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| Filing Date: |
| Filing Entity: |
| Transmittal Number: |
| COSA(s): |

6/17/2019
Windstream - Tariff FCC No. 6
101

IND
Index Tariff Reference

ALNC, ALPA, ALWR, COKY, GTKY, ITTC, LTNE, VANM, VANN, VAOK, VATX, VCTX, WSAL, WSAR, WSCT, WSFL, WSGP, WSKR, WSKY, WSLD, WSLX, WSMO, WSMS, WSNY, WSOH, WSOP, WSSB, WSSC, WSSL, WSST, WSTX

| IND-1 Row # | Basket / Category | Existing PCI | Existing API | Existing SBI | 6/30/2019 PCI | 6/30/2019 SBI |
|----------------|-----------------------------|--------------|--------------|--------------|---------------|---------------|
| 720 | VG/WATS, Met, Tgh - Special | N/A | N/A | 98 | N/A | 98 |
| 730 | Audio & Video | N/A | N/A | 98 | N/A | 98 |
| 740 | High Cap & DDS - Special | N/A | N/A | 98 | N/A | 98 |
| 750 | DS-1 SubCat - Special | N/A | N/A | 98 | N/A | 98 |
| 751 | DS1 Spec Density Zone 1 | N/A | N/A | 98 | N/A | 98 |
| 752 | DS1 Spec Density Zone 2 | N/A | N/A | 98 | N/A | 98 |
| 753 | DS1 Spec Density Zone 3 | N/A | N/A | 98 | N/A | 98 |
| 754 | DS1 Spec Density Zone 4 | N/A | N/A | 98 | N/A | 98 |
| 755 | DS1 Spec Density Zone 5 | N/A | N/A | 98 | N/A | 98 |
| 760 | DS-3 SubCat - Special | N/A | N/A | 98 | N/A | 98 |
| 761 | DS3 Spec Density Zone 1 | N/A | N/A | 98 | N/A | 98 |
| 762 | DS3 Spec Density Zone 2 | N/A | N/A | 98 | N/A | 98 |
| 763 | DS3 Spec Density Zone 3 | N/A | N/A | 98 | N/A | 98 |
| 764 | DS3 Spec Density Zone 4 | N/A | N/A | 98 | N/A | 98 |
| 765 | DS3 Spec Density Zone 5 | N/A | N/A | 98 | N/A | 98 |
| 790 | Wideband | N/A | N/A | 98 | N/A | 98 |
| 899 | Total Special Access | 98 | 98 | N/A | 98 | N/A |





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ALNC, ALPA, ALWR, COKY, GTKY, ITTC, LTNE, VANM, VANN, VAOK, VATX, VCTX, WSAL, WSAR, WSCT, WSFL, WSGP, WSKR, WSKY, WSLD, WSLX, WSMO, WSMS, WSNY, WSOH, WSOP, WSSB, WSSC, WSSL, WSTT, WSTX

PCI

PCI Development Exhibit

| Line # | Description | Source | Special Access | Special Access | Special Access | Special Access | Special Access | Special Access |
|--------|---------------------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | ALNC | ALPA | ALWR | COKY | GTKY | ITTC |
| 1 | Base Period Revenue | R Company Records | \$ - | \$ 810,056 | \$ 40,016 | \$ 3,579,247 | \$ 2,144,923 | \$ 886,918 |
| 2 | Exogenous Changes | Z EXG-1 | \$ - | \$ 5 | \$ 0 | \$ 10 | \$ 14 | \$ 10 |
| 3 | Exogenous Adjustment | Z / R Ln2 / Ln1 | - | 0.000006 | 0.000002 | 0.000003 | 0.000007 | 0.000011 |
| 4 | Exogenous Adjustment Factor | W 1 + Ln3 | 1.000000 | 1.000006 | 1.000002 | 1.000003 | 1.000007 | 1.000011 |
| 5 | GDP-PI Chain Weighted - 4Q 2016 | GDP_PI(T-2) BEA, NIPA Table 1.1.4 | 111.1 | 111.1 | 111.1 | 111.1 | 111.1 | 111.1 |
| 6 | GDP-PI Chain Weighted - 4Q 2017 | GDP_PI(T-1) BEA, NIPA Table 1.1.4 | 108.8 | 108.8 | 108.8 | 108.8 | 108.8 | 108.8 |
| 7 | Percentage Change in GDP-PI | GDP-PI (Ln5 / Ln 6) - 1 | 2.1140% | 2.1140% | 2.1140% | 2.1140% | 2.1140% | 2.1140% |
| 8 | Productivity Factor | X FCC Order | 2.0000% | 2.0000% | 2.0000% | 2.0000% | 2.0000% | 2.0000% |
| 9 | Price Cap Adjustment | (GDP-PI - X) Ln7 - Ln8 | 0.1140% | 0.1140% | 0.1140% | 0.1140% | 0.1140% | 0.1140% |
| 10 | Existing PCI | PCI(T-1) Company Records | 100.5761 | 99.9898 | 99.7937 | 49.9167 | 47.1285 | 46.0593 |
| 11 | Proposed PCI with (GDP-PI - X) | Ln10 * (1 + Ln9) | 100.6908 | 100.1037 | 99.9075 | 49.9736 | 47.1822 | 46.1118 |
| 12 | Proposed PCI | PCI Ln10 * (1+Ln3+(Ln4*Ln9)) | 100.5761 | 100.1043 | 99.9077 | 49.9737 | 47.1825 | 46.1123 |

