

PSC NY No. 8--COMMUNICATIONS

Verizon New York Inc.

Section 22
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Network Interconnection Services

22. Cageless Collocation Open Environment (CCOE)
22.1 General

Unless otherwise specified herein, general regulations contained in Sections 1 through 4 and Sections 14 and 15 apply in addition to the regulations contained in this section. Rates and charges for services explained herein are contained in Section 35.22. Where an order for CCOE will be accommodated in a SCOPE area, it will be treated as a SCOPE arrangement and SCOPE rates and regulations will apply.

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22.1.1	Description
A.	CCOE is a form of physical collocation in which CLECs can place their equipment in Telephone Company central office space. CCOE is available on a first come, first served basis in all central offices where interconnection or access to unbundled network elements is requested by the CLEC.
1.	The CLEC must install a minimum of one shelf of working equipment equipped with plug-ins when installing a CCOE equipment bay. Equipment bays must be fully equipped with common plug-ins prior to adding subsequent equipment bays.
B.	The Telephone Company will assign collocation space in accordance with the provisions in Section 15. CCOE is not available where the only unoccupied space in a central office has been reserved by the Telephone Company for its own use or where the placement of CCOE equipment will put the Telephone Company network at risk.
C.	CCOE allows a CLEC, using Telephone Company approved vendors, to install equipment in single bay increments. CLEC equipment will not share the same equipment bays with Telephone Company equipment.
1.	The CLEC shall not store any ancillary equipment within the CCOE area that is not permanently mounted within the bay.
D.	The CLEC may provide its own transport or purchase other transport such as unbundled interoffice facilities (IOF) leased from the Telephone Company as specified in PSC NY No. 10 or from a third party for the input side of the arrangement.
E.	The CLEC is permitted to place in its CCOE arrangement CLEC-provided equipment in accordance with the provisions in Section 15.

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22.2 Responsibility of the Telephone Company

22.2.1 Accommodations	
A.	The Telephone Company and the CLEC agree to work cooperatively to develop an equipment layout that complies with the equipment specification and to minimize space requirements.
B.	Space for additional bays for future use may be reserved, if available, until such time as the Telephone Company requires the reserved bay to meet another CLEC's request. The Telephone Company will make reasonable efforts to assign reserved bay space so that it is located next to the CLEC's existing equipment bay; however the Telephone Company makes no guarantee to that effect.
C.	To the extent that a CLEC requires use of a Telephone Company local exchange line, the CLEC must order a 1MB line. CLECs may not use Telephone Company official lines.
D.	The Telephone Company will provide access to junction boxes so that CLECs may contract directly with a Telephone Company approved vendor for the installation of the AC convenience outlets, overhead lighting and equipment superstructure to comply with the technical specifications in IP 72202 and match existing central office infrastructure.
E.	The Telephone Company will designate the floor space location specific for each bay of equipment installed.
F.	The Telephone Company will provide -48V DC power, battery and generator backup power, heat, air-conditioning and other environment support in connection with the CLEC's equipment in the same manner it provides such support items in connection with its own transmission equipment within that central office.

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22.2.2 Entrance Facility and Entrance Facility Termination	
A.	The Telephone Company reserves the right to prohibit all equipment and facilities, other than fiber optic cable, from its entrance manholes.
B.	The Telephone Company reserves the right to manage its own central office conduit requirements and to reserve vacant space for facility additions planned within three years as its primary use.
C.	No splicing will be permitted to manhole zero. Where the CLEC is providing underground fiber optic cable in manhole zero, it must be of sufficient length as specified by the Telephone Company to be pulled through the central office conduit and into the central office cable vault splice location.

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22.2 Responsibility of the Telephone Company

22.2.2 Entrance Facility and Entrance Facility Termination	
D.	The splice in the central office cable vault must be a mechanical splice. To avoid safety hazards, no fusion splicing will be permitted. The Telephone Company will provide space and racking for the placement of an approved secured fire retardant splice enclosure.

22.2.3 Point of Termination (POT)	
A.	The connection point between the collocated equipment and the Telephone Company network is the POT.
B.	The following options regarding the termination of facilities are available to the CLEC. <ol style="list-style-type: none"> 1. The Telephone Company will provide a SPOT bay for CCOE arrangements in a common area. All CLECs purchasing CCOE will have access to the SPOT bay. 2. The CLEC may provide their own POT within the CLEC provided equipment bay as designated by the Telephone Company.

22.2.4 Service Interval	
A.	Refer to Section 15.4.1.

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22. Cageless Collocation Open Environment (CCOE)
22.3 Responsibility of the CLEC

22.3.1 Ordering Service	
A.	The CLEC must request CCOE arrangements through its Telephone Company point of contact, subject to the terms and conditions as described in Sections 15.

