



Direct CLEC to CLEC Interconnection

WASHINGTON
January 2003

Study ID: 7242

QWEST CORPORATION
Policy and Law

Table of Contents

	<u>Page</u>
I. Executive Summary	3
A. Purpose Scope, and Application	3
B. Description of Service	4
C. Study Methodology	4
D. Description of Long Run Incremental Costs	4
E. Study Assumptions	4
II. Rate Elements	5
III. Work Papers	6
Study Summary	6
Inputs	7
Engineering	10
Cable Racking	11
Cable Connections	12
Cable Hole	13
WCP Non-Recurring	14
WCP Recurring	16
WCP Maintenance	18

Executive Summary

A. PURPOSE, SCOPE, AND APPLICATION

The purpose of this study is to determine the expenses and recurring costs that will be incurred by Qwest to provide Direct CLEC to CLEC Interconnection for customers.

This study develops Qwest average costs. Costs are based on a per unit basis depending upon which element is being requested.

The costs developed in this study can be used for developing pricing for customer - requested items.

Costs are depicted as follows:

- Non-Recurring Caged and Cageless
- Monthly Recurring Caged and Cageless

B. DESCRIPTION OF SERVICE

This service is used to connect together multiple forms of CLECs own collocations within the same Qwest Central Office, i.e., physical to physical, physical to virtual, virtual to virtual, or non-contiguous cageless bays.

Cost Elements

- **Flat Charge** - Includes the design engineering hours required for the job and 20' of new cable racking weighted at 5% of the time. *No cable material or placement costs are included in this rate.*
- **Cable Racking** - Includes the per foot, cable racking charges for DS0, DS1, and DS3. *No cable material or placement costs are included in this rate.*
- **Virtual Connections** - Includes the virtual cable connection charges for DS0, DS1, and DS3. *No cable material or placement costs are included in this rate.* The DS0 Virtual Connection charge is per 100 connections. The DS1 Virtual Connection charge is per 28 connections. The DS3 Virtual Connection charge is per 1 connection. This charge is only applicable if the job consists of one or more virtual collocations. The CLEC/DLEC will provide the connection labor for jobs consisting of physical collocation(s). If the job is a CLEC to CLEC Direct Connect consisting of two virtual collocations, the applicable Virtual Connection charge will be applied twice. If the job is a CLEC to CLEC Direct Connect consisting of two physical collocations, the applicable Virtual Connection charge will be zero.
- **Cable Hole** - Includes the per occurrence, cable hole charges required to open and close the cable hole between floors. *No cable material or placement costs are included in this rate.*

C. Study Methodology

The costs were developed from material, engineering and installation labor costs provided by Subject Matter Experts (SME's) in Central Office Engineering and Outside Plant Engineering. *(No cable material or placement costs are included in this study.)*

Monthly maintenance costs were developed by taking the element - specific expense and applying the account - code specific maintenance.

The investments/expenses from the above items were then entered into the WCP (Wholesale Cost Program) model, developed and used within Qwest.

Executive Summary

D. DESCRIPTION OF LONG RUN INCREMENTAL COSTS

Long Run Incremental Cost (LRIC) is the method Qwest uses to estimate product and service costs. It provides a measurement of costs over a period of time long enough to fully adjust to changes of output (including changes in the size of facilities, levels of investment, etc.) in order to optimally accommodate this change. This methodology is forward looking in nature (i.e. LRIC uses the latest technology costs or replacement costs.) Since LRIC is forward looking, it does *not* measure historic investment decisions of the corporation.

The Qwest LRIC format disaggregates the cost results on a unitized basis into the components shown below:

Total Service Long Run Incremental Cost (TSLRIC) --Total Service Long Run Incremental Cost is the forward looking cost avoided (or added) by discontinuing (or offering) an entire service or group of services in the most efficient manner, holding constant the production of all other services produced by the firm. This cost is often referred to in economic terms as direct cost.