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|----|---------------------------------|-----------------------------------|-----------|----------|------------|------------|--------------|--------------|
| | | | LTNE | VANM | VANN | VAOK | VATX | VCTX |
| 1 | Base Period Revenue | R Company Records | \$ 88,059 | \$ - | \$ 146,278 | \$ 810,491 | \$ 3,220,176 | \$ 2,580,102 |
| 2 | Exogenous Changes | Z EXG-1 | \$ 0 | \$ - | \$ 1 | \$ 4 | \$ 6 | \$ 8 |
| 3 | Exogenous Adjustment | Z / R Ln2 / Ln1 | 0.000002 | - | 0.000004 | 0.000004 | 0.000002 | 0.000003 |
| 4 | Exogenous Adjustment Factor | W 1 + Ln3 | 1.000002 | 1.000000 | 1.000004 | 1.000004 | 1.000002 | 1.000003 |
| 5 | GDP-PI Chain Weighted - 4Q 2016 | GDP_PI(T-2) BEA, NIPA Table 1.1.4 | 111.1 | 111.1 | 111.1 | 111.1 | 111.1 | 111.1 |
| 6 | GDP-PI Chain Weighted - 4Q 2017 | GDP_PI(T-1) BEA, NIPA Table 1.1.4 | 108.8 | 108.8 | 108.8 | 108.8 | 108.8 | 108.8 |
| 7 | Percentage Change in GDP-PI | GDP-PI (Ln5 / Ln 6) - 1 | 2.1140% | 2.1140% | 2.1140% | 2.1140% | 2.1140% | 2.1140% |
| 8 | Productivity Factor | X FCC Order | 2.0000% | 2.0000% | 2.0000% | 2.0000% | 2.0000% | 2.0000% |
| 9 | Price Cap Adjustment | (GDP-PI - X) Ln7 - Ln8 | 0.1140% | 0.1140% | 0.1140% | 0.1140% | 0.1140% | 0.1140% |
| 10 | Existing PCI | PCI(T-1) Company Records | 55.5531 | 49.2326 | 51.7689 | 37.9426 | 46.9190 | 42.4134 |
| 11 | Proposed PCI with (GDP-PI - X) | Ln10 * (1 + Ln9) | 55.6165 | 49.2887 | 51.8279 | 37.9859 | 46.9725 | 42.4617 |
| 12 | Proposed PCI | PCI Ln10 * (1+Ln3+(Ln4*Ln9)) | 55.6166 | 49.2326 | 51.8281 | 37.9860 | 46.9726 | 42.4618 |





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ALNC, ALPA, ALWR, COKY, GTKY, ITTC, LTNE, VANM, VANN, VAOK, VATX, VCTX, WSAL, WSAR, WSCT, WSFL, WSGP, WSKR, WSKY, WSLD, WSLX, WSMO, WSMS, WSNY, WSOH, WSOP, WSSB, WSSC, WSSL, WSTT, WSTX

PCI
PCI Development Exhibit

| Line # | Description | Source | Special Access | Special Access | Special Access | Special Access | Special Access | Special Access |
|--------|---------------------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | WSAL | WSAR | WSCT | WSFL | WSGP | WSKR |
| 1 | Base Period Revenue | R Company Records | \$ 272,732 | \$ 553,281 | \$ - | \$ 394,767 | \$ 869,662 | \$ - |
| 2 | Exogenous Changes | Z EXG-1 | \$ - | \$ 3 | \$ - | \$ 6 | \$ 5 | \$ - |
| 3 | Exogenous Adjustment | Z / R Ln2 / Ln1 | - | 0.000006 | - | 0.000016 | 0.000005 | - |
| 4 | Exogenous Adjustment Factor | W 1 + Ln3 | 1.000000 | 1.000006 | 1.000000 | 1.000016 | 1.000005 | 1.000000 |
| 5 | GDP-PI Chain Weighted - 4Q 2016 | GDP_PI(T-2) BEA, NIPA Table 1.1.4 | 111.1 | 111.1 | 111.1 | 111.1 | 111.1 | 111.1 |
| 6 | GDP-PI Chain Weighted - 4Q 2017 | GDP_PI(T-1) BEA, NIPA Table 1.1.4 | 108.8 | 108.8 | 108.8 | 108.8 | 108.8 | 108.8 |
| 7 | Percentage Change in GDP-PI | GDP-PI (Ln5 / Ln 6) - 1 | 2.1140% | 2.1140% | 2.1140% | 2.1140% | 2.1140% | 2.1140% |
| 8 | Productivity Factor | X FCC Order | 2.0000% | 2.0000% | 2.0000% | 2.0000% | 2.0000% | 2.0000% |
| 9 | Price Cap Adjustment | (GDP-PI - X) Ln7 - Ln8 | 0.1140% | 0.1140% | 0.1140% | 0.1140% | 0.1140% | 0.1140% |
| 10 | Existing PCI | PCI(T-1) Company Records | 99.9890 | 99.8424 | 100.2412 | 100.1669 | 100.1134 | 100.1573 |
| 11 | Proposed PCI with (GDP-PI - X) | Ln10 * (1 + Ln9) | 100.1030 | 99.9562 | 100.3555 | 100.2811 | 100.2275 | 100.2715 |
| 12 | Proposed PCI | PCI Ln10 * (1+Ln3+(Ln4*Ln9)) | 100.1030 | 99.9568 | 100.2412 | 100.2827 | 100.2280 | 100.1573 |

| | | | WSKY | WSLD | WSLX | WSMO | WSMS | WSNY |
|----|---------------------------------|-----------------------------------|----------|----------|----------|------------|----------|----------|
| 1 | Base Period Revenue | R Company Records | \$ - | \$ 50 | \$ - | \$ 339,346 | \$ - | \$ - |
| 2 | Exogenous Changes | Z EXG-1 | \$ - | \$ - | \$ - | \$ 1 | \$ - | \$ - |
| 3 | Exogenous Adjustment | Z / R Ln2 / Ln1 | - | - | - | 0.000004 | - | - |
| 4 | Exogenous Adjustment Factor | W 1 + Ln3 | 1.000000 | 1.000000 | 1.000000 | 1.000004 | 1.000000 | 1.000000 |
| 5 | GDP-PI Chain Weighted - 4Q 2016 | GDP_PI(T-2) BEA, NIPA Table 1.1.4 | 111.1 | 111.1 | 111.1 | 111.1 | 111.1 | 111.1 |
| 6 | GDP-PI Chain Weighted - 4Q 2017 | GDP_PI(T-1) BEA, NIPA Table 1.1.4 | 108.8 | 108.8 | 108.8 | 108.8 | 108.8 | 108.8 |
| 7 | Percentage Change in GDP-PI | GDP-PI (Ln5 / Ln 6) - 1 | 2.1140% | 2.1140% | 2.1140% | 2.1140% | 2.1140% | 2.1140% |
| 8 | Productivity Factor | X FCC Order | 2.0000% | 2.0000% | 2.0000% | 2.0000% | 2.0000% | 2.0000% |
| 9 | Price Cap Adjustment | (GDP-PI - X) Ln7 - Ln8 | 0.1140% | 0.1140% | 0.1140% | 0.1140% | 0.1140% | 0.1140% |
| 10 | Existing PCI | PCI(T-1) Company Records | 100.4620 | 100.0465 | 100.2444 | 99.9601 | 100.5856 | 100.3438 |
| 11 | Proposed PCI with (GDP-PI - X) | Ln10 * (1 + Ln9) | 100.5765 | 100.1606 | 100.3586 | 100.0740 | 100.7003 | 100.4581 |
| 12 | Proposed PCI | PCI Ln10 * (1+Ln3+(Ln4*Ln9)) | 100.4620 | 100.1606 | 100.2444 | 100.0744 | 100.5856 | 100.3438 |





