress	To Emerson	11.87942	0.47518	0.01562
3	Empress	To St. Clair	28.69853	1.14794	0.03774
4	Empress	To Niagara Falls	33.24926	1.32997	0.04373
5	Empress	To Iroquois	33.32208	1.33288	0.04382
6	Empress	To Cornwall	34.15236	1.36609	0.04491
7	Empress	To Sabrevois	35.68523	1.42741	0.04693
8	Empress	To Philipsburg	36.02381	1.44095	0.04737
9	Empress	To Napierville	35.83631	1.43345	0.04713
10	Empress	To Chippawa	33.27492	1.33100	0.04376
11	Empress	To East Hereford	38.00994	1.52040	0.04999
12	Suffield	To Emerson	11.85763	0.47431	0.01559
13	Suffield	To St. Clair	28.67673	1.14707	0.03771
14	Suffield	To Niagara Falls	33.22497	1.32900	0.04369
15	Suffield	To Chippawa	33.25063	1.33003	0.04373
16	Suffield	To Iroquois	33.30024	1.33201	0.04379
17	Suffield	To Cornwall	34.12997	1.36520	0.04488
18	Suffield	To Sabrevois	35.66284	1.42651	0.04690
19	Suffield	To Napierville	35.81392	1.43256	0.04710
20	Suffield	To Philipsburg	36.00141	1.44006	0.04734
21	Suffield	To East Hereford	37.98753	1.51950	0.04996
22	Richmond	To Emerson	11.85559	0.47422	0.01559
23	Richmond	To St. Clair	28.67469	1.14699	0.03771
24	Richmond	To Niagara Falls	33.22293	1.32892	0.04369
25	Richmond	To Chippawa	33.24859	1.32994	0.04372
26	Richmond	To Iroquois	33.29820	1.33193	0.04379
27	Richmond	To Cornwall	34.12793	1.36512	0.04488
28	Richmond	To Sabrevois	35.66080	1.42643	0.04690
29	Richmond	To Napierville	35.81188	1.43248	0.04710
30	Richmond	To Philipsburg	35.99937	1.43997	0.04734
31	Richmond	To East Hereford	37.98549	1.51942	0.04995
32	Bayhurst	To Emerson	11.55352	0.46214	0.01519
33	Bayhurst	To St. Clair	28.37263	1.13491	0.03731
34	Bayhurst	To Niagara Falls	32.92086	1.31683	0.04329
35	Bayhurst	To Chippawa	32.94653	1.31786	0.04333
36	Bayhurst	To Iroquois	32.99614	1.31985	0.04339
37	Bayhurst	To Cornwall	33.82587	1.35303	0.04448
38	Bayhurst	To Sabrevois	35.35874	1.41435	0.04650
39	Bayhurst	To Napierville	35.50982	1.42039	0.04670
40	Bayhurst	To Philipsburg	35.69731	1.42789	0.04694
41	Bayhurst	To East Hereford	37.68343	1.50734	0.04956
42	Liebenthal	To Emerson	11.41124	0.45645	0.01501
43	Liebenthal	To St. Clair	28.23035	1.12921	0.03712
44	Liebenthal	To Niagara Falls	32.77858	1.31114	0.04311
45	Liebenthal	To Chippawa	32.80425	1.31217	0.04314
46	Liebenthal	To Iroquois	32.85386	1.31415	0.04321



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<u>Long Haul Export (continued)</u>					
1	Liebenthal	To Cornwall	33.68359	1.34734	0.04430
2	Liebenthal	To Sabrevois	35.21646	1.40866	0.04631
3	Liebenthal	To Napierville	35.36754	1.41470	0.04651
4	Liebenthal	To Philipsburg	35.55503	1.42220	0.04676
5	Liebenthal	To East Hereford	37.54115	1.50165	0.04937
6	Success	To Emerson	10.42441	0.41698	0.01371
7	Success	To St. Clair	27.24351	1.08974	0.03583
8	Success	To Niagara Falls	31.79175	1.27167	0.04181
