

October 31, 2016

Filing Center Public Utility Commission of Oregon 201 High Street SE, Suite 100 Salem, Oregon 97301

Re: OAR 860-200-0200, Qualified Project Report

Comcast Corporation & Subsidiaries

Dear Commission Staff:

Comcast Corporation & Subsidiaries (collectively, "Comcast") respectfully submits the enclosed Qualified Project Report (the "Report") to the Public Utility Commission of Oregon (the "Commission") pursuant to OAR 860-200-0200.

OAR 860-200-0200(1) requires a company that has received a qualified project determination under ORS 308.677(4) ("Qualified Project Determination") to submit a report to the Commission on or before November 1 of each year. Comeast received a Qualified Project Determination from the Commission on March 1, 2016. Order No. 16-085, *In re Comeast Corp. & Subs.*, Docket No. UM-1760 (Or. Pub. Util. Comm'n Mar. 1, 2016), as corrected by Order No. 16-088, *In re Comeast Corp. & Subs.*, Docket No. UM-1760 (Or. Pub. Util. Comm'n Mar. 3, 2016).

As an overview, Comcast provides video, high-speed data and phone services in thirty-nine (39) states, including Oregon. Comcast provides communication services in ten Oregon counties: Benton, Clackamas, Columbia, Lane, Linn, Marion, Multnomah, Polk, Washington and Yamhill. Comcast offers a tier of internet access service delivering download and upload speeds of up to two (2) gigabits per second symmetrical ("Gigabit Pro") in a number of markets in twenty-seven (27) states, including Oregon. Within Oregon, Comcast began offering Gigabit Pro service in and around Beaverton, Corvallis, Damascus, Eugene, Forest Grove, Gladstone, Gresham, Happy Valley, Hillsboro, Junction City, Lake Oswego, McMinnville, Milwaukie, Oregon City, Portland, Salem, Tigard, West Linn and Wilsonville prior to December 31, 2015.

The enclosed Report includes, in accordance with OAR 860-200-0200(2) & (3), a completed Oregon Form PUC FM050, e-Filing Report Cover Sheet, along with all of the documents and information required to be reported under OAR 860-200-0200 and 860-200-0250 for companies that offered the qualified service in Oregon during the preceding calendar year.

Additionally, pursuant to OAR 860-200-0200(5), Comcast will arrange for an on-site review by Commission Staff prior to December 31, 2016 of Comcast's most recent Form 477

Oregon-specific broadband subscription data submitted to the Federal Communications Commission ("FCC").

Portions of the Report are confidential and protected from public disclosure under federal and/or state law, including, but not limited to, ORS 192.502(8) and 192.501(2). As such, we have enclosed two separately bound sets of documents:

- The first bound set of documents is an unreducted copy of the Report in which all confidential information has been identified as such and printed on yellow paper pursuant to OAR 860-001-0070.
- The second bound set of documents is a copy of the Report in which all confidential information has been reducted.

Please note that the numbered tabs in the bound sets generally correspond to the appropriate section of OAR 860-200-0250. Additionally, we have enclosed two flash drives, the first of which is confidential and contains an electronic, unredacted copy of the Report, and the second of which contains an electronic, redacted copy of the Report. The flash drive containing the confidential, unredacted copy of the Report contains privileged and proprietary information, which is protected from any unauthorized divulgence under federal and/or state law.

If you have any questions or require additional information, please do not hesitate to contact me at the number provided above or by e-mail at pamela_willmoth@comcast.com.

Respectfully submitted,

Pamela Willmoth

Enclosures

e-FILING REPORT COVER SHEET



Comcast Corporation & Subsidiaries COMPANY NAME: DOES REPORT CONTAIN CONFIDENTIAL INFORMATION? No | Yes If yes, submit a redacted public version (or a cover letter) by email. Submit the confidential information as directed in OAR 860-001-0070 or the terms of an applicable protective order. RG (Gas) RW (Water) RT (Telecommunications) RE (Electric) Select report type: ◆ RO (Other, for example, industry safety information) Did you previously file a similar report? ■ No Yes, report docket number: 860-200-0200 Report is required by: AR Statute Note: A one-time submission required by an order is a compliance filing and not a report (file compliance in the applicable docket) Other (For example, federal regulations, or requested by Staff) Is this report associated with a specific docket/case? Yes, docket number: List Key Words for this report. We use these to improve search results. Send the completed Cover Sheet and the Report in an email addressed to PUC.FilingCenter@state.or.us Send confidential information, voluminous reports, or energy utility Results of Operations Reports to

PUC Filing Center, PO Box 1088, Salem, OR 97308-1088 or by delivery service to 201 High Street SE

Suite 100, Salem, OR 97301.