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ALNC, ALPA, ALWR, COKY, GTKY, ITTC, LTNE, VANM, VANN, VAOK, VATX, VCTX, WSAL, WSAR, WSCT, WSFL, WSGP, WSKR, WSKY, WSLD, WSLX, WSMO, WSMS, WSNY, WSOH, WSOP, WSSB, WSSC, WSSL, WSST, WSTX

PCI

PCI Development Exhibit

| Line # | Description | Source | Special Access | Special Access | Special Access | Special Access | Special Access | Special Access |
|--------|---------------------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | WSOH | WSOP | WSSB | WSSC | WSSL | WSST |
| 1 | Base Period Revenue | R Company Records | \$ - | \$ 381,749 | \$ - | \$ 30,791 | \$ 49,541 | \$ 542,730 |
| 2 | Exogenous Changes | Z EXG-1 | \$ - | \$ 7 | \$ - | \$ 0 | \$ 1 | \$ 1 |
| 3 | Exogenous Adjustment | Z / R Ln2 / Ln1 | - | 0.000018 | - | 0.000002 | 0.000011 | 0.000001 |
| 4 | Exogenous Adjustment Factor | W 1 + Ln3 | 1.000000 | 1.000018 | 1.000000 | 1.000002 | 1.000011 | 1.000001 |
| 5 | GDP-PI Chain Weighted - 4Q 2016 | GDP_PI(T-2) BEA, NIPA Table 1.1.4 | 111.1 | 111.1 | 111.1 | 111.1 | 111.1 | 111.1 |
| 6 | GDP-PI Chain Weighted - 4Q 2017 | GDP_PI(T-1) BEA, NIPA Table 1.1.4 | 108.8 | 108.8 | 108.8 | 108.8 | 108.8 | 108.8 |
| 7 | Percentage Change in GDP-PI | GDP-PI (Ln5 / Ln 6) - 1 | 2.1140% | 2.1140% | 2.1140% | 2.1140% | 2.1140% | 2.1140% |
| 8 | Productivity Factor | X FCC Order | 2.0000% | 2.0000% | 2.0000% | 2.0000% | 2.0000% | 2.0000% |
| 9 | Price Cap Adjustment | (GDP-PI - X) Ln7 - Ln8 | 0.1140% | 0.1140% | 0.1140% | 0.1140% | 0.1140% | 0.1140% |
| 10 | Existing PCI | PCI(T-1) Company Records | 100.4852 | 99.6808 | 100.1337 | 100.0232 | 99.7496 | 100.2620 |
| 11 | Proposed PCI with (GDP-PI - X) | Ln10 * (1 + Ln9) | 100.5997 | 99.7944 | 100.2479 | 100.1372 | 99.8633 | 100.3763 |
| 12 | Proposed PCI | PCI Ln10 * (1+Ln3+(Ln4*Ln9)) | 100.4852 | 99.7962 | 100.1337 | 100.1374 | 99.8644 | 100.3764 |

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|----|---------------------------------|-----------------------------------|------------|
| | | | WSTX |
| 1 | Base Period Revenue | R Company Records | \$ 219,666 |
| 2 | Exogenous Changes | Z EXG-1 | \$ 1 |
| 3 | Exogenous Adjustment | Z / R Ln2 / Ln1 | 0.000004 |
| 4 | Exogenous Adjustment Factor | W 1 + Ln3 | 1.000004 |
| 5 | GDP-PI Chain Weighted - 4Q 2016 | GDP_PI(T-2) BEA, NIPA Table 1.1.4 | 111.1 |
| 6 | GDP-PI Chain Weighted - 4Q 2017 | GDP_PI(T-1) BEA, NIPA Table 1.1.4 | 108.8 |
| 7 | Percentage Change in GDP-PI | GDP-PI (Ln5 / Ln 6) - 1 | 2.1140% |
| 8 | Productivity Factor | X FCC Order | 2.0000% |
| 9 | Price Cap Adjustment | (GDP-PI - X) Ln7 - Ln8 | 0.1140% |
| 10 | Existing PCI | PCI(T-1) Company Records | 99.8574 |
| 11 | Proposed PCI with (GDP-PI - X) | Ln10 * (1 + Ln9) | 99.9713 |
| 12 | Proposed PCI | PCI Ln10 * (1+Ln3+(Ln4*Ln9)) | 99.9717 |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | ALNC - Windstream North Carolina |
| Transmittal Number: | 101 |
| COSA(s): | ALNC |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 34,513,741 | \$ 12,066,444 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 1,948,556 | \$ 1,948,556 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 32,565,185 | \$ 10,117,888 | \$ 11,941,060 | \$ - |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 100.00000% | 0.00000% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 29,443 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 29,443 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 283,402 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 283,402 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 1,391 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 1,391 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 36,058,651 | \$ 11,644,754 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 2,329 | \$ - |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (36,176) | \$ - |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (438) | \$ - |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (506) | \$ - |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 7,858 | \$ - |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 99 | \$ - |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (506) | \$ - |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 7,858 | \$ - |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 99 | \$ - |
| 35 | Total Exogenous Cost Adjutment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 7,451 | \$ - |