9	Success	To Chippawa	31.81741	1.27270	0.04184
10	Success	To Iroquois	31.86702	1.27468	0.04191
11	Success	To Cornwall	32.69676	1.30787	0.04300
12	Success	To Sabrevois	34.22962	1.36918	0.04501
13	Success	To Napierville	34.38071	1.37523	0.04521
14	Success	To Philipsburg	34.56820	1.38273	0.04546
15	Success	To East Hereford	36.55432	1.46217	0.04807
16	Herbert	To Emerson	9.80997	0.39240	0.01290
17	Herbert	To St. Clair	26.62908	1.06516	0.03502
18	Herbert	To Niagara Falls	31.17731	1.24709	0.04100
19	Herbert	To Chippawa	31.20298	1.24812	0.04103
20	Herbert	To Iroquois	31.25259	1.25010	0.04110
21	Herbert	To Cornwall	32.08232	1.28329	0.04219
22	Herbert	To Sabrevois	33.61519	1.34461	0.04421
23	Herbert	To Napierville	33.76627	1.35065	0.04440
24	Herbert	To Philipsburg	33.95376	1.35815	0.04465
25	Herbert	To East Hereford	35.93988	1.43760	0.04726
26	Steelman	To Emerson	7.75653	0.31026	0.01020
27	Steelman	To St. Clair	24.57563	0.98303	0.03232
28	Steelman	To Niagara Falls	29.12636	1.16505	0.03830
29	Steelman	To Chippawa	29.14953	1.16598	0.03833
30	Steelman	To Iroquois	29.19914	1.16797	0.03840
31	Steelman	To Cornwall	30.02887	1.20115	0.03949
32	Steelman	To Sabrevois	31.56174	1.26247	0.04151
33	Steelman	To Napierville	31.71282	1.26851	0.04170
34	Steelman	To Philipsburg	31.90098	1.27604	0.04195
35	Steelman	To East Hereford	33.88643	1.35546	0.04456
36	Welwyn	To Emerson	5.31210	0.21248	0.00699
37	Welwyn	To St. Clair	22.13121	0.88525	0.02910
38	Welwyn	To Niagara Falls	26.67944	1.06718	0.03509
39	Welwyn	To Chippawa	26.70511	1.06820	0.03512
40	Welwyn	To Iroquois	26.75472	1.07019	0.03518
41	Welwyn	To Cornwall	27.58445	1.10338	0.03628
42	Welwyn	To Sabrevois	29.11732	1.16469	0.03829
43	Welwyn	To Napierville	29.26840	1.17074	0.03849
44	Welwyn	To Philipsburg	29.45589	1.17824	0.03874
45	Welwyn	To East Hereford	31.44201	1.25768	0.04135



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<u>Short Haul Tolls</u>					
1	Emerson	To Union SWDA	17.81502	0.71260	0.02343
2	Emerson	To Consumers SWDA	17.96460	0.71858	0.02362
3	Emerson	To Union CDA	20.40216	0.81609	0.02683
4	Emerson	To Consumers CDA	21.18862	0.84754	0.02786
5	Emerson	To Consumers EDA	23.68952	0.94758	0.03115
6	Emerson	To Union NCDA	21.25133	0.85005	0.02795
7	Emerson	To Union EDA	23.61124	0.94445	0.03105
8	Emerson	To Union NDA	17.31366	0.69255	0.02277
9	Emerson	To Union SSMDA	13.19033	0.52761	0.01735
10	Emerson	To Union WDA	7.76275	0.31051	0.01021
11	Emerson	To Centrat MDA	2.41459	0.09658	0.00318
12	Emerson	To GMi EDA	26.11580	1.04463	0.03434
13	Emerson	To GMi NDA	18.29534	0.73181	0.02406
14	Emerson	To KPUC EDA	23.66321	0.94653	0.03112
15	Emerson	To Napierville	26.00767	1.04031	0.03420
16	Emerson	To Niagara Falls	21.19398	0.84776	0.02787
17	Emerson	To Chippawa	21.21857	0.84874	0.02790
18	Emerson	To Iroquois	23.99781	0.95991	0.03156