COMCAST'S QUALIFIED PROJECT REPORT TO THE PUBLIC UTILITY COMMISSION OF OREGON

Tab	Document Brief Description	Provision
1.		1107101011
1.	Certification of Pamela Willmoth	OAR 860-200-0250(1)
2.	Amount of Capital Investment in Oregon	OAR 860-200-0250(2)
3.	Description of How Comcast Provides Gigabit Pro	
A.	Description of Comcast's Gigabit Pro	OAD 960 200 0250(2)
В.	Gigabit Pro Schematic	OAR 860-200-0250(3)
C.	High-Level Description of the Gigabit Pro Network	
4.	Map Depicting Area Comcast Offers Qualified Service To Residential Broadband Services Customers in Oregon	OAR 860-200-0250(4)
5.	Percentage of Comcast's Residential Broadband Services Customers in Oregon with Access to Qualified Service	OAR 860-200-0250(5)
6.	Percentage of Comcast's Residential Broadband Services Customers With Access to Qualified Service That Subscribe to Broadband Service Under Certain Download Speed Tiers	OAR 860-200-0250(6)
7.	Percentage of Comcast's Residential Broadband Services Customers in Oregon That Subscribe to Broadband Service Based on Certain Download Speed Tiers	OAR 860-200-0250(7)
8.	Product Description of Comcast's Qualified Service	
Α.	Additional Detail of Comcast's Qualified Service	OAR 860-200-0250(8)
В.	Comcast Gigabit Pro – 2-year Customer Service Agreement	
9.	Network Speed Test Methods, Data, and Results from Sample of Tests for Comcast's Qualified Service	OAR 860-200-0250(9)
10.	Percentage of Households to whom Comcast Offers Qualified Service Who Were Denied That Service	OAR 860-200-0250(10)
11.	Number of Complaints Comcast Received that Comcast Denied Access to its Qualified Service Due to the Income Level of the Residential Customers, and Description of How Each Complaint was Resolved.	OAR 860-200-0250(11)
12.	Additional Information	OAR 860-200-0250(12)

Comcast Corporation & Subsidiaries Qualified Project Report

COMMONWEALTH OF PENNSYLVANIA)
) ss:
COUNTY OF PHILADELPHIA)

CERTIFICATION PURSUANT TO OAR 860-200-0250(1)

Before me, the undersigned notary public, this day, personally appeared Pamela Willmoth to me known, who being duly sworn according to law, deposes the following:

I, Pamela Willmoth, Senior Director, Property Tax, for Comcast Corporation, affirm that Comcast Corporation & Subsidiaries, as described and set forth in the report accompanying this Certification, has met the requirements for service capacity and offering service to residential customers specified in Section 308.677(2) of the Oregon Revised Statutes.

I further affirm that all of the information in Comcast Corporation & Subsidiaries' report accompanying this Certification is accurate and complete.

I hereby declare that the above statements are true to the best of my knowledge and belief, and that I understand it may be used for any purpose allowed under Oregon law, including as evidence in court, and is subject to penalty-for-perjury.

Dated:	10-28-16	talah Dech
		Pamela Willmoth

Subscribed and sworn to before me this 28th day of betom, 2016.

Notary Public

My Commission Expires: 12/31/2019

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL
LORI A. KLUMPP, Notary Public
City of Philadelphia, Phila. County
My Commission Expires December 31, 2019

INFORMATION REQUESTED PURSUANT TO OAR 860-200-0250(2)

The amount of capital investment made in the previous calendar year by the company in Oregon in newly constructed or installed real or tangible personal property constituting communication infrastructure that enables the company to offer the qualified service.