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| Filing Entity: | ALPA - Windstream Pennsylvania |
| Transmittal Number: | 101 |
| COSA(s): | ALPA |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 43,578,194 | \$ 13,676,572 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 2,194,841 | \$ 2,194,841 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 41,383,353 | \$ 11,481,731 | \$ 13,488,458 | \$ 8,018 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.94059% | 0.05941% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 33,412 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 33,412 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 321,603 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 321,603 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 1,767 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 1,767 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 44,302,197 | \$ 12,460,890 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 2,491 | \$ 1 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (38,690) | \$ (22) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (537) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (541) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 8,404 | \$ 5 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 121 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (541) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 8,404 | \$ 5 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 121 | \$ 0 |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 7,984 | \$ 5 |



| | |
|----------------------------|-----------------------------------|
| Filing Date: | 6/17/2019 |
| Filing Entity: | ALWR - Windstream Western Reserve |
| Transmittal Number: | 101 |
| COSA(s): | ALWR |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 28,310,988 | \$ 9,016,744 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 1,491,970 | \$ 1,491,970 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 26,819,018 | \$ 7,524,774 | \$ 8,892,150 | \$ 54 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.99939% | 0.00061% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 21,897 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 21,897 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 210,769 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 210,769 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 1,145 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 1,145 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 29,729,731 | \$ 8,475,075 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 1,695 | \$ 0 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (26,329) | \$ (0) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (361) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (368) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 5,719 | \$ 0 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 81 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (368) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 5,719 | \$ 0 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 81 | \$ 0 |
| 35 | Total Exogenous Cost Adustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 5,432 | \$ 0 |



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| Filing Date: | 6/17/2019 |
| Filing Entity: | COKY - Windstream Kentucky East - London |
| Transmittal Number: | 101 |
| COSA(s): | COKY |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 25,848,702 | \$ 7,855,849 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 1,312,271 | \$ 1,312,271 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 24,536,431 | \$ 6,543,578 | \$ 7,723,378 | \$ 15,319 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.80205% | 0.19795% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 19,042 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 19,042 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 183,286 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 183,286 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 1,048 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 1,048 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 25,699,743 | \$ 7,032,287 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 1,403 | \$ 3 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (21,800) | \$ (47) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (311) | \$ (1) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (305) | \$ (1) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 4,735 | \$ 10 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 70 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (305) | \$ (1) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 4,735 | \$ 10 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 70 | \$ 0 |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 4,501 | \$ 10 |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | GTKY - Windstream Kentucky East - Lexington |
| Transmittal Number: | 101 |
| COSA(s): | GTKY |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 89,589,651 | \$ 22,440,386 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 4,071,817 | \$ 4,071,817 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 85,517,834 | \$ 18,368,570 | \$ 21,611,755 | \$ 17,248 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.92026% | 0.07974% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 53,453 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 53,453 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 514,504 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 514,504 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 3,652 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 3,652 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 94,158,434 | \$ 20,786,554 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 4,153 | \$ 4 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (64,510) | \$ (67) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (1,141) | \$ (1) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (902) | \$ (1) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 14,013 | \$ 14 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 258 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (902) | \$ (1) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 14,013 | \$ 14 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 258 | \$ 0 |
| 35 | Total Exogenous Cost Adustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 13,368 | \$ 14 |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | ITTC - Windstream Iowa Telecom |
| Transmittal Number: | 101 |
| COSA(s): | ITTC |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 65,457,760 | \$ 21,241,253 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 10,045,847 | \$ 10,045,847 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 55,411,913 | \$ 11,195,406 | \$ 13,093,061 | \$ 15,248 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.88368% | 0.11632% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 32,579 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 32,579 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 313,583 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 313,583 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 2,366 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 2,366 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 59,004,865 | \$ 11,488,421 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 2,295 | \$ 3 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (35,648) | \$ (43) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (715) | \$ (1) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (499) | \$ (1) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 7,743 | \$ 9 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 161 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (499) | \$ (1) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 7,743 | \$ 9 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 161 | \$ 0 |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 7,406 | \$ 9 |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | LTNE - Windstream Nebraska, Inc. |
| Transmittal Number: | 101 |
| COSA(s): | LTNE |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 50,265,076 | \$ 12,328,381 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 2,070,840 | \$ 2,070,840 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 48,194,236 | \$ 10,257,541 | \$ 12,010,219 | \$ 178 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.99852% | 0.00148% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 29,849 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 29,849 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 287,314 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 287,314 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 2,058 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 2,058 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 53,365,452 | \$ 11,670,514 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 2,334 | \$ 0 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (36,256) | \$ (1) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (647) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (507) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 7,875 | \$ 0 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 146 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (507) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 7,875 | \$ 0 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 146 | \$ 0 |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 7,515 | \$ 0 |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | VANM - Valor New Mexico #1164 |
| Transmittal Number: | 101 |
| COSA(s): | VANM |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|--------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 9,052,289 | \$ 2,580,492 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 436,238 | \$ 436,238 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 8,616,051 | \$ 2,144,254 | \$ 2,504,876 | \$ - |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 100.00000% | 0.00000% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 6,240 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 6,240 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 60,061 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 60,061 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 368 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 368 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 9,097,479 | \$ 2,316,007 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 463 | \$ - |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (7,195) | \$ - |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (110) | \$ - |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (101) | \$ - |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 1,563 | \$ - |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 25 | \$ - |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (101) | \$ - |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 1,563 | \$ - |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 25 | \$ - |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 1,487 | \$ - |



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| Filing Date: | 6/17/2019 |
| Filing Entity: | VANN - Valor New Mexico #1193 |
| Transmittal Number: | 101 |
| COSA(s): | VANN |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 11,547,547 | \$ 3,641,993 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 610,765 | \$ 610,765 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 10,936,782 | \$ 3,031,228 | \$ 3,530,166 | \$ 1,264 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.96420% | 0.03580% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 8,821 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 8,821 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 84,905 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 84,905 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 467 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 467 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 11,296,719 | \$ 3,112,460 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 622 | \$ 0 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (9,667) | \$ (2) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (137) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (135) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 2,100 | \$ 1 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 31 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (135) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 2,100 | \$ 1 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 31 | \$ 0 |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 1,996 | \$ 0 |



