

	Total Company (A)	Part 64 Adjustments (B)	Other Adjustments (C)	Subject to Separations (D)	Total Interstate (E)	Billing & Collection (F)
Revenues						
100 Network Access	n/a	n/a	n/a	n/a	n/a	n/a
110 Uncollectibles	n/a	n/a	n/a	n/a	n/a	n/a
120 Common Line Support	n/a	n/a	n/a	n/a	n/a	n/a
130 Long Term	n/a	n/a	n/a	n/a	n/a	n/a
140 Transitional	n/a	n/a	n/a	n/a	n/a	n/a
150 Miscellaneous	n/a	n/a	n/a	n/a	n/a	n/a
160 Net Revenues	----	----	----	----	----	----
Expenses						
170 Plant Specific	n/a	n/a	n/a	n/a	881,759	0
171 Network Support	0	0	0	0	0	0
172 General Support	346,718	0	0	346,718	161,961	0
173 Central Office	728,614	0	0	728,614	428,674	0
174 Operator Systems	0	0	0	0	0	0
175 COE Switching	104,706	0	0	104,706	61,603	0
176 COE Transmission	623,908	0	0	623,908	367,071	0
177 IOT	0	0	0	0	0	0
178 Cable & Wire Facilities	729,891	0	0	729,891	291,124	0
180 Plant Non-Sp. Less Dep/Amor	n/a	n/a	n/a	n/a	1,093,701	0
190 Depreciation / Amortization	3,949,239	0	0	3,949,239	1,889,753	0
200 Customer Operations	n/a	n/a	n/a	n/a	288,331	167,403
201 Marketing	257,462	0	0	257,462	38,289	0
202 Local Business Office	315,429	0	0	315,429	54,457	30,758
203 Revenue Accounting	322,688	0	0	322,688	129,215	81,097
204 Other Billing & Collection	112,740	0	0	112,740	33,624	33,624
210 Access	n/a	n/a	n/a	n/a	345,973	n/a
220 Corporate Operations	n/a	n/a	n/a	n/a	737,794	54,558
230 AFUDC	n/a	n/a	n/a	n/a	n/a	n/a
240 Other Exp. & Adjustments	n/a	n/a	n/a	n/a	7,446	0
250 Taxes Other than FIT	n/a	n/a	n/a	n/a	49,725	0
260 Total Exp and Other Taxes	n/a	n/a	n/a	n/a	4,948,509	221,961
FIT Adjustments						
270 Adjustment for FIT	75,925	0	0	75,925	35,251	0
280 Amortized ITC	0	0	0	0	0	0
290 Federal Income Taxes	n/a	n/a	n/a	n/a	0	n/a
300 Total Expenses & Taxes	n/a	n/a	n/a	n/a	4,913,258	n/a
Telephone Plant in Service						
310 General Support	5,868,688	0	0	5,868,688	2,741,419	0
320 Central Office Equip-Switch	3,743,197	0	0	3,743,197	3,185,884	0
321 Operator Systems	0	0	0	0	0	0
322 Tandem Switching	0	0	0	0	0	0
323 Local Switching Cat. 3	3,743,197	0	0	3,743,197	3,185,884	0
324 Equal Access	0	0	0	0	0	0
330 Central Office Equip-Trans	13,429,876	0	0	13,429,876	8,343,470	0
331 Subscriber Lines	8,403,479	0	0	8,403,479	2,086,993	0
332 Exchange Circuit	182,507	0	0	182,507	2,603,701	0
333 Interexchange Circuit	4,187,347	0	0	4,187,347	3,489,618	0
334 Host Remote	656,543	0	0	656,543	163,158	0
340 Cable & Wire	34,795,624	0	0	34,795,624	9,149,646	0
341 Subscriber Lines	32,054,933	0	0	32,054,933	6,786,377	0
342 Exchange	593,261	0	0	593,261	586,442	0
343 Interexchange	1,942,745	0	0	1,942,745	1,725,961	0
344 Host Remote	204,685	0	0	204,685	50,866	0
350 Info Orig/Term Equipment	0	0	0	0	0	0
360 Amortizable Assets	342	0	0	342	160	0
370 Total Plant In Service	57,837,727	0	0	57,837,727	23,420,579	0
Adjustments to TPIS						
380 Depr / Amor Reserve	33,622,664	0	0	33,622,664	15,805,324	0
390 Accum Deferred Income Tax	(1,582,559)	0	0	(1,582,559)	(758,276)	0
400 Other Rate Base Adjust.	n/a	n/a	n/a	n/a	305,022	0
Return Data						
410 Average Rate Base	n/a	n/a	n/a	n/a	8,678,553	n/a
420 Return	n/a	n/a	n/a	n/a	n/a	n/a
430 Rate of Return	n/a	n/a	n/a	n/a	n/a	n/a

