

Current NECA SPA B 29 29 29 29 29 29 29
 Projected JSI Group G G G G G G G

SAC	100005	100007	100034	140061	140062	150114	150129	170183
	Cobbosseecon e Telephone Company	ISLAND TEL. CO.	WEST PENOBSCOT TEL. & TEL. CO.	Northfield Telephone Company	Perkinsville Telephone Company, Inc	Oriskany Falls Telephone Corporation	TOWNSHIP TEL. CO., INC.	Mahanoy and Mahantango Telephone Company
Rule 51.909 (a) (5) (i)	4.10%	-75.05%	77.68%	66.87%	88.53%	23.66%	60.20%	67.85%
1 Pool Adjustment Factor from NECA								
2 End Office Local Switching Originating Premium Rate	\$0.048282	\$0.048282	\$0.014483	\$0.014483	\$0.014483	\$0.014483	\$0.014483	\$0.014483
3 Local Switching Terminating Premium Rate	\$0.005000	\$0.005000	\$0.005000	\$0.005000	\$0.005000	\$0.005000	\$0.005000	\$0.005000
4 Information Surcharge Originating (Per 100 MOU)	\$0.0531	\$0.0531	\$0.0531	\$0.0531	\$0.0531	\$0.0531	\$0.0531	\$0.0531
Local Transport								
5 Voice Grade 2-Wire Entrance Facility	\$61.34	\$81.97	\$81.97	\$47.25	\$87.84	\$47.25	\$61.34	\$61.34
6 Voice Grade 4-Wire Entrance Facility	\$98.16	\$131.17	\$131.17	\$75.62	\$140.57	\$75.62	\$98.16	\$98.16
7 DS-1 Entrance Facility	\$299.06	\$399.62	\$399.62	\$230.39	\$428.29	\$230.39	\$299.06	\$299.06
8 DS-3 Entrance Facility	\$2,730.65	\$3,648.81	\$3,648.81	\$2,103.66	\$3,910.59	\$2,103.66	\$2,730.65	\$2,730.65
9 Voice Grade 2-Wire Direct Trunk Facility Per (Per MOU Per Mile)	\$4.37	\$5.83	\$5.83	\$3.37	\$6.27	\$3.37	\$4.37	\$4.37
10 Voice Grade 4-Wire Direct Trunk Facility Per (Per MOU Per Mile)	\$4.37	\$5.83	\$5.83	\$3.37	\$6.27	\$3.37	\$4.37	\$4.37
11 DS-1 Direct Trunk Facility Per (Per MOU Per Mile)	\$20.49	\$27.38	\$27.38	\$15.78	\$29.35	\$15.78	\$20.49	\$20.49
12 DS-3 Direct Trunk Facility Per (Per MOU Per Mile)	\$178.48	\$238.50	\$238.50	\$137.51	\$255.61	\$137.51	\$178.48	\$178.48
13 Voice Grade 2-Wire Direct Trunk Termination	\$43.92	\$58.68	\$58.68	\$33.83	\$62.89	\$33.83	\$43.92	\$43.92
14 Voice Grade 4-Wire Direct Trunk Termination	\$43.92	\$58.68	\$58.68	\$33.83	\$62.89	\$33.83	\$43.92	\$43.92
15 DS-1 Direct Trunk Termination	\$106.31	\$142.05	\$142.05	\$81.90	\$152.25	\$81.90	\$106.31	\$106.31
16 DS-3 Direct Trunk Termination	\$682.65	\$912.18	\$912.18	\$525.90	\$977.63	\$525.90	\$682.65	\$682.65
17 Multiplexing DS3-DS1	\$622.84	\$832.26	\$832.26	\$479.83	\$891.97	\$479.83	\$622.84	\$622.84
18 Multiplexing DS1-Voice	\$240.47	\$321.33	\$321.33	\$185.25	\$344.38	\$185.25	\$240.47	\$240.47
19 Tandem Switched Facility (Per MOU per Mile)	\$0.000433	\$0.000433	\$0.000202	\$0.000202	\$0.000202	\$0.000202	\$0.000202	\$0.000202
20 Tandem Switched Termination	\$0.002247	\$0.002247	\$0.001053	\$0.001053	\$0.001053	\$0.001053	\$0.001053	\$0.001053
21 Tandem Switching	\$0.005668	\$0.005668	\$0.002655	\$0.002655	\$0.002655	\$0.002655	\$0.002655	\$0.002655
22 Network Blocking Per Blocked Call (FGD Only)	\$0.016500	\$0.016500	\$0.016500	\$0.016500	\$0.016500	\$0.016500	\$0.016500	\$0.016500
23 800 Data Base Access Service Queries, Per Query - Basic	\$0.0057	\$0.0057	\$0.0057	\$0.0057	\$0.0057	\$0.0057	\$0.0057	\$0.0057
24 800 Data Base Access Service Queries, Per Query - Vertical Feature	\$0.0063	\$0.0063	\$0.0063	\$0.0063	\$0.0063	\$0.0063	\$0.0063	\$0.0063
25 Common Channel Signaling - Mileage Facility, per mile	\$5.88	\$7.87	\$7.87	\$4.53	\$8.43	\$4.53	\$5.88	\$5.88
26 Common Channel Signaling - Termination, per Termination	\$59.11	\$78.99	\$78.99	\$45.54	\$84.66	\$45.54	\$59.11	\$59.11
27 Common Channel Signaling - Signaling Entrance Facility, per facility	\$113.19	\$151.29	\$151.29	\$87.21	\$162.13	\$87.21	\$113.19	\$113.19
28 Common Channel Signaling - STP Port, per port	\$583.42	\$779.59	\$779.59	\$449.46	\$835.52	\$449.46	\$583.42	\$583.42

