

**BEFORE THE WASHINGTON STATE  
UTILITIES AND TRANSPORTATION COMMISSION**

In the Matter of the Petition of	)	DOCKET NO. UT-033044
	)	
QWEST CORPORATION	)	
	)	<b>ELECTRIC LIGHTWAVE'S</b>
To Initiate a Mass-Market	)	<b>REDACTED RESPONSE TO</b>
Switching and Dedicated Transport	)	<b>ORDER NO. 03 REQUIRING</b>
Case Pursuant to the Triennial	)	<b>DISCLOSURE OF INFORMATION</b>
Review Order	)	
.....	)	

Electric Lightwave hereby provides its redacted response to Order No. 03 as follows:

**CLEC QUESTION NO. 1:**

Describe the hot cut process currently used to transfer lines from Qwest switches to your facilities.

**RESPONSE:**

Electric Lightwave does not utilize a hot cut process with Qwest.

**CLEC QUESTION NO. 2:**

Please list each task that is part of Qwest's current hot cut process. For each task, please provide the following information:

- (a) the average time it takes to complete the task;
- (b) the typical occurrence of the task during the process;
- (c) the labor rate for the task; and
- (d) the common overhead loading associated with the labor rate.

Please identify the sources of the data supporting your answers, including, but not limited to, time/motion studies and SME analysis.

**RESPONSE:**

Not applicable. See response to CLEC Question No. 1.

**CLEC QUESTION NO. 3:**

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Describe a batch hot cut process that you would implement to meet the FCC's requirement to establish a batch hot cut process. Please include an estimate of the maximum number of lines that should be processed in each batch.

**RESPONSE:**

Electric Lightwave provides basic local exchange service over facilities no smaller than a T-1, utilizes a largely manual process to accomplish cutovers and has not formed an opinion about a batch hot cut process that might satisfy the FCC's requirements.

**CLEC QUESTION NO. 4:**

Please list each task that is part of the batch cut process described in your response to CLEC Question No. 3, above. For each task, please provide the following information:

- (a) the average time it takes to complete the task;
- (b) the typical occurrence of the task during the process;
- (c) the labor rate for the task; and
- (d) the common overhead loading associated with the labor rate.

Please identify the sources of the data supporting your answers, including, but not limited to, time/motion studies and SME analysis.

**RESPONSE:**

Not applicable. See response to CLEC Question No. 3.

**CLEC QUESTION NO. 5:**

Beginning on January 1, 2003, please provide the average total cost per line that you incurred to manage and participate in Qwest's hot cut process, including, but not limited to, Qwest's non-recurring charges, for lines used to service residential and business mass-market customers in Qwest's service territory within Washington State. If the average total cost per line discussed above is different for residential and business mass-market customers, please identify the average total costs separately.

**RESPONSE:**

Not applicable. See response to CLEC Question No. 1.

**CLEC QUESTION NO. 6:**

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If the Commission determines that competitive carriers are not impaired without access to switching in the mass-market, please identify, by Qwest wire center in Washington State, what monthly volumes of hot cuts would be required within the first 12 months after the effective date of the decision: (a) to migrate existing UNE-P customers to UNE-L or another form of service, and (b) to connect new customers in the ordinary course of business. Please provide supporting documentation for these volume estimates.

**RESPONSE:**

Electric Lightwave almost exclusively utilizes its own switches so there will be little to no hot cuts required to migrate existing UNE-P customers to any other form of service or to connect new customers in the ordinary course of business.

**CLEC QUESTION NO. 7:**

Please describe any circumstances in which you believe Qwest has performed deficiently in providing you with hot cuts in Washington State since January 1, 2003. Please provide a complete description of all facts that you rely upon as well as documents that support your assertion.

**RESPONSE:**

Not applicable. See response to CLEC Question No. 1.