19	Emerson	To Cornwall	24.32371	0.97295	0.03199
20	Emerson	To Sabrevois	25.85658	1.03426	0.03400
21	Emerson	To Spruce	2.41459	0.09658	0.00318
22	Emerson	To Philipsburg	26.19515	1.04781	0.03445
23	Emerson	To East Hereford	28.18127	1.12725	0.03706
24	Emerson	To TCPL NDA	15.78090	0.63124	0.02075
25	Emerson	To TPLP NDA	12.98459	0.51938	0.01708
26	Emerson	To TCPL WDA	9.43307	0.37732	0.01241
27	Dawn	To Union CDA	3.32824	0.13313	0.00438
28	Dawn	To Consumers CDA	4.14744	0.16590	0.00545
29	Dawn	To Consumers EDA	8.40919	0.33637	0.01106
30	Dawn	To GMi NDA	8.57370	0.34295	0.01128
31	Dawn	To GMi EDA	10.12278	0.40491	0.01331
32	Dawn	To KPUC EDA	6.58929	0.26357	0.00867
33	Dawn	To Union NCDA	5.29578	0.21183	0.00696
34	Dawn	To Union EDA	6.81995	0.27280	0.00897
35	Dawn	To Union NDA	9.26094	0.37044	0.01218
36	Dawn	To Union SSMDA	7.42493	0.29700	0.00976
37	Dawn	To Union WDA	19.05817	0.76233	0.02506
38	Dawn	To Centrat MDA	19.48845	0.77954	0.02563
39	Dawn	To Napierville	10.01464	0.40059	0.01317
40	Dawn	To Niagara Falls	4.11910	0.16476	0.00542
41	Dawn	To Chippawa	4.14476	0.16579	0.00545
42	Dawn	To Iroquois	7.90847	0.31634	0.01040
43	Dawn	To Cornwall	8.33069	0.33323	0.01096
44	Dawn	To Sabrevois	9.86367	0.39455	0.01297
45	Dawn	To Spruce	19.48845	0.77954	0.02563
46	Dawn	To Philipsburg	10.20213	0.40809	0.01342
47	Dawn	To East Hereford	12.18836	0.48753	0.01603
48	Dawn	To TCPL NDA	10.77898	0.43116	0.01418
49	Dawn	To TPLP NDA	13.57519	0.54301	0.01785
50	Dawn	To TCPL WDA	17.12682	0.68507	0.02252



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<u>Short Haul Tolls (continued)</u>					
1	Sault Ste. Marie	To Union SWDA	7.15852	0.28634	0.00941
2	Sault Ste. Marie	To Consumers SWDA	7.30810	0.29232	0.00961
3	Sault Ste. Marie	To Union CDA	9.74565	0.38983	0.01282
4	Sault Ste. Marie	To Consumers CDA	10.53297	0.42132	0.01385
5	Sault Ste. Marie	To Consumers EDA	14.82671	0.59307	0.01950
6	Sault Ste. Marie	To Union SSMDA	1.00687	0.04027	0.00132
7	Sault Ste. Marie	To Union NCDA	11.55578	0.46223	0.01520
8	Sault Ste. Marie	To Union EDA	13.23780	0.52951	0.01741
9	Sault Ste. Marie	To Union NDA	15.68684	0.62747	0.02063
10	Sault Ste. Marie	To Union WDA	20.24291	0.80972	0.02662
11	Sault Ste. Marie	To Centrat MDA	14.59799	0.58392	0.01920
12	Sault Ste. Marie	To GMi EDA	16.54019	0.66161	0.02175
13	Sault Ste. Marie	To GMi NDA	14.99111	0.59964	0.01971
14	Sault Ste. Marie	To KPUC EDA	13.00671	0.52027	0.01710
15	Sault Ste. Marie	To Napierville	16.43174	0.65727	0.02161
16	Sault Ste. Marie	To Niagara Falls	10.53641	0.42146	0.01386
17	Sault Ste. Marie	To Chippawa	10.56207	0.42248	0.01389
18	Sault Ste. Marie	To Iroquois	14.32589	0.57304	0.01884
19	Sault Ste. Marie	To Cornwall	14.74811	0.58992	0.01939
20	Sault Ste. Marie	To Sabrevois	16.28108	0.65124	0.02141
