APPENDIX A TO THE PRICING ATTACHMENT[[1]](#footnote-1) (CACTF)

FRONTIER CALIFORNIA INC.

California v2.1

Rates and Charges for Transport and Termination of Traffic[[2]](#footnote-2)

Reciprocal Compensation Traffic Termination

Reciprocal Compensation Traffic End Office Rate: **Bill and Keep**.

Reciprocal Compensation Traffic Tandem Rate: **Bill and Keep**.

The Tandem Transit Traffic Service Charge is **$0.0004170 per minute of use**.

Facilities and Transport for Interconnection: Per Frontier Intrastate Access Tariff (Frontier California Inc. Schedule Cal. P.U.C. No. C-1) for Special Access service, as amended from time-to-time.

Exchange Access Service:

Interstate: Per Frontier Interstate Access Tariff (Frontier Tariff FCC No. 14, for the Frontier California Inc. operating territory of California covered by Frontier Tariff FCC No. 14

Intrastate: Per Frontier Intrastate Access Tariff (Frontier California Inc. Schedule Cal. P.U.C. No. C-1) for Feature Group D service, as amended from time-to-time.

Services Available for Resale

Nonrecurring charge(s) will apply when converting a Frontier account to a {{ACNA}} account or when changing an End User from one carrier to another.

Unbundled Network Elements[[3]](#footnote-3) [[4]](#footnote-4)

**Monthly Recurring Charges**

**Local Loop**

2 Wire Digital Loop (inclusive of NID)

Zone 1 $ 11.93♠

Zone 2 $ 46.71♠

Zone 3 $ 134.74♠

Zone 4 $ 525.70♠

4 Wire Digital Loop (inclusive of NID)

Zone 1 $ 23.06♠

Zone 2 $ 90.27♠

Zone 3 $ 260.42♠

Zone 4 $ 1,016.05♠

2-Wire ISDN BRI Loop (inclusive of NID)

Zone 1 $ 14.47♠

Zone 2 $ 49.25♠

Zone 3 $ 37.28♠

Zone 4 $ 528.24♠

2-Wire xDSL Compatible Loop (inclusive of NID)[[5]](#footnote-5)

Zone 1 $ 11.93♠

Zone 2 $ 46.71♠

Zone 3 $ 134.74♠

Zone 4 $ 525.70♠

4-Wire xDSL Compatible Loop (inclusive of NID)

Zone 1 $ 23.06♠

Zone 2 $ 90.27♠

Zone 3 $ 260.42♠

Zone 4 $ 1,016.05♠

DS-1 Loop

Zone 1 $ 67.70♠

Zone 2 $ 144.04♠

Zone 3 $ 552.37♠

Zone 4 $ 684.37♠

4-Wire HDSL Compatible Loop

Zone 1 $ 67.70♠

Zone 2 $ 144.04♠

Zone 3 $ 552.37♠

Zone 4 $ 684.37♠

DS-3 Loop $ 596.57♠

**Sub-Loop****[[6]](#footnote-6)**

2-Wire Distribution $ 8.86♠

4-Wire Distribution $ 18.32♠

InsideWire BFR

**Network Interface Device (NID) (leased separately)**

NID $ 0.53♠

**Interoffice Transmission Facilities**

Multiplexing (Dedicated Transport)

DS1 to DS0 (per MUX) $ 75.36♠

DS3 to DS1 (per MUX) $ 156.24♠

Digital Cross Connect System (DCS) Multiplexing (Dedicated Transport)

DS1 to DS0 (per MUX) $ 75.36♠

DS3 to DS1 (per MUX) $ 156.24♠

**Unbundled Dark Fiber**

Unbundled Dark Fiber Interoffice Dedicated Transport

Facility – per pair, per mile $ 3.82♠

Termination – per end $ 3.70♠

**Loop Conditioning**

Loop Conditioning Greater than 12K ft $ 1.50

**Line Sharing (High Frequency Portion of) Loop**

Loop – Copper $ 0.00[[7]](#footnote-7)♣

**Line Splitting** (also referred to as “Loop Sharing”)**[[8]](#footnote-8)**

|  |  |
| --- | --- |
| A. Unbundled Local Loops | As applicable per this Appendix A for UNE Local 2-Wire Digital (DSL qualified) Loops Monthly Recurring Charges and Non-Recurring Charges as amended from time to time. Includes, without limitation, Recurring 2-Wire Digital (DSL qualified) Loop Charges, Service Order Charge (per order), Service Connection Charge\* (per loop), Service Connection-Other Charge\* (per loop), and Provisioning charges. Also includes, without limitation, if applicable, Field Dispatch, TC Not Ready, Loop Qualification, Engineering Query (where available), Engineering Work Order (where available), Trouble Dispatch, Misdirects, Dispatch In, Out, and Dispatch Expedites, Installation Dispatch, Manual Intervention, Expedited, Digital Designed Recurring and Non-Recurring Charges. |
| B. Other Charges | i. Regrade $ NRC TBD  ii. \*Service Connection  \*Service Connection/  Other A second Service Connection NRC andService Connection/ Other NRC applies on New Loop Sharing Arrangements involving the connection of both voice and data connections.  iii. Disconnect A disconnect NRC applies, as applicable, on total Loop Sharing disconnects.  iv. Line and Station  Transfers/Pair SwapsAn LST/Pair Swap NRC applies, as applicable, on LST activity performed on New Loop Sharing Arrangements. |
| C. Collocation Rates  Collocation Rates (including, without limitation, Splitter Connection and Installation Rates) | As applicable per this Appendix A. |

**NON-RECURRING CHARGES**

**CUSTOM HANDLING**

Coordinated Conversions:

ISO $ 21.12

Central Office Connection $ 10.01

Outside Facility Connection $ 9.26

Hot Coordinated Conversions First Hour:

ISO $ 36.79

Central Office Connection $ 41.03

Outside Facility Connection $ 37.03

Hot Coordinated Conversions per Additional Quarter Hour:

ISO $ 7.52

Central Office Connection $ 10.01

Outside Facility Connection $ 9.26

Expedite $ 5.66

**NON-RECURRING CHARGES – OTHER UNEs**

| **LOCAL WHOLESALE SERVICES** | **Ordering** | | | **Service Connection** | |
| --- | --- | --- | --- | --- | --- |
|  | **Manual** | **Semi-**  **Mechanized** | **Mechanized** | **Initial**  **Unit** | **Addt’l**  **Unit** |
|  |  |  |  |  |  |
| **UNBUNDLED NID** (Network Interface Device) |  |  |  |  |  |
| Exchange – Basic | $ 45.60 | $ 17.39 | $ 0.16 | $ 40.63 | N/A |
|  |  |  | |  |  |
| **UNBUNDLED SUB-LOOP** |  |  |  |  |  |
| Exchange – FDI Distribution Interconnection – Initial | $ 36.32 | $ 26.88 | N/A | $ 61.90 | $ 30.36 |
| Exchange – FDI Distribution Interconnection – Subsequent | $ 15.01 | $ 11.83 | N/A | $ 16.99 | $ 7.22 |
| Exchange – Serving Terminal Interconnection – Initial | $ 36.32 | $ 26.88 | N/A | $ 28.99 | $ 15.51 |
| Exchange – Serving Terminal Interconnection – Subsequent | $ 15.01 | $ 11.83 | N/A | $ 13.23 | $ 6.41 |
|  |  |  |  |  |  |
| **UNBUNDLED DARK FIBER** |  |  |  |  |  |
|  |  |  |  |  |  |
| Advanced – Service Inquiry Charge | $ 405.87 | $ 405.65 | N/A | N/A | N/A |
| Advanced – Interoffice Dedicated Transport – Initial | $ 64.80 | $ 64.57 | N/A | $ 267.28 | $ 224.28 |
| Advanced – Unbundled Loop – Initial | $ 64.80 | $ 64.57 | N/A | $ 261.86 | $ 220.43 |
| Dark Fiber Record Review | TBD | TBD | TBD | N/A | N/A |
| Intermediate Office Cross Connect | TBD | TBD | TBD | TBD | TBD |
| Dark Fiber Optional Engineering Services | TBD | TBD | TBD | TBD | TBD |
|  |  |  |  |  |  |
| **Changeover Charge** |  |  |  |  |  |
|  |  |  |  |  |  |
| Advanced - Basic (2-wire and 4-wire) Changeover (As Is) | $ 161.87 | $ 99.77 | N/A | $ 41.64 | N/A |
| Advanced – Basic (2-wire and 4-wire) Changeover (As Is)- Additional MOG (Mass Order Generator) Only | $ 7.52 | $ 4.56 | N/A | $ 41.64 | N/A |
| Advanced – Complex (DS1 and above) Changeover (As Is) | $ 179.37 | $ 117.27 | N/A | $ 41.64 | N/A |
| Advanced – Complex (DS1 and above) Changeover (As Is)- Additional MOG (Mass Order Generator) Only | $ 7.52 | $ 4.56 | N/A | $ 41.64 | N/A |
|  |  |  |  |  |  |
| **CROSS CONNECT** |  |  |  |  |  |
|  |  |  |  |  |  |
| Advanced – Basic – New | N/A | $ 2.04 | $ 0.16 | $ 0.00 | $ 0.00 |
| Advanced – Basic – Disconnect | N/A | $ 3.22 | $ 0.16 | $ 0.00 | $ 0.00 |
| Advanced – Basic – Records | N/A | $ 0.00 | $ 0.00 | N/A | N/A |
|  |  |  |  |  |  |
|  |  | **Addl Unit** |  |  |  |
| Advanced – Basic – New | N/A | $ 0.79 | $ 0.00 | N/A | N/A |
| Advanced – Basic – Disconnect | N/A | $ 0.79 | $ 0.00 | N/A | N/A |
| Advanced - Basic – Records | N/A | N/A | N/A | N/A | N/A |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **LINE AND STATION TRANSFER[[9]](#footnote-9)** | N/A | N/A | N/A | $ 147.75 | N/A |
|  |  |  |  |  |  |
| **UNBUNDLED LOOP** |  |  |  |  |  |
|  |  |  |  |  |  |
| Exchange - Basic – New | $ 56.38 | $ 29.33 | $ 0.16 | $ 21.95 | $ 12.69 |
| Exchange - Basic – Subsequent | $ 51.20 | $ 23.85 | $ 0.16 | $ 23.06 | $ 0.00 |
| Exchange - Basic – Disconnect | $ 47.96 | $ 20.61 | $ 0.16 | $ 8.58 | $ 5.12 |
| Exchange - Basic – Records | $ 46.47 | $ 19.18 | N/A | N/A | N/A |
|  |  |  |  |  |  |
| Advanced - Basic – New | $ 61.79 | $ 34.39 | $ 0.16 | $ 37.64 | $ 20.73 |
| Advanced - Basic – Subsequent | $ 52.03 | $ 23.51 | $ 0.16 | $ 19.68 | $ 0.00 |
| Advanced - Basic – Disconnect | $ 48.91 | $ 21.14 | $ 0.16 | $ 10.83 | $ 7.16 |
| Advanced - Basic – Records | $ 46.56 | $ 19.22 | N/A | N/A | N/A |
|  |  |  |  |  |  |
| Advanced – Complex – New | $ 61.79 | $ 34.39 | $ 0.16 | $ 122.77 | $ 65.50 |
| Advanced - Complex – Subsequent | $ 52.03 | $ 23.51 | $ 0.16 | $ 0.00 | $ 0.00 |
| Advanced - Complex – Disconnect | $ 48.91 | $ 21.14 | $ 0.16 | $ 17.68 | $ 14.12 |
| Advanced - Complex – Records | $ 46.56 | $ 19.22 | N/A | N/A | N/A |
|  |  |  |  |  |  |
|  |  | **Addl Unit** |  |  |  |
| Exchange - Basic – New | $ 3.17 | $ 3.17 | $ 0.00 | N/A | N/A |
| Exchange - Basic – Subsequent | $ 1.99 | $ 1.99 | $ 0.00 | N/A | N/A |
| Exchange - Basic – Disconnect | $ 1.82 | $ 1.82 | $ 0.00 | N/A | N/A |
| Exchange - Basic – Records | N/A | N/A | N/A | N/A | N/A |
|  |  |  |  |  |  |
| Advanced - Basic – New | $ 3.61 | $ 3.61 | $ 0.00 | N/A | N/A |
| Advanced - Basic – Subsequent | $ 1.90 | $ 1.90 | $ 0.00 | N/A | N/A |
| Advanced - Basic – Disconnect | $ 3.56 | $ 3.56 | $ 0.00 | N/A | N/A |
| Advanced - Basic – Records | N/A | N/A | N/A | N/A | N/A |
|  |  |  |  |  |  |
| Advanced – Complex – New | $ 3.61 | $ 3.61 | $ 0.00 | N/A | N/A |
| Advanced - Complex – Subsequent | $ 1.90 | $ 1.90 | $ 0.00 | N/A | N/A |
| Advanced - Complex – Disconnect | $ 3.56 | $ 3.56 | $ 0.00 | N/A | N/A |
| Advanced - Complex – Records | N/A | N/A | N/A | N/A | N/A |
|  |  |  |  |  |  |
| **MULTIPLEXING** |  |  |  |  |  |
|  |  |  |  |  |  |
| Multiplexing DS1/DS0 – New | N/A | $ 3.97 | $ 0.16 | $ 103.88 | N/A |
| Multiplexing DS3/DS1 – New | N/A | $ 3.97 | $ 0.16 | $ 113.23 | N/A |
|  |  |  |  |  |  |
| Multiplexing DS1/DS0 – Disconnect | N/A | $ 3.97 | $ 0.16 | $ 46.73 | N/A |
| Multiplexing DS3/DS1 – Ordering | N/A | $ 3.97 | $ 0.16 | $ 46.95 | N/A |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **INTEROFFICE DEDICATED TRANSPORT (IDT)** |  |  |  |  |  |
|  |  |  |  |  |  |
| Advanced - Basic – New | $ 71.28 | $ 45.71 | $ 0.71 | $ 87.35 | $ 57.46 |
| Advanced - Basic – Subsequent | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |
| Advanced - Basic – Disconnect | $ 44.02 | $ 18.43 | $ 0.71 | $ 46.19 | $ 38.77 |
| Advanced - Basic – Records | $ 41.64 | $ 14.47 | N/A | $ 110.88 | $ 94.09 |
|  |  |  |  |  |  |
| Advanced – Complex – New | $ 71.28 | $ 45.71 | $ 0.71 | $ 0.00 | $ 0.00 |
| Advanced - Complex –Subsequent | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 | $ 0.00 |
| Advanced - Complex – Disconnect | $ 44.02 | $ 18.43 | $ 0.71 | $ 46.19 | $ 38.77 |
| Advanced - Complex – Records | $ 41.64 | $ 14.47 | N/A | N/A | N/A |
|  |  |  |  |  |  |
|  |  | **Addl Unit** |  |  |  |
| Advanced - Basic – New | $ 5.55 | $ 5.55 | $ 0.00 | N/A | N/A |
| Advanced - Basic – Subsequent | $ 0.00 | $ 0.00 | $ 0.00 | N/A | N/A |
| Advanced - Basic – Disconnect | $ 2.38 | $ 2.38 | $ 0.00 | N/A | N/A |
| Advanced - Basic – Records | N/A | N/A | N/A | N/A | N/A |
|  |  |  |  |  |  |
| Advanced – Complex – New | $ 5.55 | $ 5.55 | $ 0.00 | N/A | N/A |
| Advanced - Complex – Subsequent | $ 0.00 | $ 0.00 | $ 0.00 | N/A | N/A |
| Advanced - Complex – Disconnect | $ 2.38 | $ 2.38 | $ 0.00 | N/A | N/A |
| Advanced - Complex – Records | N/A | N/A | N/A | N/A | N/A |
|  |  |  |  |  |  |
| **CLEAR CHANNEL CAPABILITY** |  |  |  |  |  |
| Clear Channel Capability | N/A | N/A | N/A | $ 90.00 | N/A |
|  |  |  |  |  |  |
| **OTHER** |  |  |  |  |  |
|  |  |  |  |  |  |
| Customer Record Search (per account) | $ 4.21 |  | N/A | N/A | N/A |
| CLEC Account Establishment (per CLEC) | $ 166.32 | $ 166.32 | N/A | N/A | N/A |
| Design Change Charge | $ 27.00 | $ 27.00 | N/A | N/A | N/A |
| Transfer of Service Charge, per order transferred |  |  |  | $ 15.83**♦** |  |
|  |  |  |  |  |  |
| **ROUTINE NETWORK MODIFICATIONS** |  |  |  |  |  |
|  |  |  |  |  |  |
| Clear Defective Pair | N/A | N/A | N/A | TBD | N/A |
| Reassignment of Non-Working Cable Pair | N/A | N/A | N/A | TBD | N/A |
| Binder Group Rearrangement | N/A | N/A | N/A | TBD | N/A |
| Repeater – Installation | N/A | N/A | N/A | TBD | N/A |
| Apparatus Case – Installation | N/A | N/A | N/A | TBD | N/A |
| Range Extenders – DS0 Installation | N/A | N/A | N/A | TBD | N/A |
| Range Extenders – DS1 Installation | N/A | N/A | N/A | TBD | N/A |
| Channel Unit to Universal/Cotted DLC System (existing) | N/A | N/A | N/A | TBD | N/A |
| Serving Terminal – Installation/Upgrade | N/A | N/A | N/A | TBD | N/A |
| Activate Dead Copper Pair | N/A | N/A | N/A | TBD | N/A |
| Multiplexer – 1/0 – Installation | N/A | N/A | N/A | TBD | N/A |
|  |  |  |  |  |  |
| Multiplexer – 1/0 – Reconfiguration | N/A | N/A | N/A | TBD | N/A |
| Multiplexer – 3/1 – Installation | N/A | N/A | N/A | TBD | N/A |
| Multiplexer – 3/1 – Reconfiguration | N/A | N/A | N/A | TBD | N/A |
| Multiplexer – Other – Installation | N/A | N/A | N/A | TBD | N/A |
| Move Drop | N/A | N/A | N/A | TBD | N/A |
| Cross-Connection – Existing Fiber Facility | N/A | N/A | N/A | TBD | N/A |
| Line Card – Installation | N/A | N/A | N/A | TBD | N/A |
| Copper Rearrangement | N/A | N/A | N/A | TBD | N/A |
| Central Office Terminal – Installation | N/A | N/A | N/A | TBD | N/A |
| IDLC Only Condition | N/A | N/A | N/A | TBD | N/A |
|  |  |  |  |  |  |
| **OTHER** |  |  |  |  |  |
|  |  |  |  |  |  |
| Commingled Arrangements – per circuit NRC | N/A | N/A | N/A | TBD | N/A |
| Conversion – Service Order | N/A | N/A | N/A | TBD | N/A |
| Conversion - Installation per circuit | N/A | N/A | N/A | TBD | N/A |
| Circuit Retag – per circuit | N/A | N/A | N/A | TBD | N/A |
| Dark Fiber – Dark Fiber Routine Network Modifications | N/A | N/A | N/A | TBD | N/A |