**CLEC QUESTION NO. 8:**

Please provide a list of all switches that you currently use, or those that you have used, or that you could use to provide a qualifying service (as defined in 47 C.F.R. § 51.5, as that section will be amended by the Final Rules issued by the FCC pursuant to the Triennial Review Order) anywhere in Washington state, regardless of whether the switch itself is located in the state. For each switch listed in response to this bench request, please provide the:

- (a) Physical location of each switch (*i.e.*, the street address);
- (b) The 11-digit Common Language Location Identifier (CLLI) code of the switch as it appears in the Local Exchange Routing Guide (LERG) for Washington state; and
- (c) The LATA served by each switch.

**RESPONSE:**

CITY	a. ADDRESS	b. CLLI CODE	c. LATA
Seattle	1218 3rd Ave # 410, Seattle WA 98101	STTLWATWDS0	674

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CITY	a. ADDRESS	b. CLLI CODE	c. LATA
Tukwila	13705 Gateway Dr., Tukwila, WA 98188	TKWLWAZSDS0	674
Spokane	9515 E. 1st Ave, Spokane WA 99206	SPKNWAZSDS0	676
Portland	6058 NE 78th Ct, Portland OR 97218	PTLEORTEDS0	672

**CLEC QUESTION NO. 9:**

For each of the switches identified in your response to CLEC Question No. 8, please state whether you own the switch, lease the switching capacity, use the switch on an unbundled or resale basis, or otherwise have obtained the right to use the switch on some non-ownership basis. If you do not own the facility, please identify (a) the entity owning the switch and, if different than the owner of the switch, the entity with which you have entered into the lease or other arrangement, (b) the nature of the arrangement, and (c) whether the entity or entities are affiliates of yours, in the sense defined in paragraph 408, footnote 1263, of the Triennial Review Order.

**RESPONSE:**

Electric Lightwave owns all switches identified in response to CLEC Question No. 8.

**CLEC QUESTION NO. 10:**

Please identify whether the information in the Local Exchange Routing Guide (LERG) for Washington state is current and accurate for the switches that you listed in response to CLEC Question No. 8. If any of the information is not accurate, please identify the inaccurate information and provide corrected information, including any additions, deletions or changes. As part of your review of the information in the LERG, please state whether the CLLI code is accurate for each switch that you identified in response to CLEC Question No. 8. In addition, please state whether the LERG definition of the function of each switch (*i.e.*, tandem, end office, etc.) is accurate.

**RESPONSE:**

Information contained in the LERG is current and accurate for all switches identified in response to CLEC Question No. 8.

**CLEC QUESTION NO. 11:**

For each switch listed in response to CLEC Question No. 8, **excluding Qwest switches that you use on an unbundled basis in Qwest's service territory in Washington state or through the resale of Qwest's services at wholesale rates**, please provide:

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- (a) The vertical and horizontal ("V&H") coordinates of the switch from the LERG;
- (b) The switch type (e.g., Lucent 5ESS),
- (c) The function of the switch (e.g., stand-alone, host, or remote);
- (d) The switch capacity (i.e., the maximum number of voice-grade equivalent lines it is capable of serving);
- (e) The geographic area over which you provide qualifying service to end-user customers with the switch;
- (f) The initial cost of the switch, including installation and engineering costs; and
- (g) The number of initially equipped lines.

**RESPONSE:**

CLLI CODE	a. V&H	b. SWITCH TYPE	C. SW. FUNCTION	d. SW CAPACITY	e. COVERAGE AREA	f. INIT COST	g. INIT LINES
STTLWATWDS0	6337/8896	DMS-500	STAND-ALONE	0	Decommissioned as of December 2003		
TKWLWAZSDS0	6365/8883	DMS-501	STAND-ALONE	5184	Seattle-Tacoma area	\$3.97Mil	3072
SPKNWAZSDS0	6244/8156	DMS-502	STAND-ALONE	4032	Spokane Area	\$1.16Mil	3072
PTLEORTEDS0	6788/8901	DMS-503	STAND-ALONE	12096	Portland-Vancouver area	\$2.63 Mil	9216

**CLEC QUESTION NO. 12:**

For each switch identified in your response to CLEC Question No. 11, please provide a list of all the Qwest wire centers in Washington state, identified by name, address, and CLLI code, for which you are currently using that switch to provide qualifying service to any end user customers.