21	Sault Ste. Marie	To Spruce	14.59799	0.58392	0.01920
22	Sault Ste. Marie	To Philipsburg	16.61955	0.66478	0.02186
23	Sault Ste. Marie	To East Hereford	18.60567	0.74423	0.02447
24	Sault Ste. Marie	To TCPL NDA	17.19640	0.68786	0.02261
25	Sault Ste. Marie	To TPLP NDA	19.99260	0.79970	0.02629
26	Sault Ste. Marie	To TCPL WDA	21.61653	0.86466	0.02843
27	St. Clair	To Union SWDA	1.04242	0.04170	0.00137
28	St. Clair	To Consumers SWDA	1.14657	0.04586	0.00151
29	St. Clair	To Union CDA	3.58413	0.14337	0.00471
30	St. Clair	To Consumers CDA	4.37144	0.17486	0.00575
31	St. Clair	To Consumers EDA	8.69869	0.34795	0.01144
32	St. Clair	To Union NCDA	5.55167	0.22207	0.00730
33	St. Clair	To Union EDA	7.06704	0.28268	0.00929
34	St. Clair	To Union NDA	9.51682	0.38067	0.01252
35	St. Clair	To Union SSMDA	7.16904	0.28676	0.00943
36	St. Clair	To Union WDA	19.25339	0.77014	0.02532
37	St. Clair	To Centrat MDA	19.23256	0.76930	0.02529
38	St. Clair	To GMi EDA	10.37867	0.41515	0.01365
39	St. Clair	To GMi NDA	8.82959	0.35318	0.01161
40	St. Clair	To KPUC EDA	6.84518	0.27381	0.00900
41	St. Clair	To Napierville	10.27053	0.41082	0.01351
42	St. Clair	To Niagara Falls	4.36488	0.17460	0.00574
43	St. Clair	To Chippawa	4.40054	0.17602	0.00579
44	St. Clair	To Iroquois	8.16436	0.32657	0.01074
45	St. Clair	To Cornwall	8.58658	0.34346	0.01129
46	St. Clair	To Sabrevois	10.11955	0.40478	0.01331
47	St. Clair	To Spruce	19.23256	0.76930	0.02529
48	St. Clair	To Philipsburg	10.45802	0.41832	0.01375
49	St. Clair	To East Hereford	12.44414	0.49777	0.01636
50	St. Clair	To TCPL NDA	11.03487	0.44139	0.01451
51	St. Clair	To TPLP NDA	13.83108	0.55324	0.01819
52	St. Clair	To TCPL WDA	17.38271	0.69531	0.02286



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<u>Short Haul Tolls (continued)</u>					
1	Parkway	To Union WDA	16.84000	0.67360	0.02215
2	Parkway	To Union NDA	6.81007	0.27240	0.00896
3	Parkway	To Union SSMDA	9.86130	0.39445	0.01297
4	Parkway	To TCPL NDA	8.34272	0.33371	0.01097
5	Parkway	To TPLP NDA	11.13892	0.44556	0.01465
6	Parkway	To TCPL WDA	14.69055	0.58762	0.01932
7	Parkway	To GMi NDA	6.13743	0.24550	0.00807
8	Parkway	To Union CDA	0.95672	0.03827	0.00126
9	Parkway	To Union SWDA	3.47653	0.13906	0.00457
10	Parkway	To Consumers CDA	1.67929	0.06717	0.00221
11	Parkway	To Consumers EDA	5.97303	0.23892	0.00785
12	Parkway	To Consumers SWDA	3.32695	0.13308	0.00438
13	Parkway	To Union NCDA	2.85952	0.11438	0.00376
14	Parkway	To Union EDA	4.38368	0.17535	0.00576
15	Parkway	To Centrat MDA	21.92471	0.87699	0.02883
16	Parkway	To GMi EDA	7.68673	0.30747	0.01011
17	Parkway	To KPUC EDA	4.15303	0.16612	0.00546
18	Parkway	To Napierville	7.57838	0.30314	0.00997
19	Parkway	To Niagara Falls	2.31574	0.09263	0.00305
20	Parkway	To Chippawa	2.34140	0.09366	0.00308
21	Parkway	To Emerson	20.40087	0.81603	0.02683
