

PSC NY No. 8--COMMUNICATIONS

Verizon New York Inc.

Section 16
1st Revised Page 1
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Network Interconnection Services

16. Virtual Collocation
16.1 General

Unless otherwise specified herein, general regulations contained in Sections 1 through 4 and (C)
Sections 14 and 15 apply in addition to the regulations contained in this section. Rates and (C)
charges for services explained herein are contained in Section 35.16.

16.1.1	Description	
A.	Under virtual collocation the Telephone Company installs CLEC provided equipment which is dedicated to the exclusive use of the CLEC in a collocation arrangement. Virtual collocation will be provided by means of splicing the CLEC's fiber optic cable to a Telephone Company fiber at a transition splice point in the central office designated by the Telephone Company or by using other transport such as unbundled interoffice facilities leased from the Telephone Company, (refer to PSC NY No. 10) or from a third party. A CLEC provides fiber-optic facilities through Telephone Company entrance manholes for connection to the CLEC virtually collocated transmission equipment that provides interconnection to Telephone Company facilities located in those Telephone Company central offices/wire centers as specified in the NECA Tariff FCC No. 4. Virtual collocation at other Telephone Company facilities is available where technically feasible and where necessary for access to unbundled elements or interconnection.	(T)
1.	Virtual collocation is available at other Telephone Company facilities, where technically feasible, for interconnection or access to unbundled elements as specified in this tariff or PSC NY No. 10, respectively.	(T)
2.	The physical point of interface for connection to the virtual arrangement is referred to as manhole zero. From this manhole into the central office, the Telephone Company shall assume ownership of and maintain the fiber. From this manhole toward the CLEC's location the fiber optic cable remains the CLEC's responsibility, with the CLEC performing all servicing and maintaining full ownership. If the CLEC is purchasing Telephone Company provided unbundled interoffice facilities as transport (refer to PSC NY No. 10) the CLEC entrance fiber is not required.	(T)
3.	All elements/services shall be connected to the output cables of the virtual collocation arrangement using Telephone Company designated cable assignments, not channel assignments.	
B.	Virtual collocation is offered on a first come, first served basis and is provided subject to the availability of space and facilities in each central office where virtual collocation is requested.	

Issued in pursuant to the FCC's Fourth Report and Order in Docket No. 98-147 adopted July 12, 2001 and released August 8, 2001.

See Section 1.1.20 for Statement of Company's Reservation of Objections.

Issued: September 28, 2001

Effective: ~~October 15, 2001~~
PP 12/30/01 Supp . 4

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16.1 General

16.1.1	Description
C.	Virtual collocation is offered via a standard arrangement of OC3, OC12 and OC48 equipment interconnected to service/elements at voice grade, DS1, DS3 and STS-1 electrical tributaries interconnected at the DSX bays. Also available will be OC3, OC12 and OC48 level optical tributary connections to the fiber distribution frame. The appropriate number of each type of connection will be set at the time of the original order and installation. This will allow a CLEC to have terminal equipment placed in the central office for the required interconnection to Telephone Company services.
1.	If the CLEC requests virtual collocation of equipment other than the standard virtual arrangement, the CLEC and the Telephone Company will mutually agree upon the type of equipment to be virtually collocated.

16.1.2	Implementation Intervals and Planning
A.	The Telephone Company and the CLEC shall work cooperatively to jointly plan the implementation milestones. The Telephone Company and the CLEC shall work cooperatively in meeting those milestones and deliverables as determined during the joint planning process. A preliminary schedule will be developed outlining major milestones including anticipated delivery dates for the CLEC-provided transmission equipment and for training.
1.	The Telephone Company will notify the CLEC of issues or unanticipated delays as they become known.
2.	The Telephone Company and the CLEC shall conduct additional joint planning meetings, as reasonably required, to ensure all known issues are discussed and to address any that may impact the implementation process.
a.	Planning meetings shall include establishment of schedule, identification of tests to be performed, spare plug-in/card requirements, test equipment, and determination of the final implementation schedule.
B.	The implementation interval is 76 business days for all standard arrangement requests which were properly forecast six months prior to the application dates subject to the tariff provisions governing forecasting and capacity. The CLEC shall deliver the virtual collocation equipment to the Telephone Company premises by business day 40. The Telephone Company and the CLEC shall work cooperatively to schedule each site on a priority based order.
1.	Intervals for non-standard arrangements shall be mutually agreed upon by the Telephone Company and the CLEC.