**RESPONSE:**

Market Area	Switch	Rate center
SEATTLE	SPKNWAZSDS0	SPOKANE
SEATTLE	STTLWATWDS0	SEATTLE
SEATTLE	TKWLWAZSDS0	AUBURN BELLEVUE BOTHELL DES MOINES EVERETT HALLS LAKE

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Market Area	Switch	Rate center
		KENT
		KIRKLAND
		RENTON
		SEATTLE
		TACOMA
		TACOMAWVLY
PORTLAND	PTLEORTEDS0	VANCOUVER
		LONGVIEW
		CAMAS

**CLEC QUESTION NO. 13:**

For each Qwest wire center identified in response to CLEC Question No. 12, please identify the total number of voice-grade equivalent lines that you are providing to customers in that wire center from each switch identified in response to CLEC Question No. 11. For purposes of this question, "voice-grade equivalent lines" should be defined consistently with the FCC's use of the term. *See, e.g., FCC Form 477, Instructions for the Local Competition and Broadband Reporting Form.*

**REDACTED RESPONSE:**

The requested information is not available by Qwest wire center. As of October 31, 2003, Electric Lightwave had the following number of voice-grade equivalent lines in Washington:

**CONFIDENTIAL INFORMATION HAS BEEN REDACTED**

**CLEC QUESTION NO. 14:**

With respect to the voice-grade equivalent lines identified in your response to CLEC Question No. 13, please separately indicate the number being provided to (a) residential customers; (b) business customers to whom you provide between 1-3 voice-grade equivalent lines at one location; (c) business customers to whom you provide between 4-24 voice-grade equivalent lines at one location; and (d) business customers to whom you provide 25 or more voice-grade equivalent lines (in one location).

**REDACTED RESPONSE:**

The following is a breakdown of the Total Washington lines provided in response to CLEC Question No. 13:

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**CONFIDENTIAL INFORMATION HAS BEEN REDACTED**

**CLEC QUESTION NO. 15:**

With respect to the lines identified in your response to CLEC Question No. 13, please provide, beginning with January 1, 2003, the average total monthly revenues earned per line served in Washington state by LATA, MSA, and wire center, and specify the source of those revenues by service type. The average total monthly revenue per line should include revenues associated with the basic retail price charged to the customer, vertical features, universal service payments, interstate access charges, intrastate access charges, subscriber line charges, toll, long distance, local number portability, data, service to Internet service providers, and line revenues derived from any other sources. Please provide any available breakdowns of each revenue component that is part of the average total revenue per line, identifying the type and amount of the revenue. Please identify any differences between types of customers served.

**REDACTED RESPONSE:**

The following table provides average monthly revenues per line for January through October 2003 at the level of detail available from Electric Lightwave's accounting system. An extremely time consuming analysis of billing records would be required to provide accurate data at any other level.

**CONFIDENTIAL INFORMATION HAS BEEN REDACTED**

**CLEC QUESTION NO. 16:**

With respect to the lines identified in your response to CLEC Question No. 13, please provide, beginning with January 1, 2003, the average total monthly cost incurred per line served in Washington State by LATA, MSA, and wire center, and specify the source of those costs by service type. These costs should include costs associated with switching; loops; collocation; transport; hot cuts; OSS; signaling; customer acquisitions; backhauling traffic to your switches; maintenance, operations, and other administrative activities; and capital costs. Please provide any available breakdowns of each cost component that is part of the average total cost per line, identifying the type and amount of each cost. Please identify any cost differences between types of customers served.