22	Parkway	To Iroquois	5.47221	0.21889	0.00720
23	Parkway	To Cornwall	5.89443	0.23578	0.00775
24	Parkway	To Sabrevois	7.42740	0.29710	0.00977
25	Parkway	To Spruce	21.92471	0.87699	0.02883
26	Parkway	To St. Clair	3.58284	0.14331	0.00471
27	Parkway	To Philipsburg	7.76587	0.31063	0.01021
28	Parkway	To East Hereford	9.75210	0.39008	0.01282
29	Kirkwall	To Union CDA	1.30228	0.05209	0.00171
30	Kirkwall	To Consumers CDA	2.08959	0.08358	0.00275
31	Kirkwall	To Consumers EDA	6.38334	0.25533	0.00839
32	Kirkwall	To Union NCDA	3.26982	0.13079	0.00430
33	Kirkwall	To Union EDA	4.79399	0.19176	0.00630
34	Kirkwall	To Union NDA	7.23498	0.28940	0.00951
35	Kirkwall	To Union SSMDA	9.45089	0.37804	0.01243
36	Kirkwall	To Union WDA	17.25052	0.69002	0.02269
37	Kirkwall	To Centrat MDA	21.51441	0.86058	0.02829
38	Kirkwall	To GMi EDA	8.09682	0.32387	0.01065
39	Kirkwall	To GMi NDA	6.54774	0.26191	0.00861
40	Kirkwall	To KPUC EDA	4.56333	0.18253	0.00600
41	Kirkwall	To Napierville	7.98868	0.31955	0.01051
42	Kirkwall	To Niagara Falls	2.09314	0.08373	0.00275
43	Kirkwall	To Chippawa	2.11880	0.08475	0.00279
44	Kirkwall	To Iroquois	5.88251	0.23530	0.00774
45	Kirkwall	To Cornwall	6.30473	0.25219	0.00829
46	Kirkwall	To Sabrevois	7.83771	0.31351	0.01031
47	Kirkwall	To Spruce	21.51441	0.86058	0.02829
48	Kirkwall	To Philipsburg	8.17617	0.32705	0.01075
49	Kirkwall	To East Hereford	10.16240	0.40650	0.01336
50	Kirkwall	To TCPL NDA	8.75302	0.35012	0.01151
51	Kirkwall	To TPLP NDA	11.54923	0.46197	0.01519
52	Kirkwall	To TCPL WDA	15.10086	0.60403	0.01986



**CALCULATION OF CONTRIBUTION TO FIXED COSTS
 BASED ON APPROVED INTERIM TOLLS IN EFFECT JANUARY 1, 2002**

LINE NO.	RECEIPT POINT	DELIVERY POINT	Demand Toll (\$/GJ/mo)	4% of FT IT Demand Toll (\$/GJ/mo)	Contribution to Fixed Costs (\$/GJ)
<u>Short Haul Tolls (continued)</u>					
1	Niagara Falls	To Union CDA	2.26452	0.09058	0.00298
2	Niagara Falls	To Consumers CDA	2.68577	0.10743	0.00353
3	Niagara Falls	To Consumers EDA	7.39809	0.29592	0.00973
4	Niagara Falls	To Union NCDA	4.28661	0.17146	0.00564
5	Niagara Falls	To Union EDA	5.80874	0.23235	0.00764
6	Niagara Falls	To Union NDA	8.24973	0.32999	0.01085
7	Niagara Falls	To Union SSMDA	10.65335	0.42613	0.01401
8	Niagara Falls	To Union WDA	18.26506	0.73060	0.02402
9	Niagara Falls	To Centrat MDA	22.71686	0.90867	0.02987
10	Niagara Falls	To GMi EDA	9.11157	0.36446	0.01198
11	Niagara Falls	To GMi NDA	7.56249	0.30250	0.00995
12	Niagara Falls	To KPUC EDA	5.57814	0.22313	0.00734
13	Niagara Falls	To Chippawa	1.30593	0.05224	0.00172
14	Niagara Falls	To Iroquois	6.89726	0.27589	0.00907
15	Niagara Falls	To Cornwall	7.31948	0.29278	0.00963
16	Niagara Falls	To Napierville	9.00354	0.36014	0.01184
17	Niagara Falls	To Sabrevois	8.85246	0.35410	0.01164
18	Niagara Falls	To Spruce	22.71686	0.90867	0.02987
