

**Citizens Telecommunications Companies - Group #1**

Summary of Exogenous Costs

Excluding ATS Targeting

5/1/08 Letter Filing

Exhibit 1.1-1

Page 1 of 1

		<u>Quantity</u>	<u>Source / Comments</u>
CMT Basket			
1	Regulatory Fees	(17,470)	Exhibit 1.1-4, Line 15
2	TRS Costs	26,739	Exhibit 1.1-5, Line 15
3	NANPA	(127)	Exhibit 1.1-6, Line 15
4	Total Common Line	9,142	Sum of Lines 1..3
Traffic Sensitive Basket			
5	Regulatory Fees	0	Exhibit 1.1-4, Line 18
6	TRS Costs	0	Exhibit 1.1-5, Line 18
7	NANPA	0	Exhibit 1.1-6, Line 18
8	Total Traffic Sensitive	0	Sum of Lines 5..7
Special Access Basket			
9	Regulatory Fees	0	Exhibit 1.1-4, Line 19
10	TRS Costs	0	Exhibit 1.1-5, Line 19
11	NANPA	0	Exhibit 1.1-6, Line 19
12	Total Special Access	0	Sum of Lines 9..11

**Citizens Telecommunications Companies - Group #1**

Summary of Exogenous Costs Targeted to SBIs

Excluding ATS Targeting

5/1/08 Letter Filing

Exhibit 1.1-2

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	<u>Quantity</u>	<u>Source / Comments</u>
Traffic Sensitive Basket		
Database Access Band Undesignated		
1 Reg Fees	0	Exhibit 1.1-4, Line 16
2 TRS	0	Exhibit 1.1-5, Line 16
3 NANPA	0	Exhibit 1.1-6, Line 16
4 Total Database Access Undesignated	0	Sum of Lines 1..3
Billing Name and Address Band		
5 Reg Fees	0	Exhibit 1.1-4, Line 17
6 TRS	0	Exhibit 1.1-5, Line 17
7 NANPA	0	Exhibit 1.1-6, Line 17
8 Total Billing Name and Address Band	0	Sum of Lines 5..7
9 Total Traffic Sensitive Targeting	0	Line 4 + Line 8
10 Total Traffic Sensitive Exogenous Costs	0	Exhibit 1.1-1, Line 8
11 Non-Targeted TS Exogenous Costs	0	Line 10 - Line 9

**Citizens Telecommunications Companies - Group #1**

Summary of Exogenous Costs Targeted to SBIs

Excluding ATS Targeting

5/1/08 Letter Filing

Exhibit 1.1-2

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	Quantity	Source / Comments
Special Access Basket		
12 Voice Grade Band	0	no targeting below basket level
13 Audio/Video Band	0	no targeting below basket level
14 HiCap & DDS Band	0	no targeting below basket level
15 Total Special Access Targeting	0	Sum of lines 12,13,14
16 Total Special Access Exogenous Costs	0	Exhibit 1.1-1, Line 12
17 Non-Targeted Special Acc. Exog. Costs	0	Line 16 - Line 15

**Citizens Telecommunications Companies - Group #1**  
Summary of Average Traffic Sensitive Rate Targeting to SBIs

5/1/08 Letter Filing  
Exhibit 1.1-3  
Page 1 of 1

	<u>Quantity</u>	<u>Source / Comments</u>
Traffic Sensitive Basket		
1 Local Switching Band	June Filing	June Filing
2 Information	June Filing	June Filing
3 Trunk Ports Band	June Filing	June Filing
4 STP Ports Band	June Filing	June Filing
5 Total Traffic Sensitive Targeting	0	Sum of lines 1..4
Trunking Basket		
6 Tandem Transport Band	June Filing	June Filing
7 Voice Grade Band	June Filing	June Filing
8 DS1 Sub-Band	June Filing	June Filing
9 DS3 Sub-Band	June Filing	June Filing
10 HiCap - Other	June Filing	June Filing
11 Total Trunking Targeting	0	Sum of lines 6..10

**Citizens Telecommunications Companies - Group #1**

Calculation of Exogenous Adjustment

For Federal Regulatory Fees

5/1/08 Letter Filing

Exhibit 1.1-4

Page 1 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
1 Regulatory Fees from Last Filing	224,962	Trans. 174, Exhibit 1.1-4
2 Access Line Change Factor	96.1805%	Exhibit 2.1-3, Line 7
3 Regulatory Fees Embedded in Rates	216,370	Line 1 * Line 2
4 Reg Fee Funding Base--Interstate EU Rev.	75,944,397	Contribution Base from Form 499-A for 2005
5 Non-Price Cap Percentage	1.5407%	records
6 Price Cap Portion of Funding Base	74,774,341	Line 4 * (1 - Line 5)
7 Reg. Fee rate per Revenue Dollar	\$0.00266	R&O & FNPRM, FCC 07-140 released August 6, 2007
8 Regulatory Fees Attributable to Price Caps	198,900	Line 7 * Line 6
9 Regulatory Fees Exogenous Cost Change	(17,470)	Line 8 - Line 3
Price Cap End User Revenues		
10 CMT Basket--Per Line Only	67,429,267	end user demand rated out
11 Database Access	0	end user demand rated out
12 Bill Name & Address	0	end user demand rated out
13 Special Access	0	end user demand rated out
14 Total Price Cap End User Revenues	67,429,267	Sum of Lines 10..13

**Citizens Telecommunications Companies - Group #1**

Calculation of Exogenous Adjustment

For Federal Regulatory Fees

5/1/08 Letter Filing

Exhibit 1.1-4

Page 2 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
Reg Fees Exogenous Change Allocation:		
15 CMT Basket	(17,470)	Line 9 * Line 10 / Line 14
16 Database Access--Undesignated	0	Line 9 * Line 11 / Line 14
17 Billing Name and Address	0	Line 9 * Line 12 / Line 14
18 Total Traffic Sensitive	0	Sum of Lines 16..17
19 Special Access	0	Line 9 * Line 13 / Line 14
20 Total Reg Fees Exogenous	(17,470)	Line 15 + Line 18 + Line 19

**Citizens Telecommunications Companies - Group #1**Calculation of Exogenous Adjustment  
For Telecommunications Relay Service

5/1/08 Letter Filing

Exhibit 1.1-5

Page 1 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
1 TRS Costs from Last Filing	608,921	Trans. 175, Exhibit 1.1-5
2 Access Line Change Factor	96.1805%	Exhibit 2.1-3, Line 7
3 TRS Costs Embedded in Rates	585,663	Line 3 * Line 2
4 2004 TRS Funding Base	75,944,397	Contribution Base from Form 499-A for 2005
5 2004 Non-Price Cap Percentage	1.5407%	records
6 Price Cap Portion of 2004 Funding Base	74,774,341	Line 4 * (1 - Line 5)
7 TRS Contr. per IS End User Billed Revenue	0.00819	Order, DA 08-303, released February 6, 2008
8 TRS Costs for Price Caps	612,402	Line 7 * Line 6
9 TRS Exogenous Cost Change	26,739	Line 8 - Line 3
Price Cap End User Revenues		
10 CMT Basket--Per Line Only	67,429,267	end user demand rated out
11 Database Access	0	end user demand rated out
12 Bill Name & Address	0	end user demand rated out
13 Special Access	0	end user demand rated out
14 Total Price Cap End User Revenues	67,429,267	Sum of Lines 10..13

**Citizens Telecommunications Companies - Group #1**

Calculation of Exogenous Adjustment  
For Telecommunications Relay Service

5/1/08 Letter Filing

Exhibit 1.1-5

Page 2 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
TRS Exogenous Cost Change Allocation:		
15 CMT Basket	26,739	Line 9 * Line 10 / Line 14
16 Database Access--Undesignated	0	Line 9 * Line 11 / Line 14
17 Bill Name & Address	0	Line 9 * Line 12 / Line 14
18 Total Traffic Sensitive	0	Sum of Lines 16..17
19 Special Access	0	Line 9 * Line 13 / Line 14
20 Total Distributed TRS Exogenous	26,739	Line 15 + Line 18 + Line 19

**Citizens Telecommunications Companies - Group #1**Calculation of Exogenous Adjustment  
For NANPA Payments

5/1/08 Letter Filing

Exhibit 1.1-6

Page 1 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
1 NANPA Costs from Last Filing	1,632	Trans. 174, Exhibit 1.1-6
2 Access Line Change Factor	96.1805%	Exhibit 2.1-3, Line 7
3 NANPA Payments Embedded in Rates	1,570	Line 1 * Line 2
4 NANPA Funding Base--Interstate EU Revenue	75,944,397	Contribution Base from Form 499-A for 2005
5 Non-Price Cap Percentage	1.5407%	records
6 Price Cap Portion of Funding Base	74,774,341	Line 4 * (1 - Line 5)
7 NANPA Contribution Factor	0.0000193	Public Notice, DA 07-2078, released May 15, 2007
8 NANPA Costs Attributable to Price Caps	1,443	Line 7 * Line 6
9 NANPA Exogenous Cost Change	(127)	Line 8 - Line 3
Price Cap End User Revenues		
10 CMT Basket--Per Line Only	67,429,267	end user demand rated out
11 Database Access	0	end user demand rated out
12 Bill Name & Address	0	end user demand rated out
13 Special Access	0	end user demand rated out
14 Total Price Cap End User Revenues	67,429,267	Sum of Lines 10..13

**Citizens Telecommunications Companies - Group #1**

Calculation of Exogenous Adjustment  
For NANPA Payments

5/1/08 Letter Filing

Exhibit 1.1-6

Page 2 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
NANPA Exogenous Change Allocation:		
15 CMT Basket	(127)	Line 9 * Line 10 / Line 14
16 Database Access--Undesignated	0	Line 9 * Line 11 / Line 14
17 Billing Name and Address	0	Line 9 * Line 12 / Line 14
18 Total Traffic Sensitive	0	Sum of Lines 16..17
19 Special Access	0	Line 9 * Line 13 / Line 14
20 Total Distributed NANPA Exogenous	(127)	Line 15 + Line 18 + Line 19

**Citizens Telecommunications Companies - Group #2**

Summary of Exogenous Costs

Excluding ATS Targeting

5/1/08 Letter Filing

Exhibit 1.2-1

Page 1 of 1

		<u>Quantity</u>	<u>Source / Comments</u>
CMT Basket			
1	Regulatory Fees	4,695	Exhibit 1.2-4, Line 15
2	TRS Costs	25,863	Exhibit 1.2-5, Line 15
3	NANPA	34	Exhibit 1.2-6, Line 15
4	Total Common Line	30,591	Sum of Lines 1..3
Traffic Sensitive Basket			
5	Regulatory Fees	0	Exhibit 1.2-4, Line 18
6	TRS Costs	0	Exhibit 1.2-5, Line 18
7	NANPA	0	Exhibit 1.2-6, Line 18
8	Total Traffic Sensitive	0	Sum of Lines 5..7
Special Access Basket			
9	Regulatory Fees	0	Exhibit 1.2-4, Line 19
10	TRS Costs	0	Exhibit 1.2-5, Line 19
11	NANPA	0	Exhibit 1.2-6, Line 19
12	Total Special Access	0	Sum of Lines 9..11

**Citizens Telecommunications Companies - Group #2**  
Summary of Exogenous Costs Targeted to SBIs  
Excluding ATS Targeting

5/1/08 Letter Filing  
Exhibit 1.2-2  
Page 1 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
Traffic Sensitive Basket		
Database Access Band Undesignated		
1 Reg Fees	0	Exhibit 1.2-4, Line 16
2 TRS	0	Exhibit 1.2-5, Line 16
3 NANPA	0	Exhibit 1.2-6, Line 16
4 Total Database Access Undesignated	0	Sum of Lines 1..3
Billing Name and Address Band		
5 Reg Fees	0	Exhibit 1.2-4, Line 17
6 TRS	0	Exhibit 1.2-5, Line 17
7 NANPA	0	Exhibit 1.2-6, Line 17
8 Total Billing Name and Address Band	0	Sum of Lines 5..7
9 Total Traffic Sensitive Targeting	0	Line 4 + Line 8
10 Total Traffic Sensitive Exogenous Costs	0	Exhibit 1.2-1, Line 8
11 Non-Targeted TS Exogenous Costs	0	Line 10 - Line 9

**Citizens Telecommunications Companies - Group #2**  
Summary of Exogenous Costs Targeted to SBIs  
Excluding ATS Targeting

5/1/08 Letter Filing  
Exhibit 1.2-2  
Page 2 of 2

	<b>Quantity</b>	<b><u>Source / Comments</u></b>
Special Access Basket		
12 Voice Grade Band	0	no targeting below basket level
13 Audio/Video Band	0	no targeting below basket level
14 HiCap & DDS Band	0	no targeting below basket level
15 Total Special Access Targeting	0	Sum of lines 12,13,14
16 Total Special Access Exogenous Costs	0	Exhibit 1.2-1, Line 12
17 Non-Targeted Special Acc. Exog. Costs	0	Line 16 - Line 15

**Citizens Telecommunications Companies - Group #2**  
Summary of Average Traffic Sensitive Rate Targeting to SBIs

5/1/08 Letter Filing  
Exhibit 1.2-3  
Page 1 of 1

	<u>Quantity</u>	<u>Source / Comments</u>
Traffic Sensitive Basket		
1 Local Switching Band	June Filing	June Filing
2 Information	June Filing	June Filing
3 Trunk Ports Band	June Filing	June Filing
4 STP Ports Band	June Filing	June Filing
5 Total Traffic Sensitive Targeting	0	Sum of lines 1..4
Trunking Basket		
6 Tandem Transport Band	June Filing	June Filing
7 Voice Grade Band	June Filing	June Filing
8 DS1 Sub-Band	June Filing	June Filing
9 DS3 Sub-Band	June Filing	June Filing
10 HiCap - Other	June Filing	June Filing
11 Total Trunking Targeting	0	Sum of lines 6..10