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| Filing Date: | 6/17/2019 |
| Filing Entity: | VAOK - Valor Oklahoma #1165 |
| Transmittal Number: | 101 |
| COSA(s): | VAOK |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 14,854,483 | \$ 5,591,687 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 884,333 | \$ 884,333 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 13,970,151 | \$ 4,707,354 | \$ 5,431,732 | \$ 8,359 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.84634% | 0.15366% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 13,698 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 13,698 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 131,853 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 131,853 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 597 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 597 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 12,107,796 | \$ 5,097,033 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 1,018 | \$ 1 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (15,819) | \$ (16) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (147) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (221) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 3,436 | \$ 3 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 33 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (221) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 3,436 | \$ 3 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 33 | \$ 0 |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 3,248 | \$ 3 |



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| Filing Date: | 6/17/2019 |
| Filing Entity: | VATX - Valor Texas #1163 |
| Transmittal Number: | 101 |
| COSA(s): | VATX |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 62,011,001 | \$ 20,229,689 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 3,268,382 | \$ 3,268,382 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 58,742,619 | \$ 16,961,307 | \$ 19,962,036 | \$ 14,911 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.92536% | 0.07464% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 49,357 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 49,357 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 55.46796% | 55.51762% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 475,086 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 475,086 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 55.46796% | 55.51762% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 2,508 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 2,508 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 55.46796% | 55.51762% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 62,338,930 | \$ 18,182,944 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 2,017 | \$ 2 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (31,324) | \$ (25) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (419) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (438) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 6,804 | \$ 6 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 95 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (438) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 6,804 | \$ 6 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 95 | \$ 0 |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 6,461 | \$ 5 |

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| Filing Date: | 6/17/2019 |
| Filing Entity: | VCTX - Valor Texas #1181 |
| Transmittal Number: | 101 |
| COSA(s): | VCTX |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 62,011,001 | \$ 20,229,689 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 3,268,382 | \$ 3,268,382 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 58,742,619 | \$ 16,961,307 | \$ 19,962,036 | \$ 24,440 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.87772% | 0.12228% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 49,357 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 49,357 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 44.53204% | 44.48238% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 475,086 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 475,086 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 44.53204% | 44.48238% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 2,508 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 2,508 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 44.53204% | 44.48238% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 62,338,930 | \$ 18,182,944 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 1,616 | \$ 2 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (25,104) | \$ (35) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (336) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (351) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 5,453 | \$ 8 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 76 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (351) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 5,453 | \$ 8 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 76 | \$ 0 |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 5,178 | \$ 7 |



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|----------------------------|---------------------------|
| Filing Date: | 6/17/2019 |
| Filing Entity: | WSAL - Windstream Alabama |
| Transmittal Number: | 101 |
| COSA(s): | WSAL |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|--------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 5,927,037 | \$ 2,005,986 | N/A | N/A |
| 2 | Base Period 499A Excluded Revenue | Form 499A | N/A | \$ 329,525 | \$ 329,525 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 5,597,512 | \$ 1,676,461 | \$ 1,988,384 | \$ - |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 100.00000% | 0.00000% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 4,879 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 4,879 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 46,958 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 46,958 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 239 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 239 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 6,045,798 | \$ 1,849,496 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 370 | \$ - |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (5,746) | \$ - |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (73) | \$ - |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (80) | \$ - |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 1,248 | \$ - |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 17 | \$ - |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (80) | \$ - |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 1,248 | \$ - |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 17 | \$ - |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 1,184 | \$ - |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSAR - Windstream Arkansas |
| Transmittal Number: | 101 |
| COSA(s): | WSAR |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 23,799,920 | \$ 7,889,499 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 1,322,072 | \$ 1,322,072 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 22,477,848 | \$ 6,567,427 | \$ 7,728,044 | \$ 4,228 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.94531% | 0.05469% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 19,111 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 19,111 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 183,954 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 183,954 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 960 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 960 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 24,102,980 | \$ 7,127,008 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 1,424 | \$ 1 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (22,127) | \$ (14) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (292) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (309) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 4,806 | \$ 3 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 66 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (309) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 4,806 | \$ 3 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 66 | \$ 0 |
| 35 | Total Exogenous Cost Adustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 4,563 | \$ 3 |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSCT - Windstream Concord |
| Transmittal Number: | 101 |
| COSA(s): | WSCT |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 17,239,613 | \$ 5,825,827 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 972,121 | \$ 972,121 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 16,267,492 | \$ 4,853,706 | \$ 5,761,657 | \$ - |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 100.00000% | 0.00000% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 14,124 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 14,124 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 135,952 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 135,952 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 695 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 695 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 17,875,685 | \$ 5,522,900 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 1,105 | \$ - |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (17,158) | \$ - |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (217) | \$ - |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (240) | \$ - |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 3,727 | \$ - |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 49 | \$ - |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (240) | \$ - |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 3,727 | \$ - |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 49 | \$ - |
| 35 | Total Exogenous Cost Adustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 3,536 | \$ - |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSFL - Windstream Florida |
| Transmittal Number: | 101 |
| COSA(s): | WSFL |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 20,776,912 | \$ 8,529,061 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 1,496,378 | \$ 1,496,378 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 19,280,534 | \$ 7,032,683 | \$ 8,199,295 | \$ 9,422 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.88522% | 0.11478% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 20,465 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 20,465 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 196,985 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 196,985 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 823 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 823 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 19,901,689 | \$ 7,232,850 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 1,445 | \$ 2 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (22,443) | \$ (27) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (241) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (314) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 4,875 | \$ 6 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 54 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (314) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 4,875 | \$ 6 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 54 | \$ 0 |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 4,616 | \$ 6 |