19	Niagara Falls	To Philipsburg	9.19092	0.36764	0.01209
20	Niagara Falls	To East Hereford	11.17704	0.44708	0.01470
21	Niagara Falls	To TCPL NDA	9.76777	0.39071	0.01285
22	Niagara Falls	To TPLP NDA	12.56398	0.50256	0.01652
23	Niagara Falls	To TCPL WDA	16.11561	0.64462	0.02119
24	Chippawa	To Union CDA	2.29018	0.09161	0.00301
25	Chippawa	To Consumers CDA	2.71992	0.10880	0.00358
26	Chippawa	To Consumers EDA	7.42375	0.29695	0.00976
27	Chippawa	To Union NCDA	4.31034	0.17241	0.00567
28	Chippawa	To Union EDA	5.83440	0.23338	0.00767
29	Chippawa	To Union NDA	8.27539	0.33102	0.01088
30	Chippawa	To Union SSMDA	10.67901	0.42716	0.01404
31	Chippawa	To Union WDA	18.29072	0.73163	0.02405
32	Chippawa	To Centrat MDA	22.74253	0.90970	0.02991
33	Chippawa	To GMi EDA	8.62674	0.34507	0.01134
34	Chippawa	To GMi NDA	7.58815	0.30353	0.00998
35	Chippawa	To KPUC EDA	5.60375	0.22415	0.00737
36	Chippawa	To Napierville	9.02921	0.36117	0.01187
37	Chippawa	To Niagara Falls	1.30593	0.05224	0.00172
38	Chippawa	To Iroquois	6.92293	0.27692	0.00910
39	Chippawa	To Cornwall	7.34515	0.29381	0.00966
40	Chippawa	To Sabrevois	8.87812	0.35512	0.01168
41	Chippawa	To Spruce	22.74253	0.90970	0.02991
42	Chippawa	To Philipsburg	9.21659	0.36866	0.01212
43	Chippawa	To East Hereford	11.20271	0.44811	0.01473
44	Chippawa	To TCPL NDA	9.79344	0.39174	0.01288
45	Chippawa	To TPLP NDA	12.58964	0.50359	0.01656
46	Chippawa	To TCPL WDA	16.14127	0.64565	0.02123



**CALCULATION OF CONTRIBUTION TO FIXED COSTS
BASED ON APPROVED INTERIM TOLLS IN EFFECT JANUARY 1, 2002**

LINE NO.	RECEIPT POINT	DELIVERY POINT	Demand Toll (\$/GJ/mo)	4% of FT IT Demand Toll (\$/GJ/mo)	Contribution to Fixed Costs (\$/GJ)
<u>Short Haul Tolls (continued)</u>					
1	Iroquois	To Union SWDA	8.05805	0.32232	0.01060
2	Iroquois	To Consumers SWDA	7.90847	0.31634	0.01040
3	Iroquois	To Union CDA	5.53825	0.22153	0.00728
4	Iroquois	To Consumers CDA	5.20290	0.20812	0.00684
5	Iroquois	To Consumers EDA	1.90640	0.07626	0.00251
6	Iroquois	To Union NCDA	6.35896	0.25436	0.00836
7	Iroquois	To Union EDA	2.06264	0.08251	0.00271
8	Iroquois	To Union SSMDA	14.44272	0.57771	0.01899
9	Iroquois	To GMi EDA	3.20110	0.12804	0.00421
10	Iroquois	To GMi NDA	6.90231	0.27609	0.00908
11	Iroquois	To KPUC EDA	2.20986	0.08839	0.00291
12	Iroquois	To Emerson	23.99781	0.95991	0.03156
13	Iroquois	To St. Clair	8.16436	0.32657	0.01074
14	Iroquois	To Niagara Falls	6.89726	0.27589	0.00907
15	Iroquois	To Chippawa	6.92293	0.27692	0.00910
16	Iroquois	To Cornwall	1.40901	0.05636	0.00185
17	Iroquois	To Napierville	3.09296	0.12372	0.00407
18	Iroquois	To Sabrevois	2.94188	0.11768	0.00387
19	Iroquois	To Philipsburg	3.28045	0.13122	0.00431
20	Iroquois	To East Hereford	5.26657	0.21066	0.00693
21	Cornwall	To Union SWDA	8.48027	0.33921	0.01115
22	Cornwall	To Consumers SWDA	8.33069	0.33323	0.01096