22.3.2 Placement and Removal of Facilities and Equipment	
A.	The CLEC is responsible for providing and installing its own equipment and equipment bay(s) in the CCOE area.
B.	Methods of Procedures (MOP) detailing the installation work to be performed by the CLEC shall be completed by the CLEC on all CCOE arrangement equipment installations. The MOP shall be agreed upon and signed by a Telephone Company representative and a CLEC representative prior to the beginning of any installation effort within the central office CCOE space. The CLEC shall prominently display the signed MOP at the equipment bay while performing any installation functions.
C.	The CLEC is responsible for the identification of all equipment in its CCOE arrangement. All equipment must be clearly identified with the CLEC's name, emergency reach number, CLLI code and relay rack number. The CLLI code and relay rack number will be assigned by the Telephone Company.
D.	The CLEC is responsible to demonstrate that its equipment meets all Telephone Company installation standards prior to turn-up of equipment.

22.3.3 Safety and Technical Standards	
A.	The CLEC equipment bay should conform with the Telephone Company's technical engineering specifications and NEBS requirements for a standard seven foot high equipment bay, not to exceed 22 inches in depth for the total footprint. Non-standard equipment configurations will be evaluated on a case-by-case basis.
B.	All CLEC equipment to be installed in the Telephone Company central offices must be either on the Telephone Company's list of compliant products, or equipment that is demonstrated as complying with the technical specifications as specified for physical collocation. Upon receipt of a CCOE request, the Telephone Company will make available at cost any Telephone Company technical specification documentation required by the CLEC to comply with this provision.
C.	The CLEC must perform all work using Telephone Company approved vendors. Such vendors must comply with the requirements specified in IP 72202, network equipment installation standards including providing the Telephone Company with documentation (e.g., drawings and record updates) per the Telephone Company standards prior to service activation.

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22.3 Responsibility of the CLEC

22.3.4 Access to Equipment	
A.	CLEC designated personnel will be permitted to access their equipment for provisioning, maintenance and repair.
1.	The CLEC must adhere to all entrance and exit requirements as specified by the Telephone Company for each CCOE arrangement. CLEC access is restricted to direct access to the arrangement including central office space housing the CCOE equipment.

22.3.5 Entrance Facility and Entrance Facility Termination	
A.	The CLEC is responsible for placement of the fiber optic facility within manhole zero and is responsible for the maintenance of the fiber optic cable(s).
B.	The CLEC is responsible for installing CLEC-provided fiber optic feeder cable in the Conduit Space. To avoid unnecessary reinforcements or rearrangements, the CLEC will be required to provide a three-year forecast for planning and duct allocation purposes. The Telephone Company may provide shared conduit with dedicated innerduct. The CLEC will not be permitted to reserve space in the central office conduit. If new conduit is required, the Telephone Company will negotiate with the CLEC to determine a further arrangement to deal with the specific location.
C.	The CLEC is responsible for installing and maintaining a splice where its fiber optic feeder cable meets its fire retardant inside riser cable within the central office cable vault or designated splicing chamber.
D.	The CLEC must tag all entrance facilities to indicate ownership.

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22.4 Security, Access, and Badging

22.4.1	Description
A.	The Telephone Company may use reasonable security measures to protect its equipment, including enclosing its equipment in its own cage or other separation, utilizing monitored card reader systems, digital security cameras, badges with computerized tracking systems, identification swipe cards, keyed access, and/or logs, as deemed appropriate by the Telephone Company.
B.	The Telephone Company will determine the appropriate level of security in each central office.
C.	The Telephone Company will provide the CLEC with non-employee identification badge applications. The CLEC will provide the Telephone Company with completed applications and two passport-sized photos for each CLEC employee who requires access. The CLEC employee/vendor(s) must prominently display valid identification badges at all times while on Telephone Company property. This badge will permit direct access to the location of the CLEC's CCOE arrangement in the central office. The Telephone Company will also issue access cards to each listed employee/vendor where access card systems are installed. All badges/access cards must be returned upon termination of this CCOE arrangement.
1.	The CLEC is responsible for notifying the Telephone Company of any lost or stolen identification badges or access cards, and is responsible for returning the badges/access cards issued to individuals that are no longer employed or engaged by the CLEC.
D.	The CLEC agrees to abide by all Telephone Company security practices for CLEC employees/agents with access to the Telephone Company's central offices as described in Telephone Company's security guidelines, which will be provided.
E.	The CLEC will be required to sign a confidentiality agreement prior to being permitted to enter the Telephone Company central office. The Telephone Company will make available to the CLEC, upon signing a confidentiality agreement, a Site Survey/Report (refer to Section 15.1.2). The site survey/report is not required prior to submitting an application.
F.	The CLEC will supply the Telephone Company with a list of its employees or approved vendors who require access. The list will include social security numbers of all such individuals or an alternative form of identification as specified by the Telephone Company. All individuals must be US citizens where required by law or regulation.
G.	The CLEC agrees that its employees/vendors with access to Telephone Company central office(s) shall at all times adhere to the rules of conduct established by the Telephone Company for the central office and the Telephone Company's personnel and vendors. The Telephone Company reserves the right to make changes to such procedures and rules to preserve the integrity and operation of the Telephone Company's network or facilities or to comply with applicable laws and regulations. The Telephone Company will provide the CLEC with written notice of such changes.