**REDACTED RESPONSE:**

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The following table provides average monthly expenses per line for January through October 2003 at the level of detail available from Electric Lightwave's accounting system. An extremely time consuming analysis of individual transactions would be required to provide accurate data at any other level.

**CONFIDENTIAL INFORMATION HAS BEEN REDACTED**

**CLEC QUESTION NO. 17:**

Please state whether you are providing, or have plans to provide, through a wholesale, lease, or resale arrangement, capacity on any switches you own or operate in Washington state, or that you own or operate in another state and that you use to provide a qualifying service in Washington state, to another carrier for use in providing qualifying services anywhere in Washington state. For each switch you identify in response to this bench request, please identify:

- (a) The CLLI code for the switch;
- (b) The make, model, age, and current software upgrades of the switch;
- (c) The geographic location of the switch;
- (d) The geographic area served by the switch; including a list of all exchanges served by the switch;
- (e) The features and functions (including software upgrades) available in the switch;
- (f) The capacity of the switch, including:
  - (i) Percentage of switch capacity in use;
  - (ii) Percentage of switch capacity reserved for your own use and future use; and
  - (iii) Percentage of current and future capacity of the switch that will be made available for CLEC use.
- (g) For each switch identified, please state in detail:
  - (iv) The anticipated service life of each switch;
  - (v) Whether you intend to use the switch for the full anticipated service life.
- (h) The rates, terms, and conditions under which you are making the switch capacity available;
- (i) The identity of the other carrier, whether you are affiliated with the other carrier, and if you are affiliated, the nature of the affiliation.



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**RESPONSE:**

ELI is attempting to compile the requested information. A response will be provided when available.

**CLEC QUESTION NO. 18:**

For each month beginning with January 1, 2003, please identify the monthly churn rate you have experienced in providing qualifying services to end user customers in Washington state. In answering this bench request, you should calculate the churn rate as the number of voice grade equivalent lines lost each month divided by the average number of voice grade equivalent lines in service each month. In calculating the churn rate, do not include customers who move but remain your customer.

**REDACTED RESPONSE:**

**CONFIDENTIAL INFORMATION HAS BEEN REDACTED**

**CLEC QUESTION NO. 19:**

Please provide a list of all transport facilities (*i.e.*, trunks) in Washington state between any two Qwest central offices, or between a Qwest central office and non-Qwest facilities, that you own, control, or lease or have obtained use of from an entity other than Qwest. For each such facility, please identify:

- (a) The A (beginning) location, the Z (ending) location, and any other premises through which the facility is routed;
- (b) The wire center in which the facility is located, by CLLI code (if wire center data is unavailable, please report the data by city);
- (c) The type of transport facility (*i.e.*, DS0, DS1, DS3, dark fiber);
- (d) The transport technology used (*e.g.*, fiber optic (dark or lit), microwave, radio, or coaxial cable);
- (e) The level of capacity the facility is capable of supporting;
- (f) Whether you own the facility, lease or purchase transmission capacity on the facility, use the facility on an unbundled basis, or have obtained the use of the switch on some other non-ownership basis, and if you do not own the facility, please identify the nature of the arrangement and the name of the entity owning the facility; and
- (g) The number of facilities you own, control, lease, or have use of along the same A to Z route you identify in section (a) above.

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**RESPONSE:**

See attached table.