♦ Certain of the rates and charges set forth in this Appendix, as indicated by a “diamond” (“♦”), are, or are based upon, arbitrated rates taken from Case No. 97-01-022 dated January 13, 1997 (the AT&T/GTE Arbitration) and Case No. 97-01-045 dated January 23, 1997 (the MCI/GTE Arbitration). Frontier has agreed to use and to incorporate herein such rates that are marked with a “♦” subject to the following: The Parties expressly agree (1) that such rates that are marked with a “♦” shall not be deemed to have been voluntarily negotiated by the Parties, and (2) that such rates that are marked with a “♦” shall not apply to Internet Traffic, as set forth more fully in the Interconnection Attachment of this Agreement. The foregoing shall not, in any way, limit any other term, condition, limitation or reservation of right in the Agreement that applies to rates, including, but not limited to the Reservation of Rights language of the General Terms and Conditions. The Parties further agree that the Commission’s Orders in Docket Nos. 97-01-022 and 97-01-045, to the extent such Orders established the rates that are marked with a “♦”, shall be deemed an “arbitration decision associated with this Agreement” under the General Terms and Conditions.

**Application of NRCs**

Preordering:

CLEC Account Establishment is a one-time charge applied the first time that {{ACNA}} orders any service from this Agreement.

Customer Record Search applies when {{ACNA}} requests a summary of the services currently subscribed to by the end-user.

Ordering and Provisioning:

Exchange ISO applies per Local Service Request (LSR) and Access Service Request (ASR) when no engineering work activity is required to complete the order.

Advanced ISO applies per LSR/ASR when engineering work activity is required to complete the order.

Initial Service Order (ISO) applies to each LSR and ASR for new service. Charge is Manual, Semi-Mechanized, or Mechanized.

Subsequent Service Order (SSO) applies to each LSR/ASR for modifications to an existing service. Charge is Manual, Semi-Mechanized, or Mechanized.

Mechanized service orders are service orders received through Frontier’s electronic ordering interface that are processed directly to the Frontier legacy Service Order Processor system (SOP) without manual intervention by Frontier personnel. Mechanized service orders require no action by a Frontier service representative to input the order into the SOP. Semi-Mechanized service orders are service orders received through Frontier’s electronic ordering interface, but for which there is manual intervention by Frontier personnel to process the orders into the Frontier SOP. Manual service orders are service orders that are submitted by telephonic facsimile (fax) transmission.

Ordering - Initial Unit applies per ISO for the first unit ordered. The Additional Unit applies for each additional unit ordered on the same ISO.

Connect – Applies at time of ISO.

Disconnect – Applies at time CLEC terminates a customer record.

Record – Applies when a CLEC makes a change to existing customer record.

Service Connection: – Initial Unit applies per ISO for the first unit installed. The Additional Unit applies for each additional unit installed on the same ISO.

Basic Provisioning applies to services that can be provisioned using standard network components maintained in inventory without specialized instructions for switch translations, routing, and service arrangements.

Complex Provisioning applies to services that require special instruction for the provisioning of the service to meet the customer's needs.

Examples of services and their Ordering/Provisioning category that applies:

Exchange-Basic: Standard Sub-Loop Distribution, Drop and NID.

Non-loaded Sub-Loop Distribution and Loop Conditioning.

Advanced-Basic: 2-Wire Digital Loop, 4-Wire Digital Loop

Advanced-Complex: DS1 Loop, DS3 Loop, Dark Fiber and EELs.

Conditioning applies in addition to the ISO, for each Loop or Sub-Loop UNE for the installation and grooming of Conditioning requests.

DS1 Clear Channel Capability applies in addition to the ISO, per DS1 for the installation and grooming of DS1 Clear Channel Capability requests.

Service Inquiry – Dark Fiber applies per service inquiry when a CLEC requests Frontier to determine the availability of dark fiber on a specific route.

Custom Handling (These NRCs are in addition to any Preordering or Ordering and Provisioning NRCs):

Service Order Expedite applies if {{ACNA}} requests service prior to the standard due date intervals and the expedite request can be met by Frontier.

Coordinated Conversion applies if {{ACNA}} requests notification and coordination of service cutover prior to the service becoming effective.

Hot Coordinated Conversion First Hour applies if {{ACNA}} requests real-time coordination of a service cutover that takes one hour or less.

Hot Coordinated Conversion Per Additional Quarter Hour applies, in addition to the Hot Coordinated Conversion First Hour, for every 15-minute segment of real-time coordination of a service cut-over that takes more than one hour.

Design Change Charge applies to orders for design changes requested by the CLEC.

Transfer of Service Charge per Order applies per Order transferred.

Rates and Charges for 9-1-1 Transport

Per Section I.C above, “Facilities and Transport for Interconnection”.

See General Exchange Tariff

9-1-1 Emergency Telephone Service

Schedule CAL. P.U.C. No. A-5;

Private Switch (PS) 9-1-1 Automatic Location Identification Emergency Telephone Service

Schedule CAL. P.U.C. No. A-7; and

Competitive Access Services – Enhanced 911 Service (Wholesale)

Schedule CAL. P.U.C. No. K-5.

Collocation Rates and Charges

**1. Application of Rates and Charges**

See General Exchange Tariff

Competitive Access Services – Collocation Service

Schedule Cal. P.U.C. No. K-7.

**2. Caged Collocation**

**Monthly Nonrecurring**

2.1 Application Fees

Per request, per collocation arrangement

Basic Application Fee $ 1,000.00

Cage Expansion $ 600.00

Additional Cabling Only $ 600.00

Power Augment Only $ 600.00

Minor Augment $ 150.00

2.2 Engineering and Administration Fees

Per request, per collocation arrangement

Basic Engineering and Administration Fee $ 643.00

Cage Expansion $ 575.00

Additional Cabling Only $ 570.00

Power Augment Only $ 478.00

Minor Augment $ 122.00

2.3 Space Conditioning, per sq foot $ 215.38

2.4 Occupancy, per sq foot $ 3.75

2.5 Direct Current (DC) Power Charges

DC Power Consumption,

per load amp ordered on each feed $ 25.17

DC Power Cable Size Distribution

Per feed fused up to 15 amps $ 9.45

Per feed fused up to 30 amps $ 13.46

Per feed fused up to 45 amps $ 20.99

Per feed fused up to 60 amps $ 25.89

Per feed fused up to 70 amps $ 42.55

Per feed fused up to 100 amps $ 57.34

Per feed fused up to 125 amps $ 57.34

Note: As used in this section, “Collocation Rates and Charges”:

“NRC” means non-recurring charge.

“MRC” means monthly recurring charge.

“ICB” means individual case basis.