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|----------------------------|---------------------------|
| Filing Date: | 6/17/2019 |
| Filing Entity: | WSGP - Georgia Properties |
| Transmittal Number: | 101 |
| COSA(s): | WSGP |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|----------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 108,997,349 | \$ 30,962,779 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 5,134,193 | \$ 5,134,193 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 103,863,156 | \$ 25,828,586 | \$ 30,379,976 | \$ 7,068 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.97674% | 0.02326% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 75,161 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 75,161 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 723,459 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 723,459 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 4,435 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 4,435 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 110,334,030 | \$ 28,363,587 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 5,671 | \$ 1 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (88,095) | \$ (21) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (1,338) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (1,232) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 19,136 | \$ 5 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 302 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (1,232) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 19,136 | \$ 5 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 302 | \$ 0 |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 18,206 | \$ 4 |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSKR - Windstream Kerrville |
| Transmittal Number: | 101 |
| COSA(s): | WSKR |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|--------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 4,156,534 | \$ 1,434,845 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 238,244 | \$ 238,244 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 3,918,290 | \$ 1,196,601 | \$ 1,408,074 | \$ - |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 100.00000% | 0.00000% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 3,482 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 3,482 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 33,517 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 33,517 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 167 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 167 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 4,227,896 | \$ 1,347,341 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 269 | \$ - |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (4,186) | \$ - |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (51) | \$ - |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (59) | \$ - |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 909 | \$ - |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 12 | \$ - |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (59) | \$ - |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 909 | \$ - |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 12 | \$ - |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 862 | \$ - |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSKY - Windstream Kentucky West |
| Transmittal Number: | 101 |
| COSA(s): | WSKY |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|--------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 4,310,158 | \$ 1,418,371 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 253,330 | \$ 253,330 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 4,056,828 | \$ 1,165,041 | \$ 1,365,716 | \$ - |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 100.00000% | 0.00000% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 3,390 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 3,390 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 32,633 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 32,633 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 173 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 173 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 4,511,489 | \$ 1,291,159 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 258 | \$ - |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (4,011) | \$ - |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (55) | \$ - |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (56) | \$ - |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 871 | \$ - |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 12 | \$ - |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (56) | \$ - |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 871 | \$ - |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 12 | \$ - |
| 35 | Total Exogenous Cost Adustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 828 | \$ - |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSLD - Windstream Lakedale |
| Transmittal Number: | 101 |
| COSA(s): | WSLD |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|--------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 2,590,509 | \$ 862,113 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 140,088 | \$ 140,088 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 2,450,421 | \$ 722,026 | \$ 853,618 | \$ - |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 100.00000% | 0.00000% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 2,101 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 2,101 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 20,224 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 20,224 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 105 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 105 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 2,607,232 | \$ 765,619 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 153 | \$ - |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (2,379) | \$ - |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (32) | \$ - |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (33) | \$ - |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 517 | \$ - |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 7 | \$ - |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (33) | \$ - |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 517 | \$ - |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 7 | \$ - |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 491 | \$ - |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSLX - Windstream Lexcom |
| Transmittal Number: | 101 |
| COSA(s): | WSLX |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|--------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 4,526,062 | \$ 1,790,619 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 313,201 | \$ 313,201 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 4,212,861 | \$ 1,477,418 | \$ 1,539,015 | \$ - |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 100.00000% | 0.00000% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 4,299 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 4,299 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 41,382 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 41,382 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 180 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 180 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 4,574,765 | \$ 1,677,743 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 336 | \$ - |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (5,212) | \$ - |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (56) | \$ - |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (73) | \$ - |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 1,132 | \$ - |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 13 | \$ - |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (73) | \$ - |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 1,132 | \$ - |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 13 | \$ - |
| 35 | Total Exogenous Cost Adustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 1,072 | \$ - |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSMO - Windstream Missouri |
| Transmittal Number: | 101 |
| COSA(s): | WSMO |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 12,652,581 | \$ 5,122,119 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 818,661 | \$ 818,661 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 11,833,920 | \$ 4,303,458 | \$ 5,092,426 | \$ 2,256 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.95571% | 0.04429% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 12,523 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 12,523 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 120,540 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 120,540 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 505 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 505 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 12,473,909 | \$ 4,577,989 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 915 | \$ 0 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (14,217) | \$ (6) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (151) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (199) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 3,088 | \$ 1 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 34 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (199) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 3,088 | \$ 1 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 34 | \$ 0 |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 2,923 | \$ 1 |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSMS - Windstream Mississippi |
| Transmittal Number: | 101 |
| COSA(s): | WSMS |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|--------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 2,528,901 | \$ 1,001,497 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 161,782 | \$ 161,782 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 2,367,119 | \$ 839,715 | \$ 999,855 | \$ - |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 100.00000% | 0.00000% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 2,444 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 2,444 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 23,520 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 23,520 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 101 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 101 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 2,452,755 | \$ 895,010 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 179 | \$ - |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (2,780) | \$ - |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (30) | \$ - |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (39) | \$ - |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 604 | \$ - |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 7 | \$ - |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (39) | \$ - |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 604 | \$ - |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 7 | \$ - |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 572 | \$ - |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSNY - Windstream New York Properties |
| Transmittal Number: | 101 |
| COSA(s): | WSNY |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 11,567,814 | \$ 3,950,849 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 667,342 | \$ 667,342 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 10,900,472 | \$ 3,283,507 | \$ 3,808,891 | \$ - |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 100.00000% | 0.00000% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 9,555 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 9,555 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 91,971 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 91,971 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 465 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 465 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 12,172,999 | \$ 3,725,983 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 745 | \$ - |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (11,575) | \$ - |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (148) | \$ - |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (162) | \$ - |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 2,514 | \$ - |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 33 | \$ - |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (162) | \$ - |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 2,514 | \$ - |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 33 | \$ - |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 2,386 | \$ - |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSOH - Windstream Ohio |
| Transmittal Number: | 101 |
| COSA(s): | WSOH |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 16,405,102 | \$ 5,579,471 | N/A | N/A |
| 2 | Base Period 499A Excluded Revenue | Form 499A | N/A | \$ 961,676 | \$ 961,676 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 15,443,426 | \$ 4,617,795 | \$ 5,403,229 | \$ - |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 100.00000% | 0.00000% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 13,438 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 13,438 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 129,344 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 129,344 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 659 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 659 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 17,543,532 | \$ 5,355,836 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 1,071 | \$ - |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (16,639) | \$ - |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (213) | \$ - |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (233) | \$ - |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 3,614 | \$ - |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 48 | \$ - |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (233) | \$ - |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 3,614 | \$ - |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 48 | \$ - |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 3,430 | \$ - |