Shared Cost (SC)-- The cost associated with the provision of multiple services (service family). This cost is not volume sensitive and is eliminated only if the entire service family is discontinued.

Total Service Long Run Incremental Costs plus Shared Costs (TSLRIC+SC)--The Total Service Long Run Incremental Costs for a service plus the Shared Costs of a family of services.

Total Element Long Run Incremental Cost (TELRIC) -- Total Element Long Run Incremental Cost, as defined by the Federal Communications Commission, is the sum of the forward looking direct cost incurred in the production of a network element (as opposed to an entire service), attributed costs considered as shared cost under TSLRIC terminology and selected administrative costs considered as common under TSLRIC terminology.

Common Cost (CC)

For **TSLRIC** purposes, common costs are the current cost incurred for the benefit of the enterprise as a whole. This cost does not vary with the provision of a service or a service family. These costs are sometimes referred to as *general overhead costs*. The Common Cost added to the TSLRIC + SC produces a **Fully Allocated Cost (FAC)** as required by Commission rules.

For **TELRIC** purposes, common costs are the current cost incurred for the benefit of the enterprise as a whole, after those cost that vary with the provisioning of individual network elements are removed. The costs removed from common for TELRIC purposes are included in the TELRIC itself. **Total Long Run Incremental Cost plus TELRIC common costs (TELRIC + CC)** form the basis for pricing Interconnection network elements. TELRIC + CC is the equivalent of fully allocated cost as the term is applied to network elements.

Typically, the cost identified by these cost categories include capital costs for depreciation, return, and income taxes. TSLRIC also includes ongoing operating costs for: administration expense, product management expense, pre sales expense, and business fees.

E. Study Assumptions

1. All cost are forward looking.
2. See "Input Sheet" worksheet on page 7.

Direct CLEC to CLEC Interconnection

Rate Elements

CLEC to CLEC Direct Connections	Rate Mapping		
	RC	NRC	RC
Flat Charge (Design Engineering & Installation - NO CABLES.)		\$ 643.93	Engineering!\$E\$8+'Cable Racking!\$F\$24
Fiber Flat Charge (Design Engineering & Installation - NO CABLES.)		\$ 1,266.58	Engineering!\$E\$8+'Cable Racking!\$F\$29
Cable Racking (per foot)			
DS0	\$ 0.11043		Cable Racking!\$G\$26+'Cable Racking!\$G\$45
DS1	\$ 0.12018		Cable Racking!\$G\$27+'Cable Racking!\$G\$46
DS3	\$ 0.09759		Cable Racking!\$G\$28+'Cable Racking!\$G\$47
Fiber	\$ 0.89135		Cable Racking!\$G\$29+'Cable Racking!\$G\$48
Virtual Connections (if applicable - Connections only; NO CABLES.)			
DS0 (per 100 connections)	\$ 184.73		Cable Connections!\$G\$7
DS1 (per 28 connections)	\$ 86.51		Cable Connections!\$G\$12
DS3 (per 1 connection)	\$ 5.90		Cable Connections!\$G\$17
Cable Hole (if applicable)		\$ 455.44	Cable Hole!\$E\$12

NOTE: CLEC/DLEC must supply and place cables.

No cable material or placement costs are included in these rates.