**Monthly Nonrecurring**

2.6 Service Access Charge (SAC) Cable and Frame Termination

Voice Grade, per 100 cable terminations $ 24.86 $ 2,231.83

DS1, per 28 DS1 cable terminations $ 20.34 $ 1,825.68

DS3/STS-1, per DS3/STS-1 cable terminations $ 5.87 $ 526.77

Fiber, per 12 fiber cable terminations $ 18.86 $ 1,692.85

2.7 Conduit, per innerduct, per foot $ 0.07

2.8 Entrance Fiber Cable Rack & Support, per cable per foot $ 0.15

2.9 Cable Placement and Splicing

Technician Labor, per Technician, per hour or fraction thereof $ 81.95

Engineer Labor, per Engineer, per hour or fraction thereof $ 134.72

Cable Pull & Splice, Billed Time & Materials ICB

Contract Labor ICB

**3. Cageless Collocation**

**Monthly Nonrecurring**

3.1 Application Fees

Per request, per collocation arrangement

Basic Application Fee $ 1,000.00

Additional Cabling Only $ 600.00

Power Augment Only $ 600.00

Minor Augment $ 150.00

3.2 Engineering and Administration Fees

Per request, per collocation arrangement

Basic Engineering and Administration Fee $ 643.00

Additional Cabling Only $ 570.00

Power Augment Only $ 478.00

Minor Augment $ 122.00

3.3 Space Conditioning, per 15 sq ft area or fraction thereof $ 4,407.05

3.4 Occupancy, per 15 sq ft area or fraction thereof $ 56.32

3.5 Direct Current (DC) Power Charges

DC Power Consumption,

per load amp ordered on each feed $ 25.17

DC Power Cable Size Distribution

Per feed fused up to 15 amps $ 9.45

Per feed fused up to 30 amps $ 13.46

Per feed fused up to 45 amps $ 20.99

Per feed fused up to 60 amps $ 25.89

Per feed fused up to 70 amps $ 42.55

Per feed fused up to 100 amps $ 57.34

Per feed fused up to 125 amps $ 57.34

3.6 Service Access Charge (SAC) Cable and Frame Termination

Voice Grade, per 100 cable terminations $ 24.86 $ 2,231.83

DS1, per 28 DS1 cable terminations $ 20.34 $ 1,825.68

DS3/STS-1, per DS3/STS-1 cable terminations $ 5.87 $ 526.77

Fiber, per 12 fiber cable terminations $ 18.86 $ 1,692.85

3.7 Conduit, per innerduct, per foot $ 0.07

3.8 Entrance Fiber Cable Rack & Support, per cable per foot $ 0.15

3.9 Cable Placement and Splicing

Technician Labor, per Technician, per hour or fraction thereof $ 81.95

Engineer Labor, per Engineer, per hour or fraction thereof $ 134.72

Cable Pull & Splice, Billed Time & Materials ICB

Contract Labor ICB

**4. Virtual Collocation**

**Monthly Nonrecurring**

4.1 Application Fees

Per request, per collocation arrangement

Basic Application Fee $ 1,000.00

Augment - Rearrangement of Equipment $ 500.00

Power Augment Only $ 500.00

Minor Augment $ 150.00

Software Upgrades, per upgrade, per collo arrangement $ 500.00

Additional Cards, per shelf, per collocation arrangement $ 500.00

4.2 Engineering and Administration Fees

Per request, per collocation arrangement

Basic Engineering and Administration Fee $ 630.00

Augment – Rearrangement of equipment $ 471.00

Power Augment Only $ 370.00

Minor Augment $ 122.00

Software Upgrades, per upgrade, per collo arrangement $ 310.00

Additional Cards, per shelf, per collocation arrangement $ 310.00

4.3 Installation/Acceptance Testing, per request, per collo arrangement $ 1,764.72

4.4 Occupancy, per 15 sq ft area or fraction thereof $ 56.32

4.5 Direct Current (DC) Power Charges

DC Power Consumption,

per load amp ordered on each feed $ 25.17

DC Power Cable Size Distribution

Per feed fused up to 15 amps $ 9.45

Per feed fused up to 30 amps $ 13.46

Per feed fused up to 45 amps $ 20.99

Per feed fused up to 60 amps $ 25.89

Per feed fused up to 70 amps $ 42.55

Per feed fused up to 100 amps $ 57.34

Per feed fused up to 125 amps $ 57.34

4.6 Interconnection Access Charge (IAC)

Voice Grade, per 100 cable terminations $ 20.07 $ 1,801.44

DS1, per 28 DS1 cable terminations $ 17.28 $ 1,551.13

DS3/STS-1, per DS3/STS-1 cable terminations $ 5.28 $ 473.63

Fiber, per 12 fiber cable terminations $ 18.28 $ 1,640.96

4.7 Conduit, per innerduct, per foot $ 0.07

4.8 Entrance Fiber Cable Rack & Support, per cable, per ft $ 0.15

**Monthly Nonrecurring**

4.9 Cable Placement and Splicing

Technician Labor, per Technician, per hour or fraction thereof $ 81.95

Engineer Labor, per Engineer, per hour or fraction thereof $ 134.72

Cable Pull & Splice, Billed Time & Materials ICB

Contract Labor ICB

4.10 Equipment Maintenance

Per Technician

First half hour or fraction thereof $ 40.98

Each additional quarter hour or fraction thereof $ 20.49

4.11 Spare Cabinet, per half rack or fraction thereof $ 28.16

4.12 Equipment Support, per half rack or fraction thereof $ 39.26

**5. Microwave Collocation**

5.1 General

For a Microwave Collocation arrangement, in addition to the rates and charges specified for Microwave Collocation, the rates and charges specified for Caged Collocation arrangements apply. Rates and charges as specified in this Agreement also apply for the CLEC Caged, Cageless or Virtual Collocation arrangement associated with the Microwave Collocation arrangement and are in addition to the rates and charges specified for the Microwave Collocation arrangement.

**Monthly Nonrecurring**

5.2 Application Fee

Per request, per collocation arrangement

Basic Application Fee $ 1,000.00

Minor Augment $ 150.00

5.3 Engineering and Administration Fee

Per request, per collocation arrangement

Basic Engineering and Administration Fee $ 643.00

Minor Augment $ 122.00

5.4 Occupancy, per sq foot $ 3.75

5.5 Support Structure ICB

5.6 Entrance Facility Fee, per request, per entrance facility $ 1,267.00

5.7 Building Penetration ICB

5.8 Cable Rack & Support, per cable, per foot $ 0.15

5.9 Cable Placement and Splicing

Technician Labor, per Technician, per hour or fraction thereof $ 81.95

Engineer Labor, per Engineer, per hour or fraction thereof $ 134.72

Cable Pull & Splice, Billed Time & Materials ICB

Contract Labor ICB

5.10 Emergency Power and/or Environmental Support ICB

**6. Adjacent Collocation**

6.1 General

For an Adjacent Collocation arrangement, in addition to the rates and charges specified for Adjacent Collocation, the rates and charges specified for Caged Collocation arrangements apply.

**Monthly Nonrecurring**

6.2 Application Fee

Per request, per collocation arrangement

Basic Application Fee $ 1,000.00

Minor Augment $ 150.00

6.3 Engineering and Administration Fee

Per request, per collocation arrangement

Basic Engineering and Administration Fee $ 643.00

Minor Augment $ 122.00

6.4 Service Access Charge (SAC) Cable and Frame Termination

Voice Grade, per 100 cable terminations $ 24.86 $ 2,231.83

DS1, per 28 DS1 cable terminations $ 20.34 $ 1,825.68

DS3/STS-1, per DS3/STS-1 cable terminations $ 5.87 $ 526.77

Fiber, per 12 fiber cable terminations $ 18.86 $ 1,692.85

6.5 Entrance Facility Fee, per request, per entrance facility $ 1,267.00

6.6 Conduit, per innerduct, per foot $ 0.07

6.7 Entrance Fiber Cable Rack & Support, per cable per ft $ 0.15

6.8 Cable Placement and Splicing

Technician Labor, per Technician, per hour or fraction thereof $ 81.95

Engineer Labor, per Engineer, per hour or fraction thereof $ 134.72

Cable Pull & Splice, Billed Time & Materials ICB

Contract Labor ICB

**7. Splitter Arrangements**

7.1 General

Rates and charges for Splitter Arrangements apply in addition to other rates and charges for Collocation arrangements. If any cost incurred by Frontier in connection with a splitter arrangement is not recovered through a rate in this Section 7, Frontier may recover such cost by billing an appropriate charge based on the rates for the associated collocation arrangement and the rates in Section 9, below.