**Citizens Telecommunications Companies - Group #2**Calculation of Exogenous Adjustment  
For Federal Regulatory Fees

5/1/08 Letter Filing

Exhibit 1.2-4

Page 1of 2

	Quantity	Source / Comments
1 Regulatory Fees from Last Filing	31,145	Trans. 174, Exhibit 1.2-4
2 Access Line Change Factor	98.4195%	Exhibit 2.2-3, Line 7
3 Regulatory Fees Embedded in Rates	30,652	Line 1 * Line 2
4 Reg Fee Funding Base--Interstate EU Rev.	13,717,549	Contribution Base from Form 499-A for 2005
5 Non-Price Cap Percentage	3.1290%	records
6 Price Cap Portion of Funding Base	13,288,332	Line 4 * (1 - Line 5)
7 Reg. Fee rate per Revenue Dollar	\$0.00266	R&O & FNPRM, FCC 07-140 released August 6, 2007
8 Regulatory Fees Attributable to Price Caps	35,347	Line 7 * Line 6
9 Regulatory Fees Exogenous Cost Change	4,695	Line 8 - Line 3
Price Cap End User Revenues		
10 CMT Basket--Per Line Only	11,660,660	end user demand rated out
11 Database Access	0	end user demand rated out
12 Bill Name & Address	0	end user demand rated out
13 Special Access	0	end user demand rated out
14 Total Price Cap End User Revenues	11,660,660	Sum of Lines 10..13

**Citizens Telecommunications Companies - Group #2**

Calculation of Exogenous Adjustment  
For Federal Regulatory Fees

5/1/08 Letter Filing

Exhibit 1.2-4

Page 2 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
Reg Fees Exogenous Change Allocation:		
15 CMT Basket	4,695	Line 9 * Line 10 / Line 14
16 Database Access--Undesignated	0	Line 9 * Line 11 / Line 14
17 Billing Name and Address	0	Line 9 * Line 12 / Line 14
18 Total Traffic Sensitive	0	Sum of Lines 16..17
19 Special Access	0	Line 9 * Line 13 / Line 14
20 Total Reg Fees Exogenous	4,695	Line 15 + Line 18 + Line 19

**Citizens Telecommunications Companies - Group #2**Calculation of Exogenous Adjustment  
For Telecommunications Relay Service

5/1/08 Letter Filing

Exhibit 1.2-5

Page 1 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
1 TRS Costs from Last Filing	84,301	Trans. 175, Exhibit 1.2-5
2 Access Line Change Factor	98.4195%	Exhibit 2.2-3, Line 7
3 TRS Costs Embedded in Rates	82,969	Line 3 * Line 2
4 2004 TRS Funding Base	13,717,549	Contribution Base from Form 499-A for 2005
5 2004 Non-Price Cap Percentage	3.1290%	records
6 Price Cap Portion of 2004 Funding Base	13,288,332	Line 4 * (1 - Line 5)
7 TRS Contr. per IS End User Billed Revenue	0.00819	Order, DA 08-303, released February 6, 2008
8 TRS Costs for Price Caps	108,831	Line 7 * Line 6
9 TRS Exogenous Cost Change	25,863	Line 8 - Line 3
Price Cap End User Revenues		
10 CMT Basket--Per Line Only	11,660,660	end user demand rated out
11 Database Access	0	end user demand rated out
12 Bill Name & Address	0	end user demand rated out
13 Special Access	0	end user demand rated out
14 Total Price Cap End User Revenues	11,660,660	Sum of Lines 10..13

**Citizens Telecommunications Companies - Group #2**

Calculation of Exogenous Adjustment  
For Telecommunications Relay Service

5/1/08 Letter Filing

Exhibit 1.2-5

Page 2 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
TRS Exogenous Cost Change Allocation:		
15 CMT Basket	25,863	Line 9 * Line 10 / Line 14
16 Database Access--Undesignated	0	Line 9 * Line 11 / Line 14
17 Bill Name & Address	0	Line 9 * Line 12 / Line 14
18 Total Traffic Sensitive	0	Sum of Lines 16..17
19 Special Access	0	Line 9 * Line 13 / Line 14
20 Total Distributed TRS Exogenous	25,863	Line 15 + Line 18 + Line 19

**Citizens Telecommunications Companies - Group #2**Calculation of Exogenous Adjustment  
For NANPA Payments

5/1/08 Letter Filing

Exhibit 1.2-6

Page 1 of 2

	Quantity	Source / Comments
1 NANPA Costs from Last Filing	226	Trans. 174, Exhibit 1.2-6
2 Access Line Change Factor	98.4195%	Exhibit 2.2-3, Line 7
3 NANPA Payments Embedded in Rates	222	Line 3 * Line 2
4 NANPA Funding Base--Interstate EU Revenue	13,717,549	Contribution Base from Form 499-A for 2005 records
5 Non-Price Cap Percentage	3.1290%	
6 Price Cap Portion of Funding Base	13,288,332	Line 4 * (1 - Line 5)
7 NANPA Contribution Factor	0.0000193	Public Notice, DA 07-2078, released May 15, 2007
8 NANPA Costs Attributable to Price Caps	256	Line 7 * Line 6
9 NANPA Exogenous Cost Change	34	Line 8 - Line 3
Price Cap End User Revenues		
10 CMT Basket--Per Line Only	11,660,660	end user demand rated out
11 Database Access	0	end user demand rated out
12 Bill Name & Address	0	end user demand rated out
13 Special Access	0	end user demand rated out
14 Total Price Cap End User Revenues	11,660,660	Sum of Lines 10..13

**Citizens Telecommunications Companies - Group #2**

Calculation of Exogenous Adjustment  
For NANPA Payments

5/1/08 Letter Filing

Exhibit 1.2-6

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	<u>Quantity</u>	<u>Source / Comments</u>
NANPA Exogenous Change Allocation:		
15 CMT Basket	34	Line 9 * Line 10 / Line 14
16 Database Access--Undesignated	0	Line 9 * Line 11 / Line 14
17 Billing Name and Address	0	Line 9 * Line 12 / Line 14
18 Total Traffic Sensitive	0	Sum of Lines 16..17
19 Special Access	0	Line 9 * Line 13 / Line 14
20 Total Distributed NANPA Exogenous	34	Line 15 + Line 18 + Line 19

**Citizens Telecommunications Companies - Group #3**

Summary of Exogenous Costs

Excluding ATS Targeting

5/1/08 Letter Filing

Exhibit 1.3-1

Page 1 of 1

		<u>Quantity</u>	<u>Source / Comments</u>
CMT Basket			
1	Regulatory Fees	(149)	Exhibit 1.3-4, Line 15
2	TRS Costs	767	Exhibit 1.3-5, Line 15
3	NANPA	(1)	Exhibit 1.3-6, Line 15
4	Total Common Line	617	Sum of Lines 1..3
Traffic Sensitive Basket			
5	Regulatory Fees	0	Exhibit 1.3-4, Line 18
6	TRS Costs	0	Exhibit 1.3-5, Line 18
7	NANPA	0	Exhibit 1.3-6, Line 18
8	Total Traffic Sensitive	0	Sum of Lines 5..7
Special Access Basket			
9	Regulatory Fees	0	Exhibit 1.3-4, Line 19
10	TRS Costs	0	Exhibit 1.3-5, Line 19
11	NANPA	0	Exhibit 1.3-6, Line 19
12	Total Special Access	0	Sum of Lines 9..11

**Citizens Telecommunications Companies - Group #3**  
Summary of Exogenous Costs Targeted to SBIs  
Excluding ATS Targeting

5/1/08 Letter Filing  
Exhibit 1.3-2  
Page 1 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
Traffic Sensitive Basket		
Database Access Band Undesignated		
1 Reg Fees	0	Exhibit 1.3-4, Line 16
2 TRS	0	Exhibit 1.3-5, Line 16
3 NANPA	0	Exhibit 1.3-6, Line 16
4 Total Database Access Undesignated	0	Sum of Lines 1..3
Billing Name and Address Band		
5 Reg Fees	0	Exhibit 1.3-4, Line 17
6 TRS	0	Exhibit 1.3-5, Line 17
7 NANPA	0	Exhibit 1.3-6, Line 17
8 Total Billing Name and Address Band	0	Sum of Lines 5..7
9 Total Traffic Sensitive Targeting	0	Line 4 + Line 8
10 Total Traffic Sensitive Exogenous Costs	0	Exhibit 1.3-1, Line 8
11 Non-Targeted TS Exogenous Costs	0	Line 10 - Line 9

**Citizens Telecommunications Companies - Group #3**  
Summary of Exogenous Costs Targeted to SBIs  
Excluding ATS Targeting

5/1/08 Letter Filing  
Exhibit 1.3-2  
Page 2 of 2

	<b>Quantity</b>	<b><u>Source / Comments</u></b>
Special Access Basket		
12 Voice Grade Band	0	no targeting below basket level
13 Audio/Video Band	0	no targeting below basket level
14 HiCap & DDS Band	0	no targeting below basket level
15 Total Special Access Targeting	0	Sum of lines 12,13,14
16 Total Special Access Exogenous Costs	0	Exhibit 1.3-1, Line 12
17 Non-Targeted Special Acc. Exog. Costs	0	Line 16 - Line 15

**Citizens Telecommunications Companies - Group #3**  
Summary of Average Traffic Sensitive Rate Targeting to SBIs

5/1/08 Letter Filing  
Exhibit 1.3-3  
Page 1 of 1

	<u>Quantity</u>	<u>Source / Comments</u>
Traffic Sensitive Basket		
1 Local Switching Band	June Filing	June Filing
2 Information	June Filing	June Filing
3 Trunk Ports Band	June Filing	June Filing
4 STP Ports Band	June Filing	June Filing
5 Total Traffic Sensitive Targeting	0	Sum of lines 1..4
Trunking Basket		
6 Tandem Transport Band	June Filing	June Filing
7 Voice Grade Band	June Filing	June Filing
8 DS1 Sub-Band	June Filing	June Filing
9 DS3 Sub-Band	June Filing	June Filing
10 HiCap - Other	June Filing	June Filing
11 Total Trunking Targeting	0	Sum of lines 6..10

**Citizens Telecommunications Companies - Group #3**Calculation of Exogenous Adjustment  
For Federal Regulatory Fees

5/1/08 Letter Filing

Exhibit 1.3-4

Page 1 of 2

	Quantity	Source / Comments
1 Regulatory Fees from Last Filing	3,718	Trans. 174, Exhibit 1.3-4
2 Access Line Change Factor	88.5698%	Exhibit 2.3-3, Line 7
3 Regulatory Fees Embedded in Rates	3,293	Line 1 * Line 2
4 Reg Fee Funding Base--Interstate EU Rev.	1,181,973	Contribution Base from Form 499-A for 2005
5 Non-Price Cap Percentage	0.0000%	records
6 Price Cap Portion of Funding Base	1,181,973	Line 4 * (1 - Line 5)
7 Reg. Fee rate per Revenue Dollar	\$0.00266	R&O & FNPRM, FCC 07-140 released August 6, 2007
8 Regulatory Fees Attributable to Price Caps	3,144	Line 7 * Line 6
9 Regulatory Fees Exogenous Cost Change	(149)	Line 8 - Line 3
Price Cap End User Revenues		
10 CMT Basket--Per Line Only	1,020,665	end user demand rated out
11 Database Access	0	end user demand rated out
12 Bill Name & Address	0	end user demand rated out
13 Special Access	0	end user demand rated out
14 Total Price Cap End User Revenues	1,020,665	Sum of Lines 10..13

**Citizens Telecommunications Companies - Group #3**

Calculation of Exogenous Adjustment  
For Federal Regulatory Fees

5/1/08 Letter Filing

Exhibit 1.3-4

Page 2 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
Reg Fees Exogenous Change Allocation:		
15 CMT Basket	(149)	Line 9 * Line 10 / Line 14
16 Database Access--Undesignated	0	Line 9 * Line 11 / Line 14
17 Billing Name and Address	0	Line 9 * Line 12 / Line 14
18 Total Traffic Sensitive	0	Sum of Lines 16..17
19 Special Access	0	Line 9 * Line 13 / Line 14
20 Total Reg Fees Exogenous	(149)	Line 15 + Line 18 + Line 19

**Citizens Telecommunications Companies - Group #3**Calculation of Exogenous Adjustment  
For Telecommunications Relay Service

5/1/08 Letter Filing

Exhibit 1.3-5

Page 1 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
1 TRS Costs from Last Filing	10,063	Trans. 175, Exhibit 1.3-5
2 Access Line Change Factor	88.5698%	Exhibit 2.3-3, Line 7
3 TRS Costs Embedded in Rates	8,913	Line 3 * Line 2
4 2004 TRS Funding Base	1,181,973	Contribution Base from Form 499-A for 2005
5 2004 Non-Price Cap Percentage	0.0000%	records
6 Price Cap Portion of 2004 Funding Base	1,181,973	Line 4 * (1 - Line 5)
7 TRS Contr. per IS End User Billed Revenue	0.00819	Order, DA 08-303, released February 6, 2008
8 TRS Costs for Price Caps	9,680	Line 7 * Line 6
9 TRS Exogenous Cost Change	767	Line 8 - Line 3
Price Cap End User Revenues		
10 CMT Basket--Per Line Only	1,020,665	end user demand rated out
11 Database Access	0	end user demand rated out
12 Bill Name & Address	0	end user demand rated out
13 Special Access	0	end user demand rated out
14 Total Price Cap End User Revenues	1,020,665	Sum of Lines 10..13

**Citizens Telecommunications Companies - Group #3**

Calculation of Exogenous Adjustment  
For Telecommunications Relay Service

5/1/08 Letter Filing

Exhibit 1.3-5

Page 2 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
TRS Exogenous Cost Change Allocation:		
15 CMT Basket	767	Line 9 * Line 10 / Line 14
16 Database Access--Undesignated	0	Line 9 * Line 11 / Line 14
17 Bill Name & Address	0	Line 9 * Line 12 / Line 14
18 Total Traffic Sensitive	0	Sum of Lines 16..17
19 Special Access	0	Line 9 * Line 13 / Line 14
20 Total Distributed TRS Exogenous	767	Line 15 + Line 18 + Line 19