Direct CLEC to CLEC Interconnection

Study Name	<i>Direct CLEC to CLEC Interconnection</i>	
Study Requester	<i>Vicki Bishara</i>	
Type of Study	<i>TELRIC</i>	
Study ID	<i>7242</i>	
Cost Factor Group	<i>Interconnection</i>	
Study Applications		
Completion Date	<i>January 7, 2003</i>	
Cost Analyst	<i>Tom Wilkinson</i>	
Study Review	Reviewer	Date
	<i>Vicki Bishara</i>	<i>January 7, 2003</i>
Cost Models Used	Model	Version and/or Release Date
	<i>Wholesale Cost Program</i>	<i>01/08/01 (Version 2.06)</i>
	<i>Cost Factor Databases</i>	<i>01/02/01 (Vintage: 99WA02E)</i>
	<i>Cost Factors Model (TELRIC)</i>	
Cost Factors Used	Factor	Effective Date
	<i>Capital Recovery</i>	<i>01/01</i>
	<i>Maintenance</i>	<i>01/01</i>
	<i>Ad Valorem</i>	<i>01/01</i>
	<i>Power</i>	<i>01/01</i>
	<i>Sales Tax</i>	<i>01/01</i>
	<i>Interest During Construction</i>	<i>01/01</i>
	<i>COE Land & Bldg</i>	<i>01/01</i>
	<i>Directly Assigned Factors</i>	<i>01/01</i>
	<i>Directly Attributable Factors</i>	<i>01/01</i>
	<i>Common</i>	<i>01/01</i>
	<i>Cost Of Money</i>	<i>9.63%</i>
Inflation		
Major Cost Drivers		

Direct CLEC to CLEC Interconnection

Study Information

	Value
Filing Month	January
Filing Year	2003
State	WA
State Full Name	WASHINGTON
Run Date	1/7/2003
Factor Vintage	99WA02E
Study ID	7242

Model Assumptions

	Value	Description/Source
General		
Shipping Rate	13.99%	
Tax on Labor	Yes	
Work Completion Interval	90	
USWI Labor Percent	69%	
Specific		
Engineering Hours Override (Total)	7.0	
CPMC Hours	1.4	Network
Engineering Hours	3.85	Network
P70-Quality Inspec./Install. Hours	1.75	Network
Percent New Cable Racking Required	5%	Network
Average Length (in feet) of New Cable Rack Placement	20	Network
Types of CLEC to CLEC connections		
Virtual to Virtual	2	connections made by QWEST
Virtual to Physical	1	connection made by QWEST
Physical to Physical	0	no connections made by QWEST
Types of CLEC to CLEC service		
New Cable Racking Cable Capacity	3	
Fiber Expense Per Foot Per Cable	\$ 60.00	SME
New Cable Racking Fill	100%	
Existing Cable Racking Fill	70%	
Engineering Labor Rate	\$ 68.77	per hour
Infrastructure Availability Center Labor Rate	\$ 56.97	per hour
P70-Quality Inspec./Install. Labor Rate	\$ 46.22	per hour

Collocation Model Inputs

	Value	Source
Aerial Support		
Collocation Model		
Grand Total Overall Aerial Support-90 day - Major	\$ 8,688.81	E. 2.1 & 3.1 Aerial Support
Grand Total Overall Aerial Support-90 day - Minor	\$ 877.47	E. 2.1 & 3.1 Aerial Support
Number of Channels - Major	9.5	D. Defaults and Overrides - Number of Channels
Number of Channels - Minor	1.3	D. Defaults and Overrides - Number of Channels
% of Offices that Require Major Aerial Support	50%	E. 2.1 & 3.1 Aerial Support
Overall Aerial Support for 10' of Cable Rack	\$ 794.79	$=((E41/E43)+(E42/E44))*E45$
Cable Racking		
Collocation Model		
Grand Total Cable Racking -90 day - Major	\$ 7,180.94	E. 2.1 & 3.1 Cable Racking
Grand Total Cable Racking -90 day - Minor	\$ 1,512.99	E. 2.1 & 3.1 Cable Racking
Number of 10' Cable Racking Sections - Major	9.5	D. Defaults and Overrides - Number of Channels
Number of 10' Cable Racking Sections - Minor	1.3	D. Defaults and Overrides - Number of Channels
% of Offices that Require Major Aerial Support	50%	E. 2.1 & 3.1 Cable Racking
Weighted 10' Section of Cable Racking	\$ 959.86	$=((E48/E50)+(E49/E51))*E52$
ITP		
Collocation Model		
DS0 Capacity Per Rack	219	=E. 1.7 ITP
DS1 Capacity Per Rack	322	=E. 1.7 ITP
DS3 Capacity Per Rack	833	=E. 1.7 ITP