**Monthly Nonrecurring**

7.2 Application Fee

Per request, per splitter arrangement

Basic Application Fee $ 1,000.00

Additional Cabling Only $ 500.00

Minor Augment $ 150.00

7.3 Engineering and Administration Fee

Per request, per splitter arrangement

Basic Engineering and Administration Fee $ 630.00

Additional Cabling Only $ 471.00

Minor Augment $ 122.00

7.4 Interconnection Access Charge (IAC)—Service Access Charge (SAC)

Cable and Frame Termination

For each increment of 100 lines or less

Line Sharing/Line Splitting, Voice Grade

Option A, Splitter located inside

CLEC collocation arrangement $ 40.14 $ 3,602.88

For each increment of 100 lines or less

Line Sharing/Line Splitting, Voice Grade

Option C, Splitter located outside

CLEC collocation arrangement

and in Frontier area $ 49.72 $ 4,463.66

7.5 Installation/Acceptance Testing

Per request, per splitter arrangement $ 1,764.72

7.6 Occupancy, per 15 sq foot area or fraction thereof $ 56.32

7.7 Equipment maintenance, per technician

First half hour or fraction thereof $ 40.98

Each additional quarter hour or fraction thereof $ 20.49

7.8 Equipment Support, per half rack or fraction thereof $ 39.26

**8. Dedicated Transit Service (DTS)**

**Monthly Nonrecurring**

8.1 Service Order Charge, per order

Service Order $ 5.02

Service Order Manual Intervention Surcharge $ 104.86

8.2 Service Connection/Circuit Provisioning Charge

Voice Grade, per voice grade cross connect $ 90.22

DS1, per DS1 cross connect $ 90.22

DS3/STS-1, per DS3/STS-1 cross connect $ 184.68

Dark Fiber, per dark fiber pair cross connect $ 184.68

8.3 Interconnection Access Charge (IAC) Cable and Frame Termination

Voice Grade, per 100 cable terminations $ 20.07 $ 1,801.44

DS1, per 28 DS1 cable terminations $ 17.28 $ 1,551.13

DS3/STS-1, per DS3/STS-1 cable terminations $ 5.28 $ 473.63

Dark Fiber, per 12 fiber cable terminations $ 18.28 $ 1,640.96

**9. Other Charges**

**Monthly Nonrecurring**

9.1 Security Access Cards, per card $ 12.19

9.2 Escorting, per technician

First half hour or fraction thereof $ 40.98

Each additional quarter hour or fraction thereof $ 20.49

9.3 Training

Per technician

First half hour or fraction thereof $ 40.98

Each additional quarter hour or fraction thereof $ 20.49

Other training related costs for which the Agreement obligates

{{ACNA}} to reimburse Frontier ICB

9.4 Labor Charges

Technician or other non-engineer labor

Per technician or other non-engineer

First half hour or fraction thereof $ 40.98

Each additional quarter hour or fraction thereof $ 20.49

Engineer Labor, per engineer

First half hour or fraction thereof $ 67.36

Each additional quarter hour or fraction thereof $ 33.68

9.5 Materials Charge ICB

9.6 Contractor and Vendor Charges ICB

9.7 Direct Current (DC) Power Charges

In any case where Frontier provides -48V DC electric power and Sections 2.5, 3.5 and 4.5 do not apply, the rates for such -48V DC electric power shall be the rates in Section 2.5.

9.8 BITS Charges

Per request, per timing output port $ 22.81

Per timing output port $ 6.16

9.9 Site Survey/Report, per request, per central office $ 977.61

**Collocation**

**Section 1 - Application of Rates and Charges**

1.0 General Rules

A. Application Fees

Application Fees apply to all installations of collocation arrangements and to all other services, facilities, arrangements, and the like, provided, and activities performed, by Frontier

B. Engineering and Administration Fees

Engineering and Administration Fees apply to all installations of collocation arrangements and to all other services, facilities, arrangements, and the like, provided, and activities performed, by Frontier.

C. Occupancy

Occupancy charges apply to all collocation arrangements.

D. Space Conditioning

Space Conditioning charges apply to all Caged and Cageless collocation arrangements.

2.0 Caged Collocation – Application of Rates and Charges

2.1 Application Fees

A. The following charges apply for processing CLEC applications.

1. **Basic Application Fee—**Applies when a CLEC is an applicant for a caged collocation arrangement.

2. **Cage Expansion—**Applies when a CLEC expands an existing caged collocation arrangement. This fee also covers a CLEC request for additional SAC cable and frame terminations that is submitted as part of the CLEC’s application for expansion of an existing caged collocation arrangement. For a non-contiguous cage expansion, the “Basic Application Fee” applies.

3. **Additional Cabling Only—**Applies when a CLEC requests additional SAC cable and frame terminations.

4. **Power Augment Only—**Applies when a CLEC requests additional –48V DC power feeds to a caged collocation arrangement.

5. **Minor Augment—**Applies when a CLEC requests Frontier to provide a service, facility, arrangement, or the like, or perform an activity, and an Application Fee listed in Sections 2.1.A.1 through .4, above, does not apply. Minor Augments include, but are not limited to, a DC Power reduction, transfer of ownership, inventory services, and termination of a caged collocation arrangement.

2.2 Engineering and Administration Fees

A. The Engineering and Administration Fees are in addition to the Application Fees.

1. **Basic Engineering and Administration Fee—**Applies when a CLEC is an applicant for a caged collocation arrangement.

2. **Cage Expansion—**Applies when a CLEC expands an existing caged collocation arrangement. This fee also covers a CLEC request for additional SAC cable and frame terminations that is submitted as part of the CLEC’s application for expansion of an existing caged collocation arrangement. For a non-contiguous cage expansion, the “Basic Engineering and Administration Fee” applies.

3. **Additional Cabling Only—**Applies when a CLEC requests additional SAC cable and frame terminations.

4. **Power Augment Only—**Applies when a CLEC requests additional –48V DC power feeds to a caged collocation arrangement.

5. **Minor Augment—**Applies when a CLEC requests Frontier to provide a service, facility, arrangement, or the like, or perform an activity, and an Engineering and Administration Fee listed in Sections 2.2.A.1 through .4, above, does not apply. Minor Augments include, but are not limited to, a DC Power reduction, transfer of ownership, inventory services, and termination of a caged collocation arrangement.

2.3 Space Conditioning

Applies on a per square foot basis based on the total square footage of the caged collocation arrangement. The Space Conditioning charge is a non-recurring charge for conditioning collocation space within a Frontier premises and applies for all caged collocation arrangements. The Space Conditioning charge does not cover construction of the collocation cage.

2.4 Occupancy

Applies on a per square foot basis based on the total square footage of the caged collocation arrangement. The Occupancy charge is a monthly recurring charge that applies for all caged collocation arrangements for the use of space within a Frontier premises.

2.5 Direct Current (DC) Power Charges

A. DC Power—Applies for the provision of –48V DC electric power.

1. The **DC Power Consumption** charge is assessed per load amp based upon the total number of load amps ordered on each feed.

2. The **DC Power Cable Size Distribution** charge is assessed per power cable feed based on the total fused amps capacity of the feed.

2.6 Service Access Charge (SAC) Cable and Frame Termination

The Service Access Charge (SAC) cable and frame termination Nonrecurring Charge (NRC) and Monthly Recurring Charge (MRC) apply for the connection of Frontier cable and frame terminations. They are assessed upon the installation of the terminations and associated cabling. Terminations will connect to a distribution frame as determined by Frontier.

2.7 Conduit

Conduit fees apply for conduit from Manhole Zero (the first Frontier manhole outside of the Frontier wire center) to the Frontier wire center cable vault. A monthly rate applies, per innerduct, per foot. This charge applies in addition to the charges in Section 2.9, following.

2.8. Entrance Fiber Cable Rack & Support

Applies for cable rack and support from the Frontier wire center cable vault to the caged collocation arrangement. The fee covers the cable rack and high steel support as well as cable holes and associated firestop protection. A monthly rate applies, per fiber cable, per foot. This charge applies in addition to the charges in Section 2.9, following.

2.9 Cable Placement and Splicing

A. **Technician Labor/Engineer Labor**. Hourly rates apply per Frontier technician/engineer, for placing cable from Manhole Zero to the splice point and splicing the cable. The technician's/engineer's time is multiplied by the appropriate labor rate.

B. **Cable Pull and Splice**. Time and materials charges apply for conduit and the cable rack associated with cable placement and splice work when cable is extended from Manhole Zero to the caged collocation arrangement.

C. **Contract Labor**. When contractor labor is provided in association with cable placement and splice work, Frontier will bill the CLEC for all labor charges that may be incurred.