**Citizens Telecommunications Companies - Group #3**Calculation of Exogenous Adjustment  
For NANPA Payments

5/1/08 Letter Filing

Exhibit 1.3-6

Page 1 of 2

	Quantity	Source / Comments
1 NANPA Costs from Last Filing	27	Trans. 174, Exhibit 1.3-6
2 Access Line Change Factor	88.5698%	Exhibit 2.3-3, Line 7
3 NANPA Payments Embedded in Rates	24	Line 3 * Line 2
4 NANPA Funding Base--Interstate EU Revenue	1,181,973	Contribution Base from Form 499-A for 2005 records
5 Non-Price Cap Percentage	0.0000%	
6 Price Cap Portion of Funding Base	1,181,973	Line 4 * (1 - Line 5)
7 NANPA Contribution Factor	0.0000193	Public Notice, DA 07-2078, released May 15, 2007
8 NANPA Costs Attributable to Price Caps	23	Line 7 * Line 6
9 NANPA Exogenous Cost Change	(1)	Line 8 - Line 3
Price Cap End User Revenues		
10 CMT Basket--Per Line Only	1,020,665	end user demand rated out
11 Database Access	0	end user demand rated out
12 Bill Name & Address	0	end user demand rated out
13 Special Access	0	end user demand rated out
14 Total Price Cap End User Revenues	1,020,665	Sum of Lines 10..13

**Citizens Telecommunications Companies - Group #3**

Calculation of Exogenous Adjustment  
For NANPA Payments

5/1/08 Letter Filing

Exhibit 1.3-6

Page 2 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
NANPA Exogenous Change Allocation:		
15 CMT Basket	(1)	Line 9 * Line 10 / Line 14
16 Database Access--Undesignated	0	Line 9 * Line 11 / Line 14
17 Billing Name and Address	0	Line 9 * Line 12 / Line 14
18 Total Traffic Sensitive	0	Sum of Lines 16..17
19 Special Access	0	Line 9 * Line 13 / Line 14
20 Total Distributed NANPA Exogenous	(1)	Line 15 + Line 18 + Line 19

**Citizens Telecommunications Companies - Group #4**

Summary of Exogenous Costs

Excluding ATS Targeting

5/1/08 Letter Filing

Exhibit 1.4-1

Page 1 of 1

		<u>Quantity</u>	<u>Source / Comments</u>
CMT Basket			
1	Regulatory Fees	(3,362)	Exhibit 1.4-4, Line 15
2	TRS Costs	15,189	Exhibit 1.4-5, Line 15
3	NANPA	(24)	Exhibit 1.4-6, Line 15
4	Total Common Line	11,802	Sum of Lines 1..3
Traffic Sensitive Basket			
5	Regulatory Fees	0	Exhibit 1.4-4, Line 18
6	TRS Costs	0	Exhibit 1.4-5, Line 18
7	NANPA	0	Exhibit 1.4-6, Line 18
8	Total Traffic Sensitive	0	Sum of Lines 5..7
Special Access Basket			
9	Regulatory Fees	0	Exhibit 1.4-4, Line 19
10	TRS Costs	0	Exhibit 1.4-5, Line 19
11	NANPA	0	Exhibit 1.4-6, Line 19
12	Total Special Access	0	Sum of Lines 9..11

**Citizens Telecommunications Companies - Group #4**

Summary of Exogenous Costs Targeted to SBIs

Excluding ATS Targeting

5/1/08 Letter Filing

Exhibit 1.4-2

Page 1 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
Traffic Sensitive Basket		
Database Access Band Undesignated		
1 Reg Fees	0	Exhibit 1.4-4, Line 16
2 TRS	0	Exhibit 1.4-5, Line 16
3 NANPA	0	Exhibit 1.4-6, Line 16
4 Total Database Access Undesignated	0	Sum of Lines 1..3
Billing Name and Address Band		
5 Reg Fees	0	Exhibit 1.4-4, Line 17
6 TRS	0	Exhibit 1.4-5, Line 17
7 NANPA	0	Exhibit 1.4-6, Line 17
8 Total Billing Name and Address Band	0	Sum of Lines 5..7
9 Total Traffic Sensitive Targeting	0	Line 4 + Line 8
10 Total Traffic Sensitive Exogenous Costs	0	Exhibit 1.4-1, Line 8
11 Non-Targeted TS Exogenous Costs	0	Line 10 - Line 9

**Citizens Telecommunications Companies - Group #4**

Summary of Exogenous Costs Targeted to SBIs

Excluding ATS Targeting

5/1/08 Letter Filing

Exhibit 1.4-2

Page 2 of 2

	Quantity	<u>Source / Comments</u>
Special Access Basket		
12 Voice Grade Band	0	no targeting below basket level
13 Audio/Video Band	0	no targeting below basket level
14 HiCap & DDS Band	0	no targeting below basket level
15 Total Special Access Targeting	0	Sum of lines 12,13,14
16 Total Special Access Exogenous Costs	0	Exhibit 1.4-1, Line 12
17 Non-Targeted Special Acc. Exog. Costs	0	Line 16 - Line 15

**Citizens Telecommunications Companies - Group #4**  
Summary of Average Traffic Sensitive Rate Targeting to SBIs

5/1/08 Letter Filing  
Exhibit 1.4-3  
Page 1 of 1

	<u>Quantity</u>	<u>Source / Comments</u>
Traffic Sensitive Basket		
1 Local Switching Band	June Filing	June Filing
2 Information	June Filing	June Filing
3 Trunk Ports Band	June Filing	June Filing
4 STP Ports Band	June Filing	June Filing
5 Total Traffic Sensitive Targeting	0	Sum of lines 1..4
Trunking Basket		
6 Tandem Transport Band	June Filing	June Filing
7 Voice Grade Band	June Filing	June Filing
8 DS1 Sub-Band	June Filing	June Filing
9 DS3 Sub-Band	June Filing	June Filing
10 HiCap - Other	June Filing	June Filing
11 Total Trunking Targeting	0	Sum of lines 6..10

**Citizens Telecommunications Companies - Group #4**

Calculation of Exogenous Adjustment

For Federal Regulatory Fees

5/1/08 Letter Filing

Exhibit 1.4-4

Page 1 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
1 Regulatory Fees from Last Filing	71,964	Trans. 174, Exhibit 1.4-4
2 Access Line Change Factor	95.3597%	Exhibit 2.4-3, Line 7
3 Regulatory Fees Embedded in Rates	68,624	Line 1 * Line 2
4 Reg Fee Funding Base--Interstate EU Rev.	24,630,130	Contribution Base from Form 499-A for 2005
5 Non-Price Cap Percentage	0.3879%	records
6 Price Cap Portion of Funding Base	24,534,598	Line 4 * (1 - Line 5)
7 Reg. Fee rate per Revenue Dollar	\$0.00266	R&O & FNPRM, FCC 07-140 released August 6, 2007
8 Regulatory Fees Attributable to Price Caps	65,262	Line 7 * Line 6
9 Regulatory Fees Exogenous Cost Change	(3,362)	Line 8 - Line 3
Price Cap End User Revenues		
10 CMT Basket--Per Line Only	21,774,025	end user demand rated out
11 Database Access	0	end user demand rated out
12 Bill Name & Address	0	end user demand rated out
13 Special Access	0	end user demand rated out
14 Total Price Cap End User Revenues	21,774,025	Sum of Lines 10..13

**Citizens Telecommunications Companies - Group #4**

Calculation of Exogenous Adjustment

For Federal Regulatory Fees

5/1/08 Letter Filing

Exhibit 1.4-4

Page 2 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
Reg Fees Exogenous Change Allocation:		
15 CMT Basket	(3,362)	Line 9 * Line 10 / Line 14
16 Database Access--Undesignated	0	Line 9 * Line 11 / Line 14
17 Billing Name and Address	0	Line 9 * Line 12 / Line 14
18 Total Traffic Sensitive	0	Sum of Lines 16..17
19 Special Access	0	Line 9 * Line 13 / Line 14
20 Total Reg Fees Exogenous	(3,362)	Line 15 + Line 18 + Line 19

**Citizens Telecommunications Companies - Group #4**Calculation of Exogenous Adjustment  
For Telecommunications Relay Service

5/1/08 Letter Filing

Exhibit 1.4-5

Page 1 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
1 TRS Costs from Last Filing	194,789	Trans. 175, Exhibit 1.4-5
2 Access Line Change Factor	95.3597%	Exhibit 2.4-3, Line 7
3 TRS Costs Embedded in Rates	185,750	Line 3 * Line 2
4 2004 TRS Funding Base	24,630,130	Contribution Base from Form 499-A for 2005
5 2004 Non-Price Cap Percentage	0.3879%	records
6 Price Cap Portion of 2004 Funding Base	24,534,598	Line 4 * (1 - Line 5)
7 TRS Contr. per IS End User Billed Revenue	0.00819	Order, DA 08-303, released February 6, 2008
8 TRS Costs for Price Caps	200,938	Line 7 * Line 6
9 TRS Exogenous Cost Change	15,189	Line 8 - Line 3
Price Cap End User Revenues		
10 CMT Basket--Per Line Only	21,774,025	end user demand rated out
11 Database Access	0	end user demand rated out
12 Bill Name & Address	0	end user demand rated out
13 Special Access	0	end user demand rated out
14 Total Price Cap End User Revenues	21,774,025	Sum of Lines 10..13

**Citizens Telecommunications Companies - Group #4**

Calculation of Exogenous Adjustment  
For Telecommunications Relay Service

5/1/08 Letter Filing

Exhibit 1.4-5

Page 2 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
TRS Exogenous Cost Change Allocation:		
15 CMT Basket	15,189	Line 9 * Line 10 / Line 14
16 Database Access--Undesignated	0	Line 9 * Line 11 / Line 14
17 Bill Name & Address	0	Line 9 * Line 12 / Line 14
18 Total Traffic Sensitive	0	Sum of Lines 16..17
19 Special Access	0	Line 9 * Line 13 / Line 14
20 Total Distributed TRS Exogenous	15,189	Line 15 + Line 18 + Line 19

**Citizens Telecommunications Companies - Group #4**Calculation of Exogenous Adjustment  
For NANPA Payments5/1/08 Letter Filing  
Exhibit 1.4-6  
Page 1 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
1 NANPA Costs from Last Filing	522	Trans. 174, Exhibit 1.4-6
2 Access Line Change Factor	95.3597%	Exhibit 2.4-3, Line 7
3 NANPA Payments Embedded in Rates	498	Line 3 * Line 2
4 NANPA Funding Base--Interstate EU Revenue	24,630,130	Contribution Base from Form 499-A for 2005
5 Non-Price Cap Percentage	0.3879%	records
6 Price Cap Portion of Funding Base	24,534,598	Line 4 * (1 - Line 5)
7 NANPA Contribution Factor	0.0000193	Public Notice, DA 07-2078, released May 15, 2007
8 NANPA Costs Attributable to Price Caps	474	Line 7 * Line 6
9 NANPA Exogenous Cost Change	(24)	Line 8 - Line 3
Price Cap End User Revenues		
10 CMT Basket--Per Line Only	21,774,025	end user demand rated out
11 Database Access	0	end user demand rated out
12 Bill Name & Address	0	end user demand rated out
13 Special Access	0	end user demand rated out
14 Total Price Cap End User Revenues	21,774,025	Sum of Lines 10..13

**Citizens Telecommunications Companies - Group #4**

Calculation of Exogenous Adjustment  
For NANPA Payments

5/1/08 Letter Filing

Exhibit 1.4-6

Page 2 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
NANPA Exogenous Change Allocation:		
15 CMT Basket	(24)	Line 9 * Line 10 / Line 14
16 Database Access--Undesignated	0	Line 9 * Line 11 / Line 14
17 Billing Name and Address	0	Line 9 * Line 12 / Line 14
18 Total Traffic Sensitive	0	Sum of Lines 16..17
19 Special Access	0	Line 9 * Line 13 / Line 14
20 Total Distributed NANPA Exogenous	(24)	Line 15 + Line 18 + Line 19

\*

**Citizens Telecommunications Companies - Group #5**

Summary of Exogenous Costs

Excluding ATS Targeting

5/1/08 Letter Filing

Exhibit 1.5-1

Page 1 of 1

		<u>Quantity</u>	<u>Source / Comments</u>
CMT Basket			
1	Regulatory Fees	0	Exhibit 1.5-4, Line 14
2	TRS Costs	1,290	Exhibit 1.5-5, Line 14
3	NANPA	0	Exhibit 1.5-6, Line 14
4	Total Common Line	1,290	Sum of Lines 1..3
Traffic Sensitive Basket			
5	Regulatory Fees	0	Exhibit 1.5-4, Line 17
6	TRS Costs	0	Exhibit 1.5-5, Line 17
7	NANPA	0	Exhibit 1.5-6, Line 17
8	Total Traffic Sensitive	0	Sum of Lines 5..7
Special Access Basket			
9	Regulatory Fees	0	Exhibit 1.5-4, Line 18
10	TRS Costs	0	Exhibit 1.5-5, Line 18
11	NANPA	0	Exhibit 1.5-6, Line 18
12	Total Special Access	0	Sum of Lines 9..11

**Citizens Telecommunications Companies - Group #5**

Summary of Exogenous Costs Targeted to SBIs

Excluding ATS Targeting

5/1/08 Letter Filing

Exhibit 1.5-2

Page 1 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
Traffic Sensitive Basket		
Database Access Band Undesignated		
1 Reg Fees	0	Exhibit 1.5-4, Line 15
2 TRS	0	Exhibit 1.5-5, Line 15
3 NANPA	0	Exhibit 1.5-6, Line 15
4 Total Database Access Undesignated	0	Sum of Lines 1..3
Billing Name and Address Band		
5 Reg Fees	0	Exhibit 1.5-4, Line 16
6 TRS	0	Exhibit 1.5-5, Line 16
7 NANPA	0	Exhibit 1.5-6, Line 16
8 Total Billing Name and Address Band	0	Sum of Lines 5..7
9 Total Traffic Sensitive Targeting	0	Line 4 + Line 8
10 Total Traffic Sensitive Exogenous Costs	0	Exhibit 1.5-1, Line 8
11 Non-Targeted TS Exogenous Costs	0	Line 10 - Line 9

**Citizens Telecommunications Companies - Group #5**  
Summary of Exogenous Costs Targeted to SBIs  
Excluding ATS Targeting