Current Switched Interstate Access Rates Per Rate Element

		Current NECA SPA B	29	29	29	29	29	29	29	29
		Projected JSI Group	G	G	G	G	G	G	G	G
		SAC	100005	100007	100034	140061	140062	150114	150129	170183
			Cobbosseecon e Telephone Company	ISLAND TEL. CO.	WEST PENOBSCOT TEL. & TEL. CO.	Northfield Telephone Company	Perkinsville Telephone Company, Inc	Oriskany Falls Telephone Corporation	TOWNSHIP TEL. CO., INC.	Mahanoy and Mahantango Telephone Company
1	Pool Adjustment Factor from NECA	Rule 51.909 (a) (5) (i)	4.10%	-75.05%	77.68%	66.87%	88.53%	23.66%	60.20%	67.85%
July 1, 2017 Recurring Switched Access Service Rates										
29	End Office									
	Local Switching Originating Premium Rate	Line 2 * (1 - Line 1)	\$0.046302	\$0.084519	\$0.003232	\$0.004798	\$0.001661	\$0.011056	\$0.005764	\$0.004657
30	Local Switching Terminating Premium Rate	Line 60	\$0.003567	\$0.003567	\$0.003567	\$0.003567	\$0.003567	\$0.003567	\$0.003567	\$0.003567
31	Information Surcharge Originating (Per 100 MOU)	Line 4 * (1 - Line 1)	\$0.0509	\$0.0930	\$0.0118	\$0.0176	\$0.0061	\$0.0405	\$0.0211	\$0.0171
Local Transport										
32	Voice Grade 2-Wire Entrance Facility	Current Rates in Lines 5 - 28 Multiplied by 1 minus Line 1 (The Pool Adjustment Factor From NECA)	\$58.83	\$143.49	\$18.29	\$15.65	\$10.07	\$36.07	\$24.41	\$19.72
33	Voice Grade 4-Wire Entrance Facility		\$94.14	\$229.62	\$29.27	\$25.05	\$16.12	\$57.73	\$39.07	\$31.56
34	DS-1 Entrance Facility		\$286.80	\$699.55	\$89.18	\$76.33	\$49.12	\$175.88	\$119.02	\$96.16
35	DS-3 Entrance Facility		\$2,618.69	\$6,387.35	\$814.28	\$696.92	\$448.48	\$1,605.90	\$1,086.74	\$878.01
36	Voice Grade 2-Wire Direct Trunk Facility Per (Per MOU Per Mile)		\$4.19	\$10.21	\$1.30	\$1.12	\$0.72	\$2.57	\$1.74	\$1.41
37	Voice Grade 4-Wire Direct Trunk Facility Per (Per MOU Per Mile)		\$4.19	\$10.21	\$1.30	\$1.12	\$0.72	\$2.57	\$1.74	\$1.41
38	DS-1 Direct Trunk Facility Per (Per MOU Per Mile)		\$19.65	\$47.93	\$6.11	\$5.23	\$3.37	\$12.05	\$8.15	\$6.59