In 2015, after considering year-end adjustments, Comcast made capital investments of approximately [* * CONFIDENTIAL - REDACTED * *] in Oregon of newly constructed or installed real or tangible personal property constituting communication infrastructure that enables Comcast to offer its qualified service.

In 2016, as of the end of Comcast's third-quarter, September 30, 2016, Comcast has made an estimated capital investment of approximately [* * CONFIDENTIAL - REDACTED * *] in Oregon of such communication infrastructure.

Accordingly, Comcast has made an estimated aggregate capital investment of approximately [* * CONFIDENTIAL - REDACTED * *] within Oregon from 2015 up to September 30, 2016.

Comcast Corporation & Subsidiaries Qualified Project Report

INFORMATION REQUESTED PURSUANT TO OAR 860-200-0250(3)

A general description of how the company is providing the qualified service.

Please refer to Tabs A, B, and C of the "Confidential" version of the Report.

INFORMATION REQUESTED PURSUANT TO OAR 860-200-0250(4)

A map, including county and city designations, depicting the area where the company offers qualified service and identifying, using census blocks, where residential customers of the company subscribe to broadband services indicating the highest of the following download speed tiers for each census block in which it bas customers:

- (a) Up to and including 100 Megabits per second (Mbps);
- (b) Greater than 100 Mbps up to and including 500 Mbps; and
- (c) Greater than 500 Mbps.
- (d) The company may submit information regarding speed tiers in addition to those shown above. As an example, a company may choose to also submit information regarding download speed of 1 gigabit per second (Gbps) or greater.

Please refer to Tab A of the "Confidential" version of the Report for the small-scale map depicting the area where Comcast offers qualified service, as well as download tiers for its residential customers.

Because one map would not sufficiently depict the areas where Comcast offer its qualified service along with the download speed tiers for each census block, Comcast has attached eight additional maps that depict such information on a more-granular level. Please refer to Tabs A through H in the "Confidential" version of the Report for the additional maps.

For large-scale maps in electronic form, please refer to the PDF files located on the "Confidential" flash drive submitted with Comcast's Report.

INFORMATION REQUESTED PURSUANT TO OAR 860-200-0250(5)

The quartile containing the percentage of the company's residential broadband services customers in Oregon that have access to the company's at least, approximately one gigabit per second symmetrical service.

- (a) Quartile 1-0 percent to 25 percent;
- (b) Quartile 2-26 percent to 50 percent;
- (c) Quartile 3-51 percent to 75 percent;
- (d) Quartile 4 greater than 75 percent.

Comcast qualifies under "[* * CONFIDENTIAL - REDACTED * *]" because approximately [* * CONFIDENTIAL - REDACTED * *] of Comcast's residential broadband services customers in Oregon have access to Comcast's Gigabit Pro service.

Comcast Corporation & Subsidiaries Qualified Project Report

INFORMATION REQUESTED PURSUANT TO OAR 860-200-0250(6)

The percentage, rounded up to a whole percent, of the company's residential broadband services customers with access to the company's qualified service that subscribe to broadband service in the following download speed tiers:

- (a) Up to and including 100 Mbps;
- (b) Greater than 100 Mbps up to and including 500 Mbps; and
- (c) Greater than 500 Mbps.
- (d) The company may submit information regarding speed tiers in addition to those shown above. As an example, a company may choose to also submit information regarding download speed of 1 gigabit per second (Gbps) or greater.

The following percentages reflect Comcast's residential broadband service customers with access to Comcast's qualified service that subscribe to broadband service in the following download speed tiers:

- [* * CONFIDENTIAL REDACTED * *] subscribe to download speed tiers up to and including 100 Mbps.
- [* * CONFIDENTIAL REDACTED * *] subscribe to download speed tiers greater than 100 Mbps up to and including 500 Mbps.
- [* * CONFIDENTIAL REDACTED * *] subscribe to download speed tiers greater than 500 Mbps

INFORMATION REQUESTED PURSUANT TO OAR 860-200-0250(7)

The percentage, rounded up to a whole percent, of the company's residential broadband services customers in Oregon that subscribe to broadband service in the following download speed tiers:

- (a) Up to and including 100 Mbps;
- (b) Greater than 100 Mbps up to and including 500 Mbps; and
- (c) Greater than 500 Mbps.
- (d) The company may also submit information regarding speed tiers in addition to those shown above. As an example, a company may choose to also submit information regarding download speed of 1 gigabit per second (Gbps) or greater.