Direct CLEC to CLEC Interconnection

DS3 Capacity Per Rack	42	SME
Defaults and Overrides		Collocation Model
Expense per DS0 Cable Foot	\$ 1.45	=D. Defaults and Overrides
Expense per DS1 Cable Foot	\$ 1.13	=D. Defaults and Overrides
Expense per DS3 Cable Foot	\$ 0.89	=D. Defaults and Overrides
Cable Hole		Collocation Model
Total 90 Day Labor Expense	\$ 207.91	=E. 2.1 Cable Hole =E. 2.1 Cable Hole', Sum of "Other"& Fire Hole
Total Material Expense	\$ 95.77	Material Expense
Power Adjustment		Collocation Model
Power Maint Expense Adj	0.002308	G. Investment Factors

Labor Rate Inputs	Value	Source
Placement, per foot (2, 50-pair cables)	\$ 2.09	=Labor Rates!\$R\$18
Each Additional Placement, per foot (2, 50-pair cable)	\$ 1.75	=Labor Rates!\$R\$19
Placement, per foot (1, 28-pair cable set)	\$ 2.26	=Labor Rates!\$R\$11
Each Additional Placement, per foot (1, 28-pair cable set)	\$ 1.91	=Labor Rates!\$R\$12
Placement, per foot (1 Coax Cable)	\$ 2.19	=Labor Rates!\$R\$13
Each Additional Placement, per foot (1 Coax Cable)	\$ 1.89	=Labor Rates!\$R\$14
Per 100-pair Connection	\$ 138.82	=Labor Rates!\$R\$29
Per 28-pair Connection	\$ 65.01	=Labor Rates!\$R\$27
Per 1 Coax Connection	\$ 4.44	=Labor Rates!\$R\$15

Factors	Value
WCP Version	2.06
Cost of Money	9.63%
Capital Recovery	01/01
Maintenance	01/01
Ad Valorem	01/01
Power	01/01
Sales Tax	01/01
Interest During Construction	01/01
COE Land & Bldg	01/01
Directly Assigned Factors	01/01
Directly Attributable Factors	01/01
Common	01/01
Vintage	99WA02E
<u>Investment Loadings</u>	
Power	0.042200
Sales Tax	0.082900
Interest During Construction	0.006100
<u>COE Land And Building Investment</u>	
Building	0.067900
Land	0.002800
<u>Investment Based Monthly Direct Costs</u>	
Depreciation	0.090203
Cost Of Money	0.043242
Income Tax Expense	0.014796
Maintenance	0.017681
Ad Valorem Tax	0.003935
<u>COE Land And Building Cost</u>	
COE Building	0.150815
COE Land	0.153072
<u>Directly Assigned</u>	

Direct CLEC to CLEC Interconnection

Product Management Expense	0.053904
Sales Expense	0.013375
Product Advertising Expense	0.000000
Business Fees (Other Operating Taxes)	0.042327
<u>Directly Attributed</u>	
Network Operations	0.000000
Network Support Assets	0.000000
General Support Assets	0.000000
General Purpose Computers	0.000000
Uncollectible	0.000000
Accounting & Finance Expense	0.000000
Human Resources Expense	0.000000
Information Management Expense	0.000000
Intangibles	0.000000
State Prescribed Directly Attributed	0.196200
<u>Common</u>	
Executive Expense	0.000000
Planning Expense	0.000000
External Relations Expense	0.000000
Legal Expense	0.000000
Other Procurement Expense	0.000000
Research & Development Expense	0.000000
Other General and Admin Expense	0.000000
State Prescribed Common	0.040500

Direct CLEC to CLEC Interconnection

Engineering

CPMC Hours	1.40			
Expense/Unit	\$ 56.97			
			\$	79.76
Infrastructure Availability				
Center Hours	3.85			
Expense/Unit	\$ 68.77			
			\$	264.76
Quality Inspection Hours	1.75			
Expense/Unit	\$ 46.22			
			\$	80.89