5/1/08 Letter Filing  
Exhibit 1.5-2  
Page 2 of 2

	Quantity	Source / Comments
Special Access Basket		
12 Voice Grade Band	0	no targeting below basket level
13 Audio/Video Band	0	no targeting below basket level
14 HiCap & DDS Band	0	no targeting below basket level
15 Total Special Access Targeting	0	Sum of lines 12,13,14
16 Total Special Access Exogenous Costs	0	Exhibit 1.5-1, Line 12
17 Non-Targeted Special Acc. Exog. Costs	0	Line 16 - Line 15

**Citizens Telecommunications Companies - Group #5**  
Summary of Average Traffic Sensitive Rate Targeting to SBIs

5/1/08 Letter Filing  
Exhibit 1.5-3  
Page 1 of 1

	<u>Quantity</u>	<u>Source / Comments</u>
Traffic Sensitive Basket		
1 Local Switching Band	June Filing	June Filing
2 Information	June Filing	June Filing
3 Trunk Ports Band	June Filing	June Filing
4 STP Ports Band	June Filing	June Filing
5 Total Traffic Sensitive Targeting	0	Sum of lines 1..4
Trunking Basket		
6 Tandem Transport Band	June Filing	June Filing
7 Voice Grade Band	June Filing	June Filing
8 DS1 Sub-Band	June Filing	June Filing
9 DS3 Sub-Band	June Filing	June Filing
10 HiCap - Other	June Filing	June Filing
11 Total Trunking Targeting	0	Sum of lines 6..10

**Citizens Telecommunications Companies - Group #5**Calculation of Exogenous Adjustment  
For Federal Regulatory Fees

5/1/08 Letter Filing

Exhibit 1.5-4

Page 1 of 2

	Quantity	Source / Comments
1 Reg. Fee rate paid during 2007	\$0.00266	R&O & FNPRM, FCC 07-140 released August 6, 2007
2 Regulatory Fees in 2007 Revenue Req.	3,465	Line 1 * Line 5
3 Reg Fee Funding Base--Interstate EU Rev.	1,302,607	Contribution Base from Form 499-A for 2005
4 Non-Price Cap Percentage	0.0000%	records
5 Price Cap Portion of Funding Base	1,302,607	Line 3 * (1 - Line 4)
6 Reg. Fee rate per Revenue Dollar	\$0.00266	R&O & FNPRM, FCC 07-140 released August 6, 2007
7 Regulatory Fees Attributable to Price Caps	3,465	Line 6 * Line 5
8 Regulatory Fees Exogenous Cost Change	0	Line 7 - Line 2
Price Cap End User Revenues		
9 CMT Basket--Per Line Only	1,176,799	end user demand rated out
10 Database Access	0	end user demand rated out
11 Bill Name & Address	0	end user demand rated out
12 Special Access	0	end user demand rated out
13 Total Price Cap End User Revenues	1,176,799	Sum of Lines 9..12

**Citizens Telecommunications Companies - Group #5**

Calculation of Exogenous Adjustment  
For Federal Regulatory Fees

5/1/08 Letter Filing

Exhibit 1.5-4

Page 2 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
Reg Fees Exogenous Change Allocation:		
14 CMT Basket	0	Line 8 * Line 9 / Line 13
15 Database Access--Undesignated	0	Line 8 * Line 10 / Line 13
16 Billing Name and Address	0	Line 8 * Line 11 / Line 13
17 Total Traffic Sensitive	0	Sum of Lines 15..16
18 Special Access	0	Line 8 * Line 12 / Line 13
19 Total Reg Fees Exogenous	0	Line 14 + Line 17 + Line 18

**Citizens Telecommunications Companies - Group #5**Calculation of Exogenous Adjustment  
For Telecommunications Relay Service

5/1/08 Letter Filing

Exhibit 1.5-5

Page 1 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
1 TRS Contr. Rate paid in 2007	0.00720	Order, DA 07-2904, released June 29, 2007
2 TRS Costs in 2007 Revenue Requirement	9,379	Line 1 * Line 5
3 2004 TRS Funding Base	1,302,607	Contribution Base from Form 499-A for 2005
4 2004 Non-Price Cap Percentage	0.0000%	records
5 Price Cap Portion of 2004 Funding Base	1,302,607	Line 3 * (1 - Line 4)
6 TRS Contr. per IS End User Billed Revenue	0.00819	Order, DA 08-303, released February 6, 2008
7 TRS Costs for Price Caps	10,668	Line 6 * Line 5
8 TRS Exogenous Cost Change	1,290	Line 7 - Line 2
Price Cap End User Revenues		
9 CMT Basket--Per Line Only	1,176,799	end user demand rated out
10 Database Access	0	end user demand rated out
11 Bill Name & Address	0	end user demand rated out
12 Special Access	0	end user demand rated out
13 Total Price Cap End User Revenues	1,176,799	Sum of Lines 9..12

**Citizens Telecommunications Companies - Group #5**

Calculation of Exogenous Adjustment  
For Telecommunications Relay Service

5/1/08 Letter Filing

Exhibit 1.5-5

Page 2 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
TRS Exogenous Cost Change Allocation:		
14 CMT Basket	1,290	Line 8 * Line 9 / Line 13
15 Database Access--Undesignated	0	Line 8 * Line 10 / Line 13
16 Bill Name & Address	0	Line 8 * Line 11 / Line 13
17 Total Traffic Sensitive	0	Sum of Lines 15..16
18 Special Access	0	Line 8 * Line 12 / Line 13
19 Total Distributed TRS Exogenous	1,290	Line 14 + Line 17 + Line 18

**Citizens Telecommunications Companies - Group #5**Calculation of Exogenous Adjustment  
For NANPA Payments

5/1/08 Letter Filing

Exhibit 1.5-6

Page 1 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
1 NANPA Contribution Factor paid in 2007	0.0000193	Public Notice, DA 07-2078, released May 15, 2007
2 NANPA Payments in 2007 Revenue Req.	25	Line 1 * Line 5
3 NANPA Funding Base--Interstate EU Revenue	1,302,607	Contribution Base from Form 499-A for 2005
4 Non-Price Cap Percentage	0.0000%	records
5 Price Cap Portion of Funding Base	1,302,607	Line 3 * (1 - Line 4)
6 NANPA Contribution Factor	0.0000193	Public Notice, DA 07-2078, released May 15, 2007
7 NANPA Costs Attributable to Price Caps	25	Line 6 * Line 5
8 NANPA Exogenous Cost Change	0	Line 7 - Line 2
Price Cap End User Revenues		
9 CMT Basket--Per Line Only	1,176,799	end user demand rated out
10 Database Access	0	end user demand rated out
11 Bill Name & Address	0	end user demand rated out
12 Special Access	0	end user demand rated out
13 Total Price Cap End User Revenues	1,176,799	Sum of Lines 9..12

**Citizens Telecommunications Companies - Group #5**

Calculation of Exogenous Adjustment  
For NANPA Payments

5/1/08 Letter Filing

Exhibit 1.5-6

Page 2 of 2

	<u>Quantity</u>	<u>Source / Comments</u>
NANPA Exogenous Change Allocation:		
14 CMT Basket	0	Line 8 * Line 9 / Line 13
15 Database Access--Undesignated	0	Line 8 * Line 10 / Line 13
16 Billing Name and Address	0	Line 8 * Line 11 / Line 13
17 Total Traffic Sensitive	0	Sum of Lines 15..16
18 Special Access	0	Line 8 * Line 12 / Line 13
19 Total Distributed NANPA Exogenous	0	Line 14 + Line 17 + Line 18

**Citizens Telecommunications Companies - Group #1**  
CMT Exogenous Cost Change Factor

5/1/08 Letter Filing  
Exhibit 2.1-1

	<u>Quantity</u>	<u>Source / Comments</u>
1 Total exogenous changes (delta Z)	9,142	Exhibit 1.1-1, Line 4
2 Total EUCL Lines	9,411,640	Base Period Demand
3 CMT Exogenous per line	0.000971	Line 1 / Line 2
4 CMT Revenue per Line at time t-1	9.592232	Trans. 175
5 Exogenous Cost Change Factor	1.00010126	1 + (Line 3 / Line 4)
6 CMT Revenue per Line at time t	9.593203	Line 4 * Line 5

**Citizens Telecommunications Companies - Group #1**  
Price Cap Index Calculation

5/1/08 Letter Filing  
Exhibit 2.1-2

		(A) Traffic Sensitive	(B) Trunking	(C) Inter- exchange	(D) Special Access
	Source / Comments				
1	GDP-PI	Not an annual filing	2.6383%	2.6383%	2.6383%
2	Productivity factor (X)	47 CFR 61.45	2.6383%	2.6383%	2.6383%
3	GDP-PI - X	Line 1 - Line 2	0.0000%	0.0000%	0.0000%
4	Existing PCI [ PCI(t-1) ]	Trans. 175	24.4118	27.0731	61.2620
5	Exogenous Changes (delta Z)	Exhibit 1.1-1	\$0	\$0	\$0
6	Revenues (R)	Base Period Demand rated out (Revenues at Last PCI Update)	\$11,913,023	\$12,785,803	\$83,035,943
7	Delta Z / R	Line 5 / Line 6	0.0000	0.0000	0.0000
8	W = ( R + Delta Z ) / R	(Line 6 + Line 5) / Line 6	1.0000	1.0000	1.0000
9	W * (GDP-PI - X)	Line 8 * Line 3	0.0000	0.0000	0.0000
10	Targeted Revenue Differential		0	0	0
11	Proposed PCI (Non-Exog Only)	Line 4 - or - Line 4 * (1 + Line 3)	24.4118	27.0731	61.2620
12	Proposed PCI	Line 4 * (1 + Line 7 + (Line 10 / Line 6))	<b>24.4118</b>	<b>27.0731</b>	<b>61.2620</b>
13	% Change in PCI	(Line 12 / Line 4) - 1	0.0000%	0.0000%	0.0000%

**Citizens Telecommunications Companies - Group #1**

Calculation of g factor

5/1/08 Letter Filing

Exhibit 2.1-3

	<u>Quantity</u>	<u>Source / Comments</u>
1 Prior Base Period CCL MOU	2,390,254,215	Prior Base Period Demand
2 Prior Base Period Lines	815,450	Prior Base Period Demand / 12
3 Prior Base Period MOU per Line	2,931	Line 1 / Line 2
4 Base Period CCL MOU	2,243,464,125	Base Period Demand
5 Base Period Lines	784,303	Base Period Demand / 12
6 Base Period MOU per Line	2,860	Line 4 / Line 5
7 Access Line Change Factor	96.1805%	Line 5 / Line 2
8 g factor	-2.4139%	(Line 6 / Line 3) - 1
9 g factor used for targeting	0.00%	zero if no CCL allowed or no targeting, else Line 8

**Citizens Telecommunications Companies - Group #1**  
Calculation of Transport Minutes for ATS Rate

5/1/08 Letter Filing  
Exhibit 2.1-4

	<u>Quantity</u>	<u>Source / Comments</u>
1 ILEC Only TIC MOU	2,243,464,125	Base Period Demand
2 Less: MOU on detariffed facilities only	0	Base Period Demand
3 Connecting Co. Tandem MOU	28,244,454	Base Period Demand
4 Connecting Co. Direct MOU	0	Line 8 * Line 9
5 Total ILEC Transport MOU	2,271,708,579	Line 1 - Line 2 + Line 3 + Line 4
6 DS1's Direct to Conn. Co. Offices (PIU'd)	0.00	Base Period Demand in Price Caps
7 DS3's Direct to Conn. Co. Offices (PIU'd)	0.00	Base Period Demand in Price Caps
8 Conn. Co. VG Equiv. Direct Trunks	0	24 * Line 6 + 672 * Line 7
9 Assumed MOU per Direct Trunk	2,598	Trans. 42

**Citizens Telecommunications Companies - Group #1**  
Calculation of Current ATS Rate and Aggregate Target

5/1/08 Letter Filing  
Exhibit 2.1-5  
Page 1 of 1

		(A) Total	(B) CMT	(C) Traffic Sens.	(D) Trunking
100	Local Switching	Base Period Demand Rated Out		5,833,007	
105	LS Trunk Ports	Base Period Demand Rated Out		3,948,645	
110	Info Surcharge	Base Period Demand Rated Out		0	
115	STP Ports	Base Period Demand Rated Out		0	
130	Tandem Switched Transport	Base Period Demand Rated Out			3,767,469
160	VG Switched Transport	Base Period Demand Rated Out			19,824
220	High Cap & Other Switched Transport	Base Period Demand Rated Out			8,998,510
400	Total Traffic Sensitive-Related Revenue	Sum of Lines 100..220		9,781,652	12,785,803
410	Switched TS Revenue	Line 400, Col. C			
415	Switched Transport Revenue	Line 400, Col. D			
420	Local Switching MOU	Exhibit 3.1-3, Lines 1..5, Col. A			
430	LEC Transport MOU	Exhibit 2.1-4, Line 5			
440	Switched TS Revenue per MOU	Line 410 / Line 420			
450	Switched Transport Revenue per MOU	Line 415 / Line 430			
460	ATS Revenue per MOU	Line 440 + Line 450			
470	Original Target Avg TS MOU Rate	47 C.F.R 61.3(qq)(3)			
475	ATS Target Met in Prior Filing	Input			
478	Target Avg TS MOU Rate				
480	Amount Above Target	If Line 475 = "Yes" then 0, else Line 460 - Line 470, but max 0			

**Citizens Telecommunications Companies - Group #1**

Calculation of Initial Targeting Amount

5/1/08 Letter Filing

Exhibit 2.1-6

Page 1 of 1

		(A) Total	(B) CMT	(C) Traffic Sens.	(D) Trunking
490	Maximum Revenue to Target	Line 480 * max of Ln 420 or 430, subj. to LS reduction rule	0		
500	GDP-PI	Not an annual filing	2.6383%	2.6383%	2.6383%
510	X	47 CFR 61.45	0.026383	0.026383	0.026383
520	g factor	Exhibit 2.1-3, Line 9	0.0000%		
530	CL MOU Revenue, excl. Marketing	Base period Demand rated out	0		
540	R	Base period Demand rated out	118,583,429	93,884,603	11,913,023
				12,785,803	
547	Reversal of Prior Yr Pooling Jurisdictions	Exhibit H-1	2,865,881	2,865,881	
550	Initial Target Reduction	GDP-PI - X & g impacts	0	0	0
555	Transfer Targeting Revenue	None	0	0	
560	Actual Available Targeting Reduction	Ln 550 + Ln 555 (limited to - Ln 490)	0		
570	Revenue Remaining to Target	Line 490 + Line 560	0		
595	Percentage Reduction in LS	Initial CALLS filing only	0.00%		
600	Specified LS Revenue Reduction	Initial Restructure Only	0		
610	Amount of Calculated LS Reduction	Min(Line 600, Line 570)	0		
620	Final Revenue Remaining to Target	Line 570 - Line 610	0		
700	Required TIC Reduction	No remaining TIC	0		
710	Required Info Surcharge Reduction	No remaining Info Surcharge	0		
715	Residual Amount	Ln 560 - Ln 610 - Ln 700 - Ln 710	0		
720	Minimum Amount for Local Switching	Ln 715 * Exhibit 2.1-5, (Ln 100 / Ln 400)	0		
730	Max. Availa. for Other ATS Ratemaking	Line 715 - Line 720	0		