23	Cornwall	To Union CDA	5.92106	0.23684	0.00779
24	Cornwall	To Consumers CDA	5.62512	0.22500	0.00740
25	Cornwall	To Consumers EDA	2.16175	0.08647	0.00284
26	Cornwall	To Union NCDA	6.76368	0.27055	0.00889
27	Cornwall	To Union EDA	2.41732	0.09669	0.00318
28	Cornwall	To Union SSMDA	14.86494	0.59460	0.01955
29	Cornwall	To GMi EDA	2.68835	0.10753	0.00354
30	Cornwall	To GMi NDA	7.22832	0.28913	0.00951
31	Cornwall	To KPUC EDA	2.63208	0.10528	0.00346
32	Cornwall	To Emerson	24.32371	0.97295	0.03199
33	Cornwall	To St. Clair	8.58658	0.34346	0.01129
34	Cornwall	To Niagara Falls	7.50719	0.30029	0.00987
35	Cornwall	To Chippawa	7.53285	0.30131	0.00991
36	Cornwall	To Iroquois	1.40901	0.05636	0.00185
37	Cornwall	To Napierville	2.57464	0.10299	0.00339
38	Cornwall	To Sabrevois	2.42355	0.09694	0.00319
39	Cornwall	To Philipsburg	2.76212	0.11048	0.00363
40	Cornwall	To East Hereford	4.74824	0.18993	0.00624
41	Napierville	To Union SWDA	10.16423	0.40657	0.01337
42	Napierville	To Consumers SWDA	10.01464	0.40059	0.01317
43	Napierville	To Union CDA	7.64442	0.30578	0.01005
44	Napierville	To Consumers CDA	7.30907	0.29236	0.00961
45	Napierville	To Consumers EDA	3.82316	0.15293	0.00503
46	Napierville	To Union NCDA	8.44774	0.33791	0.01111
47	Napierville	To Union EDA	4.10052	0.16402	0.00539
48	Napierville	To Union SSMDA	16.54889	0.66196	0.02176
49	Napierville	To GMi EDA	2.66151	0.10646	0.00350
50	Napierville	To GMi NDA	8.91227	0.35649	0.01172
51	Napierville	To KPUC EDA	4.31603	0.17264	0.00568



**CALCULATION OF CONTRIBUTION TO FIXED COSTS
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LINE NO.	RECEIPT POINT	DELIVERY POINT	Demand Toll (\$/GJ/mo)	4% of FT IT Demand Toll (\$/GJ/mo)	Contribution to Fixed Costs (\$/GJ)
<u>Short Haul Tolls (continued)</u>					
1	Napierville	To Emerson	26.00767	1.04031	0.03420
2	Napierville	To St. Clair	10.27053	0.41082	0.01351
3	Napierville	To Niagara Falls	9.00354	0.36014	0.01184
4	Napierville	To Chippawa	9.02915	0.36117	0.01187
5	Napierville	To Iroquois	3.09296	0.12372	0.00407
6	Napierville	To Sabrevois	1.53873	0.06155	0.00202
7	Napierville	To Philipsburg	1.87730	0.07509	0.00247
8	Napierville	To East Hereford	5.06620	0.20265	0.00666
9	Sabrevois	To Union SWDA	10.01325	0.40053	0.01317
10	Sabrevois	To Consumers SWDA	9.86367	0.39455	0.01297
11	Sabrevois	To Union CDA	7.49344	0.29974	0.00985
12	Sabrevois	To Consumers CDA	7.15809	0.28632	0.00941
13	Sabrevois	To Consumers EDA	3.67207	0.14688	0.00483
14	Sabrevois	To Union NCDA	8.29601	0.33184	0.01091
15	Sabrevois	To Union EDA	3.94954	0.15798	0.00519
16	Sabrevois	To Union SSMDA	16.39791	0.65592	0.02156
17	Sabrevois	To GMi EDA	2.48304	0.09932	0.00327
18	Sabrevois	To GMi NDA	8.76118	0.35045	0.01152
19	Sabrevois	To KPUC EDA	4.16495	0.16660	0.00548
20	Sabrevois	To Emerson	25.85662	1.03426	0.03400