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Issued: October 24, 2003

Effective: November 24, 2003

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16.1 General

16.1.3 Transmission Failure

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| A. | In the event of a transmission failure, the obligation to determine fault location, regardless of whether the fiber span is equipped with optical regeneration equipment, lies with the transmitting end. It is the responsibility of the receiving end to report incoming signal loss to the transmitting end. |
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16.1.4 Disputed Amounts

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| A. | If the Telephone Company and the CLEC are unable to resolve issues related to the disputed amounts (refer to Section 5.1.7), within 45 days from the first day of the dispute, then the dispute resolution procedures set forth in Section 14.4 will apply. |
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Issued: December 20, 2000

Effective: January 19, 2001

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16. Virtual Collocation
16.2 Responsibility of the Telephone Company

16.2.1 Accommodations	
A.	Upon receipt of a completed application and associated application fee, the Telephone Company will conduct an application review, engineering review and site survey at the requested central office location. The Telephone Company will notify the CLEC within ten business days of the results of this review and site survey.
B.	For arrangements established prior to March 15, 2000 the dedicated terminal equipment inside the Telephone Company's central office will be provided by the CLEC and ownership transferred to the Telephone Company for the sum of one dollar after successful installation and equipment testing by Telephone Company engineering. The Telephone Company will install, own and operate this equipment inside the central office. On March 15, 2000, Telephone Company ownership of the equipment provided by the CLEC will be converted to an operating lease.
C.	For arrangements in effect or established after March 15, 2000, the dedicated terminal equipment inside the Telephone Company's central office shall be provided by the CLEC and leased to the Telephone Company for the sum of one dollar after successful installation and equipment testing by Telephone Company engineering. The term of the operating lease will run for the duration of the virtual collocation arrangement, at which time the CLEC will remove the equipment. The CLEC will retain ownership of this equipment inside the central office. The Telephone Company will install, operate and maintain exclusive control over this equipment inside the central office.
D.	The Telephone Company is responsible for installing and servicing the equipment that will be dedicated to the CLEC's use at the direction of the CLEC. The CLEC may contract directly with a Telephone Company approved vendor for engineering and installation of the virtual collocation arrangement. Access to unbundled elements will be accomplished using distributing frame appearances of this equipment.
1.	All physical servicing of the equipment will be done by the Telephone Company or its agents.
E.	The Telephone Company shall monitor local central office and environmental alarms to support the equipment. The Telephone Company will notify the CLEC if a local office alarm detects an equipment affecting condition.
F.	The Telephone Company will be responsible to pull the fiber into and through the cable entrance facility (i.e., vault) to the splice point, and will provide and mount the appropriate splice enclosure or shelf. All installations into the cable entrance facility are performed by Telephone Company personnel.
G.	No virtual collocation arrangement will be deemed ready for service until necessary training has been completed (refer to Section 16.3.3).

Issued: December 20, 2000

Effective: January 19, 2001

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16.2 Responsibility of the Telephone Company**16.2.1 Accommodations**

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| H. | CLECs who require a connection to Telephone Company optical services or elements will be provided an optical path from the fiber distribution frame. These services/elements will be cross-connected at the fiber distribution frame using a transmit and receive fiber. This connection may not be purchased by the CLEC without direct association to an offered service or element, within the terms and conditions of that element. |
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16.2.2 Plug-ins and Spare Cards

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| A. | When a plug-in/card is determined by the Telephone Company to be defective, the Telephone Company will label the plug-in as defective and place it in the CLEC-dedicated plug-in/card storage cabinet. |
| 1. | The CLEC will be notified as the plug-in/card is replaced. |
| B. | The Telephone Company will not provide spare plug-ins/cards under any circumstances, nor is the Telephone Company responsible for the CLEC's failure to replace defective plug-ins/cards. |
| C. | The Telephone Company shall not be held responsible if the CLEC provides an inadequate supply of plug-ins/cards. |
| D. | The Telephone Company will segregate and secure the CLEC-provided maintenance spares in the CLEC-provided spare plug-in/card cabinet. |

16.2.3 Safety and Technical Standards

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| A. | The Telephone Company reserves all rights to terminate, modify or reconfigure the provision of service to the CLEC if, in the discretion of the Telephone Company, provision of service to the CLEC may in any way interfere with or adversely affect the Telephone Company's network or its ability to service other CLECs. |
| 1. | This shall include but not be limited to, splicing the CLEC-owned portion of the cable to another Telephone Company fiber optic cable. |