D. The charges in this Section 2.9 apply in addition to the charges in Sections 2.7 and 2.8, above.

3.0 Cageless Collocation – Application of Rates and Charges

3.1 Application Fees

A. The following charges apply for processing CLEC applications.

1. **Basic Application Fee—**Applies when a CLEC is an applicant for a cageless collocation arrangement.

2. **Additional Cabling Only—**Applies when a CLEC requests additional SAC cable and frame terminations.

3. **Power Augment Only—**Applies when a CLEC requests additional –48V DC power feeds to a cageless collocation arrangement.

4. **Minor Augment**—Applies when a CLEC requests Frontier to provide a service, facility, arrangement, or the like, or perform an activity, and an Application Fee listed in Sections 3.1.A.1 through .3, above, does not apply. Minor Augments include, but are not limited to, a DC Power reduction, transfer of ownership, inventory services, and termination of a cageless collocation arrangement.

3.2 Engineering and Administration Fees

A. The Engineering and Administration Fees are in addition to the Application Fees.

1. **Basic Engineering and Administration Fee—**Applies when a CLEC is an applicant for a cageless collocation arrangement.

2. **Additional Cabling Only—**Applies when a CLEC requests additional SAC cable and frame terminations.

3. **Power Augment Only—**Applies when a CLEC requests additional –48V DC power feeds to a cageless collocation arrangement.

4. **Minor Augment—**Applies when a CLEC requests Frontier to provide a service, facility, arrangement, or the like, or perform an activity, and an Engineering and Administration Fee listed in Sections 3.2.A.1 through .3, above, does not apply. Minor Augments, include, but are not limited to, a DC Power reduction, transfer of ownership, inventory services, and termination of a cageless collocation arrangement.

3.3 Space Conditioning

Applies per fifteen square foot area (the equivalent of one standard equipment bay) or fraction thereof. The Space Conditioning charge is a non-recurring charge for conditioning collocation space within a Frontier premises and applies for all cageless collocation arrangements.

3.4 Occupancy

Applies per fifteen square foot area (the equivalent of one standard equipment bay) or fraction thereof. The Occupancy charge is a monthly recurring charge that applies for all cageless collocation arrangements for the use of space within a Frontier premises.

3.5 Direct Current (DC) Power Charges

A. **DC Power—** Applies for the provision of –48V DC electric power.

1. The **DC Power Consumption** charge is assessed per load amp based upon the total number of load amps ordered on each feed.

2. The **DC Power Cable Size Distribution** charge is assessed per power cable feed based on the total fused amps capacity of the feed.

3.6 Service Access Charge (SAC) Cable and Frame Termination

The Service Access Charge (SAC) cable and frame termination Nonrecurring Charge (NRC) and Monthly Recurring Charge (MRC) apply for the connection of Frontier cable and frame terminations. They are assessed upon the installation of the terminations and associated cabling. Terminations will connect to a distribution frame as determined by Frontier.

3.7 Conduit

Conduit fees apply for conduit from Manhole Zero (the first Frontier manhole outside of the Frontier wire center) to the Frontier wire center cable vault. A monthly rate applies, per innerduct, per foot. This charge applies in addition to the charges in Section 3.9, following.

3.8 Entrance Fiber Cable Rack & Support

Applies for cable rack and support from the Frontier wire center cable vault to the cageless collocation arrangement. The fee covers the cable rack and high steel support as well as cable holes and associated firestop protection. A monthly rate applies, per fiber cable, per foot. This charge applies in addition to the charges in Section 3.9, following.

3.9 Cable Placement and Splicing

A. **Technician Labor/Engineer Labor**. Hourly rates apply per Frontier technician/engineer, for placing cable from Manhole Zero to the splice point and splicing the cable. The technician's/engineer's time is multiplied by the appropriate labor rate.

B. **Cable Pull & Splice**. Time and materials charges apply for conduit and the cable rack associated with cable placement and splice work when cable is extended from Manhole Zero to the cageless collocation arrangement.

C. **Contract Labor**. When contractor labor is provided in association with cable placement and splice work, Frontier will bill the CLEC for all labor charges that may be incurred.

D. The charges in this Section 3.9 apply in addition to the charges in Sections 3.7 and 3.8, above.

4.0 Virtual Collocation – Application of Rates and Charges

4.1 Application Fees

A. The following charges apply for processing CLEC applications.

1. **Basic Application Fee—**Applies when a CLEC is an applicant for a virtual collocation arrangement.

2. **Augment–Rearrangement of Equipment—**Applies when a CLEC requests additional IAC cabling. This charge also applies if the CLEC has an existing virtual collocation arrangement and the CLEC requests that equipment be added (except for the addition of cards covered by Section 4.1.A.5, below), reconfigured and/or recabled. Rearrangements also are subject to this charge.

3. **Power Augment Only—**Applies when a CLEC requests additional –48V DC power feeds to a virtual collocation arrangement.

4. **Software Upgrades—**Applies in connection with software upgrades to collocated equipment.

5. **Additional Cards—**Applies in connection with adding cards to collocated equipment.

6. **Minor Augment**—Applies when a CLEC requests Frontier to provide a service, facility, arrangement, or the like, or perform an activity, and an Application Fee listed in Sections 4.1.A.1 through .5, above, does not apply. Minor Augments include, but are not limited to, a DC Power reduction, removal of virtually collocated equipment, transfer of ownership, inventory services, and termination of a virtual collocation arrangement.

4.2. Engineering and Administration Fees

A. The Engineering and Administration Fees are in addition to the Application Fees.

1. **Basic Engineering and Administration Fee—**Applies when a CLEC is an applicant for a virtual collocation arrangement.

2. **Augment–Rearrangement of Equipment—**Applies when a CLEC requests additional IAC cabling. This charge also applies if the CLEC has an existing virtual collocation arrangement and the CLEC requests that equipment be added (except for the addition of cards covered by Section 4.2.A.5, below), reconfigured and/or recabled. Rearrangements also are subject to this charge.

3. **Power Augment Only—**Applies when a CLEC requests additional –48V DC power feeds to a virtual collocation arrangement.

4. **Software Upgrades—**Applies in connection with software upgrades to collocated equipment.

5. **Additional Cards—**Applies in connection with adding cards to collocated equipment.

6. **Minor Augment**—Applies when a CLEC requests Frontier to provide a service, facility, arrangement, or the like, or perform an activity, and an Engineering and Administration Fee listed in Sections 4.2.A.1 through .5, above, does not apply. Minor Augments include, but are not limited to, DC Power reduction, removal of virtually collocated equipment, transfer of ownership, inventory services, and termination of a virtual collocation arrangement.

4.3 Installation/Acceptance Testing

A. Applies for the installation of virtually collocated equipment.

1. An installation fee will be developed on an individual case basis for CLEC-specified equipment which is non-standard or equipment which cannot be reasonably classified as either OC3, OC12, OC48 or Litespan.

4.4 Occupancy

Applies per fifteen square foot area (the equivalent of one standard equipment bay) or fraction thereof. The Occupancy charge is a monthly recurring charge that applies for all virtual collocation arrangements for the use of space within a Frontier premises.

4.5 Direct Current (DC) Power Charges

A. **DC Power—**Applies for the provision of –48V DC electric power.

1. The **DC Power Consumption** charge is assessed per load amp based upon the total number of load amps ordered on each feed.

2. The **DC Power Cable Size Distribution** charge is assessed per power cable feed based on the total fused amps capacity of the feed.

4.6 Interconnection Access Charge (IAC)

A. An Interconnection Access Charge (IAC) non-recurring charge (NRC) applies for engineering, furnishing, and installing the cabling between the collocated equipment and Frontier’s distribution/cross connect frames, along with associated termination block or panel. If a non-standard arrangement requires special cabling or equipment, this charge will be adjusted accordingly. There will be a separate NRC assessed at each transmission rate at the time of the equipment installation.

B. An IAC monthly recurring charge (MRC) applies for the ongoing support of the cabling and its associated terminations on Frontier equipment. It is assessed for connections between the collocated equipment and Frontier’s distribution/cross connect frames.

4.7 Conduit

Conduit fees apply for conduit from Manhole Zero (the first Frontier manhole outside of the Frontier wire center) to the Frontier wire center cable vault. A monthly rate applies, per innerduct, per foot. This charge applies in addition to the charges in Section 4.9, following.

4.8 Entrance Fiber Cable Rack & Support

Applies for cable rack and support from the Frontier wire center cable vault to the virtual collocation arrangement. The fee covers the cable rack and high steel support as well as cable holes and associated firestop protection. A monthly rate applies, per fiber cable, per foot. This charge applies in addition to the charges in Section 4.9, following.