39	DS-3 Direct Trunk Facility Per (Per MOU Per Mile)		\$171.16	\$417.50	\$53.22	\$45.56	\$29.31	\$104.97	\$71.03	\$57.39
40	Voice Grade 2-Wire Direct Trunk Termination		\$42.12	\$102.72	\$13.10	\$11.21	\$7.21	\$25.83	\$17.48	\$14.12
41	Voice Grade 4-Wire Direct Trunk Termination		\$42.12	\$102.72	\$13.10	\$11.21	\$7.21	\$25.83	\$17.48	\$14.12
42	DS-1 Direct Trunk Termination		\$101.95	\$248.66	\$31.70	\$27.13	\$17.46	\$62.52	\$42.31	\$34.18
43	DS-3 Direct Trunk Termination		\$654.66	\$1,596.80	\$203.56	\$174.22	\$112.12	\$401.46	\$271.68	\$219.50
44	Multiplexing DS3-DS1		\$597.30	\$1,456.90	\$185.73	\$158.96	\$102.29	\$366.29	\$247.88	\$200.27
45	Multiplexing DS1-Voice		\$230.61	\$562.50	\$71.71	\$61.37	\$39.49	\$141.42	\$95.70	\$77.32
46	Tandem Switched Facility (Per MOU per Mile)		\$0.000415	\$0.000758	\$0.000045	\$0.000067	\$0.000023	\$0.000154	\$0.000080	\$0.000065
47	Tandem Switched Termination		\$0.002155	\$0.003933	\$0.000235	\$0.000349	\$0.000121	\$0.000804	\$0.000419	\$0.000339
48	Tandem Switching	\$0.005436	\$0.009922	\$0.000592	\$0.000880	\$0.000304	\$0.002027	\$0.001057	\$0.000854	
49	Network Blocking Per Blocked Call (FGD Only)	\$0.015824	\$0.028884	\$0.003682	\$0.005466	\$0.001892	\$0.012596	\$0.006567	\$0.005305	
50	800 Data Base Access Service Queries, Per Query - Basic	\$0.0055	\$0.0100	\$0.0013	\$0.0019	\$0.0007	\$0.0044	\$0.0023	\$0.0018	
51	800 Data Base Access Service Queries, Per Query - Vertical Feature	\$0.0060	\$0.0110	\$0.0014	\$0.0021	\$0.0007	\$0.0048	\$0.0025	\$0.0020	
52	Common Channel Signaling - Mileage Facility, per mile	\$5.64	\$13.78	\$1.76	\$1.50	\$0.97	\$3.46	\$2.34	\$1.89	
53	Common Channel Signaling - Termination, per Termination	\$56.69	\$138.27	\$17.63	\$15.09	\$9.71	\$34.76	\$23.52	\$19.01	
54	Common Channel Signaling - Signaling Entrance Facility, per facility	\$108.55	\$264.84	\$33.76	\$28.89	\$18.59	\$66.57	\$45.05	\$36.39	
55	Common Channel Signaling - STP Port, per port	\$559.50	\$1,364.69	\$173.98	\$148.90	\$95.82	\$343.11	\$232.19	\$187.59	