**Citizens Telecommunications Companies - Group #2**5/1/08 Letter Filing  
Exhibit 2.2-1

	<u>Quantity</u>	<u>Source / Comments</u>
1 Total exogenous changes (delta Z)	30,591	Exhibit 1.2-1, Line 4
2 Total EUCL Lines	1,621,203	Base Period Demand
3 CMT Exogenous per line	0.018870	Line 1 / Line 2
4 CMT Revenue per Line at time t-1	13.853165	Trans. 175
5 Exogenous Cost Change Factor	1.00136211	1 + (Line 3 / Line 4)
6 CMT Revenue per Line at time t	13.872034	Line 4 * Line 5

**Citizens Telecommunications Companies - Group #2**

Price Cap Index Calculation

Traffic Sensitive Price Cap Basket

5/1/08 Letter Filing

Exhibit 2.2-2

		(A) Traffic Sensitive	(B) Trunking	(C) Inter- exchange	(D) Special Access
	Source / Comments				
1	GDP-PI	Not an annual filing	2.6383%	2.6383%	2.6383%
2	Productivity factor (X)	47 CFR 61.45	2.6383%	2.6383%	2.6383%
3	GDP-PI - X	Line 1 - Line 2	0.0000%	0.0000%	0.0000%
4	Existing PCI [ PCI(t-1) ]	Trans. 175	13.4455	16.8022	48.5879
5	Exogenous Changes (delta Z)	Exhibit 1.2-1	\$0	\$0	\$0
6	Revenues (R)	Base Period Demand rated out (Revenues at Last PCI Update)	\$2,452,477	\$1,682,889	\$13,940,855
7	Delta Z / R	Line 5 / Line 6	0.0000	0.0000	0.0000
8	$W = (R + \text{Delta } Z) / R$	(Line 6 + Line 5) / Line 6	1.0000	1.0000	1.0000
9	$W * (\text{GDP-PI} - X)$	Line 8 * Line 3	0.0000	0.0000	0.0000
10	Targeted Revenue Differential		0	0	0
11	Proposed PCI (Non-Exog Only)	Line 4 - or - Line 4 * (1 + Line 3)	13.4455	16.8022	48.5879
12	Proposed PCI	Line 4 * (1 + Line 7 + (Line 10 / Line 6))	<b>13.4455</b>	<b>16.8022</b>	<b>48.5879</b>
13	% Change in PCI	(Line 12 / Line 4) - 1	0.0000%	0.0000%	0.0000%

**Citizens Telecommunications Companies - Group #2**

Calculation of g factor

5/1/08 Letter Filing

Exhibit 2.2-3

	<u>Quantity</u>	<u>Source / Comments</u>
1 Prior Base Period CCL MOU	475,780,765	Prior Base Period Demand
2 Prior Base Period Lines	137,270	Prior Base Period Demand / 12
3 Prior Base Period MOU per Line	3,466	Line 1 / Line 2
4 Base Period CCL MOU	418,507,993	Base Period Demand
5 Base Period Lines	135,100	Base Period Demand / 12
6 Base Period MOU per Line	3,098	Line 4 / Line 5
7 Access Line Change Factor	98.4195%	Line 5 / Line 2
8 g factor	-10.6250%	(Line 6 / Line 3) - 1
9 g factor used for targeting	-0.00%	zero if no CCL allowed or no targeting, else Line 8

**Citizens Telecommunications Companies - Group #2**  
Calculation of Transport Minutes for ATS Rate

5/1/08 Letter Filing  
Exhibit 2.2-4

	<u>Quantity</u>	<u>Source / Comments</u>
1 ILEC Only TIC MOU	418,507,993	Base Period Demand
2 Less: MOU on detariffed facilities only	0	Base Period Demand
3 Connecting Co. Tandem MOU	0	Base Period Demand
4 Connecting Co. Direct MOU	0	Line 8 * Line 9
5 Total ILEC Transport MOU	418,507,993	Line 1 - Line 2 + Line 3 + Line 4
6 DS1's Direct to Conn. Co. Offices (PIU'd)	0.00	Base Period Demand in Price Caps
7 DS3's Direct to Conn. Co. Offices (PIU'd)	0.00	Base Period Demand in Price Caps
8 Conn. Co. VG Equiv. Direct Trunks	0	24 * Line 6 + 672 * Line 7
9 Assumed MOU per Direct Trunk	1,436	Trans. 42

**Citizens Telecommunications Companies - Group #2**  
Calculation of Current ATS Rate and Aggregate Target

5/1/08 Letter Filing  
Exhibit 2.2-5  
Page 1 of 1

		(A) Total	(B) CMT	(C) Traffic Sens.	(D) Trunking
100	Local Switching	Base Period Demand Rated Out		1,526,257	
105	LS Trunk Ports	Base Period Demand Rated Out		635,208	
110	Info Surcharge	Base Period Demand Rated Out		0	
115	STP Ports	Base Period Demand Rated Out		0	
130	Tandem Switched Transport	Base Period Demand Rated Out			620,661
160	VG Switched Transport	Base Period Demand Rated Out			16,101
220	High Cap & Other Switched Transport	Base Period Demand Rated Out			1,046,127
400	Total Traffic Sensitive-Related Revenue	Sum of Lines 100..220		2,161,465	1,682,889
410	Switched TS Revenue	Line 400, Col. C			
415	Switched Transport Revenue	Line 400, Col. D			
420	Local Switching MOU	Exhibit 3.2-3, Lines 1..5, Col. A			
430	LEC Transport MOU	Exhibit 2.2-4, Line 5			
440	Switched TS Revenue per MOU	Line 410 / Line 420			
450	Switched Transport Revenue per MOU	Line 415 / Line 430			
460	ATS Revenue per MOU	Line 440 + Line 450			
470	Original Target Avg TS MOU Rate	47 C.F.R 61.3(qq)(3)			
475	ATS Target Met in Prior Filing	Input			
478	Target Avg TS MOU Rate				
480	Amount Above Target	If Line 475 = "Yes" then 0, else Line 460 - Line 470, but max 0			

**Citizens Telecommunications Companies - Group #2**

## Calculation of Initial Targeting Amount

5/1/08 Letter Filing

Exhibit 2.2-6

Page 1 of 1

		(A) Total	(B) CMT	(C) Traffic Sens.	(D) Trunking
490	Maximum Revenue to Target	Line 480 * max of Ln 420 or 430, subj. to LS reduction rule	0		
500	GDP-PI	Not an annual filing	2.6383%	2.6383%	2.6383%
510	X	47 CFR 61.45	0.026383	0.026383	0.026383
520	g factor	Exhibit 2.2-3, Line 9	-0.0000%		
530	CL MOU Revenue, excl. Marketing	Base period Demand rated out	2,573,917		
540	R	Base period Demand rated out	27,089,563	22,954,198	2,452,477
					1,682,889
547	Reversal of Prior Yr Pooling Jurisdictions	Exhibit H-1	1,222,637	1,222,637	
550	Initial Target Reduction	GDP-PI - X & g impacts	0	0	0
555	Transfer Targeting Revenue	None	0	0	
560	Actual Available Targeting Reduction	Ln 550 + Ln 555 (limited to - Ln 490)	0		
570	Revenue Remaining to Target	Line 490 + Line 560	0		
595	Percentage Reduction in LS	Initial CALLS filing only	0.00%		
600	Specified LS Revenue Reduction	Initial Restructure Only	0		
610	Amount of Calculated LS Reduction	Min(Line 600, Line 570)	0		
620	Final Revenue Remaining to Target	Line 570 - Line 610	0		
700	Required TIC Reduction	No remaining TIC	0		
710	Required Info Surcharge Reduction	No remaining Info Surcharge	0		
715	Residual Amount	Ln 560 - Ln 610 - Ln 700 - Ln 710	0		
720	Minimum Amount for Local Switching	Ln 715 * Exhibit 2.2-5, (Ln 100 / Ln 400)	0		
730	Max. Availa. for Other ATS Ratemaking	Line 715 - Line 720	0		

**Citizens Telecommunications Companies - Group #3**  
CMT Exogenous Cost Change Factor

5/1/08 Letter Filing  
Exhibit 2.3-1

	<u>Quantity</u>	<u>Source / Comments</u>
1 Total exogenous changes (delta Z)	617	Exhibit 1.3-1, Line 4
2 Total EUCL Lines	207,193	Base Period Demand
3 CMT Exogenous per line	0.002980	Line 1 / Line 2
4 CMT Revenue per Line at time t-1	4.184115	Trans. 175
5 Exogenous Cost Change Factor	1.00071217	1 + (Line 3 / Line 4)
6 CMT Revenue per Line at time t	4.187095	Line 4 * Line 5

**Citizens Telecommunications Companies - Group #3**  
Price Cap Index Calculation

5/1/08 Letter Filing  
Exhibit 2.3-2

		(A) Traffic Sensitive	(B) Trunking	(C) Inter- exchange	(D) Special Access
	Source / Comments				
1	GDP-PI	Not an annual filing	2.6383%	2.6383%	2.6383%
2	Productivity factor (X)	47 CFR 61.45	2.6383%	2.6383%	2.6383%
3	GDP-PI - X	Line 1 - Line 2	0.0000%	0.0000%	0.0000%
4	Existing PCI [ PCI(t-1) ]	Trans. 175	40.7959	24.6757	76.8928
5	Exogenous Changes (delta Z)	Exhibit 1.3-1	\$0	\$0	\$0
6	Revenues (R)	Base Period Demand rated out (Revenues at Last PCI Update)	\$233,118	\$27,804	\$515,632
7	Delta Z / R	Line 5 / Line 6	0.0000	0.0000	0.0000
8	$W = (R + \text{Delta } Z) / R$	(Line 6 + Line 5) / Line 6	1.0000	1.0000	1.0000
9	$W * (\text{GDP-PI} - X)$	Line 8 * Line 3	0.0000	0.0000	0.0000
10	Targeted Revenue Differential		0	0	0
11	Proposed PCI (Non-Exog Only)	Line 4 - or - Line 4 * (1 + Line 3)	40.7959	24.6757	76.8928
12	Proposed PCI	Line 4 * (1 + Line 7 + (Line 10 / Line 6))	<b>40.7959</b>	<b>24.6757</b>	<b>76.8928</b>
13	% Change in PCI	(Line 12 / Line 4) - 1	0.0000%	0.0000%	0.0000%

**Citizens Telecommunications Companies - Group #3**

Calculation of g factor

5/1/08 Letter Filing

Exhibit 2.3-3

	<u>Quantity</u>	<u>Source / Comments</u>
1 Prior Base Period CCL MOU	34,862,684	Prior Base Period Demand
2 Prior Base Period Lines	19,494	Prior Base Period Demand / 12
3 Prior Base Period MOU per Line	1,788	Line 1 / Line 2
4 Base Period CCL MOU	28,206,126	Base Period Demand
5 Base Period Lines	17,266	Base Period Demand / 12
6 Base Period MOU per Line	1,634	Line 4 / Line 5
7 Access Line Change Factor	88.5698%	Line 5 / Line 2
8 g factor	-8.6524%	(Line 6 / Line 3) - 1
9 g factor used for targeting	0.00%	zero if no CCL allowed or no targeting, else Line 8

**Citizens Telecommunications Companies - Group #3**  
Calculation of Transport Minutes for ATS Rate

5/1/08 Letter Filing  
Exhibit 2.3-4

	<u>Quantity</u>	<u>Source / Comments</u>
1 ILEC Only TIC MOU	28,206,126	Base Period Demand
2 Less: MOU on detariffed facilities only	0	Base Period Demand
3 Connecting Co. Tandem MOU	0	Base Period Demand
4 Connecting Co. Direct MOU	0	Line 8 * Line 9
5 Total ILEC Transport MOU	28,206,126	Line 1 - Line 2 + Line 3 + Line 4
6 DS1's Direct to Conn. Co. Offices (PIU'd)	0.00	Base Period Demand in Price Caps
7 DS3's Direct to Conn. Co. Offices (PIU'd)	0.00	Base Period Demand in Price Caps
8 Conn. Co. VG Equiv. Direct Trunks	0	24 * Line 6 + 672 * Line 7
9 Assumed MOU per Direct Trunk	6,919	records

**Citizens Telecommunications Companies - Group #3**  
Calculation of Current ATS Rate and Aggregate Target

5/1/08 Letter Filing  
Exhibit 2.3-5  
Page 1 of 1

		(A) Total	(B) CMT	(C) Traffic Sens.	(D) Trunking
100	Local Switching	Base Period Demand Rated Out		200,119	
105	LS Trunk Ports	Base Period Demand Rated Out		32,998	
110	Info Surcharge	Base Period Demand Rated Out		0	
115	STP Ports	Base Period Demand Rated Out		0	
130	Tandem Switched Transport	Base Period Demand Rated Out			25,235
160	VG Switched Transport	Base Period Demand Rated Out			0
220	High Cap & Other Switched Transport	Base Period Demand Rated Out			2,569
400	Total Traffic Sensitive-Related Revenue	Sum of Lines 100..220		233,118	27,804
410	Switched TS Revenue	Line 400, Col. C			
415	Switched Transport Revenue	Line 400, Col. D			
420	Local Switching MOU	Exhibit 3.3-3, Lines 1..4, Col. A			
430	LEC Transport MOU	Exhibit 2.3-4, Line 5			
440	Switched TS Revenue per MOU	Line 410 / Line 420			
450	Switched Transport Revenue per MOU	Line 415 / Line 430			
460	ATS Revenue per MOU	Line 440 + Line 450			
470	Original Target Avg TS MOU Rate	47 C.F.R 61.3(qq)(3)			
475	ATS Target Met in Prior Filing	Input			
478	Target Avg TS MOU Rate				
480	Amount Above Target	If Line 475 = "Yes" then 0, else Line 460 - Line 470, but max 0			