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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSOP - Windstream Oklahoma Properties |
| Transmittal Number: | 101 |
| COSA(s): | WSOP |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|--------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 7,128,116 | \$ 2,328,743 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 390,062 | \$ 390,062 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 6,738,054 | \$ 1,938,681 | \$ 2,264,323 | \$ 6,981 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.69266% | 0.30734% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 5,642 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 5,642 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 0.00000% | 0.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 54,302 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 54,302 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 0.00000% | 0.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 288 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 288 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 0.00000% | 0.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 7,589,436 | \$ 2,202,333 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 438 | \$ 2 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (6,809) | \$ (33) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (92) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (95) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 1,479 | \$ 7 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 21 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (95) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 1,479 | \$ 7 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 21 | \$ 0 |
| 35 | Total Exogenous Cost Adustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 1,405 | \$ 7 |



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|----------------------------|--|
| Filing Date: | 6/17/2019 |
| Filing Entity: | WSSB - Windstream Lakedale dba Connections |
| Transmittal Number: | 101 |
| COSA(s): | WSSB |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|--------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 2,797,810 | \$ 936,782 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 150,198 | \$ 150,198 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 2,647,612 | \$ 786,584 | \$ 929,262 | \$ - |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 100.00000% | 0.00000% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 2,289 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 2,289 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 22,032 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 22,032 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 113 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 113 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 2,762,607 | \$ 821,865 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 164 | \$ - |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (2,553) | \$ - |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (34) | \$ - |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (36) | \$ - |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 555 | \$ - |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 8 | \$ - |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (36) | \$ - |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 555 | \$ - |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 8 | \$ - |
| 35 | Total Exogenous Cost Adustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 526 | \$ - |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSSC - Windstream South Carolina |
| Transmittal Number: | 101 |
| COSA(s): | WSSC |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|--------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 9,042,203 | \$ 3,325,937 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 549,394 | \$ 549,394 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 8,492,809 | \$ 2,776,543 | \$ 3,284,623 | \$ 10 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.99970% | 0.00030% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 8,080 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 8,080 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 77,771 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 77,771 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 363 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 363 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 9,361,049 | \$ 3,200,747 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 640 | \$ 0 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (9,943) | \$ (0) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (114) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (139) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 2,160 | \$ 0 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 26 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (139) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 2,160 | \$ 0 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 26 | \$ 0 |
| 35 | Total Exogenous Cost Adustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 2,047 | \$ 0 |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSSL - Windstream Sugar Land |
| Transmittal Number: | 101 |
| COSA(s): | WSSL |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 12,819,537 | \$ 3,836,799 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 672,377 | \$ 672,377 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 12,147,160 | \$ 3,164,422 | \$ 3,661,583 | \$ 1,045 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.97147% | 0.02853% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 9,208 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 9,208 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 88,635 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 88,635 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 519 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 519 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 13,891,662 | \$ 3,532,830 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 706 | \$ 0 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (10,973) | \$ (3) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (169) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (153) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 2,384 | \$ 1 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 38 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (153) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 2,384 | \$ 1 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 38 | \$ 0 |
| 35 | Total Exogenous Cost Adustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 2,268 | \$ 1 |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSST - Windstream Standard |
| Transmittal Number: | 101 |
| COSA(s): | WSST |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|---------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 23,113,126 | \$ 7,565,376 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 1,211,758 | \$ 1,211,758 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 21,901,368 | \$ 6,353,618 | \$ 7,527,552 | \$ 453 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.99398% | 0.00602% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 18,489 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 18,489 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 177,965 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 177,965 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 935 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 935 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 23,897,832 | \$ 7,236,757 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 1,447 | \$ 0 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (22,479) | \$ (3) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (290) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (314) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 4,883 | \$ 1 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 65 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (314) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 4,883 | \$ 1 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 65 | \$ 0 |
| 35 | Total Exogenous Cost Adjustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 4,634 | \$ 1 |





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| Filing Date: | 6/17/2019 |
| Filing Entity: | WSTX - Texas Windstream |
| Transmittal Number: | 101 |
| COSA(s): | WSTX |