	Interstate Inter- exchange (G)	ROR Regulated I/S Access (H)	Pay Phone (I)	Inside Wire (J)	BFP (K)	Total Common Line (L)	Total Switched Traffic Sensitive (M)	Special Access (N)
Revenues								
100 Network Access	n/a	0	0	0	0	0	0	0
110 Uncollectibles	n/a	0	0	0	0	0	0	0
120 Common Line Support	n/a	0	0	0	0	0	n/a	n/a
130 Long Term	n/a	0	0	0	0	0	n/a	n/a
140 Transitional	n/a	0	0	0	0	0	n/a	n/a
150 Miscellaneous	n/a	0	0	0	0	0	0	0
160 Net Revenues	n/a	0	0	0	0	0	0	0
Expenses								
170 Plant Specific	0	881,759	0	0	289,276	289,276	110,497	326,636
171 Network Support	0	0	0	0	0	0	0	0
172 General Support	0	161,961	0	0	56,279	56,279	24,268	47,976
173 Central Office	0	428,674	0	0	91,357	91,357	83,769	230,856
174 Operator Systems	0	0	0	0	0	0	0	0
175 COE Switching	0	61,603	0	0	0	0	61,603	0
176 COE Transmission	0	367,071	0	0	91,357	91,357	22,166	230,856
177 IOT	0	0	0	0	0	0	0	0
178 Cable & Wire Facilities	0	291,124	0	0	141,640	141,640	2,460	47,804
180 Plant Non-Sp. Less Dep/Amor	0	1,093,701	0	0	605,796	605,796	112,036	221,489
190 Depreciation / Amortization	0	1,889,753	0	0	615,789	615,789	211,303	741,497
200 Customer Operations	0	120,928	0	0	47,403	47,403	16,883	33,378
201 Marketing	0	38,289	0	0	13,305	13,305	5,737	11,342
202 Local Business Office	0	23,699	0	0	23,699	23,699	0	0
203 Revenue Accounting	0	48,118	0	0	5,934	5,934	9,687	19,150
204 Other Billing & Collection	0	0	0	0	0	0	0	0
210 Access	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
220 Corporate Operations	0	683,236	0	0	307,163	307,163	78,028	189,518
230 AFUDC	n/a	0	0	0	0	0	0	0
240 Other Exp. & Adjustments	0	7,446	0	0	2,587	2,587	1,116	2,206
250 Taxes Other than FIT	0	49,725	0	0	21,774	21,774	9,389	18,562
260 Total Exp and Other Taxes	0	4,726,548	0	0	1,889,788	1,889,788	539,252	1,533,286
FIT Adjustments								
270 Adjustment for FIT	0	35,251	0	0	12,249	12,249	5,282	10,442
280 Amortized ITC	0	0	0	0	0	0	0	0
290 Federal Income Taxes	n/a	0	0	0	0	0	0	0
300 Total Expenses & Taxes	n/a	4,691,297	0	0	1,877,539	1,877,539	533,970	1,522,844
Telephone Plant in Service								
310 General Support	0	2,741,419	0	0	952,598	952,598	410,762	812,053
320 Central Office Equip-Switch	0	3,185,884	0	0	0	0	3,185,884	0
321 Operator Systems	0	0	0	0	0	0	0	0
322 Tandem Switching	0	0	0	0	0	0	0	0
323 Local Switching Cat. 3	0	3,185,884	0	0	0	0	3,185,884	0
324 Equal Access	0	0	0	0	0	0	0	0
330 Central Office Equip-Trans	0	8,343,470	0	0	2,076,520	2,076,520	503,836	5,247,328
331 Subscriber Lines	0	2,086,993	0	0	2,076,520	2,076,520	0	10,473
332 Exchange Circuit	0	2,603,701	0	0	0	0	0	2,091,238
333 Interexchange Circuit	0	3,489,618	0	0	0	0	340,678	3,145,617
334 Host Remote	0	163,158	0	0	0	0	163,158	0
340 Cable & Wire	0	9,149,646	0	0	6,752,321	6,752,321	117,290	2,278,914
341 Subscriber Lines	0	6,786,377	0	0	6,752,321	6,752,321	0	34,055
342 Exchange	0	586,442	0	0	0	0	0	586,442
343 Interexchange	0	1,725,961	0	0	0	0	66,424	1,658,417
344 Host Remote	0	50,866	0	0	0	0	50,866	0
350 Info Orig/Term Equipment	0	0	0	0	0	0	0	0
360 Amortizable Assets	0	160	0	0	56	56	24	47
370 Total Plant In Service	0	23,420,579	0	0	9,781,495	9,781,495	4,217,796	8,338,342
Adjustments to TPIS								
380 Depr / Amor Reserve	0	15,805,324	0	0	5,412,023	5,412,023	2,465,133	4,738,255
390 Accum Deferred Income Tax	0	(758,276)	0	0	(248,828)	(248,828)	(149,189)	(212,492)
400 Other Rate Base Adjust.	0	305,022	0	0	105,990	105,990	45,703	90,352
Return Data								
410 Average Rate Base	n/a	8,678,553	0	0	4,724,290	4,724,290	1,947,555	3,902,931
420 Return	n/a	(4,726,548)	0	0	(1,889,788)	(1,889,788)	(539,252)	(1,533,286)
430 Rate of Return	11.00%	-54.46%	0.00%	0.00%	-40.00%	-40.00%	-27.69%	-39.29%