Total Expense		\$ 425.41
Total Loaded Cost		\$ 566.10

ENGINEERING REQUIREMENTS

Collocation Project Management Center	HOURS:	2
Application Verification		
Date Set		
Project Management		
Common Systems Planning Engineering Center	HOURS:	3.9
Initialize Billing Authorization Number		
Obtain Funding Authorization		
Prepare Engineering Package		
CPD		
& Engineering		
Field Engineering Walk Through		
Structure Verification		
Complete Walk Through Report		
Update Design Work Package		
Update Engineering Prints		
Forms/Follow-up	HOURS:	1.8
Quality Check		
SICM/ATR Cable Route Walk Through		

Direct CLEC to CLEC Interconnection

Cable Racking

	Material & Labor per Bay	Feet per Section	Expense per Foot
Aerial Support	\$ 794.79	10.00	\$ 79.48
Cable Rack (per 10' section)	\$ 959.86	10.00	\$ 95.99
			\$ 175.47

New Cable Racking

Cable Type	Cable Capacity	Expense Per Foot per Cable	Fill	Cost Per Foot per Cable
DS0	3	\$ 58.49	100%	\$ 58.49
DS1	3	\$ 58.49	100%	\$ 58.49
DS3	3	\$ 58.49	100%	\$ 58.49
Fiber	3	\$ 58.49	100%	\$ 58.49

Assumptions	DS-x	Fiber
Percent New Cable Racking Required	5%	90%
Average Length (in feet) of New Cable Rack Placement	20	10

Expense

Total DS0 Per Foot Expense	\$ 58.49
Total DS1 Per Foot Expense	\$ 58.49
Total DS3 Per Foot Expense	\$ 58.49
Total Fiber Expense	\$ 526.40

Loaded	Non-Recurring	Recurring
DS0 Cable Racking (per foot)	\$ 77.83	\$ 0.08335
DS1 Cable Racking (per foot)	\$ 77.83	\$ 0.08335
DS3 Cable Racking (per foot)	\$ 77.83	\$ 0.08335
Fiber Cable Racking (Flat Rate)	\$ 700.49	\$ 0.75018

Existing Cable Racking

Cable	Cable Capacity	Expense Per Foot per Cable	Fill	Cost Per Foot per Cable
DS0	219	\$ 0.80	70%	\$ 1.14
DS1	161	\$ 1.09	70%	\$ 1.56
DS3	417	\$ 0.42	70%	\$ 0.60
Fiber	42	\$ 4.18	70%	\$ 5.97

Expense

Total DS0 Per Foot Expense	\$ 1.14
Total DS1 Per Foot Expense	\$ 1.56
Total DS3 Per Foot Expense	\$ 0.60
Total Fiber Per Foot Expense	\$ 5.97

Loaded	Non-Recurring	Recurring
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Direct CLEC to CLEC Interconnection

DS0 Cable Racking (per foot)	-	\$ 0.02707
DS1 Cable Racking (per foot)	-	\$ 0.03683
DS3 Cable Racking (per foot)	-	\$ 0.01424
Fiber Cable Racking (per foot)	-	\$ 0.14117

Direct CLEC to CLEC Interconnection

Cable Connections

NOTE: Qwest provides Cable Connections for Virtual Collocations only.

DS0		Labor	Quantity	Total
	Per 100-pair Connection	\$ 138.82	1.00	\$ 138.82
	Total Connection Expense			\$ 138.82
	Loaded			\$ 184.73
DS1				
	Per 28-pair Connection	\$ 65.01	1.00	\$ 65.01
	Total Connection Expense			\$ 65.01
	Loaded			\$ 86.51
DS3				
	Per 1 Coax Connection	\$ 4.44	\$ 1.00	\$ 4.44
	Total Connection Expense			\$ 4.44
	Loaded			\$ 5.90

Direct CLEC to CLEC Interconnection

Cable Hole

(For Cable Hole detail, see Collocation Model)