16.2.4 Control Over Central Office Based Equipment

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| A. | The Telephone Company exercises exclusive physical control over the central office-based transmission equipment that terminates the CLEC's circuits and provides the installation, maintenance, and repair services necessary to assure proper operation of the virtually collocated facilities and equipment. Such work will be performed by the Telephone Company under the direction of the CLEC. |
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Issued: December 20, 2000

Effective: January 19, 2001

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PSC NY No. 8—COMMUNICATIONS

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16.2 Responsibility of the Telephone Company

16.2.5 Removal of Equipment

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| A. | Noncompliant —The Telephone Company reserves the right to remove facilities and equipment from its list of approved products if such products, facilities and equipment are determined to be no longer compliant with NEBS standards or GR-1089-CORE. |
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16.2.6 Installation and Trouble Resolution

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| A. | The Telephone Company will process and prioritize the trouble ticket in the same manner it does for its own equipment, including the dispatch of a technician to the equipment. The technician will contact the CLEC at the number provided and service the equipment as instructed and directed by the CLEC. |
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16.2.7 Failure to Pay Rates and Charges

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| A. | A CLEC failing to pay the rates and charges associated with the arrangement is subject to suspension or termination of service for nonpayment, subject to the collocation dispute resolution procedures (refer to Section 14.4). |
| 1. | Late payments shall be subject to a monthly late charge if payment is not received by the due date (refer to Section 5.1.3). |

Issued: December 20, 2000

Effective: January 19, 2001

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PSC NY No. 8--COMMUNICATIONS

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16. Virtual Collocation
16.3 Responsibility of the CLEC

16.3.1 Ordering Service	
A.	Completed applications for virtual collocation must be sent directly to the Telephone Company at the attention of the following point contact, at the following address.
1.	Collocation Project Manager--Verizon, 185 Franklin Street, Room 594, Boston, MA 02110
a.	Fax: (617) 743-4830
b.	e-mail: collocation.applications@verizon.com
B.	Examples of CLEC requests for which the CLEC is required to submit an application include, but are not limited to, requests that the Telephone Company provide for; new arrangements, subsequent additions to an existing arrangement, rearrangement to an existing arrangement, and cable support common racking.
C.	The selection and assignment of pairs for specific connections of unbundled elements shall be done by the CLEC as each unbundled element is ordered. This assignment information shall be submitted with each unbundled element order.
D.	Bona Fide Request (BFR)
1.	If a CLEC requests to collocate at facilities other than a central office/wire center, the CLEC must submit the request via the bona fide request procedure as specified in PSC NY No. 10.
2.	If the CLEC requests to install a pre-wired frame, the CLEC must submit the request via the bona fide request procedure as specified in PSC NY No. 10.

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16.3.2 Placement, Removal and Monitoring of Facilities and Equipment	
A.	From manhole zero toward the CLEC's location the fiber optic cable remains the CLEC's responsibility, with the CLEC performing all servicing and maintaining full ownership.
B.	The CLEC has the responsibility to remotely monitor and control their circuits terminating in the Telephone Company's central office, however, the CLEC will not enter the Telephone Company's central office under virtual collocation arrangements.
C.	For arrangements established prior to March 15, 2000 the dedicated terminal equipment inside the central office shall be provided by the CLEC and ownership transferred to the Telephone Company for the sum of one dollar after successful installation and equipment testing by Telephone Company engineering. The Telephone Company will install, own and operate this equipment inside the central office. On March 15, 2000, Telephone Company ownership of the equipment provided by the CLEC will be converted to an operating lease.

Issued: November 1, 2010

Effective: January 3, 2011

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16.3 Responsibility of the CLEC