		Current NECA SPA B	29	29	29	29	29	29	29	29
		Projected JSI Group	G	G	G	G	G	G	G	G
		SAC	260412	260417	300585	300607	300613	300645	310677	320744
			Lewisport Telephone Company	Salem Telephone Company	Arcadia Telephone Company	Continental Telephone Company	Little Miami Communications Corporation	Oakwood Telephone Company	Island Telephone Company	Camden Telephone Company, Inc
1	Pool Adjustment Factor from NECA	Rule 51.909 (a) (5) (i)	35.52%	29.94%	-41.88%	74.77%	52.77%	43.95%	30.12%	32.02%
July 1, 2017 Recurring Switched Access Service Rates										
29	End Office									
	Local Switching Originating Premium Rate	Line 2 * (1 - Line 1)	\$0.024905	\$0.020295	\$0.068503	\$0.003654	\$0.006841	\$0.016237	\$0.020244	\$0.029537
30	Local Switching Terminating Premium Rate	Line 60	\$0.003567	\$0.003567	\$0.003567	\$0.003567	\$0.003567	\$0.003567	\$0.003567	\$0.003567
31	Information Surcharge Originating (Per 100 MOU)	Line 4 * (1 - Line 1)	\$0.0342	\$0.0372	\$0.0753	\$0.0134	\$0.0251	\$0.0298	\$0.0371	\$0.0361
Local Transport										
32	Voice Grade 2-Wire Entrance Facility		\$30.47	\$33.10	\$67.04	\$15.48	\$28.97	\$45.94	\$33.02	\$32.12
33	Voice Grade 4-Wire Entrance Facility		\$48.76	\$52.98	\$107.29	\$24.76	\$46.36	\$73.52	\$52.84	\$51.40
34	DS-1 Entrance Facility		\$148.55	\$161.41	\$326.88	\$75.45	\$141.25	\$223.99	\$161.00	\$156.61
35	DS-3 Entrance Facility		\$1,356.43	\$1,473.79	\$2,984.71	\$688.92	\$1,289.75	\$2,045.15	\$1,470.06	\$1,429.98
36	Voice Grade 2-Wire Direct Trunk Facility Per (Per MOU Per Mile)		\$2.17	\$2.36	\$4.78	\$1.10	\$2.06	\$3.27	\$2.35	\$2.29
37	Voice Grade 4-Wire Direct Trunk Facility Per (Per MOU Per Mile)		\$2.17	\$2.36	\$4.78	\$1.10	\$2.06	\$3.27	\$2.35	\$2.29
38	DS-1 Direct Trunk Facility Per (Per MOU Per Mile)		\$10.17	\$11.06	\$22.39	\$5.17	\$9.68	\$15.35	\$11.03	\$10.73
39	DS-3 Direct Trunk Facility Per (Per MOU Per Mile)		\$88.67	\$96.34	\$195.10	\$45.03	\$84.30	\$133.68	\$96.09	\$93.47
40	Voice Grade 2-Wire Direct Trunk Termination		\$21.81	\$23.70	\$48.00	\$11.08	\$20.74	\$32.89	\$23.64	\$23.00
41	Voice Grade 4-Wire Direct Trunk Termination		\$21.81	\$23.70	\$48.00	\$11.08	\$20.74	\$32.89	\$23.64	\$23.00
42	DS-1 Direct Trunk Termination		\$52.81	\$57.38	\$116.20	\$26.82	\$50.21	\$79.62	\$57.23	\$55.67
43	DS-3 Direct Trunk Termination		\$339.10	\$368.44	\$746.16	\$172.23	\$322.43	\$511.27	\$367.51	\$357.48
44	Multiplexing DS3-DS1		\$309.39	\$336.16	\$680.79	\$157.14	\$294.18	\$466.48	\$335.31	\$326.17
45	Multiplexing DS1-Voice		\$119.45	\$129.78	\$262.84	\$60.67	\$113.58	\$180.10	\$129.45	\$125.93
46	Tandem Switched Facility (Per MOU per Mile)		\$0.000279	\$0.000303	\$0.000614	\$0.000051	\$0.000095	\$0.000113	\$0.000303	\$0.000294
47	Tandem Switched Termination		\$0.001449	\$0.001574	\$0.003188	\$0.000266	\$0.000497	\$0.000590	\$0.001570	\$0.001527
48	Tandem Switching		\$0.003655	\$0.003971	\$0.008042	\$0.000670	\$0.001254	\$0.001488	\$0.003961	\$0.003853
49	Network Blocking Per Blocked Call (FGD Only)		\$0.010639	\$0.011560	\$0.023411	\$0.004163	\$0.007793	\$0.009248	\$0.011530	\$0.011216
50	800 Data Base Access Service Queries, Per Query - Basic		\$0.0037	\$0.0040	\$0.0081	\$0.0014	\$0.0027	\$0.0032	\$0.0040	\$0.0039
51	800 Data Base Access Service Queries, Per Query - Vertical Feature		\$0.0041	\$0.0044	\$0.0089	\$0.0016	\$0.0030	\$0.0035	\$0.0044	\$0.0043
52	Common Channel Signaling - Mileage Facility, per mile		\$2.92	\$3.17	\$6.43	\$1.48	\$2.78	\$4.41	\$3.17	\$3.08
53	Common Channel Signaling - Termination, per Termination		\$29.36	\$31.90	\$64.61	\$14.91	\$27.92	\$44.27	\$31.82	\$30.96
54	Common Channel Signaling - Signaling Entrance Facility, per facility		\$56.23	\$61.10	\$123.74	\$28.56	\$53.46	\$84.80	\$60.94	\$59.28
55	Common Channel Signaling - STP Port, per port		\$289.81	\$314.88	\$637.70	\$147.19	\$275.56	\$436.96	\$314.09	\$305.52