Total 90 Day Labor Expense	\$ 207.91	(see Inputs)
Total Material Expense	<u>\$ 95.77</u>	(see Inputs)
	\$ 303.68	
Shipping	\$ 13.40	
Sales Tax	<u>\$ 25.18</u>	
Cable Hole Total		\$ 342.25

Total Connection Expense	\$ 342.25
Loaded	\$ 455.44

Direct CLEC to CLEC Interconnection

WCP Non-Recurring

	Factor Value	Engineering Cost	Cable Racking DS0	Cable Racking DS1	Cable Racking DS3	Cable Racking Fiber	Connections DS0	Connections DS1
Expense		\$ 425.41	\$ 58.49	\$ 58.49	\$ 58.49	\$ 526.40	\$ 138.82	\$ 65.01
<i>Directly Assigned</i>								
Product Management Expense	0.053904	\$ 22.93	\$ 3.15	\$ 3.15	\$ 3.15	\$ 28.37	\$ 7.48	\$ 3.50
Sales Expense	0.013375	\$ 5.69	\$ 0.78	\$ 0.78	\$ 0.78	\$ 7.04	\$ 1.86	\$ 0.87
Product Advertising Expense	0.000000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Business Fees (Other Operating Taxes)	0.042327	\$ 19.22	\$ 2.64	\$ 2.64	\$ 2.64	\$ 23.78	\$ 6.27	\$ 2.94
Directly Assigned Costs		\$ 47.84	\$ 6.58	\$ 6.58	\$ 6.58	\$ 59.20	\$ 15.61	\$ 7.31
Total Direct Monthly Costs		\$ 473.25	\$ 65.07	\$ 65.07	\$ 65.07	\$ 585.59	\$ 154.43	\$ 72.32
<i>Directly Attributed</i>								
Network Operations	0.000000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Network Support Assets	0.000000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General Support Assets	0.000000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General Purpose Computers	0.000000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Uncollectible	0.000000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Accounting & Finance Expense	0.000000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Human Resources Expense	0.000000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Information Management Expense	0.000000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Intangibles	0.000000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
State Prescribed Directly Attributed	0.196200	\$ 92.85	\$ 12.77	\$ 12.77	\$ 12.77	\$ 114.89	\$ 30.30	\$ 14.19
Directly Attributed Costs		\$ 92.85	\$ 12.77	\$ 12.77	\$ 12.77	\$ 114.89	\$ 30.30	\$ 14.19
TELRIC		\$ 566.10	\$ 77.83	\$ 77.83	\$ 77.83	\$ 700.49	\$ 184.73	\$ 86.51

Direct CLEC to CLEC Interconnection

Loading Calculations (continued)

Common

Executive Expense	0.000000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Planning Expense	0.000000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
External Relations Expense	0.000000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Legal Expense	0.000000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Other Procurement Expense	0.000000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Research & Development Expense	0.000000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Other General and Admin Expense	0.000000	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
State Prescribed Common	0.040500	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Common Costs		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
TELRIC + Common Costs		\$	566.10	\$	77.83	\$	77.83	\$	77.83	\$	700.49	\$	184.73	\$	86.51

Direct CLEC to CLEC Interconnection

WCP Non-Recurring

		Connections	Cable
	Factor Value	DS3	Hole
Expense		\$ 4.44	\$ 342.25
<i>Directly Assigned</i>			
Product Management Expense	0.053904	\$ 0.24	\$ 18.45
Sales Expense	0.013375	\$ 0.06	\$ 4.58
Product Advertising Expense	0.000000	\$ -	\$ -
Business Fees (Other Operating Taxes)	0.042327	\$ 0.20	\$ 15.46
Directly Assigned Costs		\$ 0.50	\$ 38.49
Total Direct Monthly Costs			
		\$ 4.93	\$ 380.74
<i>Directly Attributed</i>			
Network Operations	0.000000	\$ -	\$ -
Network Support Assets	0.000000	\$ -	\$ -
General Support Assets	0.000000	\$ -	\$ -
General Purpose Computers	0.000000	\$ -	\$ -
Uncollectible	0.000000	\$ -	\$ -
Accounting & Finance Expense	0.000000	\$ -	\$ -
Human Resources Expense	0.000000	\$ -	\$ -
Information Management Expense	0.000000	\$ -	\$ -
Intangibles	0.000000	\$ -	\$ -
State Prescribed Directly Attributed	0.196200	\$ 0.97	\$ 74.70
Directly Attributed Costs		\$ 0.97	\$ 74.70
TELRIC			
		\$ 5.90	\$ 455.44