16.3.2 Placement, Removal and Monitoring of Facilities and Equipment	
D.	For arrangements in effect or established after March 15, 2000, the dedicated terminal equipment inside the central office shall be provided by the CLEC and leased to the Telephone Company for the sum of one dollar, after successful installation and equipment testing by Telephone Company engineering. The term of the operating lease will run for the duration of the virtual collocation arrangement, at which time the CLEC will remove the equipment. The CLEC will retain ownership of this equipment inside the central office. The Telephone Company will install, operate and maintain exclusive control over this equipment inside the central office.
E.	Performance and surveillance monitoring and trouble isolation shall be provided by the CLEC. A clear distinction must be made by the CLEC when submitting reports of troubles on the Telephone Company services/elements connected to the virtually collocated equipment and reports of troubles with the collocated equipment. The former can be handled using Telephone Company technicians and standard processes. The latter will require specially trained technicians familiar with the collocated equipment (refer to Section 16.3.3).
1.	When the CLEC isolates a trouble and determines that a Telephone Company technician should be dispatched to the equipment location for a servicing procedure, the CLEC shall enter a trouble ticket with the Telephone Company. The CLEC shall provide standard trouble information, including the virtual collocation arrangement's circuit identification, nature of the activity request, and the name and telephone number of the CLEC's technician/contact.
2.	Responses to all equipment servicing needs will be at the CLEC's direction. Maintenance will not be performed without the CLEC's direct instruction and authorization.
F.	If the CLEC is providing its own transport fiber for the virtual collocation arrangement, the CLEC will arrange placement of the fiber into manhole zero with enough length (as designated by the Telephone Company) to reach the transition splice point, (either an ASA or other splice enclosure to be determined by the Telephone Company at its sole discretion) where it will be spliced to Telephone Company-provided fire retardant cable.
G.	Maintenance activity (trouble in the equipment) is to be tested, isolated and evaluated by the CLEC. Telephone Company technicians will perform the instructed activities on the equipment as specifically directed by the CLEC.
H.	The CLEC shall provide, own, and operate the terminal equipment at their site outside the Telephone Company's central office.

Issued: December 20, 2000

Effective: January 19, 2001

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PSC NY No. 8--COMMUNICATIONS

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16. Virtual Collocation
16.3 Responsibility of the CLEC

16.3.3 Use of Non-Standard Equipment	
A.	When a CLEC requests a virtual collocation arrangement consisting of equipment which the Telephone Company does not use in its network nor has deployed in that particular central office to provide service to itself or another CLEC, the CLEC shall be responsible for training 50%, but no fewer than five, of the Telephone Company technicians in the administrative work unit responsible for servicing the equipment. Any special tools or electronic test sets that the Telephone Company does not have at the central office involved must be provided by the CLEC with adequate manufacturer's training.
1.	The CLEC is responsible to arrange and pay all costs (including but not limited to transportation and lodging for Telephone Company technicians) to have Telephone Company technicians professionally trained by appropriate trainers certified on the specific equipment to be used to provide the virtual collocation arrangement to the CLEC. The CLEC shall also pay for the Telephone Company technicians' time subject to tariffed rates. When travel is required, travel expenses associated with training will be charged to the CLEC based on ticket stubs and/or receipts. This includes paying for mileage according to the IRS rates for personal car mileage or airfare, as appropriate. The CLEC also has the option of arranging and paying for all travel expenses for Telephone Company technicians directly.
B.	In the event of an equipment upgrade, the CLEC must provide secondary training subject to the provisions contained herein.

16.3.4 Additions and Rearrangements	
A.	Once the CLEC has established a virtual collocation arrangement, changes to the existing configuration, (including but not limited to, growing, upgrading, and/or reconfiguring the current equipment) are considered rearrangements to that virtual collocation arrangement.
1.	If the CLEC decides to rearrange an existing virtual collocation arrangement, the CLEC must submit a new application outlining the details of the rearrangement along with an application fee.

Issued: December 20, 2000

Effective: January 19, 2001

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PSC NY No. 8--COMMUNICATIONS

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16.3 Responsibility of the CLEC

16.3.5 Plug-ins and Spare Cards	
A.	The CLEC shall provide the shop-wired piece of equipment fully pre-equipped with working plug-ins/cards. In addition, the CLEC shall provide the Telephone Company with maintenance spares for each plug-in/card type. The number of maintenance spares shall be the manufacturer's recommended amount, unless otherwise mutually agreed by the Telephone Company and the CLEC, provided however, that in no event shall the number of spare plug-ins/cards be less than two of each type.
1.	These spares must be tested by the CLEC prior to delivery to the Telephone Company.
B.	In addition to maintenance spares, the CLEC will also provide any unique tools or test equipment required to maintain, turn-up, or repair the equipment.
C.	Upon receiving notification from the Telephone Company that a plug-in/card has been replaced, the CLEC is then responsible to contact the Telephone Company operations manager to arrange exchange and replacement of the plug-in/card. Exchanged, pre-tested spares shall be provided within one week of replacement of a defective plug-in/card.
D.	The CLEC shall also provide a rack-mountable spare plug-in/card cabinet(s), to the Telephone Company's specification, to house the spare plug-ins/cards. The spare plug-in/card cabinet(s) and minimum number of maintenance spares must be provided before the virtual collocation arrangement is completed and service is established.
1.	The amount of spare plug-ins/cards required will be based on the manufacturer's recommended amount, unless otherwise mutually agreed by the Telephone Company and the CLEC.