**Citizens Telecommunications Companies - Group #3**

Calculation of Initial Targeting Amount

5/1/08 Letter Filing

Exhibit 2.3-6

Page 1 of 1

		(A) Total	(B) CMT	(C) Traffic Sens.	(D) Trunking
490	Maximum Revenue to Target	Line 480 * max of Ln 420 or 430, subj. to LS reduction rule	0		
500	GDP-PI	Not an annual filing	2.6383%	2.6383%	2.6383%
510	X	47 CFR 61.45	0.026383	0.026383	0.026383
520	g factor	Exhibit 2.3-3, Line 9	0.0000%		
530	CL MOU Revenue, excl. Marketing	Base period Demand rated out	0		
540	R	Base period Demand rated out	1,397,746	1,136,825	233,118
				27,804	
547	Reversal of Prior Yr Pooling Jurisdictions	Exhibit H-1	141,534	141,534	
550	Initial Target Reduction	GDP-PI - X & g impacts	0	0	0
555	Transfer Targeting Revenue	None	0	0	
560	Actual Available Targeting Reduction	Ln 550 + Ln 555 (limited to - Ln 490)	0		
570	Revenue Remaining to Target	Line 490 + Line 560	0		
595	Percentage Reduction in LS	Initial CALLS filing only	0.00%		
600	Specified LS Revenue Reduction	Initial Restructure Only	0		
610	Amount of Calculated LS Reduction	Min(Line 600, Line 570)	0		
620	Final Revenue Remaining to Target	Line 570 - Line 610	0		
700	Required TIC Reduction	No remaining TIC	0		
710	Required Info Surcharge Reduction	No remaining Info Surcharge	0		
715	Residual Amount	Ln 560 - Ln 610 - Ln 700 - Ln 710	0		
720	Minimum Amount for Local Switching	Ln 715 * Exhibit 2.3-5, (Ln 100 / Ln 400)	0		
730	Max. Availa. for Other ATS Ratemaking	Line 715 - Line 720	0		

**Citizens Telecommunications Companies - Group #4**  
CMT Exogenous Cost Change Factor

5/1/08 Letter Filing  
Exhibit 2.4-1

	<u>Quantity</u>	<u>Source / Comments</u>
1 Total exogenous changes (delta Z)	11,802	Exhibit 1.4-1, Line 4
2 Total EUCL Lines	3,085,554	Base Period Demand
3 CMT Exogenous per line	0.003825	Line 1 / Line 2
4 CMT Revenue per Line at time t-1	8.095379	Trans. 175
5 Exogenous Cost Change Factor	1.00047248	1 + (Line 3 / Line 4)
6 CMT Revenue per Line at time t	8.099204	Line 4 * Line 5

**Citizens Telecommunications Companies - Group #4**  
Price Cap Index Calculation

5/1/08 Letter Filing  
Exhibit 2.4-2

		(A) Traffic Sensitive	(B) Trunking	(C) Inter- exchange	(D) Special Access
	Source / Comments				
1	GDP-PI	Not an annual filing	2.6383%	2.6383%	2.6383%
2	Productivity factor (X)	47 CFR 61.45	2.6383%	2.6383%	2.6383%
3	GDP-PI - X	Line 1 - Line 2	0.0000%	0.0000%	0.0000%
4	Existing PCI [ PCI(t-1) ]	Trans. 175	36.4198	47.2388	41.0209
5	Exogenous Changes (delta Z)	Exhibit 1.4-1	\$0	\$0	\$0
6	Revenues (R)	Base Period Demand rated out (Revenues at Last PCI Update)	\$5,067,313	\$1,229,827	\$20,823,771
7	Delta Z / R	Line 5 / Line 6	0.0000	0.0000	0.0000
8	$W = (R + \text{Delta } Z) / R$	(Line 6 + Line 5) / Line 6	1.0000	1.0000	1.0000
9	$W * (\text{GDP-PI} - X)$	Line 8 * Line 3	0.0000	0.0000	0.0000
10	Targeted Revenue Differential		0	0	0
11	Proposed PCI (Non-Exog Only)	Line 4 - or - Line 4 * (1 + Line 3)	36.4198	47.2388	41.0209
12	Proposed PCI	Line 4 * (1 + Line 7 + (Line 10 / Line 6))	<b>36.4198</b>	<b>47.2388</b>	<b>41.0209</b>
13	% Change in PCI	(Line 12 / Line 4) - 1	0.0000%	0.0000%	0.0000%

**Citizens Telecommunications Companies - Group #4**

Calculation of g factor

5/1/08 Letter Filing

Exhibit 2.4-3

	<u>Quantity</u>	<u>Source / Comments</u>
1 Prior Base Period CCL MOU	615,128,943	Prior Base Period Demand
2 Prior Base Period Lines	269,642	Prior Base Period Demand / 12
3 Prior Base Period MOU per Line	2,281	Line 1 / Line 2
4 Base Period CCL MOU	547,067,070	Base Period Demand
5 Base Period Lines	257,130	Base Period Demand / 12
6 Base Period MOU per Line	2,128	Line 4 / Line 5
7 Access Line Change Factor	95.3597%	Line 5 / Line 2
8 g factor	-6.7369%	(Line 6 / Line 3) - 1
9 g factor used for targeting	0.00%	zero if no CCL allowed or no targeting, else Line 8

**Citizens Telecommunications Companies - Group #4**  
Calculation of Transport Minutes for ATS Rate

5/1/08 Letter Filing  
Exhibit 2.4-4

	<u>Quantity</u>	<u>Source / Comments</u>
1 ILEC Only TIC MOU	547,067,070	Base Period Demand
2 Less: MOU on detariffed facilities only	0	Base Period Demand
3 Connecting Co. Tandem MOU	0	Base Period Demand
4 Connecting Co. Direct MOU	0	Line 8 * Line 9
5 Total ILEC Transport MOU	547,067,070	Line 1 - Line 2 + Line 3 + Line 4
6 DS1's Direct to Conn. Co. Offices (PIU'd)	0.00	Base Period Demand in Price Caps
7 DS3's Direct to Conn. Co. Offices (PIU'd)	0.00	Base Period Demand in Price Caps
8 Conn. Co. VG Equiv. Direct Trunks	0	24 * Line 6 + 672 * Line 7
9 Assumed MOU per Direct Trunk	12,782	records

**Citizens Telecommunications Companies - Group #4**  
Calculation of Current ATS Rate and Aggregate Target

5/1/08 Letter Filing  
Exhibit 2.4-5  
Page 1 of 1

		(A) Total	(B) CMT	(C) Traffic Sens.	(D) Trunking
100	Local Switching	Base Period Demand Rated Out		3,506,700	
105	LS Trunk Ports	Base Period Demand Rated Out		1,045,181	
110	Info Surcharge	Base Period Demand Rated Out		2,160	
115	STP Ports	Base Period Demand Rated Out		0	
130	Tandem Switched Transport	Base Period Demand Rated Out			658,874
160	VG Switched Transport	Base Period Demand Rated Out			40,245
220	High Cap & Other Switched Transport	Base Period Demand Rated Out			529,415
400	Total Traffic Sensitive-Related Revenue	Sum of Lines 100..220		4,554,042	1,228,533
410	Switched TS Revenue	Line 400, Col. C			
415	Switched Transport Revenue	Line 400, Col. D			
420	Local Switching MOU	Exhibit 3.4-3, Lines 1..5, Col. A			
430	LEC Transport MOU	Exhibit 2.4-4, Line 5			
440	Switched TS Revenue per MOU	Line 410 / Line 420			
450	Switched Transport Revenue per MOU	Line 415 / Line 430			
460	ATS Revenue per MOU	Line 440 + Line 450			
470	Original Target Avg TS MOU Rate	47 C.F.R 61.3(qq)(3)			
475	ATS Target Met in Prior Filing	Input			
478	Target Avg TS MOU Rate				
480	Amount Above Target	If Line 475 = "Yes" then 0, else Line 460 - Line 470, but max 0			

**Citizens Telecommunications Companies - Group #4**

Calculation of Initial Targeting Amount

5/1/08 Letter Filing

Exhibit 2.4-6

Page 1 of 1

		(A) Total	(B) CMT	(C) Traffic Sens.	(D) Trunking
490	Maximum Revenue to Target	Line 480 * max of Ln 420 or 430, subj. to LS reduction rule	0		
500	GDP-PI	Not an annual filing	2.6383%	2.6383%	2.6383%
510	X	47 CFR 61.45	0.026383	0.026383	0.026383
520	g factor	Exhibit 2.4-3, Line 9	0.00%		
530	CL MOU Revenue, excl. Marketing	Base period Demand rated out	0		
540	R	Base period Demand rated out	32,742,361	26,445,221	5,067,313
					1,229,827
547	Reversal of Prior Yr Pooling Jurisdictions	Exhibit H-1	305,213	305,213	
550	Initial Target Reduction	GDP-PI - X & g impacts	0	0	0
555	Transfer Targeting Revenue	None	0	0	
560	Actual Available Targeting Reduction	Ln 550 + Ln 555 (limited to - Ln 490)	0		
570	Revenue Remaining to Target	Line 490 + Line 560	0		
595	Percentage Reduction in LS	Initial CALLS filing only	0.00%		
600	Specified LS Revenue Reduction	Initial Restructure Only	0		
610	Amount of Calculated LS Reduction	Min(Line 600, Line 570)	0		
620	Final Revenue Remaining to Target	Line 570 - Line 610	0		
700	Required TIC Reduction	No remaining TIC	0		
710	Required Info Surcharge Reduction	No remaining Targeting	0		
715	Residual Amount	Ln 560 - Ln 610 - Ln 700 - Ln 710	0		
720	Minimum Amount for Local Switching	Ln 715 * Exhibit 2.4-5, (Ln 100 / Ln 400)	0		
730	Max. Availa. for Other ATS Ratemaking	Line 715 - Line 720	0		

**Citizens Telecommunications Companies - Group #5**  
CMT Exogenous Cost Change Factor

5/1/08 Letter Filing  
Exhibit 2.5-1

	<u>Quantity</u>	<u>Source / Comments</u>
1 Total exogenous changes (delta Z)	1,290	Exhibit 1.5-1, Line 4
2 Total EUCL Lines	170,329	Base Period Demand
3 CMT Exogenous per line	0.007571	Line 1 / Line 2
4 CMT Revenue per Line at time t-1	8.945453	new
5 Exogenous Cost Change Factor	1.00084636	1 + (Line 3 / Line 4)
6 CMT Revenue per Line at time t	8.953024	Line 4 * Line 5

**Citizens Telecommunications Companies - Group #5**  
Price Cap Index Calculation

5/1/08 Letter Filing  
Exhibit 2.5-2

		(A) Traffic Sensitive	(B) Trunking	(C) Inter- exchange	(D) Special Access
	Source / Comments				
1	GDP-PI	Not an annual filing	2.6383%	2.6383%	2.6383%
2	Productivity factor (X)	47 CFR 61.45	6.5000%	6.5000%	2.6383%
3	GDP-PI - X	Line 1 - Line 2	-3.8617%	-3.8617%	0.0000%
4	Existing PCI [ PCI(t-1) ]	new	100.0000	100.0000	100.0000
5	Exogenous Changes (delta Z)	Exhibit 1.5-1	\$0	\$0	\$0
6	Revenues (R)	Base Period Demand rated out (Revenues at Last PCI Update)	\$135,584	\$60,434	\$213,642
7	Delta Z / R	Line 5 / Line 6	0.0000	0.0000	0.0000
8	$W = (R + \text{Delta } Z) / R$	(Line 6 + Line 5) / Line 6	1.0000	1.0000	1.0000
9	$W * (\text{GDP-PI} - X)$	Line 8 * Line 3	-0.0386	-0.0386	0.0000
10	Targeted Revenue Differential		0	0	0
11	Proposed PCI (Non-Exog Only)	Line 4 - or - Line 4 * (1 + Line 3)	100.0000	100.0000	100.0000
12	Proposed PCI	Line 4 * (1 + Line 7 + (Line 10 / Line 6))	<b>100.0000</b>	<b>100.0000</b>	<b>100.0000</b>
13	% Change in PCI	(Line 12 / Line 4) - 1	0.0000%	0.0000%	0.0000%

**Citizens Telecommunications Companies - Group #5**

Calculation of g factor

5/1/08 Letter Filing

Exhibit 2.5-3

	<u>Quantity</u>	<u>Source / Comments</u>
1 Prior Base Period CCL MOU	33,170,423	Prior Base Period Demand
2 Prior Base Period Lines	13,941	Prior Base Period Demand / 12
3 Prior Base Period MOU per Line	2,379	Line 1 / Line 2
4 Base Period CCL MOU	26,251,334	Base Period Demand
5 Base Period Lines	14,194	Base Period Demand / 12
6 Base Period MOU per Line	1,849	Line 4 / Line 5
7 Access Line Change Factor	101.8166%	Line 5 / Line 2
8 g factor	-22.2712%	(Line 6 / Line 3) - 1
9 g factor used for targeting	-22.27%	zero if no CCL allowed or no targeting, else Line 8

**Citizens Telecommunications Companies - Group #5**  
Calculation of Transport Minutes for ATS Rate

5/1/08 Letter Filing  
Exhibit 2.5-4

	<u>Quantity</u>	<u>Source / Comments</u>
1 ILEC Only TIC MOU	26,251,334	Base Period Demand
2 Less: MOU on detariffed facilities only	0	Base Period Demand
3 Connecting Co. Tandem MOU	0	Base Period Demand
4 Connecting Co. Direct MOU	0	Line 8 * Line 9
5 Total ILEC Transport MOU	26,251,334	Line 1 - Line 2 + Line 3 + Line 4
6 DS1's Direct to Conn. Co. Offices (PIU'd)	0.00	Base Period Demand in Price Caps
7 DS3's Direct to Conn. Co. Offices (PIU'd)	0.00	Base Period Demand in Price Caps
8 Conn. Co. VG Equiv. Direct Trunks	0	24 * Line 6 + 672 * Line 7
9 Assumed MOU per Direct Trunk	3,038	Records