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Washington Transport Facilities								
(a)	(a)	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Circuit A CLLI	Circuit A Wire Center	Circuit Z CLLI	Facility Wire Center	Type of Trans port	Facility Transport Technology	Level of Capacity Supported	Own/Lease/ Other Arrangement	Number of Facilities
BLLVWANX	BLLVWAGL	BLLVWAGLHJ3	Glencourt	SONET	Lit Fiber Optic	OC-48 (2 systems)	Owned	2
TACMWAZS	TACMWAGF	OLYMWA02HG1	Whitehall	SONET	Lit Fiber Optic	OC-12	Owned	1
PTLEORTE	PTLDOR11	ORCHWA01HJ2	Orchards	SONET	Lit Fiber Optic	OC-48, OC-12	Owned	2
STTLWATW	STTLWA06	RNTNWA01HG1	Renton	SONET	Lit Fiber Optic	OC-48 (2 systems)	Owned	2
SPKNWAZS	SPKNWAWA	SPKNWA01HG1	Riverside	SONET	Lit Fiber Optic	OC-48 (2 systems)	Owned	2
STTLWATW	STTLWA06	STTLWA03HJ1	East	SONET	Lit Fiber Optic	OC-48	Owned	1
STTLWATW	STTLWA06	STTLWA05HG2	Atwater	SONET	Lit Fiber Optic	OC-48	Owned	1
STTLWATW	STTLWA06	STTLWA06HJ4	Main	SONET	Lit Fiber Optic	OC-48 (3 systems)	Owned	3
STTLWATW	STTLWA06	STTLWACAHG3	Campus	SONET	Lit Fiber Optic	OC-48, OC-12	Owned	2
STTLWATW	STTLWA06	STTLWADUHJ1	Duwamish	SONET	Lit Fiber Optic	OC-48 (2 systems)	Owned	2
TACMWAZS	TACMWAGF	TACMWAFAG1	Fawcett	SONET	Lit Fiber Optic	OC-48 (2 systems), OC-12	Owned	3

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**CLEC QUESTION NO. 20:**

Please provide a list of all the Qwest wire centers in Washington state, identified by name, address, and CLLI code, to which you provide or offer transport facilities (*i.e.*, any facilities that, directly or indirectly, provide connections to wire centers) to other carriers. For each such facility, please identify:

- (a) The type of transport facility (*i.e.*, DS0, DS1, DS3, dark fiber);
- (b) The transport technology used (*e.g.*, fiber optic (dark or lit), microwave, radio, or coaxial cable);
- (c) The level of capacity the facility is capable of supporting; and
- (d) The names of the other carriers.

**REDACTED RESPONSE:**

**CONFIDENTIAL INFORMATION HAS BEEN REDACTED**

**CLEC QUESTION NO. 21:**

For each transport facility identified in your response to CLEC Question No. 19 that you have deployed yourself or have obtained from a supplier other than Qwest, please identify the cost of the facility, including the installation cost for any facilities that you have deployed yourself, and the rates, terms, and conditions of any transport facilities that you obtain through a wholesale, lease, or resale arrangement from any entity other than Qwest.

**RESPONSE:**

Historical cost data is not available to provide an answer to this question.

**CLEC QUESTION NO. 22:**

Please identify the points within Washington state and the location (by street address and/or V & H coordinates) at which you connect your local network facilities to the networks of carriers other than Qwest, including interconnection with other CLECs, interexchange carriers, or internet service providers at any point of presence (POP), network access point (NAP), collocation hotel, data center, or similar facility.

**REDACTED RESPONSE:**

**CONFIDENTIAL INFORMATION HAS BEEN REDACTED**

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**CLEC QUESTION NO. 23:**

Please provide a list of all fiber rings in Washington state that you own or control and identify the location (by street address and/or V&H coordinates) of each add-drop multiplexer or comparable facility for connecting other transport facilities (*e.g.*, wire centers, loops, other fiber rings) to the fiber ring.

**REDACTED RESPONSE:**

**CONFIDENTIAL INFORMATION HAS BEEN REDACTED**

**CLEC QUESTION NO. 24:**

Please identify whether you are affiliated with Qwest in any way or with any other carrier (including intermodal providers) that serves the transport routes or connection points identified in response to CLEC Questions No. 19 and 22. If so, please describe the affiliation.

**RESPONSE:**

No.