21	Sabrevois	To St. Clair	10.11955	0.40478	0.01331
22	Sabrevois	To Niagara Falls	8.85246	0.35410	0.01164
23	Sabrevois	To Chippawa	8.87812	0.35512	0.01168
24	Sabrevois	To Iroquois	2.94188	0.11768	0.00387
25	Sabrevois	To Napierville	1.53873	0.06155	0.00202
26	Sabrevois	To Philipsburg	1.22926	0.04917	0.00162
27	Sabrevois	To East Hereford	4.91511	0.19660	0.00646
28	Phillipsburg	To Union SWDA	10.35171	0.41407	0.01361
29	Phillipsburg	To Consumers SWDA	10.20213	0.40809	0.01342
30	Phillipsburg	To Union CDA	7.83191	0.31328	0.01030
31	Phillipsburg	To Consumers CDA	7.49656	0.29986	0.00986
32	Phillipsburg	To Consumers EDA	4.01064	0.16043	0.00527
33	Phillipsburg	To Union NCDA	8.63458	0.34538	0.01136
34	Phillipsburg	To Union EDA	4.28801	0.17152	0.00564
35	Phillipsburg	To Union SSMDA	16.73638	0.66946	0.02201
36	Phillipsburg	To GMi EDA	2.82140	0.11286	0.00371
37	Phillipsburg	To GMi NDA	9.09976	0.36399	0.01197
38	Phillipsburg	To KPUC EDA	4.50352	0.18014	0.00592
39	Phillipsburg	To Emerson	26.19516	1.04781	0.03445
40	Phillipsburg	To St. Clair	10.45804	0.41832	0.01375
41	Phillipsburg	To Niagara Falls	9.19092	0.36764	0.01209
42	Phillipsburg	To Chippawa	9.21659	0.36866	0.01212
43	Phillipsburg	To Iroquois	3.28045	0.13122	0.00431
44	Phillipsburg	To Napierville	1.87730	0.07509	0.00247
45	Phillipsburg	To Sabrevois	1.22926	0.04917	0.00162
46	Phillipsburg	To East Hereford	5.25369	0.21015	0.00691



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<u>Short Haul Tolls (continued)</u>					
1	East Hereford	To Union SWDA	12.33783	0.49351	0.01623
2	East Hereford	To Consumers SWDA	12.18836	0.48753	0.01603
3	East Hereford	To Union CDA	9.81814	0.39273	0.01291
4	East Hereford	To Consumers CDA	9.48278	0.37931	0.01247
5	East Hereford	To Consumers EDA	5.99666	0.23987	0.00789
6	East Hereford	To Union NCDA	10.62070	0.42483	0.01397
7	East Hereford	To Union EDA	6.27424	0.25097	0.00825
8	East Hereford	To Union SSMDA	18.72250	0.74890	0.02462
9	East Hereford	To GMi EDA	4.22412	0.16896	0.00556
10	East Hereford	To GMi NDA	11.08588	0.44344	0.01458
11	East Hereford	To KPUC EDA	6.48964	0.25959	0.00853
12	East Hereford	To Emerson	28.18127	1.12725	0.03706
13	East Hereford	To St. Clair	12.44414	0.49777	0.01636
14	East Hereford	To Napierville	5.06620	0.20265	0.00666
15	East Hereford	To Niagara Falls	11.17704	0.44708	0.01470
16	East Hereford	To Chippawa	11.20271	0.44811	0.01473
17	East Hereford	To Cornwall	4.74824	0.18993	0.00624
18	East Hereford	To Iroquois	5.26657	0.21066	0.00693
19	East Hereford	To Sabrevois	4.91511	0.19660	0.00646
20	East Hereford	To Philipsburg	5.25369	0.21015	0.00691

(1) Contributions to Fixed Costs for interruptible service is equal to 4% times the FT Daily Demand Toll which was in effect on February 1, 2001 pursuant to NEB order TGI-6-2000.