Direct CLEC to CLEC Interconnection

Loading Calculations (continued)

Common

Executive Expense	0.000000	\$	-	\$	-
Planning Expense	0.000000	\$	-	\$	-
External Relations Expense	0.000000	\$	-	\$	-
Legal Expense	0.000000	\$	-	\$	-
Other Procurement Expense	0.000000	\$	-	\$	-
Research & Development Expense	0.000000	\$	-	\$	-
Other General and Admin Expense	0.000000	\$	-	\$	-
State Prescribed Common	0.040500	\$	-	\$	-
Common Costs		\$	-	\$	-
TELRIC + Common Costs		\$	5.90	\$	455.44

Direct CLEC to CLEC Interconnection

WCP Recurring

	Factor Value	Cable Racking DS0	Cable Racking DS1	Cable Racking DS3	Cable Racking Fiber
Investment		\$1.1446	\$1.5569	\$0.6018	\$5.9682
<i>Investment Loadings</i>					
Power	0.042200	\$0.0483	\$0.0657	\$0.0254	\$0.2519
Sales Tax	0.082900	\$0.0989	\$0.1345	\$0.0520	\$0.5156
Interest During Construction	0.006100	<u>\$0.0079</u>	<u>\$0.0108</u>	<u>\$0.0042</u>	<u>\$0.0413</u>
Loaded Investment		\$1.2997	\$1.7679	\$0.6834	\$6.7771
<i>COE Land And Building Investment</i>					
Building	0.067900	\$0.0883	\$0.1200	\$0.0464	\$0.4602
Land	0.002800	<u>\$0.0036</u>	<u>\$0.0050</u>	<u>\$0.0019</u>	<u>\$0.0190</u>
Investment With COE Land And Bldg		\$1.3916	\$1.8929	\$0.7317	\$7.2562
<i>Investment Based Monthly Direct Costs</i>					
Depreciation	0.090203	\$0.0098	\$0.0133	\$0.0051	\$0.0509
Cost Of Money	0.043242	\$0.0047	\$0.0064	\$0.0025	\$0.0244
Income Tax Expense	0.014796	\$0.0016	\$0.0022	\$0.0008	\$0.0084
Maintenance	0.017681	\$0.0019	\$0.0026	\$0.0010	\$0.0100
Ad Valorem Tax	0.003935	<u>\$0.0004</u>	<u>\$0.0006</u>	<u>\$0.0002</u>	<u>\$0.0022</u>
Investment Based Monthly Direct Costs		\$0.0184	\$0.0250	\$0.0097	\$0.0959
<i>COE Land And Building Cost</i>					
COE Building	0.150815	\$0.0011	\$0.0015	\$0.0006	\$0.0058
COE Land	0.153072	<u>\$0.0000</u>	<u>\$0.0001</u>	<u>\$0.0000</u>	<u>\$0.0002</u>
COE Land And Building Monthly Costs		\$0.0012	\$0.0016	\$0.0006	\$0.0060
Total Investment Based Monthly Costs		\$0.0196	\$0.0266	\$0.0103	\$0.1020
<i>Directly Assigned</i>					
Product Management Expense	0.053904	\$0.0011	\$0.0014	\$0.0006	\$0.0055
Sales Expense	0.013375	\$0.0003	\$0.0004	\$0.0001	\$0.0014
Product Advertising Expense	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Business Fees (Other Operating Taxes)	0.042327	<u>\$0.0009</u>	<u>\$0.0012</u>	<u>\$0.0005</u>	<u>\$0.0046</u>
Directly Assigned Monthly Costs		\$0.0022	\$0.0030	\$0.0012	\$0.0115
Total Direct Monthly Costs		\$0.0218	\$0.0296	\$0.0114	\$0.1134