16.3.6 Safety and Technical Standards	
A.	All CLEC equipment to be installed in Telephone Company central offices must fully comply with the GR-000063-CORE, GR-1089-CORE and the Telephone Company's central office environmental and transmission standards in effect at the time of equipment installation.
1.	It is the CLEC's responsibility to demonstrate and provide to the Telephone Company adequate documentation from an accredited source certifying compliance.
B.	CLEC equipment must conform to the same specific risk/safety/hazard standards which the Telephone Company imposes on its own central office equipment as defined in RNSA-NEB-95-0003, Revision 8 or higher.

(D)

Issued: November 1, 2010

Effective: January 3, 2011

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16.3 Responsibility of the CLEC

16.3.6 Safety and Technical Standards	
C.	CLEC equipment is not required to meet the same performance and reliability standards as the Telephone Company imposes on its own equipment as defined in RNSA-NEB-95-0003, Revision 8 or higher.
D.	The CLEC may install equipment that has been deployed by the Telephone Company for five years or more with a proven safety record.
E.	<p>All the CLEC's entrance facilities and splices must comply with TR-TSY-00020, TR-NWT-001058, BR-760-200-030 and SR-TAP-001421 as they relate to fire, safety, health, environmental safeguards and interference with the Telephone Company's services and facilities. Such requirements include, but are not limited to the following.</p> <ol style="list-style-type: none"> 1. The fibers must be single mode. 2. The fiber optic units must be of loose tube (12 fibers) or ribbon (12 fibers) design. 3. The fiber cable must be marked according to the cable marking requirements in GR-20-CORE, Section 6.2.1-4. 4. The fiber must be identified according to the fiber and unit identification (color codes) in GR-20-CORE, Section 6.2.5. 5. Unless otherwise mutually agreed, the outer cable jacket shall consist of a polyethylene resin, carbon black, and suitable antioxidant system. 6. Silica fibers shall be fusible with a commercially available fusion splicer(s) that is commonly used for this operation.

Issued: December 20, 2000

Effective: January 19, 2001

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Verizon New York Inc.

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16. Virtual Collocation
16.4 Splitter Arrangement

16.4.1 Description	
A.	Splitters must be installed and connected in the CLEC's virtual collocation arrangement before a CLEC submits an order for line sharing/line splitting.
1.	Implementation Interval —When augmenting an existing collocation arrangement for line sharing/line splitting, the cable and splitter arrangement implementation interval is 45 business days as described in Section 15.4.1
B.	The splitter may be installed as part of an initial or subsequent virtual collocation application.
1.	When the splitter is to be installed as part of an initial virtual collocation implementation, the splitter installation may be ordered as part of the initial virtual collocation application.
2.	When a new splitter is installed as part of an existing virtual collocation arrangement, the splitter installation may be ordered thru an augment application (refer to Section 16.5.2).
C.	The Telephone Company will inventory and maintain the CLEC-provided splitter in Telephone Company space within the same serving end office as the virtual collocation arrangement.
D.	Cabling will be installed with the splitter as part of the virtual collocation augment. The terms and conditions of Section 16 apply.
E.	The Telephone Company will control the splitter and will direct any required work activity. The Telephone Company will perform all work required in this option.
F.	The splitter must be ANSI T1.413 or multiple virtual line compliant. Technical specifications described in Section 16 also apply.
G.	The Telephone Company will provide a splitter inventory to the CLEC upon completion of the splitter installation.
H.	Depending upon the CLEC's equipment configuration, the splitter may be installed in a relay rack as described in Section 15.
I.	At the option of the CLEC, installation of the splitter may be performed by the Telephone Company or by a Telephone Company approved vendor designated by the CLEC.