**Current Rates in Lines 5 - 28 Multiplied by
 1 minus Line 1 (The Pool Adjustment
 Factor From NECA)**

Current NECA SPA B 29 29 29 29 29 29
 Projected JSI Group G G G G G G

SAC	330952	330955	361507	522427	522430	542321
	Southeast Telephone Co. of Wisconsin, LLC	THE STATE LONG DISTANCE TEL. CO.	WINSTED TELEPHONE COMPANY	Lewis River Telephone Company, Inc	McDaniel Telephone Company	Happy Valley Telephone Company
Rule 51.909 (a) (5) (i)	54.86%	46.97%	59.41%	74.82%	47.54%	65.59%
	\$0.014483	\$0.014483	\$0.033797	\$0.014483	\$0.019313	\$0.014483
	\$0.005000	\$0.005000	\$0.005000	\$0.005000	\$0.005000	\$0.005000
	\$0.0531	\$0.0531	\$0.0531	\$0.0531	\$0.0531	\$0.0531
	\$47.25	\$47.25	\$42.15	\$47.25	\$61.34	\$47.25
	\$75.62	\$75.62	\$67.43	\$75.62	\$98.16	\$75.62
	\$230.39	\$230.39	\$205.47	\$230.39	\$299.06	\$230.39
	\$2,103.66	\$2,103.66	\$1,876.11	\$2,103.66	\$2,730.65	\$2,103.66
	\$3.37	\$3.37	\$3.00	\$3.37	\$4.37	\$3.37
	\$3.37	\$3.37	\$3.00	\$3.37	\$4.37	\$3.37
	\$15.78	\$15.78	\$14.07	\$15.78	\$20.49	\$15.78
	\$137.51	\$137.51	\$122.63	\$137.51	\$178.48	\$137.51
	\$33.83	\$33.83	\$30.18	\$33.83	\$43.92	\$33.83
	\$33.83	\$33.83	\$30.18	\$33.83	\$43.92	\$33.83
	\$81.90	\$81.90	\$73.04	\$81.90	\$106.31	\$81.90
	\$525.90	\$525.90	\$469.01	\$525.90	\$682.65	\$525.90
	\$479.83	\$479.83	\$427.94	\$479.83	\$622.84	\$479.83
	\$185.25	\$185.25	\$165.21	\$185.25	\$240.47	\$185.25
	\$0.000202	\$0.000433	\$0.000433	\$0.000202	\$0.000433	\$0.000202
	\$0.001053	\$0.002247	\$0.002247	\$0.001053	\$0.002247	\$0.001053
	\$0.002655	\$0.005668	\$0.005668	\$0.002655	\$0.005668	\$0.002655
	\$0.016500	\$0.016500	\$0.016500	\$0.016500	\$0.016500	\$0.016500
	\$0.0057	\$0.0057	\$0.0057	\$0.0057	\$0.0057	\$0.0057
	\$0.0063	\$0.0063	\$0.0063	\$0.0063	\$0.0063	\$0.0063
	\$4.53	\$4.53	\$4.05	\$4.53	\$5.88	\$4.53
	\$45.54	\$45.54	\$40.62	\$45.54	\$59.11	\$45.54
	\$87.21	\$87.21	\$77.79	\$87.21	\$113.19	\$87.21
	\$449.46	\$449.46	\$400.84	\$449.46	\$583.42	\$449.46

Rule 51.909 (a) (5) (i)