The following percentages reflect Comcast's residential broadband service customers in Oregon that subscribe to the following download speed tiers:

- [* * CONFIDENTIAL REDACTED * *] subscribe to download speed tiers up to and including 100 Mbps.
- [* * CONFIDENTIAL REDACTED * *] subscribe to download speed tiers greater than 100 Mbps up to and including 500 Mbps.
- [* * CONFIDENTIAL REDACTED * *] subscribe to download speed tiers greater than 500 Mbps

INFORMATION REQUESTED PURSUANT TO OAR 860-200-0250(8)

A product description and a copy of the company's customer service agreement form for each qualified service offering.

Comcast's Gigabit Pro is a tier of internet access service delivering download and upload speeds of up to two (2) gigabits per second symmetrical to residential broadband customers over a fiber network.

Please refer to Tab A for more information on Comcast's Gigabit Pro service.

Please refer to Tab B for Gigabit Pro two-year Customer Service Agreement.

Support

My XHIVITY

Internet at the speed of right now



Our Fastest Speeds Available

Gigabit Pro 2 Gb /second

\$299^{95/ma}

Pricing & Other Info

An XFINITY Internet data Usage Plan may apply

Minimum System Requirements

Promotional pricing may apply

Speak to a Multi-gig representitive today to learn more

800-XFINITY

Gigabit Internet

Because fast is never fast enough

Gigabit Internet 1 Gb

\$139^{95/mo}

Pricing & Other Info

An XFINITY Internet data Usage Plan may apply

Minimum System Requirements

Promotional pricing may apply

Click below to learn more about One Gig Availability

Learn more

1 Gig service may not be available in your area.

XFINITY Gigabit Pro & Gigabit Internet Availability



California	Chico, Fresno, Marysville/Yuba City, Merced,	New Hampshire	Lebanon, Manchester
	Modesto, Monterey, Mountainview, Oakland,	New Jersey	Jersey City, Newark, Trenton
	Palo Alto, Sacramento, Salinas, San Francisco Bay Area, San Jose, Santa Barbara County,	New Mexico	Albuquerque, Santa Fe
	Santa Clara, Stockton and Visalia metro areas,	New York	Carmel
	Sunnyvale	Oregon	Beaverton, Corvallis, Damascus, Eugene, Forest
Colorado	Boulder, Colorado Springs, Denver	-	Grove, Gladstone, Gresham, Happy Valley,
Connecticut	Hartford, New Haven		Hillsboro, Junction City, Lake Oswego,
Delaware	New Castle, Wilmington		McMinnville, Milwaukie, Oregon City, Portland, Salem, Tigard, West Linn, Wilsonville
Florida .	Ft. Lauderdale, Jacksonville, Miami* , West Palm Beach	Pennsylvania	Bethlehem, Harrisburg, Hershey, Lebanon, Philadelphia, Pittsburgh, State College
Georgia	Atlanta	Tennessee	Chattanooga, Knoxville, Nashville
Illinois	Chicago	Texas	Houston
Indiana	Anderson, Bloomington, Columbus, Elkhart, Fort Wayne, Gary, Hammond, Indianapolis,	Utah	Salt Lake City, Provo
	Kokomo, Lafayette, South Bend	Vermont	Montpellier
Maine	Brunswick	Virginia	Charlottesville, Richmond
Maryland	Baltimore, Grantsville	Washington	Battle Ground, Camas, Castle Rock, Columbia
Massachusetts	Boston, Lowell, Martha's Vineyard, Quincy, Springfield		City, Kalama, Kelso, La Center, Longview, Ridgefield, Seattle/Tacoma, Vancouver, Washougal, Woodland
Michigan	Detroit*, Flint, Grand Rapids, Jackson, Lansing	Washington, DC	
Minnesota	Arden Hills, Blaine, Brooklyn Park, Burnsville, St. Paul, Minneapolis, Shakopee, Woodbury	West Virginia	Martinsburg