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Issued: November 14, 2001

Effective: November 15, 2001

Issued pursuant to Order of the Public Service Commission dated October 29, 2001
in Case Nos. 97-C-0139, 98-C-0690 and 98-C-1357.By Sandra Dilorio Thorn-General Counsel
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16.5 Application of Rates and Charges

16.5.1 General	
A.	The Telephone Company will apply charges (e.g., nonrecurring and recurring rates for entry fiber, power, etc.) and commence billing for the virtual collocation arrangement upon completion of the installation, when it shall have finished all elements of the installation under its control. The readiness of the CLEC to utilize the completed virtual collocation arrangement will not impair the right of the Telephone Company to commence billing.
B.	The Telephone Company shall charge the CLEC for all costs incurred in providing the virtual collocation arrangement, including, but not limited to, the Telephone Company's planning, engineering and installation time.
C.	Any and all expenses associated with placing the CLEC's fiber in manhole zero, including license fees, shall be the responsibility of the CLEC.

16.5.2 Application Fee	
A.	The Telephone Company will require an application fee (NRC) per virtual collocation request, per central office or other Telephone Company location where the CLEC requests to establish virtual collocation. An application fee is required to be submitted by the CLEC with its application. This fee applies for all new virtual collocation arrangements as well as subsequent additions to an existing arrangement, and provides for application processing, and for the Telephone Company's performance of an initial site visit and an engineering evaluation. For subsequent requests for splitter arrangements, the collocation augment application fee will apply. The fee applies per request, per central office where the CLEC requests an arrangement.
1.	If a CLEC cancels its request prior to installation, any unused portion of the application fee will be refunded.
B.	If the CLEC cancels or withdraws its request for a virtual collocation arrangement prior to turn-up, the CLEC will be liable for all costs and liabilities incurred by the Telephone Company in the developing, establishing, or otherwise furnishing the virtual collocation arrangement up to the point of cancellation or withdrawal.
C.	When a CLEC with an existing virtual collocation arrangement requests a splitter arrangement, the augment application fee set forth in Section 35.15.1 will apply.

Issued: December 20, 2000

Effective: January 19, 2001

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PSC NY No. 8—COMMUNICATIONS

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16. Virtual Collocation
16.5 Application of Rates and Charges

16.5.3 Engineering and Implementation	
A.	An engineering and implementation NRC will apply upon completion of site implementation. The fee is broken into the following categories and recovers the expenses associated with the planning, Telephone Company engineering, and project management of the Virtual Collocation arrangement, as well as the engineering project management functions performed during the installation of the virtually collocated equipment.
1.	Cabling Plus Equipment—Applies for all requests for virtual collocation equipment installations and associated cabling.
2.	Cabling Only—Applies for subsequent requests for additional cabling except splitter augments. For subsequent requests for splitter augment the additional cabling only charge applies (as specified for physical collocation).
B.	If the collocated equipment is non-standard, the fee will be quoted for the CLEC-specified equipment on a case-by-case basis.

16.5.4 Interconnection Access Charge (IAC)	
A.	An IAC NRC provides for the cost of engineering, furnishing, and installing the cabling between the collocated equipment and the Telephone Company's distribution/cross connect frames. This charge will be applied at the time of equipment installation. This charge only applies when the Telephone Company installs the cabling and equipment. If a non-standard arrangement requires special cabling or equipment, this charge will be determined on a case-by-case basis.
1.	The VG, Per 100 Connection to MDF NRC—For line sharing/line splitting arrangements, two terminations apply per line. (C)
B.	An IAC monthly rate applies for the ongoing support of the cable terminations on the Telephone Company's racks. It is assessed upon installation of the terminations and associated cabling. Terminations will connect to a digital cross connect system only in the event that it is the only option available in a particular central office as determined by the Telephone Company.
1.	The VG, Per 100 Connection to MDF Monthly Rate—For line sharing/line splitting arrangements, two terminations apply per line. (C)

16.5.5 Entrance Fiber	
A.	An entrance fiber NRC applies for pulling the fiber from manhole zero to the splice point and performing the splice to Telephone Company provided Optical Fiber Non-metallic Riser-rated (OFNR) type cable. The entrance fiber NRC charge is applied per cable installed.

Issued: May 29, 2001

Effective: July 01, 2001

Issued pursuant to Order of the PSC, dated 10/31/00 in Case No. 00-C-0127.
See Section 1.1.19 for Statement of Company's Reservation of Objections.

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PSC NY No. 8--COMMUNICATIONS

Verizon New York Inc.