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22.4 Security, Access, and Badging

22.4.1	Description
H.	The Telephone Company reserves the right to provide a Telephone Company employee at the CLEC's requested time of entry to the central office to accompany and observe the CLEC at no cost or delay to the CLEC. Escorts may be required for initial CLEC visits, but not on subsequent visits, unless no form of security is reasonably available in the central office.
I.	CLECs will have access to their collocated equipment 24 hours a day, seven days a week, without a security escort except as noted in Section 22.4.1H. Unless an emergency exists (e.g., equipment failure, service outage or environmental alarm), the CLEC shall provide the Telephone Company with notice of no less than 30 minutes for a manned Telephone Company premises and 60 minutes for an unmanned Telephone Company premises prior to dispatching a CLEC employee or agent to the collocation arrangement.
J.	Where applicable, the Telephone Company will provide information to the CLEC on the specific type of security training required so the CLEC's employees can complete such training.

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22. Cageless Collocation Open Environment (CCOE)
22.5 Application of Rates and Charges

22.5.1 General	
A.	Rates and charges as specified for collocation arrangements described in Sections 15 and 16 apply in addition to the rates and charges specified herein.

22.5.2 Application Fees	
A.	The application fees described for virtual collocation in Section 16.5 apply as appropriate.
B.	The Augment application fees described for physical collocation in Section 15.6 apply as appropriate.

(N)

22.5.3 Site Survey/Report Fee	
A.	The NRC for physical collocation described in Section 15.6 applies as appropriate.

22.5.4 Engineering and Implementation	
A.	The engineering and implementation NRCs described for virtual collocation in Section 16.5 apply as appropriate.
B.	The Augment engineering and implementation NRCs described for physical collocation in Section 15.6 apply as appropriate.

(N)
(N)

22.5.5 SPOT Bay Frame	
A.	The NRC for SPOT bay frame described in Section 19.4 applies as appropriate. A monthly SPOT bay frame rate also applies and is the same rate as specified for SCOPE. The monthly rate recovers the cost of providing space and the equipment terminations to be mounted in the CCOE area. These charges only apply when the Telephone Company provides the SPOT bay frame.

22.5.6 SAC SPOT Bay Termination	
A.	The service access charge (NRC) for the SAC SPOT bay termination described for physical collocation in Section 15.6 applies as appropriate. The NRC applies for the termination strip or panel that resides in the SPOT bay frame. A monthly SAC SPOT bay termination rate applies and is the same as that specified for physical collocation. The charge is assessed upon installation of the terminations. These charges apply only when the Telephone Company provides the SPOT bay frame.

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22.5 Application of Rates and Charges

22.5.7 SAC Cable and Frame Termination	
A.	The service access charges (NRCs) as described for physical collocation (refer to Section 18.2) apply for the cabling to and the termination strip or panel that resides on the Telephone Company frame. The monthly SAC cable and frame termination charge as described for physical collocation apply for the connection of the Telephone Company cables and frame terminations. The monthly SAC 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.
22.5.8 Security Access Cards	
A.	The NRC described for physical collocation applies as appropriate.
22.5.9 Land and Building	
A.	The monthly rate described for SCOPE in Section 19.4 applies. The rate is associated with the footprint of the equipment bay and applies per equipment bay.
22.5.10 Cable Rack	
A.	The monthly rates described for physical collocation apply.
22.5.11 DC Power	
A.	The monthly rates described for physical collocation apply.
22.5.12 HVAC	
A.	The monthly rates described for physical collocation apply.
22.5.13 Entrance Fiber Structure	
A.	The monthly rates described for physical collocation apply.
22.5.14 Cageless Security	
A.	A monthly rate applies per equipment bay when CCOE is placed outside the secured (or segregated) physical collocation space.

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22.5 Application of Rates and Charges

22.5.15	Escorting
A.	The CLEC will be accompanied by qualified Telephone Company representatives in all manhole and vault locations, subject to the same escort NRC as specified for physical collocation.

22.5.16	Miscellaneous Collocation Power Service Charge
A.	The miscellaneous collocation power service charge (NRC) specified for physical collocation applies.

22.5.17	DC Power Cabling and Fusing Charge – New Cables
A.	The DC Power Cabling and Fusing – New Cables charge for physical collocation applies.

(N)

22.5.18	DC Power Feed Augment
A.	The DC Power Feed Augment charge for physical collocation applies.

(N)

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