Current Switched Interstate Access Rates Per Rate Element

- 1 Pool Adjustment Factor from NECA
- 2 **End Office** Local Switching Originating Premium Rate
- 3 Local Switching Terminating Premium Rate
- 4 Information Surcharge Originating (Per 100 MOU)
- Local Transport**
- 5 Voice Grade 2-Wire Entrance Facility
- 6 Voice Grade 4-Wire Entrance Facility
- 7 DS-1 Entrance Facility
- 8 DS-3 Entrance Facility
- 9 Voice Grade 2-Wire Direct Trunk Facility Per (Per MOU Per Mile)
- 10 Voice Grade 4-Wire Direct Trunk Facility Per (Per MOU Per Mile)
- 11 DS-1 Direct Trunk Facility Per (Per MOU Per Mile)
- 12 DS-3 Direct Trunk Facility Per (Per MOU Per Mile)
- 13 Voice Grade 2-Wire Direct Trunk Termination
- 14 Voice Grade 4-Wire Direct Trunk Termination
- 15 DS-1 Direct Trunk Termination
- 16 DS-3 Direct Trunk Termination
- 17 Multiplexing DS3-DS1
- 18 Multiplexing DS1-Voice
- 19 Tandem Switched Facility (Per MOU per Mile)
- 20 Tandem Switched Termination
- 21 Tandem Switching
- 22 Network Blocking Per Blocked Call (FGD Only)
- 23 800 Data Base Access Service Queries, Per Query - Basic
- 24 800 Data Base Access Service Queries, Per Query - Vertical Feature
- 25 Common Channel Signaling - Mileage Facility, per mile
- 26 Common Channel Signaling - Termination, per Termination
- 27 Common Channel Signaling - Signaling Entrance Facility, per facility
- 28 Common Channel Signaling - STP Port, per port

TDS TELECOM - Group G
 July 1, 2017 Interstate Access Filing
 Interstate Switched Access Rates
 Attachment #4-TDSG
 JSI Transmittal No. 209

	Current NECA SPA B	29	29	29	29	29	29
	Projected JSI Group	G	G	G	G	G	G
SAC		330952	330955	361507	522427	522430	542321
		Southeast Telephone Co. of Wisconsin, LLC	THE STATE LONG DISTANCE TEL. CO.	WINSTED TELEPHONE COMPANY	Lewis River Telephone Company, Inc	McDaniel Telephone Company	Happy Valley Telephone Company
1	Pool Adjustment Factor from NECA	54.86%	46.97%	59.41%	74.82%	47.54%	65.59%
	Terminating Local Switching Step Down Calculation						
56	EOLS Effective Rate July 1st 2016 - FCC Order	\$0.005000	\$0.005000	\$0.005000	\$0.005000	\$0.005000	\$0.005000
57	July 2019 Target Rate	\$0.000700	\$0.000700	\$0.000700	\$0.000700	\$0.000700	\$0.000700
58	Rate Difference	-\$0.004300	-\$0.004300	-\$0.004300	-\$0.004300	-\$0.004300	-\$0.004300
59	1/3 the difference of Line 58	-\$0.001433	-\$0.001433	-\$0.001433	-\$0.001433	-\$0.001433	-\$0.001433
60	July 2017 End Office Terminating Rate	\$0.003567	\$0.003567	\$0.003567	\$0.003567	\$0.003567	\$0.003567
61	July 2018 End Office Terminating Rate	\$0.002133	\$0.002133	\$0.002133	\$0.002133	\$0.002133	\$0.002133
62	July 2019 End Office Terminating Rate	\$0.000700	\$0.000700	\$0.000700	\$0.000700	\$0.000700	\$0.000700
63	July 2020 End Office Terminating Rate	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
	Calculation of Depooling Adjustment Factor						
64	Projected 2011-12 Interstate Billied Access Revenues (Includes Transport)	Source: NECA \$133,681	\$343,749	\$78,765	\$307,986	\$269,736	\$118,252
65	Projected 2011-12 Settlement witout LSS	Source: NECA \$60,337	\$182,305	\$31,972	\$77,548	\$141,504	\$40,695
66	Net Pool Contributions	Ln 64 - Ln 65 \$73,344	\$161,444	\$46,793	\$230,438	\$128,232	\$77,557
67	Net Contribution (Receiver) Percentage	Ln 66 / Ln 65 54.86%	46.97%	59.41%	74.82%	47.54%	65.59%