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16.5 Application of Rates and Charges

16.5.5 Entrance Fiber	
B.	When the CLEC's transport fiber is utilized, an entrance fiber monthly rate applies for providing and servicing the OFNR type fibers and associated FDF frame termination. This includes the support service for the CLEC-provided, Telephone Company-owned outside plant cable from manhole zero. It is assessed per cable. It also includes providing the splice enclosure.
16.5.6 DC Power	
A.	The DC power monthly rate applies for the provision of -48V DC protected power required by the CLEC's equipment. It is assessed per total number of load amps requested.
16.5.7 Heating, Ventilation and Air Conditioning (HVAC)	
A.	The HVAC monthly rate will apply per 10 load amps.
16.5.8 Land and Buildings	
A.	The land and buildings monthly rate applies for floor space needed to support equipment, racking and/or spare cabinets. It is assessed per ¼ rack or fraction thereof.
16.5.9 Relay Rack	
A.	A relay rack monthly rate applies for the support of the virtual collocation equipment. It is assessed per ¼ rack or fraction thereof.
16.5.10 Training	
A.	An NRC will be assessed for the first quarter hour (or fraction thereof) and each additional quarter hour (or fraction thereof) per technician, per occurrence for training the Telephone Company's technicians to service CLEC specified equipment not used by the Telephone Company in the specified central office.
B.	Other charges apply and recover all costs incurred by the Telephone Company and the technicians, including training fees, materials, airfare, lodging, meals and technician work time as loaded salary costs for lost productivity.

(C)

Issued: October 5, 2001

Effective: October 22, 2001

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PSC NY No. 8—COMMUNICATIONS

Verizon New York Inc.

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16.5.11 Maintenance	
A.	The technician's time spent servicing the virtual collocation arrangement at the CLEC's direction will be billed to the CLEC per occurrence. An NRC applies for the first quarter hour (or fraction thereof) and each additional quarter hour (or fraction thereof) per technician, per occurrence. The NRC is the same as that specified for escorting under tariff provisions for physical collocation.

16.5.12 Equipment Service Charge	
A.	Whenever work is performed on a virtual collocation arrangement that is not a part of implementing or provisioning a standard virtual collocation arrangement, the equipment service NRC will apply. The NRC is the same as that specified for escorting under tariff provisions for physical collocation. Examples where the equipment service charge will apply include, but are not limited to, additional testing or turn-up requirements, software upgrades and inspector services.

16.5.13 Escorting	
A.	When the CLEC requests access to their Telephone Company virtual collocation arrangement, a Telephone Company designated escort will be required at all times subject to the escort NRC.
1.	A call out of a Telephone Company employee at a time not coincident with the employee's scheduled work period or to a non-staffed location is subject to a minimum charge of four hours.

16.5.14 Pass Through Charges	
A.	Apart from the rates and charges described in Section 16.5, all other vendor costs associated with virtual collocation equipment installation will be passed on to the CLEC on a dollar-for-dollar basis (i.e., vendor pass through).

16.5.15 Splitter, Installation/Support/Maintenance		
A.	Installation—An NRC applies per shelf and only when the Telephone Company installs the splitter.	
B.	Land and Building for Splitter Bay—A monthly rate applies per arrangement.	(C)
C.	Maintenance of Splitter Equipment—A monthly rate applies per shelf.	
D.	Splitter Administration and Support Charge—A monthly rate applies per shelf.	(C)
E.	Bay/Relay Rack for Splitters—A monthly rate applies per arrangement.	(C)

Issued in compliance with Order of the Public Service Commission, dated January 28, 2002 in Case No. 98-C-1357.

See Section 1.1.21 for Statement of Company's Reservation of Objections.

Issued: February 19, 2002

Effective: March 1, 2002

By Sandra Dilorio Thorn-General Counsel
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PSC NY No. 8--COMMUNICATIONS

Verizon New York Inc.