COS-2
Filing Date: 6/16/2016
Filing Entity: Ace Telephone Association - Minnesota
Transmittal Number: 2
COSA: 361346

Rate-of-Return TRP
7/16- 6/17
Versus 2015 Actual

	Common Line (A)	Traffic Sensitive Switched (B)	Traffic Sensitive Special (C)	Other Interstate (D)	Total Interstate (E)	Total Co. Subject to Separations (F)
Forecast, 7/16- 6/17						
Revenue Requirement						
100 Depreciation/Amortization	0	0	0	0	0	0
105 Expense Less Dep & Amor	0	0	0	0	0	n/a
110 Taxes Less FIT	0	0	0	0	n/a	n/a
115 Return	0	0	0	n/a	n/a	n/a
120 FIT	0	0	0	n/a	n/a	n/a
125 Uncol., IDC & Other Adj.	0	0	0	n/a	n/a	n/a
130 Revenue Requirement	0	0	0	n/a	n/a	n/a
135 Access Service Revenue	0	0	0	n/a	n/a	n/a
	----	----	----	----	----	----
Rate Base						
140 Telephone Plant in Service	0	0	0	0	0	0
145 Rate Base Adjustments	0	0	0	0	0	n/a
150 Depreciation Reserves	0	0	0	0	0	0
155 Accum Deferred Income Tax	0	0	0	0	0	0
160 Average Rate Base	0	0	0	0	0	n/a
Actual, 1/15- 12/15						
Revenue Requirement						
200 Depreciation/Amortization	615,789	211,303	741,497	0	1,889,753	3,949,239
205 Expense Less Dep & Amor	1,252,225	318,560	773,227	221,961	3,009,031	n/a
210 Taxes Less FIT	21,774	9,389	18,562	0	n/a	n/a
215 Return	(1,889,788)	(539,252)	(1,533,286)	n/a	n/a	n/a
220 FIT	0	0	0	n/a	n/a	n/a
225 Uncol., IDC & Other Adj.	0	0	0	n/a	n/a	n/a
230 Revenue Requirement	0	0	0	n/a	n/a	n/a
235 Access Service Revenue	0	0	0	n/a	n/a	n/a
	----	----	----	----	----	----
Rate Base						
240 Telephone Plant in Service	9,781,495	4,217,796	8,338,342	0	23,420,579	57,837,727
245 Rate Base Adjustments	105,990	45,703	90,352	0	305,022	n/a
250 Depreciation Reserves	5,412,023	2,465,133	4,738,255	0	15,805,324	33,622,664
255 Accum Deferred Income Tax	(248,828)	(149,189)	(212,492)	0	(758,276)	(1,582,559)
260 Average Rate Base	4,724,290	1,947,555	3,902,931	0	10,574,776	n/a