**Citizens Telecommunications Companies - Group #5**  
Calculation of Current ATS Rate and Aggregate Target

5/1/08 Letter Filing  
Exhibit 2.5-5  
Page 1 of 1

		(A) Total	(B) CMT	(C) Traffic Sens.	(D) Trunking
100	Local Switching	Base Period Demand Rated Out		68,300	
105	LS Trunk Ports	Base Period Demand Rated Out		32,995	
110	Info Surcharge	Base Period Demand Rated Out		0	
115	STP Ports	Base Period Demand Rated Out		0	
130	Tandem Switched Transport	Base Period Demand Rated Out			50,782
160	VG Switched Transport	Base Period Demand Rated Out			0
220	High Cap & Other Switched Transport	Base Period Demand Rated Out			9,652
400	Total Traffic Sensitive-Related Revenue	Sum of Lines 100..220		101,296	60,434
410	Switched TS Revenue	Line 400, Col. C			
415	Switched Transport Revenue	Line 400, Col. D			
420	Local Switching MOU	Exhibit 3.5-3, Lines 1..5, Col. A			
430	LEC Transport MOU	Exhibit 2.5-4, Line 5			
440	Switched TS Revenue per MOU	Line 410 / Line 420			
450	Switched Transport Revenue per MOU	Line 415 / Line 430			
460	ATS Revenue per MOU	Line 440 + Line 450			
470	Original Target Avg TS MOU Rate	47 C.F.R 61.3(qq)(3)			
475	ATS Target Met in Prior Filing	Input			
478	Target Avg TS MOU Rate				
480	Amount Above Target	If Line 475 = "Yes" then 0, else Line 460 - Line 470, but max 0			

**Citizens Telecommunications Companies - Group #5**

Calculation of Initial Targeting Amount

5/1/08 Letter Filing

Exhibit 2.5-6

Page 1 of 1

		(A) Total	(B) CMT	(C) Traffic Sens.	(D) Trunking
490	Maximum Revenue to Target	Line 480 * max of Ln 420 or 430, subj. to LS reduction rule	0		
500	GDP-PI	Not an annual filing	2.6383%	2.6383%	2.6383%
510	X	47 CFR 61.45	0.065000	0.065000	0.065000
520	g factor	Exhibit 2.5-3, Line 9	-22.2712%		
530	CL MOU Revenue, excl. Marketing	Base period Demand rated out	0		
540	R	Base period Demand rated out	1,372,817	1,176,799	135,584
					60,434
547	Reversal of Prior Yr Pooling Jurisdictions	Exhibit H-1	0	0	
550	Initial Target Reduction	GDP-PI - X & g impacts	(53,014)	(45,444)	(5,236)
555	Transfer Targeting Revenue	None	0	0	(2,334)
560	Actual Available Targeting Reduction	Ln 550 + Ln 555 (limited to - Ln 490)	0		
570	Revenue Remaining to Target	Line 490 + Line 560	0		
595	Percentage Reduction in LS	Initial CALLS filing only	0.00%		
600	Specified LS Revenue Reduction	Initial Restructure Only	0		
610	Amount of Calculated LS Reduction	Min(Line 600, Line 570)	0		
620	Final Revenue Remaining to Target	Line 570 - Line 610	0		
700	Required TIC Reduction	No remaining TIC	0		
710	Required Info Surcharge Reduction	No remaining Info Surcharge	0		
715	Residual Amount	Ln 560 - Ln 610 - Ln 700 - Ln 710	0		
720	Minimum Amount for Local Switching	Ln 715 * Exhibit 2.5-5, (Ln 100 / Ln 400)	0		
730	Max. Availa. for Other ATS Ratemaking	Line 715 - Line 720	0		

**Citizens Telecommunications Companies - Group #1**  
TRP Form IND-1 Source References

5/1/08 Letter Filing  
Exhibit 3.1-1  
Page 1 of 1

	EXISTING API (F)	EXISTING SBI (G)	EXISTING SBI LIMIT (H)	6/30/2007 PCI (I)	6/30/2007 SBI (J)
<b><u>Common Line Basket</u></b>					
100 Total Common Line	N/A	N/A	N/A	N/A	N/A
<b><u>Traffic Sensitive Basket</u></b>					
200 Local Switching	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
220 Database Access	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
230 800 DB VertSvcs Sub-Cat	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
240 Billing Name and Address	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
250 Local Switching Trunk Ports	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
260 STP Port Terminations	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
299 Total Traffic Sensitive	Trans. 175	N/A	N/A	Trans. 175	N/A
<b><u>Trunking Basket</u></b>					
310 Tandem Switched Transport	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
320 VoiceGrade - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
340 High Cap & Other - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
350 DS-1 SubCat - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
360 DS-3 SubCat - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
499 Total Trunking	Trans. 175	N/A	N/A	Trans. 175	N/A
<b><u>Special Access Basket</u></b>					
720 VG/WATS, Met, Tgh - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
730 Audio & Video	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
740 High Cap & DDS - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
750 DS-1 SubCat - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
760 DS-3 SubCat - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
899 Total Special Access	Trans. 175	N/A	N/A	Trans. 175	N/A

**Citizens Telecommunications Companies - Group #2**  
TRP Form IND-1 Source References

5/1/08 Letter Filing  
Exhibit 3.2-1  
Page 1 of 1

	EXISTING API (F)	EXISTING SBI (G)	EXISTING SBI LIMIT (H)	6/30/2007 PCI (I)	6/30/2007 SBI (J)
<b><u>Common Line Basket</u></b>					
100 Total Common Line	N/A	N/A	N/A	N/A	N/A
<b><u>Traffic Sensitive Basket</u></b>					
200 Local Switching	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
220 Database Access	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
230 800 DB VertSvcs Sub-Cat	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
240 Billing Name and Address	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
250 Local Switching Trunk Ports	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
260 STP Port Terminations	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
299 Total Traffic Sensitive	Trans. 175	N/A	N/A	Trans. 175	N/A
<b><u>Trunking Basket</u></b>					
310 Tandem Switched Transport	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
320 VoiceGrade - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
340 High Cap & Other - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
350 DS-1 SubCat - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
360 DS-3 SubCat - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
499 Total Trunking	Trans. 175	N/A	N/A	Trans. 175	N/A
<b><u>Special Access Basket</u></b>					
720 VG/WATS, Met, Tgh - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
730 Audio & Video	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
740 High Cap & DDS - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
750 DS-1 SubCat - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
760 DS-3 SubCat - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
899 Total Special Access	Trans. 175	N/A	N/A	Trans. 175	N/A

**Citizens Telecommunications Companies - Group #3**  
TRP Form IND-1 Source References

5/1/08 Letter Filing  
Exhibit 3.3-1  
Page 1 of 1

	EXISTING API (F)	EXISTING SBI (G)	EXISTING SBI LIMIT (H)	6/30/2007 PCI (I)	6/30/2007 SBI (J)
<b><u>Common Line Basket</u></b>					
100 Total Common Line	N/A	N/A	N/A	N/A	N/A
<b><u>Traffic Sensitive Basket</u></b>					
200 Local Switching	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
220 Database Access	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
230 800 DB VertSvcs Sub-Cat	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
240 Billing Name and Address	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
250 Local Switching Trunk Ports	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
260 STP Port Terminations	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
299 Total Traffic Sensitive	Trans. 175	N/A	N/A	Trans. 175	N/A
<b><u>Trunking Basket</u></b>					
310 Tandem Switched Transport	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
320 VoiceGrade - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
340 High Cap & Other - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
350 DS-1 SubCat - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
360 DS-3 SubCat - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
499 Total Trunking	Trans. 175	N/A	N/A	Trans. 175	N/A
<b><u>Special Access Basket</u></b>					
720 VG/WATS, Met, Tgh - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
730 Audio & Video	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
740 High Cap & DDS - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
750 DS-1 SubCat - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
760 DS-3 SubCat - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
899 Total Special Access	Trans. 175	N/A	N/A	Trans. 175	N/A

**Citizens Telecommunications Companies - Group #4**  
TRP Form IND-1 Source References

5/1/08 Letter Filing  
Exhibit 3.4-1  
Page 1 of 1

	EXISTING API (F)	EXISTING SBI (G)	EXISTING SBI LIMIT (H)	6/30/2007 PCI (I)	6/30/2007 SBI (J)
<b><u>Common Line Basket</u></b>					
100 Total Common Line	N/A	N/A	N/A	N/A	N/A
<b><u>Traffic Sensitive Basket</u></b>					
200 Local Switching	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
220 Database Access	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
230 800 DB VertSvcs Sub-Cat	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
240 Billing Name and Address	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
250 Local Switching Trunk Ports	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
260 STP Port Terminations	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
299 Total Traffic Sensitive	Trans. 175	N/A	N/A	Trans. 175	N/A
<b><u>Trunking Basket</u></b>					
310 Tandem Switched Transport	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
320 VoiceGrade - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
340 High Cap & Other - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
350 DS-1 SubCat - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
360 DS-3 SubCat - Switched	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
499 Total Trunking	Trans. 175	N/A	N/A	Trans. 175	N/A
<b><u>Special Access Basket</u></b>					
720 VG/WATS, Met, Tgh - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
730 Audio & Video	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
740 High Cap & DDS - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
750 DS-1 SubCat - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
760 DS-3 SubCat - Special	N/A	Trans. 175	Trans. 175	N/A	Trans. 175
899 Total Special Access	Trans. 175	N/A	N/A	Trans. 175	N/A

**Citizens Telecommunications Companies - Group #5**  
TRP Form IND-1 Source References

5/1/08 Letter Filing  
Exhibit 3.5-1  
Page 1 of 1

	EXISTING API (F)	EXISTING SBI (G)	EXISTING SBI LIMIT (H)	6/30/2007 PCI (I)	6/30/2007 SBI (J)
<b><u>Common Line Basket</u></b>					
100 Total Common Line	N/A	N/A	N/A	N/A	N/A
<b><u>Traffic Sensitive Basket</u></b>					
200 Local Switching	N/A	new	new	N/A	new
220 Database Access	N/A	new	new	N/A	new
230 800 DB VertSvcs Sub-Cat	N/A	new	new	N/A	new
240 Billing Name and Address	N/A	new	new	N/A	new
250 Local Switching Trunk Ports	N/A	new	new	N/A	new
260 STP Port Terminations	N/A	new	new	N/A	new
299 Total Traffic Sensitive	new	N/A	N/A	new	N/A
<b><u>Trunking Basket</u></b>					
310 Tandem Switched Transport	N/A	new	new	N/A	new
320 VoiceGrade - Switched	N/A	new	new	N/A	new
340 High Cap & Other - Switched	N/A	new	new	N/A	new
350 DS-1 SubCat - Switched	N/A	new	new	N/A	new
360 DS-3 SubCat - Switched	N/A	new	new	N/A	new
499 Total Trunking	new	N/A	N/A	new	N/A
<b><u>Special Access Basket</u></b>					
720 VG/WATS, Met, Tgh - Special	N/A	new	new	N/A	new
730 Audio & Video	N/A	new	new	N/A	new
740 High Cap & DDS - Special	N/A	new	new	N/A	new
750 DS-1 SubCat - Special	N/A	new	new	N/A	new
760 DS-3 SubCat - Special	N/A	new	new	N/A	new
899 Total Special Access	new	N/A	N/A	new	N/A

## **Services Outside of Price Cap**

**Company Name: Citizens Telecommunications Companies**

**Filing Date: 05/01/08**

### **Rate Element Detail**

#### **Special Construction/ICBs**

Special Construction Charge--NonRecurring

#### **Collocation/Interconnection**

EIS - Physical Collocation - Recurring and NonRecurring  
Switched Access Cross Connect

#### **Packet Services**

Frame Relay - Recurring & NonRecurring  
ADSL - Recurring & NonRecurring  
DSL Interface Access Service - Recurring & Nonrecurring  
IDAS - Recurring & NonRecurring  
DIAS - Recurring & NonRecurring

#### **Switched Access Elements**

#### **Special Access Elements**

#### **End User Charges**

Local Number Portability End User Charge - Recurring  
End User Presubscription - NonRecurring (PIC Change Charge)  
Federal USF End User Surcharge - Percentage Surcharge

#### **Gov't Services**

#### **Miscellaneous/Other**

Grandfathered Services -Recurring

### **Tariff Section**

FCC #1 10.2.8(C)

FCC #1 20.1.9, 20.2.9, 20.3.9, 20.4.9  
FCC #1 20.1.4

FCC #1 20.1.15, 20.2.10, 20.4.10  
FCC #1 20.1.13, 20.2.12, 20.3.10, 20.4.12  
FCC #1 20.1.16, 20.2.13, 20.3.11, 20.4.14  
FCC #1 20.1.11, 20.2.11, 20.4.11  
FCC #1 20.4.13

FCC #1 20.1.2.3(b), 20.2.2.3(b), 20.4.2.3(b)  
FCC #1 20.1.7, 20.2.7, 20.3.7, 20.4.7  
FCC #1 20.1.2.1.1, 20.2.2.1.1, 20.3.2.1.1, 20.4.2.1.1

FCC #1 18.2

**Citizens Telecommunications Companies**  
COSAs: CTC1, CTC2, CTC3, CTC4

5/1/08 Letter Filing  
Exhibit 4-2

## Services Outside of Price Cap

**Company Name:** Citizens Telecommunications Companies

**Filing Date:** 04/30/04

Rate Element Detail	Tariff Section	Order Allowing Removal
<u>Service that were in PC and have been removed</u>		
<u>Interexchange services</u>		
Interstate IntraLATA toll	FCC #5 (all sections)	FCC 99-206 Fifth Report and Order and Further Notice of Proposed Rulemaking ( Pricing Flexibility Order )
<u>Trunking</u>		
Citizens has no Trunking services removed from Price Caps.		
<u>Special Access</u>		
Citizens has no Special Access services removed from Price Caps.		