EXG
Exogenous Cost Exhibit

| Line # | Description | Source | Fee/Rate (A) | Total (B) | Interstate (C) | Common Line (D) | Special Access (E) |
|--------|---|--|-----------------|--------------|-------------------|--------------------|-----------------------|
| 1 | Base Period 499A Company Revenue | Form 499A | N/A | \$ 6,688,787 | \$ 2,277,728 | N/A | N/A |
| 2 | Base Period 499a Excluded Revenue | Form 499A | N/A | \$ 374,790 | \$ 374,790 | N/A | N/A |
| 3 | Base Period 499A Price Cap Revenue | Col B & C = Ln1 - Ln2 Col D & E = Form 499A | N/A | \$ 6,313,997 | \$ 1,902,938 | \$ 2,247,495 | \$ 1,392 |
| 4 | Base Period 499A Basket Allocators | Ln3 / (Ln3(D) + Ln3(E)) | N/A | N/A | N/A | 99.93809% | 0.06191% |
| 5 | Current Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 5,538 | N/A | N/A |
| 6 | Proposed Regulatory Fee | Col A = Input Col C = Col A * Ln3 | 0.00291 | N/A | \$ 5,538 | N/A | N/A |
| 7 | Regulatory Fee Exogenous Cost | Col C = Ln6 - Ln5 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 8 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 9 | Amount Attributable to COSA | Ln7 * Ln8 | N/A | N/A | N/A | \$ - | \$ - |
| 10 | Current TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 53,301 | N/A | N/A |
| 11 | Proposed TRS Rate | Col A = Input Col C = Col A * Ln3 | 0.02801 | N/A | \$ 53,301 | N/A | N/A |
| 12 | TRS Rate Exogenous Cost | Col C = Ln11 - Ln10 Cols D & E = Col C * Ln4 | N/A | N/A | \$ - | \$ - | \$ - |
| 13 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 14 | Amount Attributable to COSA | Ln12 * Ln13 | N/A | N/A | N/A | \$ - | \$ - |
| 15 | Current NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 270 | N/A | N/A | N/A |
| 16 | Proposed NANPA Rate | Col A = Input Col B = Col A * Ln3 | 0.0000427 | \$ 270 | N/A | N/A | N/A |
| 17 | NANPA Rate Exogenous Adjustment | Col C = Ln16 - Ln15 Cols D & E = Col B * Ln4 | N/A | \$ - | N/A | \$ - | \$ - |
| 18 | Percentage Attributable to COSA | Company Records | N/A | N/A | N/A | 100.00000% | 100.00000% |
| 19 | Amount Attributable to COSA | Ln17 * Ln18 | N/A | N/A | N/A | \$ - | \$ - |
| 20 | Previous 499A Price Cap Revenue | Company Records | N/A | \$ 6,559,193 | \$ 2,022,513 | N/A | N/A |
| 21 | Previous Exogenous Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.3333 | 1.3333 |
| 22 | Previous Regulatory Fee Adjustment | Company Records | N/A | N/A | N/A | \$ 404 | \$ 0 |
| 23 | Previous TRS Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (6,279) | \$ (4) |
| 24 | Previous NANPA Rate Adjustment | Company Records | N/A | N/A | N/A | \$ (80) | \$ (0) |
| 25 | Previous Regulatory Fee Adjustment - Partial Year Removal | Ln22 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ (88) | \$ (0) |
| 26 | Previous TRS Adjustment - Partial Year Removal | Ln23 * (1/Ln21 - 1) * Ln3(C) / Ln20(C) | N/A | N/A | N/A | \$ 1,364 | \$ 1 |
| 27 | Previous NANPA Adjustment - Partial Year Removal | Ln24 * (1/Ln21 - 1) * Ln3(B) / Ln20(B) | N/A | N/A | N/A | \$ 18 | \$ 0 |
| 28 | Exogenous Cost Gross-Up Factor | Company Records | N/A | N/A | N/A | 1.0000 | 1.0000 |
| 29 | Regulatory Fee Exogenous Cost Adjustment | (Ln9 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 30 | TRS Exogenous Cost Adjustment | (Ln14 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 31 | NANPA Exogenous Cost Adjustment | (Ln19 * Ln28) | N/A | N/A | N/A | \$ - | \$ - |
| 32 | Total Regulatory Fee Exogenous Cost Adjustment | Ln25 + Ln29 | N/A | N/A | N/A | \$ (88) | \$ (0) |
| 33 | Total TRS Exogenous Cost Adjustment | Ln26 + Ln30 | N/A | N/A | N/A | \$ 1,364 | \$ 1 |
| 34 | Total NANPA Exogenous Cost Adjustment | Ln27 + Ln31 | N/A | N/A | N/A | \$ 18 | \$ 0 |
| 35 | Total Exogenous Cost Adustment | Ln32 + Ln33 + Ln34 | N/A | N/A | N/A | \$ 1,294 | \$ 1 |



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|----------------------------|
| Filing Date: |
| Filing Entity: |
| Transmittal Number: |
| COSA(s): |

6/17/2019
Windstream - Tariff FCC No. 6
101
ALNC, ALPA, ALWR, COKY, GTKY, ITTC, LTNE, VANM, VANN, VAOK, VATX, VCTX, WSAL, WSAR, WSCT, WSFL, WSGP, WSKR, WSKY, WSLD, WSLX, WSMO, WSMS, WSNY, WSOH, WSOP, WSSB, WSSC, WSSL, WSST, WSTX

OUTPC
Services Out of Price Cap Regulation

| Rate Element Detail (Services Excluded from Price Caps) | Tariff Section |
|---|------------------------------|
| <u>Special Construction/ICBs</u> | |
| Special Construction - ICBs | WTS FCC #2 & 5, Valor FCC #2 |
| <u>Packet Services</u> | |
| Frame Relay Services - Recurring and NonRecurring | FCC #6 Section 17.4.8 |
| <u>Special Access Elements</u> | |
| Special Access ICBs | FCC #6 Section 17.3.9 |
| <u>End User Charges</u> | |
| Local Number Portability End User Charge | FCC #6 Section 17.4.4 |
| <u>Gov't Services</u> | |
| Special Federal Government Access Services - Recurring and NonRecurring | FCC #6 & #7 Section 17.4.5 |
| <u>Miscellaneous/Other</u> | |
| Special Facilities Routing of Access Services - ICBs | FCC #6 & #7 Section 17.4.6 |
| Specialized Services or Arrangements - ICBs | FCC #6 & #7 Section 17.4.7 |
| End User Presubscription - NonRecurring | FCC #6 & #7 Section 17.4.4 |

| Rate Element Detail (Services Removed from Price Caps after Implementation) | Tariff Section | Order Allowing Removal |
|---|-----------------------|--|
| Interexchange services | FCC #6 (All Sections) | Pricing Flexibility Order ¹ |
| <u>Special Access</u> ² | | |
| Voice Grade | FF #6 Section 22 | Pricing Flexibility Order ¹ |
| Digital Data (DDS) | FF #6 Section 22 | Pricing Flexibility Order ¹ |
| Program Audio | FF #6 Section 22 | Pricing Flexibility Order ¹ |
| Video | FF #6 Section 22 | Pricing Flexibility Order ¹ |
| DS1 | FF #6 Section 22 | Pricing Flexibility Order ¹ |
| DS3 | FF #6 Section 22 | Pricing Flexibility Order ¹ |
| Digital FT1 | FF #6 Section 22 | Pricing Flexibility Order ¹ |
| Synchronous Optical Channel Service | FF #6 Section 22 | Pricing Flexibility Order ¹ |

Footnotes

- 1 Pricing Flexibility Order refers to FCC 99-206 Fifth Report and Order and Further Notice of Proposed Rulemaking.
- 2 Includes:
Channel terminations between the interexchange carrier point of presence and the end office,
Channel terminations between the end office and the end user's premise,
Channel miles, and
Optional features and functions associated with these services.