4.9 Cable Placement and Splicing

A. **Technician Labor/Engineer Labor**. Hourly rates apply per Frontier technician/engineer, for placing cable from Manhole Zero to the splice point and splicing the cable. The technician's/engineer's time is multiplied by the appropriate labor rate.

B. **Cable Pull & Splice**. Time and materials charges apply for conduit and the cable rack associated with cable placement and splice work when cable is extended from Manhole Zero to the virtual collocation arrangement.

C. **Contract Labor**. When contractor labor is provided in association with cable placement and splice work, Frontier will bill the CLEC for all labor charges that may be incurred.

D. The charges in this Section 4.9 apply in addition to the charges in Sections 4.7 and 4.8, above.

4.10 Equipment Maintenance

Charges for a technician's time spent servicing the virtual collocation arrangement will be billed to the CLEC.

4.11 Spare Cabinet

A CLEC with virtual collocation may elect to have Frontier install a CLEC-provided cabinet in the Frontier premises to house spare plug-ins for the CLEC’s equipment. This monthly charge is assessed per half rack or fraction thereof.

4.12 Equipment Support

The Equipment Support Charge is a monthly charge for the equipment bay which houses the CLEC’s virtual collocation equipment. It is assessed per half rack or fraction thereof.

5.0 Microwave Collocation – Application of Rates and Charges

5.1 General

For a Microwave Collocation arrangement, in addition to the rates and charges specified for Microwave Collocation, the rates and charges specified for Caged Collocation arrangements apply. Rates and charges as specified in this Agreement also apply for the CLEC Caged, Cageless or Virtual Collocation arrangement associated with the Microwave Collocation arrangement, and are in addition to the rates and charges specified for the Microwave Collocation arrangement.

5.2 Application Fees

A. The following charges apply for processing CLEC applications.

1. **Basic Application Fee—**Applies when a CLEC is an applicant for a microwave collocation arrangement.

2. **Minor Augment—**Applies when a CLEC requests Frontier to provide a service, facility, arrangement, or the like, or perform an activity, and the Application Fee listed in Section 5.2.A.1, above, does not apply. Minor Augments include, but are not limited to, a transfer of ownership, inventory services, and termination of a microwave collocation arrangement.

5.3 Engineering and Administration Fees

A. The Engineering and Administration Fees are in addition to the Application Fees.

1. **Basic Engineering and Administration Fee—**Applies when a CLEC is an applicant for a microwave collocation arrangement.

2. **Minor Augment—**Applies when a CLEC requests Frontier to provide a service, facility, arrangement, or the like, or perform an activity, and the Engineering and Administration Fee listed in Section 5.3.A.1, above, does not apply. Minor Augments include, but are not limited to, a transfer of ownership, inventory services, and termination of a microwave collocation arrangement.

5.4 Occupancy

Monthly rates are applicable for the space (typically on the rooftop of a Frontier central office building) associated with Frontier or CLEC owned antenna support structures, CLEC radio equipment and other collocated microwave-related facilities. The rate is calculated using the methodology set out in the Agreement and the rate per square foot set out in this Appendix.

5.5 Support Structure

For an antenna support structure owned by Frontier and used by CLEC, a one-time charge for a portion of the net book value of the support structure will apply. The charge is calculated using the methodology set out in the Agreement.

5.6 Entrance Facility Fee

**Entrance Facility Fee—**Covers building modifications to accommodate running cable/fiber from a microwave structure (typically on the rooftop of a Frontier central office building) into the Frontier building. Applies per request, per entrance facility.

5.7 Building Penetration

Costs for building penetration shall be paid by the CLEC. When building penetration is performed by Frontier, charges will be assessed on an individual case basis.

5.8 Cable Rack & Support

Applies for cable rack and support between the microwave antenna and/or radio equipment space and the CLEC’s caged, cageless or virtual collocation arrangement. This charge applies in addition to the charges in Section 5.9, following.

5.9 Cable Placement and Splicing

A. **Technician Labor/Engineer Labor**. Hourly rates apply per Frontier technician/engineer, for placing cable between the microwave antenna and/or radio equipment space and the CLEC’s caged, cageless or virtual collocation arrangement. The technician's/engineer's time is multiplied by the appropriate labor rate.

B. **Cable Pull and Splice**. Time and materials charges apply for the cable rack associated with placing cable between the microwave antenna and/or radio equipment space and the CLEC’s caged, cageless or virtual collocation arrangement..

C. **Contract Labor**. When contractor labor is provided in association with cable placement and splice work, Frontier will bill the CLEC for all labor charges that may be incurred.

D. These charges apply in addition to the charges in Section 5.8, above.

5.10 Emergency Power and/or Environmental Support

In the event special work must be done by Frontier to provide emergency power or environmental support to the transmitter/receiver equipment or antenna, the CLEC will be billed on a time and materials basis for the costs incurred.

6.0 Adjacent Collocation – Application of Rates and Charges

6.1 General

For an Adjacent Collocation arrangement, in addition to the rates and charges specified for Adjacent Collocation, the rates and charges specified for Caged Collocation arrangements apply.

6.2 Application Fees

A. The following charges apply for processing CLEC applications.

1. **Basic Application Fee—**Applies when a CLEC is an applicant for an adjacent collocation arrangement.

2. **Minor Augment—**Applies when a CLEC requests Frontier to provide a service, facility, arrangement, or the like, or perform an activity, and the Application Fee listed in Section 6.2.A.1, above, does not apply. Minor Augments include, but are not limited to, a transfer of ownership, inventory services, and termination of an adjacent collocation arrangement.

6.3 Engineering and Administration Fees

A. The Engineering and Administration Fees are in addition to the Application Fees.

1. **Basic Engineering and Administration Fee—**Applies when a CLEC is an applicant for a adjacent collocation arrangement.

2. **Minor Augment—**Applies when a CLEC requests Frontier to provide a service, facility, arrangement, or the like, or perform an activity, and the Engineering and Administration Fee listed in Section 6.3.A.1, above, does not apply. Minor Augments include, but are not limited to, a transfer of ownership, inventory services, and termination of an adjacent collocation arrangement.

6.4 Service Access Charge (SAC) Cable and Frame Termination

The Service Access Charge (SAC) cable and frame termination Nonrecurring Charge (NRC) and Monthly Recurring Charge (MRC) apply for the connection of Frontier cable and frame terminations. They are assessed upon the installation of the terminations and associated cabling. Terminations will connect to a distribution frame as determined by Frontier.

6.5 Entrance Facility Fee

**Entrance Facility Fee—**The entrance facility NRC recovers the cost of the manhole breakout associated with the CLEC provided off-site fiber facilities to be connected to the arrangement at the designated manhole. Applies per request, per entrance facility.

6.6 Conduit

Conduit fees apply for conduit from Manhole Zero (the first Frontier manhole outside of the Frontier wire center) to the Frontier wire center cable vault. A monthly rate applies, per innerduct, per foot. This charge applies in addition to the charges in Section 6.8, following.

6.7 Entrance Fiber Cable Rack & Support

Applies for cable rack and support from the Frontier wire center cable vault to other points on the Frontier premises. The fee covers the cable rack and high steel support as well as cable holes and associated firestop protection. A monthly rate applies, per fiber cable, per foot. This charge applies in addition to the charges in Section 6.8, following.

6.8 Cable Placement and Splicing

A. **Technician Labor/Engineer Labor**. Hourly rates apply per Frontier technician/engineer, for placing cable from Manhole Zero to the splice point and splicing the cable. The technician's/engineer's time is multiplied by the appropriate labor rate.

B. **Cable Pull and Splice**. Time and materials charges apply for conduit and the cable rack associated with cable placement and splice work when cable is extended from Manhole Zero to other points on the Frontier premises.

C. **Contract Labor**. When contractor labor is provided in association with cable placement and splice work, Frontier will bill the CLEC for all labor charges that may be incurred.

D. These charges apply in addition to the charges in Sections 6.6 and 6.7, above.

7.0 Splitter Arrangements

7.1 General

Rates and charges for splitter arrangements apply in addition to other rates and charges for Collocation arrangements. If any cost incurred by Frontier in connection with a splitter arrangement is not recovered through a rate in Section 7, Frontier may recover such cost by billing an appropriate charge based on the rates for the associated collocation arrangement and the rates in Section 9, below.

7.2 Application Fees

A. The following charges apply for processing CLEC applications.

1. **Basic Application Fee**—Applies when a CLEC requests a splitter arrangement. Also applies when a CLEC requests additional IAC/SAC cable and frame terminations. (This fee does not apply when the CLEC’s request for a splitter arrangement is submitted as part of the CLEC’s application for a new collocation arrangement and the splitter arrangement will be located within the new collocation arrangement.)