COS-2
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Rate-of-Return TRP
7/16- 6/17
Versus 2015 Actual

	Common Line (A)	Traffic Sensitive Switched (B)	Traffic Sensitive Special (C)	Other Interstate (D)	Total Interstate (E)	Total Co. Subject to Separations (F)
Forecast, 7/15 - 6/16						
Revenue Requirement						
100 Depreciation/Amortization	0	0	0	0	0	0
105 Expense Less Dep & Amor	0	0	0	0	0	n/a
110 Taxes Less FIT	0	0	0	0	n/a	n/a
115 Return	0	0	0	0	n/a	n/a
120 FIT	0	0	0	0	n/a	n/a
125 Uncol., IDC & Other Adj.	0	0	0	0	n/a	n/a
130 Revenue Requirement	0	0	0	0	n/a	n/a
135 Access Service Revenue	0	0	0	0	n/a	n/a
	----	----	----	----	----	----
Rate Base						
140 Telephone Plant in Service	0	0	0	0	0	0
145 Rate Base Adjustments	0	0	0	0	0	n/a
150 Depreciation Reserves	0	0	0	0	0	0
155 Accum Deferred Income Tax	0	0	0	0	0	0
160 Average Rate Base	0	0	0	0	0	n/a
Actual, 1/14 - 12/14						
Revenue Requirement						
200 Depreciation/Amortization	0	0	0	0	0	0
205 Expense Less Dep & Amor	0	0	0	0	0	n/a
210 Taxes Less FIT	0	0	0	0	0	n/a
215 Return	0	0	0	0	0	n/a
220 FIT	0	0	0	0	0	n/a
225 Uncol., IDC & Other Adj.	0	0	0	0	0	n/a
230 Revenue Requirement	0	0	0	0	0	n/a
235 Access Service Revenue	0	0	0	0	n/a	n/a
	----	----	----	----	----	----
Rate Base						
240 Telephone Plant in Service	0	0	0	0	0	0
245 Rate Base Adjustments	0	0	0	0	0	n/a
250 Depreciation Reserves	0	0	0	0	0	0
255 Accum Deferred Income Tax	0	0	0	0	0	0
260 Average Rate Base	0	0	0	0	0	n/a

COS-2
Filing Date: 6/16/2016
Filing Entity: Ace Telephone Association - Minnesota
Transmittal Number: 2
COSA: 361346