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16.5.16 Miscellaneous Collocation Power Service Charge	
A.	Whenever the Telephone Company is required to perform work on a collocation arrangement as a result of a CLEC's order for a reduction in power requirements (e.g., change in over-current protector size) the Telephone Company will assess an NRC. The NRC applies for the first quarter hour (or fraction thereof) and each additional quarter hour (or fraction thereof) per technician, per occurrence. The NRC is the same as that specified for escort under Section 35.15.14 of this tariff. If a CLEC orders a power reduction prior to June 5, 2001, where only a change in the over-current protector size is necessary, the Telephone Company will waive this NRC. The CLEC will not be required to pay an NRC to bring its over-current protector size into compliance with Section 15.2.1.B.2. if an over-current protector size previously requested as part of a pre-June 5, 2001 power reduction for which the NRC was waived would comply with Section 15.2.1.B.2.
1.	This rate will also apply when the Telephone Company performs power inspections revealing a violation.
B.	If the CLEC orders a change in the power configuration requiring new -48V DC power feeds to the collocation arrangement, the engineering and implementation power augment only NRC applies (see Section 15.6.2A5). In addition, if a CLECs order for a reduction in DC power triggers the deployment of power cabling to a different power distribution point, the engineering and implementation power augment only NRC applies. The Telephone Company will work cooperatively with the CLEC to configure the new power distribution cables and disconnect the old ones.
16.5.17 DC Power Cabling and Fusing Charge – New Cables	
A.	The DC Power Cabling and Fusing – New Cables charge for physical collocation applies.
16.5.18 DC Power Feed Augment	
A.	The DC Power Feed Augment charge for physical collocation applies.

Issued in compliance with Order of the Public Service Commission, dated April 14, 2004 in Case No. 03-C-0980.

Issued: April 15, 2004

Effective: April 16, 2004

By Sandra Dilorio Thorn-General Counsel
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PSC NY No. 8--COMMUNICATIONS

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Network Interconnection Services

16. Virtual Collocation
16.6 Conversion of Virtual Collocation Arrangements to CCOE

16.6.1 General	
A.	CLECs will be permitted to convert the following types of virtual collocation arrangements to CCOE arrangements.
1.	Virtual collocation arrangements in operation prior to August 31, 1999.
2.	Applications for virtual collocation received prior to August 31, 1999.
B.	The CLEC will have 60 days from the effective date of the initial collocation to submit its request in writing to convert the virtual collocation arrangement (or pending virtual collocation application) to CCOE.
1.	The CLEC must request the conversion in writing through its Telephone Company point of contact, subject to the related terms and conditions specified for virtual collocation.
C.	The Telephone Company will meet with the CLEC to schedule the conversion. The Telephone Company will work cooperatively with the CLEC to re-terminate the virtual collocation arrangement and convert the virtual collocation IACs to SACs.
D.	The CLEC must select a POT in accordance with the regulations as specified in Section 22.2.4. The appropriate CCOE rates and charges will apply.
E.	Upon completion of the conversion of a virtual collocation arrangement to a CCOE arrangement, the CCOE regulations, rates and charges will apply.

16.6.2 Responsibility of the Telephone Company	
A.	The Telephone Company will transfer ownership of the equipment to the CLEC under the reverse of the terms and conditions of the original transfer agreement as set forth in the tariff provisions for virtual collocation dedicated terminal equipment inside the Telephone Company's central office.
B.	The Telephone Company will transfer to the CLEC ownership and responsibility for the cabling between manhole zero and the splices in the Telephone Company central office under the reverse of the terms and conditions as set forth for virtual collocation in Section 16.2.1 and those pertaining to fiber facilities as set forth in Sections 16.1, 16.2 and 16.3. This will result in ownership by the CLEC of the cabling supporting a CCOE arrangement.

16.6.3 Responsibility of the CLEC	
A.	The CLEC will assume all responsibilities for monitoring its equipment in addition to those regulations set forth in Section 16.3.2.

Issued: December 20, 2000

Effective: January 19, 2001

By Sandra Dilorio Thorn-General Counsel
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PSC NY No. 8—COMMUNICATIONS

Verizon New York Inc.

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16.6.4 Application of Rates and Charges	
A.	Application Fee—The NRC specified for CCOE applies.
B.	Implementation—The engineering and implementation cabling only NRC specified for CCOE applies (refer to Section 35.22).
C.	Any additional expenses incurred by the Telephone Company as a result of the conversion of a virtual collocation arrangement to a CCOE arrangement will be determined on an individual case basis and billed to the CLEC.
D.	The CLEC will be responsible for any additional costs associated with dedicated security as a result of the conversion from a virtual collocation arrangement to a CCOE arrangement. The rates and charges will be determined on an individual case basis.

Issued: December 20, 2000

Effective: January 19, 2001

By Sandra Dilorio Thorn-General Counsel
1095 Avenue of the Americas, NY, NY 10036