Direct CLEC to CLEC Interconnection

WCP Recurring

	Factor Value	Cable Racking DS0	Cable Racking DS1	Cable Racking DS3	Cable Racking Fiber
<i>Directly Attributed</i>					
Network Operations	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Network Support Assets	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
General Support Assets	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
General Purpose Computers	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Uncollectible	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Accounting & Finance Expense	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Human Resources Expense	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Information Management Expense	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Intangibles	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
State Prescribed Directly Attributed	0.196200	<u>\$0.0043</u>	<u>\$0.0058</u>	<u>\$0.0022</u>	<u>\$0.0223</u>
<i>Total Directly Attributed Monthly Costs</i>		\$0.0043	\$0.0058	\$0.0022	\$0.0223
TELRIC		\$0.0260	\$0.0354	\$0.0137	\$0.1357
<i>Common</i>					
Executive Expense	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Planning Expense	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
External Relations Expense	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Legal Expense	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Other Procurement Expense	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Research & Development Expense	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Other General and Admin Expense	0.000000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
State Prescribed Common	0.040500	<u>\$0.0011</u>	<u>\$0.0014</u>	<u>\$0.0006</u>	<u>\$0.0055</u>
<i>Common Costs</i>		\$0.0011	\$0.0014	\$0.0006	\$0.0055
TELRIC + Common Costs		\$0.0271	\$0.0368	\$0.0142	\$0.1412

Direct CLEC to CLEC Interconnection

Monthly Maintenance

	Factor Value	Cable Racking DS0	Cable Racking DS1	Cable Racking DS3	Cable Racking Fiber
Investment		\$ 58.49	\$ 58.49	\$ 58.49	\$ 526.40
<i>Investment Based Costs</i>					
Maintenance	0.015373	\$0.07493	\$0.07493	\$0.07493	\$0.67435
<i>Directly Assigned</i>					
Product Management Expense	0.053904	\$0.00404	\$0.00404	\$0.00404	\$0.03635
Sales Expense	0.013375	\$0.00100	\$0.00100	\$0.00100	\$0.00902
Product Advertising Expense	0.000000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Business Fees (Other Operating Taxes)	0.042327	<u>\$0.00338</u>	<u>\$0.00338</u>	<u>\$0.00338</u>	<u>\$0.03046</u>
Directly Assigned Costs		\$0.00843	\$0.00843	\$0.00843	\$0.07583
<i>Total Direct Costs</i>					
Total Direct Costs		\$0.08335	\$0.08335	\$0.08335	\$0.75018
<i>Directly Attributed</i>					
Network Operations	0.000000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Network Support Assets	0.000000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
General Support Assets	0.000000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
General Purpose Computers	0.000000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Uncollectible	0.000000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Accounting & Finance Expense	0.000000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Human Resources Expense	0.000000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Information Management Expense	0.000000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Intangibles	0.000000	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>
Directly Attributed Costs		\$0.00000	\$0.00000	\$0.00000	\$0.00000
<i>TELRIC</i>					
TELRIC		\$0.08335	\$0.08335	\$0.08335	\$0.75018

Direct CLEC to CLEC Interconnection

Monthly Maintenance

	Factor Value	Cable Racking DS0	Cable Racking DS1	Cable Racking DS3	Cable Racking Fiber
Common					
Executive Expense	0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Planning Expense	0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
External Relations Expense	0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Legal Expense	0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Other Procurement Expense	0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Research & Development Expense	0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Other General and Admin Expense	0.00000	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>
Common Costs		<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>	<u>\$0.00000</u>
TELRIC + Common Costs		\$0.08335	\$0.08335	\$0.08335	\$0.75018