2. **Additional Cabling Only—**Applies when a CLEC requests additional IAC/SAC cable and frame terminations.

3. **Minor Augment—**Applies when a CLEC requests Frontier to provide a service, facility, arrangement, or the like, or perform an activity, and an Application Fee listed in Sections 7.2.A.1 and .2, above, does not apply.

7.3 Engineering and Administration Fees

A. The Engineering and Administration Fees are in addition to the Application Fees.

1. **Basic Engineering and Administration Fee—**Applies when a CLEC requests a splitter arrangement. Also applies when a CLEC requests additional IAC/SAC cable and frame terminations. (This fee does not apply when the CLEC’s request for a splitter arrangement is submitted as part of the CLEC’s application for a new collocation arrangement and the splitter arrangement will be located within the new collocation arrangement.)

2. **Additional Cabling Only—**Applies when a CLEC requests additional IAC/SAC cable and frame terminations.

3. **Minor Augment—**Applies when a CLEC requests Frontier to provide a service, facility, arrangement, or the like, or perform an activity, and an Engineering and Administration Fee listed in Sections 7.3.A.1 and.2, above, does not apply.

7.4 Interconnection Access Charge (IAC)—Service Access Charge (SAC) Cable and Frame Termination

The Interconnection Access Charge (IAC) (Option A – Splitter located inside CLEC collocation arrangement) and Service Access Charge (SAC) (Option C – Splitter located outside CLEC collocation arrangement and in Frontier area) cable and frame termination Nonrecurring Charge (NRC) and Monthly Recurring Charge (MRC) apply for the connection of Frontier cable and frame terminations. They are assessed upon the installation of the terminations and associated cabling. Terminations will connect to a distribution frame as determined by Frontier. These charges apply to all splitter arrangements.

7.5 Installation/Acceptance Testing

Applies for the installation of splitter equipment that is located outside of the CLEC’s collocation arrangement.

An installation fee will be developed on an individual case basis for CLEC-specified equipment which is non-standard or equipment which cannot be reasonably classified as either OC3, OC12, OC48 or Litespan.

7.6 Occupancy

Applies per fifteen square foot area (the equivalent of one standard equipment bay) or fraction thereof. The Occupancy charge is a monthly recurring charge that applies for all splitter arrangements located outside of the CLEC’s collocation arrangement for the use of space within a Frontier premises.

7.7 Equipment Maintenance

Charges for a technician's time spent servicing the splitter arrangement will be billed to the CLEC. The Equipment Maintenance charge applies for all splitter arrangements located outside of the CLEC’s collocation arrangement.

7.8 Equipment Support

The Equipment Support Charge is a monthly charge for the equipment bay which houses the CLEC’s splitter equipment that is located outside of the CLEC’s collocation arrangement. It is assessed per half-rack or fraction thereof.

8.0 Dedicated Transit Service (DTS) – Application of Rates and Charges

8.1 Service Order

A. **Service Order—**Applies per DTS service order request, for order placement and issuance.

B. **Service Order Manual Intervention Surcharge—**Applies when the mechanized interface is not used to place the order.

8.2 Service Connection/Circuit Provisioning

Applies for circuit engineering, circuit wiring and turn-up. Provisioning charges apply per voice grade cross connect, DS1 cross connect, DS3/STS-1 cross connect, and dark fiber cross connect pair.

8.3 Interconnection Access Charge (IAC) Cable and Frame Termination

The Interconnection Access Charge (IAC) cable and frame termination Nonrecurring Charge (NRC) and Monthly Recurring Charge (MRC) apply for all DTS arrangements.

9.0 Other Charges – Application of Rates and Charges

9.1 Security Access Cards

The security access card NRC is applied per card provided.

9.2 Escorting Fee

A. NRCs will apply in those circumstances where the Agreement permits Frontier to provide an escort.

B. When Frontier provides a representative to accompany a CLEC in a manhole location, time and materials charges apply.

9.3 Training Charges

Applies in those circumstances where the Agreement authorizes Frontier to charge the CLEC for training Frontier personnel.

9.4 Labor Charges

Charges for labor will apply in all circumstances where services, facilities, arrangements, or the like, are provided, or activities are performed, by Frontier and another charge listed in this Appendix does not cover Frontier’s cost for labor for providing such services, facilities, arrangements, or the like, or performing such activities.

9.5 Materials Charges

Charges for materials will apply in all circumstances where services, facilities, arrangements, or the like, are provided, or activities are performed, by Frontier and another charge listed in this Appendix does not cover Frontier’s cost for materials for providing such services, facilities, arrangements, or the like, or performing such activities.

9.6 Contractor/Vendor Charges

Charges for amounts paid by Frontier to Frontier’s contractors and vendors will apply in all circumstances where services, facilities, arrangements, or the like, are provided, or activities are performed, by Frontier and another charge listed in this Appendix does not cover Frontier’s cost for contractors and vendors used by Frontier for providing such services, facilities, arrangements, or the like, or performing such activities.

9.7 Direct Current (DC) Power Charges

In any case where Frontier provides -48V DC electric power and Sections 2.5, 3.5 and 4.5 do not apply, the rates for such -48V DC electric power shall be the rates in Section 2.5.

9.8 BITS Charges

A. **NRC Charge—**Applies per request, per timing output port requested by a CLEC.

B. **MRC Charge—**Applies per timing output port requested by a CLEC.

9.9 Site Survey/Report Fee

An NRC applies per request, per central office. If a CLEC submits an application for any caged, cageless or virtual collocation arrangement within thirty days of receipt of the site survey/report, 50% of this fee will be applied to the CLEC's Application Fee.

1. This Appendix may contain rates for (and/or reference) services, facilities, arrangements and the like that Frontier does not have an obligation to provide under the Agreement (e.g., services, facilities, arrangements and the like that Frontier is not required to provide under Section 251 of the Act). Notwithstanding any such rates (and/or references) and, for the avoidance of any doubt, nothing in this Appendix shall be deemed to require Frontier to provide a service, facility, arrangement or the like that the Agreement does not require Frontier to provide, or to provide a service, facility, arrangement or the like upon rates, terms or conditions other than those that may be required by the Agreement.

   All rates and charges set forth in this Appendix shall apply until such time as they are replaced by new rates and/or charges as the Commission or the FCC may approve or allow to go into effect from time to time, subject however, to any stay or other order issued by any court of competent jurisdiction.

   Unless a citation is provided to a generally applicable Frontier tariff, all listed rates and services are available only to {{ACNA}} when purchasing these services for use in the provision of Telephone Exchange Service and apply only to Reciprocal Compensation Traffic and local Ancillary Traffic. Frontier rates and services for use by {{ACNA}} in the carriage of Toll Traffic shall be subject to Frontier’s tariffs for Exchange Access service. Adherence to these limitations is subject to a reasonable periodic audit by Frontier. [↑](#footnote-ref-1)
2. All rates and charges specified herein are pertaining to the Interconnection Attachment. [↑](#footnote-ref-2)
3. ♠ UNE rates and charges set forth in this Appendix that are marked with a “spade” (♠) are pursuant to Commission Decision 07-10-033.

   All rates and charges specified herein are pertaining to the Unbundled Network Elements Attachment. The rates set forth herein are subject to, and shall not have the effect of limiting, Footnote 1, above. [↑](#footnote-ref-3)
4. For the avoidance of any doubt, in addition to any rates and charges set forth herein, effective as of March 11, 2005, {{ACNA}} shall pay any rates and charges that apply to a CLEC's embedded base of certain UNEs pursuant to the TRRO, the foregoing being without limitation of other rates and charges that may apply under subsequent FCC orders or otherwise. In addition, as set forth in Industry Notices, access tariff and/or other applicable non-UNE rates may apply for certain facilities and arrangements that are no longer available as unbundled network elements or combinations thereof. [↑](#footnote-ref-4)
5. This charge does not apply to 4-Wire HDSL Compatible Loops. [↑](#footnote-ref-5)
6. These rates for 2-Wire Distribution Subloops and 4-Wire Distribution Subloops do not include rates for Inside Wire. [↑](#footnote-ref-6)
7. CA D03-01-077 HFPL Final Decision [↑](#footnote-ref-7)
8. Rates for the individual line splitting components are contained in existing terms for Unbundled Network Elements and Collocation. [↑](#footnote-ref-8)
9. Line and Station Transfer (LST) Charge applies when Frontier arranges or rearranges an individual circuit at a terminal or cross-connect box to free up a pair or suitable facility at the required service location; examples include an arrangement of copper to DLC, the rearrangement of IDLC to copper and the rearrangement of IDLC to UDLC. [↑](#footnote-ref-9)