{OrderDate}

{CustomerFirstName} {CustomerLastName} {CustomerBillingAddressStreet} {CustomerBillingAddressLine2} {CustomerBillingAddressCity}, {CustomerBillingAddressState} {CustomerBillingAddressZip}

Account Number: {Account_Number}

Dear {CustomerFirstName} {CustomerLastName}

Thank you for requesting the following offer ("Offer"):

Offer:

XFINITY Gigabit Pro Internet Service ("Service") for 24 months at Comcast\'s Regular rate, currently \$299.95 per month (pricing subject to change)

The Offer you selected requires a minimum term agreement and is subject to an early termination fee. A copy of the agreement will either be mailed or emailed depending on whether you have provided this to Comcast. If you had expected to receive this agreement via email, we apologize, but we were unable to deliver it through that method. Once you receive this letter via mail, no further action is required to accept the terms of this offer.

You have the option to cancel the agreement within 30 days of the date the services under the Offer are installed / activated. If you wish to cancel the agreement, you must contact Comcast by calling 1-800-XFINITY. If you do not cancel the agreement within the 30 day period, the terms of the agreement provided will automatically apply.

A copy of this agreement will be available, after your installation/activation, at www.xfinity.com. Once registered, click on My Account > Sign In> Billing & Payment. This agreement will be posted on the right side along with other Terms associated with Comcast.com.

Please feel free to contact us with any questions you may have by calling 1-800-XFINITY.

Thank you.

COMCAST

{OrderDate}

{CustomerServiceAddressStreet} {CustomerServiceAddressLine2} {CustomerServiceAddressCity}, {CustomerServiceAddressState} {CustomerServiceAddressZip}

Account Number: {Account_Number}

Offer:

XFINITY Gigabit Pro Internet Service ("Service") for 24 months at Comcast's Regular rate, currently \$299.95 per month (pricing subject to change)

24 MONTH TERM CUSTOMER AGREEMENT

Dear {CustomerFirstName} {CustomerLastName},

Thank you for choosing Comcast!

A description of the Offer ("Offer") you have ordered is set forth above. The Offer is subject to the terms and conditions of this agreement ("Agreement"), including the minimum term and early termination provisions under Section 5 below, and Comcast's standard terms and conditions of service.

Term and Conditions

If you cancel this Agreement within 30 days of the date of Service installation/activation, you will be responsible for the prorated charges for Service up to the date the Agreement is cancelled, installation fee, currently \$500.00 for standard installation (non-standard installation charges are additional) and activation fee (currently \$500.00) (pricing subject to change). If you do not cancel this Agreement within 30 days of the date of Service installation/activation, as applicable, you will be billed for the Services at the rates specified under the Offer. If you wish to cancel this Agreement, you must call Comcast at 1-800-XFINITY. Upon cancellation you are required to return all equipment provided by Comcast.

If you cancel this Agreement within THIRTY (30) DAYS of the date Services are installed / activated, as applicable, the early termination fee specified in Section 5 shall not apply. The 30 day period referenced above begins on the date of installation.

The customer receiving this Offer named above ("you" or "your") will receive the Services under the Offer for the first 24 MONTHS from the date the Service is activated / installed, at the price specified above plus applicable taxes, activation, installation, and other fees such charges and fees subject to change during and after the term of this agreement. YOU AGREE THAT PRICING IS SUBJECT TO CHANGE DURING THE 24 MONTH OF SERVICE UNDER THIS AGREEMENT. You agree to maintain the Service for 24 MONTHS with your account in good standing. Comcast is not responsible for lost or misdirected agreements.