Rate-of-Return TRP
7/16- 6/17
Versus 2015 Actual

	Common Line (A)	Traffic Sensitive Switched (B)	Traffic Sensitive Special (C)	Other Interstate (D)	Total Interstate (E)	Total Co. Subject to Separations (F)
Forecast, 7/14 - 6/15						
Revenue Requirement						
100 Depreciation/Amortization	0	0	0	0	0	0
105 Expense Less Dep & Amor	0	0	0	0	0	n/a
110 Taxes Less FIT	0	0	0	0	n/a	n/a
115 Return	0	0	0	0	n/a	n/a
120 FIT	0	0	0	0	n/a	n/a
125 Uncol., IDC & Other Adj.	0	0	0	0	n/a	n/a
130 Revenue Requirement	0	0	0	0	n/a	n/a
135 Access Service Revenue	0	0	0	0	n/a	n/a
	----	----	----	----	----	----
Rate Base						
140 Telephone Plant in Service	0	0	0	0	0	0
145 Rate Base Adjustments	0	0	0	0	0	n/a
150 Depreciation Reserves	0	0	0	0	0	0
155 Accum Deferred Income Tax	0	0	0	0	0	0
160 Average Rate Base	0	0	0	0	0	n/a
	----	----	----	----	----	----
	----	----	----	----	----	----
Actual, 1/13- 12/13						
Revenue Requirement						
200 Depreciation/Amortization	0	0	0	0	0	0
205 Expense Less Dep & Amor	0	0	0	0	0	n/a
210 Taxes Less FIT	0	0	0	0	0	n/a
215 Return	0	0	0	0	0	n/a
220 FIT	0	0	0	0	0	n/a
225 Uncol., IDC & Other Adj.	0	0	0	0	0	n/a
230 Revenue Requirement	0	0	0	0	0	n/a
235 Access Service Revenue	0	0	0	n/a	n/a	n/a
	----	----	----	----	----	----
Rate Base						
240 Telephone Plant in Service	0	0	0	0	0	0
245 Rate Base Adjustments	0	0	0	0	0	n/a
250 Depreciation Reserves	0	0	0	0	0	0
255 Accum Deferred Income Tax	0	0	0	0	0	0
260 Average Rate Base	0	0	0	0	0	n/a

MAG-1

Filing Date: 6/16/2016
Filing Entity: Ace Telephone Association - Minnesota
Transmittal Number : 2
COSA: 361346

Access Element	Interstate Revenue Requirement Prior to Adjustments (A) Note 1	Frozen Line Port Transfer (B) Note 2	Universal Service Fund Contribution (C) Note 3	Interstate Revenue Requirement Subject to TIC Re-allocation (D) Cols. (A)+(B)+(C)	Frozen TIC Re-allocation (E) Note 4	Interstate Revenue Requirement Subject to Rate Making (F) Cols. (D)+(E)
Carrier Common Line	\$2,409,460	\$152,191	\$0	\$2,561,651	\$97,574	\$2,659,225
Special Access	\$1,408,510	\$0	\$0	\$1,408,510	\$63,071	\$1,471,581

Note 1: Source of Revenue Requirements in Column (A)

Carrier Common Line **TRP COS-1(P) Line 100, Column (L)**

Special Access **TRP COS-1(P) Line 100, Column U**

Note 2: Enter an amount equal to the amounts on the most recently filed Form MAG-1.

Note 3: Projected Amount per Account 6540

Note 4: Enter amounts equal to the amounts on the most recently filed Form MAG-1.

RTE-2

Filing Date:

6/16/2016

Filing Entity:

Ace Telephone Association - Minnesota

Transmittal Number:

2

COSA

361346

Rate-of-Return

Revenue Price-outs

Using 2015 Demand

Page 1 of 1

	Revenue at 7/1/2015 Rates (A)	Revenue at Current Rate (B)	Change in Revenue, Cols. B-A (C)	Revenue at 7/1/2016 Rates (D)	Change in Revenue, Cols.(B)-(D) (E)
Switched Access					
100 Multi-line Business	0	0	0	0	0
	----	----	----	----	----
110 Residential & Single Line Bus.	0	0	0	0	0
	----	----	----	----	----
120 Common Line	0	0	0	0	0
	----	----	----	----	----
130 Special Access	1,540,547	1,540,547	0	1,471,581	(68,966)
	----	----	----	----	----

Notes: If company belongs to the NECA common line pool, then revenue = 0.

DMD-2

Filing Date: 6/16/2016

Filing Entity: Ace Telephone Association - Minnesota

Transmittal Number 2

COSA 361346

Page 1 of 1

Rate-of-Return TRP

Special Access

Demand

	1/15-12/15 Channel Terminations (A)	1/15-12/15 Number of Circuits (B)	1/15-12/15 Interoffice Miles (C)	7/16 - 7/17 Channel Terminations (D)	7/16 - 7/17 Number of Circuits (E)	7/16 - 7/17 Interoffice Miles (F)
100 Metallic	0	0	0	0	0	0
110 Telegraph	0	0	0	0	0	0
120 VG less WATS	0	0	0	0	0	0
130 WATS	0	0	0	0	0	0
140 full-time Audio	0	0	0	0	0	0
150 High Capacity	598.0586	598.0586	9972.91	0	0	0