**Citizens Telecommunications Companies - Group #5**  
Global Valley 2007 Revenue Requirement

5/1/08 Letter Filing  
Exhibit GVN-1  
Page 1 of 1

	<u>Source / Comments</u>	<u>Quantity</u>
1 BFP Loop-Based Revenue Requirement	2007 Part 69 Cost Study	1,597,485
2 Federal Universal Service Support	records	138,864
3 2007 ICLS	waiver pending	0
4 NTS Port Costs from Local Switching	Line 10	55,716
5 69.156 Marketing Costs for CMT	Line 13 + Line 16 + Line 19	9,333
6 BFP RRQ for Ratemaking	Ln 1 - Ln 2 - Ln 3 + Ln 4 + Ln 5	1,523,670
7 Local Switching Revenue Gross RRQ	2007 Part 69 Cost Study	565,321
8 Local Switching Support	2007 Pt 69 LSS Algorithm	379,600
9 Local Switching RRQ excluding LSS	Line 7 - Line 8	185,721
10 NTS Port Costs for Common Line	Line 9 * 30%	55,716
11 Marketing Costs in Local Switching	2007 Part 69 Cost Study detail	12,089
12 NTS Port Marketing Costs	Line 11 * 30%	3,627
13 Marketing Costs to Shift to CMT	Line 11 - Line 12	8,462
14 Local Switching RRQ for Ratemaking	Line 9 - Line 10 - Line 13	121,543
15 Information Surcharge RRQ	2007 Part 69 Cost Study	14,041
16 Marketing Costs to Shift to CMT	2007 Part 69 Cost Study detail	0
17 Information Surch. RRQ for Ratemaking	Line 15 - Line 16	14,041
18 Switched Transport RRQ	2007 Part 69 Cost Study	61,305
19 Marketing Costs to Shift to CMT	2007 Part 69 Cost Study detail	871
20 Switched Transport RRQ for Ratemaking	Line 18 - Line 19	60,434
21 Total Switched Access RRQ	Line 14 + Line 17 + Line 20	196,018
22 Special Access Revenue Requirement	2007 Part 69 Cost Study	459,674
23 DSL Revenue Requirement	Exhibit GVN-DSL	246,031
24 Special Access RRQ for Ratemaking	Line 22 - Line 23	213,643
25 Billing and Collection RRQ	2007 Part 69 Cost Study	187,852
26 LSS + Univ Svc Support + ICLS	Line 8 + Line 2 + Line 3	518,464
27 Total Interstate RRQ	Ln 6 + Ln 21 + Ln 22 + Ln 25 + Ln 26	2,885,678

**Citizens Telecommunications Companies - Group #5**  
Development of Initial CMT per Line and Switched Access Rates

5/1/08 Letter Filing  
Exhibit GVN-2  
Page 1 of 1

	<u>Source / Comments</u>	<u>Quantity</u>
1 BFP Revenue Requirement	Exhibit GVN-1, Line 6	1,523,670
2 Total Access Lines for 12 Months	Historical Demand Quantities	170,329
3 BFP RRQ per Line, 2007	Line 1 / Line 2	8.945453
4 Initial CMT per Line for Price Cap Filing	Line 3	8.945453

**Global Valley Network, Inc.**  
**DSL Cost Allocation for Special Access Ratemaking**  
**Part 69 Allocation Basis**

5/1/08 Letter Filing  
Exhibit GVN-DSL

**Part 69**  
**2007 GVNI**

<b>Exchange Line Wideband Investment:</b>		4.11 DSL	4.11 InterSt Wideband	4.11 Total
Central Office Equipment Cat. 4.11 - DSL Only	752,216	752,216	67,297	819,513
Cable & Wire Facilities Cat. 2.1	0			
General Support - DSL Allocation	211,659			
Total DSL Investment	963,875			

<b>Plant in Service:</b>	Special Access
General Support investment	428,826
Total COE-SW investment	0
Total COE-TR investment	883,998
Total COE investment	883,998
IOT investment	0
CWF investment	640,006
Tangible assets	0
Intangible assets	191
Total	1,953,021

<b>Big Three Expense Factor:</b>	Special Access	DSL Only	DSL %
Network Support Expense	74	37	
General Support Expense	8,607	4,248	
COE-Switching Expense	0	0	
COE-Transmission Expense	24,426	20,785	
IOT Expense	0	0	
CWF Expense	20,491	0	
Other PP&E Expense	320	158	
Network Operations Expense	20,740	10,237	
Access Charge Expense (Universal Service Contribution)	0	0	
Marketing Expense	6,672	3,293	
Services Expense	16,834	8,309	
Total	98,164	47,066	0.479466

Interstate Special Access Revenue Requirement	459,674
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Global Valley Network, Inc.  
DSL Cost Allocation for Special Access Ratemaking  
Part 69 Allocation Basis

5/1/08 Letter Filing  
Exhibit GVN-DSL

Part 69 Overhead Costs:

		Part 69 Interstate Special Access			
Account	Account Description	Allocation Basis	SP Access	Allocation Factor	DSL Allocation
<b>Investment Accounts</b>					
2110	General Support Facilities Investment	COE + IOT + CWF Investment	428,826	0.493579	211,659
2690	Intangibles	Plnt in Svc Excl Tang & Intang	191	0.493579	94
2002	Plant Held for Future Use	Total Plnt in Svc	0	0.493579	0
2003	Plant Under Construction	Total Plnt in Svc	33,270	0.493579	16,421
2005	Telephone Plant Adjustment	Total Plnt in Svc	0	0.493579	0
1220	Material and Supplies	Total Plnt in Svc	5,733	0.493579	2,830
1402	RTB Stock	Total Plnt in Svc	0	0.493579	0
	Cash Working Capital	Total Plnt in Svc	23,562	0.493579	11,630
<b>Reserve Accounts</b>					
3100-3600	Depreciation Reserve - General Support	General support Investment	285,183	0.493579	140,760
	Depreciation Reserve - COE Transmission	COE-Transmission Investment	618,452	0.850925	526,256
	Depreciation Reserve - Cable & Wire Facilities	CWF Investment	562,839	0.000000	0
	Accumulated Amortization - Tangibles	Total Plnt in Svc	0	0.493579	0
a	Accumulated Amortization - Intangibles	Total Plnt in Svc	141	0.493579	70
4040	Customer Deposits	Total Plnt in Svc	44	0.493579	22
4310	Other Long Term Liabilities	Total Plnt in Svc	0	0.493579	0
4340	Net Noncurrent Deferred Oper. Inc. Taxes	Total Plnt in Svc	(12,093)	0.493579	(5,969)
<b>Expense Accounts</b>					
6110	Network Support Expense	Plnt in Svc Excl Tang & Intang	74	0.493579	37
6120	General Support Expense	General Support Investment	8,607	0.493579	4,248
6210	COE-Switching Expense	COE-SW Investment	0	0.000000	0
6230	COE-Transmission Expense	COE-TR Investment	24,426	0.850925	20,785
6410	Cable & Wire Facilities Expense	CWF Investment	20,491	0.000000	0
6510	Other Property, Plant & Equip. Expense	COE + IOT + CWF Investment	320	0.493579	158
6530	Network Operations Expense	COE + IOT + CWF Investment	20,740	0.493579	10,237
6560-6565	Depreciation Expense - General Support	General Support Investment	29,338	0.493579	14,481
	Depreciation Expense - COE-Transmission	COE-Transmission Investment	106,371	0.850925	90,514
	Depreciation Expense - Cable & Wire Facilities	CWF Investment	47,049	0.000000	0
	Amortization Expense - Tangibles	Total Plnt in Svc	0	0.493579	0
	Amortization Expense - Intangibles	Total Plnt in Svc	106	0.493579	52
	Amortization Expense - Tel. Plant Adjustment	Total Plnt in Svc	0	0.493579	0
6610	Marketing Expense	Total Plnt in Svc	6,672	0.493579	3,293

Global Valley Network, Inc.  
**DSL Cost Allocation for Special Access Ratemaking**  
**Part 69 Allocation Basis**

5/1/08 Letter Filing  
Exhibit GVN-DSL

6620	Customer Operations Expense	Total PInt in Svc	16,834	0.493579	8,309
6720	Corporate Operations - G & A Expense	Big Three Expense Factor	57,439	0.479466	27,540
<b>Other Income Accounts</b>					
7240	Taxes	Total PInt in Svc	6,523	0.493579	3,220
7340	AFUDC	Total PInt in Svc	13	0.493579	6
7370	Special Charges	Total PInt in Svc	0	0.493579	0
7500	Interest & Related Charges	Total PInt in Svc	0	0.493579	0
<b>Miscellaneous</b>					
	Rent Revenue - General Support	General Support Investment	179	0.493579	88
	Rent Revenue - Central Office Equipment	Total COE Investment	0	0.850925	0
	Rent Revenue - Cable and Wire Facilities	CWF Investment	114	0.000000	0
	Rent Revenue - Undistributed	Total PInt in Svc	0	0.493579	0
	Amortization of ITC	Total PInt in Svc	0	0.493579	0
	Other Income Adjustments	Big Three Expense Factor	307	0.479466	147
	MAG Impact - Allocation of TIC Revenues	DSL Rev. Req./ SA Rev. Req.	0	0.535229	0

**DSL Revenue Requirement Calculation:**

Net Investment	333,711
Rate of Return	11.25%
Return on Investment	37,543
AFUDC	6
Net Return on Investment	37,536
Operating Expenses and Taxes	182,784
Federal Income Taxes	20,132
State Income Taxes	5,578
<b>DSL Revenue Requirement</b>	<b>246,031</b>

**Income Tax Calculation:**

FIT Base	
Net Return	37,536
Other Income Adjustments	147
Fixed Charges	0
Amortization of ITC	0
FIT Base	37,389
FIT Factor (FIT rate / (1-FIT Rate))	0.538462
Federal Income Tax Expense	20,132
SIT Base (FIT Base + FIT Expense)	57,521
SIT Factor (SIT Rate / (1-SIT Rate))	0.096972
State Income Tax Expense	5,578

SIT Rate: 8.84%

**Citizens and Frontier Telephone Companies\***  
7/08 Local Switching to Common Line Pooling Calculations

Letter Filing 5/1/08  
Exhibit H-1  
Page 1 of 1

	2007 Access Lines	LS Shift to CL		ShortFall Reversal / Line	ShortFall Reversal
		Rev / Line	Revenue		
	CAP-1 R 130	See Source Notes		See Source Notes	TGT-2 R 547
	(A)	(B)	(C)=A*B	(D)	(E)=A*D
1 Citizens Rate Group 1 (CTC1)	9,411,640	\$0.6094	\$5,735,406	\$0.3045	\$2,865,881
2 Citizens Rate Group 2 (CTC2)	1,621,203	\$1.1435	\$1,853,825	\$0.7542	\$1,222,637
3 Citizens Rate Group 3 (CTC3)	207,193	\$1.7984	\$372,626	\$0.6831	\$141,534
4 Citizens Rate Group 4 (CTC4)	3,085,554	\$0.5332	\$1,645,335	\$0.0989	\$305,213
5 Citizens Rate Group 5 (CTC5)	170,329	\$0.0000	\$0	\$0.0000	\$0
8 Frontier Tier 2 Companies (RTCS)	2,663,030	\$1.1362	\$3,025,825	(\$0.1112)	(\$296,006)
6 Frontier Telephone of Rochester (RTNY)	4,002,897	\$0.0976	\$390,512	(\$1.2028)	(\$4,814,847)
7 Frontier Communications of MN & IA (VITC)	1,954,010	\$1.3454	\$2,628,912	\$0.3575	\$698,602
9 Total	23,115,856		\$15,652,441		\$123,014

\* Includes Citizens Telecommunications Companies Tariff FCC No. 1, Frontier Telephone of Rochester Tariff FCC No. 1,  
and Frontier Communications of Minnesota and Iowa Tariff FCC No. 1.

Note: All TRP source references on this page refer to the current TRP.

Source notes:

Source for Column B is Citizens Telecommunications Companies Amended Trans. 119, Exhibit H-1, Column D.

Source for Column D is Citizens Telecommunications Companies Trans. 175, Exhibit H-1, Column Q.

**Citizens and Frontier Telephone Companies\***  
7/08 Local Switching to Common Line Pooling Calculations

Letter Filing 5/1/08  
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		MLB SLC			MLB PICC		
		Allowable CAP-1 R 630 or CAP-2 R 520	Rev @ Nom. CAP  CAP-1 R 120*9.20	Difference	Allowable  CAP-1 R 860	Rev @ Nom. CAP CAP-1 R(200+ 210/9+220)*4. 31	Difference
		(F)	(G)	(H)=G-F	(I)	(J)	(K) = (J) - (I)
1	Citizens Rate Group 1 (CTC1)	\$20,096,324	\$20,096,324	\$0	\$2,895,405	\$6,289,128	\$3,393,723
2	Citizens Rate Group 2 (CTC2)	\$3,711,400	\$3,711,400	\$0	\$1,207,662	\$1,207,662	\$0
3	Citizens Rate Group 3 (CTC3)	\$129,967	\$285,568	\$155,601	\$0	\$116,160	\$116,160
4	Citizens Rate Group 4 (CTC4)	\$5,397,094	\$5,666,630	\$269,536	\$1,110,381	\$2,285,216	\$1,174,835
5	Citizens Rate Group 5 (CTC5)	\$281,635	\$289,404	\$7,769	\$119,078	\$119,078	\$0
8	Frontier Tier 2 Companies (RTCS)	\$4,230,578	\$5,701,599	\$1,471,020	\$0	\$2,054,041	\$2,054,041
6	Frontier Telephone of Rochester (RTNY)	\$3,819,651	\$7,435,569	\$3,615,917	\$0	\$2,384,240	\$2,384,240
7	Frontier Communications of MN & IA (VITC)	\$3,562,987	\$4,518,341	\$955,354	\$705,385	\$1,683,001	\$977,616
9	Total	\$41,229,637	\$47,704,834	\$6,475,197	\$6,037,911	\$16,138,525	\$10,100,614
				\$15,652,441			

Use SLC & PICC Headroom

\* Includes Citizens Telecommunications Companies Tariff FCC No. 1, Frontier Telephone of Rochester Tariff FCC No. 1,  
and Frontier Communications of Minnesota and Iowa Tariff FCC No. 1.

Note: All TRP source references on this page refer to the current TRP.