YOU AGREE THAT IF ANY SERVICE COMPRISING THE OFFER IS CANCELLED, DOWNGRADED OR DISCONNECTED FOR ANY REASON DURING THE 24 MONTH PERIOD AN EARLY TERMINATION FEE OF UP TO \$1,150.00 SHALL APPLY. DURING THE TERM OF THE AGREEMENT, THE EARLY TERMINATION FEE WILL BE REDUCED BY \$50.00 EVERY MONTH, BEGINNING WITH THE SECOND MONTH AFTER SERVICE ACTIVATION/INSTALLATION. IN ADDITION, IF SERVICE IS DOWNGRADED, COMCAST'S APPLICABLE CHARGES FOR SERVICE AND EQUIPMENT WITHOUT A 24 MONTH AGREEMENT WILL APPLY TO ANY REMAINING SERVICES. YOU ALSO AGREE THAT FOLLOWING THE 24 MONTH PERIOD, COMCAST'S APPLICABLE CHARGES FOR SERVICES AND EQUIPMENT WITHOUT A 24 MONTH TERM AGREEMENT SHALL APPLY UNLESS SERVICE IS CANCELLED BY CALLING 1-(800)-XFINITY.

If during the term of this Agreement you cancel Service because you move your residence to a location within a Comcast serviceable area and you reconnect to comparable Services offered by Comcast (as determined by Comcast), within 30 days of disconnection, the amount of the early termination fee will be credited upon proof of installation. If Comcast does not offer comparable Services and you activate XFINITY Internet service within 30 days of your Service

disconnection, the amount of the early termination fee will be credited upon proof of installation. To receive the credit, you must contact Comcast by calling, 1-855-487-0252 within forty-five (45) days of Service disconnection.

Services under the Offer are for one outlet (except as may be specified under the above Offer). Comcast's applicable charges for installation, equipment, and other services not specifically included in the Offer described above (including without limitation, pay per view, and other non-recurring charges) are additional. The provisions of this Agreement supplement the terms and conditions of the Comcast agreement for residential services for Cable, High Speed Internet and Digital Voice services (as amended in accordance with its terms).

Comcast may rearrange, delete, add to or otherwise change programming or features or offerings contained in the Services.

Customer acknowledges that he or she has been provided with the minimum system requirements necessary for use of the service which are available at http://customer.comcast.com/help-and-support/internet/requirements-to-run-xfinity-internet-service.

Again, thank you for choosing Comcast. Please call us if you have any questions.

Sincerely,

Comcast Customer Service

SP | GigPro_\$299.95x24_Q215_2Y

INFORMATION REQUESTED PURSUANT TO OAR 860-200-0250(9)

The network speed test methods, data, and results from a sample of tests conducted within six months of the date of the report, using industry-standard testing methodology, for the company's broadband service that provides at least, approximately one gigabit per second symmetrical service.

Comcast has performed a number of network speed tests for its Gigabit Pro service using industry-standard testing methodology.

Please refer to Tabs A, B, C, D, and E in the "Confidential" set of the Report for the network speed test methods, data, and results from a sample of tests conducted for Comcast's Gigabit Pro service within six months of the Report. Any customer-related information has been reducted.

INFORMATION REQUESTED PURSUANT TO OAR 860-200-0250(10)

In the previous calendar year, the percentage of households to whom the company offers its qualified service who properly placed an order requesting the equivalent of at least, approximately one gigabit per second symmetrical service and were denied that service by the company.

In the previous calendar year, Comcast has denied its qualified service to $\underline{0\%}$ of households to whom Comcast offers its qualified service who properly placed an order requesting such service.

INFORMATION REQUESTED PURSUANT TO OAR 860-200-0250(11)

In the previous calendar year, the number of complaints the company received that the company had denied access to its qualified service to a group of residential customers because of the income level of the residential customers in the local service area in which the residential customers reside, and a description of how each complaint was resolved.

In the previous calendar year, Comcast received <u>zero</u> complaints that it had denied access to its qualified service to any group of residential customers based on the income level of the residential customers in the local service area in which the residential customers reside.

INFORMATION REQUESTED PURSUANT TO OAR 860-200-0250(12)

Any additional information the company wishes to report regarding benefits of any tax exemption granted to the company under ORS 308.677.

Comcast's qualified service offers Oregon consumers access to the latest technological breakthrough in Internet service. A growing number of Oregon consumers have been subscribing and experiencing the benefits of ultra-high-speed broadband service with Comcast's fiber-to-the-home solutiou, including subscribers after the June reporting period. The capital investment made by Comcast in its Oregon system, which includes the system that provides the qualified service, in both the 2015 and 2016 years, dwarfs the property tax associated with its intangible value in Oregon.