**CLEC QUESTION NO. 25:** Please identify whether you have any long-term (10 or more years) dark fiber Indefeasible Rights of Use (IRUs) between any two Qwest wire centers or other facilities in the same LATA in Washington state, in which you maintain an active physical collocation arrangement.

**RESPONSE:**

None.

**CLEC QUESTION NO. 26:**

If you have identified any long-term dark fiber IRUs in your answer to CLEC Question No. 25, please identify for each pair of wire centers or other locations:

- (a) The common name, address and CLLI code for each pair of wire centers or other locations;
- (b) The number of dark fiber pairs terminating at each of the physical collocation facilities;
- (c) Whether you have attached optronics to the dark fiber, and if so, the transmission level of each such lit circuit; and
- (d) The term of the IRU.

**RESPONSE:**

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Not applicable. See response to CLEC Question No. 25.

**CLEC QUESTION NO. 27:**

Please provide a list of all recurring and non-recurring rate elements and rates that apply when a CLEC purchases UNE-L and special access, EEL, DS1, DS3, or dark fiber transport from a Qwest rate center to a CLEC rate center.

**RESPONSE:**

See Qwest's SGAT rates effective July 11, 2003.

**CLEC QUESTION NO. 28:**

For each Qwest wire center in which you have a collocation arrangement, please identify:

- (a) The name, address, and CLLI code of the wire center;
- (b) The number of collocation arrangements for each wire center identified;
- (c) The type of collocation (*e.g.*, caged, cageless, shared or virtual);
- (d) The type of equipment and the number of equivalent DS0 channels for all services in each collocation space (*e.g.*, DLC, remote switches, multiplexers, transmission terminals, etc.);
- (e) The types of services provided using such an arrangement (*e.g.*, qualifying services, broadband, internet access);
- (f) The cost and capacity of each item of equipment identified above;
- (g) The transmission facilities and the number of equivalent DS0 channels for all services used to connect the wire center to your switch or non-Qwest switching provider;
- (h) The type of termination equipment used in the collocation arrangement;
- (i) The amount of unused or excess space in each collocation space; and
- (j) The approximate number of days between the date the collocation space was turned over to you and the date equipment in the collocation space was first used to provide local service. If the collocation space has not been used to provide local service, or was so used in the past but is not now, so state and provide the date, if any, on which you intend to use the space to provide local service.

**REDACTED RESPONSE:**

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**CONFIDENTIAL INFORMATION HAS BEEN REDACTED**

**CLEC QUESTION NO. 29:**

For each shared or non-Qwest location (*e.g.*, collocation hotels) in which you are located, please state:

- (a) The name address, or CLLI code (if applicable) of the shared or non-Qwest location;
- (b) The type of collocation or sharing/leasing of space for placement of equipment (*e.g.*, caged, cageless, shared or virtual);
- (c) The type of equipment and the number of equivalent DS0 channels for all services in the collocation space (*e.g.*, DLC, remote switches, multiplexers, transmission terminals, etc.);
- (d) The types of services provided using such an arrangement (*e.g.*, qualifying services, broadband, internet access);
- (e) The cost and capacity of each item of equipment identified above; and
- (f) The transmission facilities and the number of equivalent DS0 channels for all services used to connect the office to your switch or non-Qwest switching provider.

**REDACTED RESPONSE:**

**CONFIDENTIAL INFORMATION HAS BEEN REDACTED**

**CLEC QUESTION NO. 30:**

Please provide a list of all Qwest wire centers in Washington state, identified by name, address, and CLLI code, at which you connect a collocation arrangement to a facility or collocation arrangement belonging to another carrier, and for each connection, identify the carrier and the capacity or type of connection.

**RESPONSE:**

None.

**CLEC QUESTION NO. 31:**

Please provide a list of all Qwest wire centers in Washington state, identified by name, address and CLLI code, at which you were denied the ability to connect a collocation arrangement to a collocation arrangement or facility belonging to another carrier.

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**RESPONSE:**

None.