

PUBLIC SERVICE COMMISSION STATE OF MONTANA

Bill Gallagher, Chairman
Bob Lake, Vice Chairman
Kirk Bushman, Commissioner
Travis Kavulla, Commissioner
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December 18, 2014

TO: Phil Grate – CenturyLink
Regulatory and Legislative Director
1600 7th Ave., 15th Floor
Seattle, WA 98191

Peter Scott – Attorney
Gough Shanahan Johnson & Waterman
682 S. Ferguson Ave., Suite 4
Bozeman, MT 59718

FROM: Gary Duncan - Rate Analyst

RE: Data requests in Docket D2014.11.91

Enclosed please find a data request of the Montana Public Service Commission to CenturyLink, numbered PSC-002 through PSC-005 in the above-referenced docket. When responding, please restate the data request and identify the respondent.

Please respond by January 16, 2015. Respondent must file an original and four copies with the Commission, 1701 Prospect Avenue, P.O. Box 202601, Helena, Montana 59620-2601. Responses must also be e-filed at <http://psc.mt.gov> (go to “Account Login/Registration” under the “Electronic Documents” tab).

If you have any questions regarding this discovery, please contact Gary Duncan on 406-444-6189 gduncan@mt.gov. Questions on the e-filing process should be directed to Sandy Scherer on 406-444-6180, sscherer@mt.gov.

Sincerely,

Gary Duncan
Regulatory Division
Montana Public Service Commission

Service Date: December 18, 2014

DEPARTMENT OF PUBLIC SERVICE REGULATION
BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MONTANA

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IN THE MATTER OF CenturyLink QC's Service) REGULATORY DIVISION
and Its Response to Notice of Commission Action)
in Docket N2014.3.38, Including Petition)
for Waiver of Admin. R. Mont. 38.5.3371(7)(b)) DOCKET NO. D2014.11.91

DATA REQUEST PSC-002 through PSC 005 OF THE
MONTANA PUBLIC SERVICE COMMISSION
TO
QWEST CORPORATION d/b/a CENTURYLINK QC

PSC-002

Regarding: "Vital Few Leadership Scorecard" report, cable
Respondent: Unknown

- a) Please provide all Leadership Scorecard reports for the Cascade, Wibaux, and Wolf Creek exchanges for 2013 and 2014.
- b) Please provide the number of miles of "open wire" in the CenturyLink QC Montana serving area.
- c) Please explain generally when that open wire was installed.
- d) Please explain the differences and advantages and disadvantages of open wire versus air filled cable versus jell filled cable.
- e) What are the percentages of open wire versus air filled cable versus jell filled cable in CenturyLink QC's rural Montana network?

PSC-003

Regarding: open wire, analog carriers
Respondent: Unknown

- a) Please describe any plans to replace open wire.
- b) Please provide an estimate of how much it would cost to replace all open wire in the CenturyLink QC Montana network.

- c) Are all analog carriers in the CenturyLink QC Montana network Anaconda carriers? If not, what other type of analog carrier systems are in the network?
- d) Please provide the location of each analog carrier system in an ERSI Shape File or other GSI format, and the number of customers served by each system. Please also provide a map showing the location of each analog carrier system.
- e) Please provide a list of repeat OOS trouble reports in the Montana CenturyLink QC network for 2013 and to date 2014. If multiple OOS trouble reports for any customer location have been taken anytime between Jan. 1, 2013 and November 1, 2014, please list each report together for the same location in the same format specified for the reporting of individual OOS > 24 Hours trouble reports in the Commission August 26, 2014 NCA in Docket No. N2014.4.38.

PSC-004

Regarding: analog carriers, CAF Phase II census blocks

Respondent: Unknown

- a) Please provide an estimate of the cost to replace all analog carrier systems in the CenturyLink QC Montana serving area.
- b) How many of the analog carrier systems are located in census blocks eligible for CAF Phase II funding?
- c) Please provide a map showing the census blocks eligible for CAF Phase II funding in which analog carrier systems are located.
- d) Would CenturyLink agree that if it accepts CAF Phase II funding that, in order to deploy the required broadband service, the analog carrier systems would need to be replaced?
- e) Can DSL be delivered to customers on analog carrier systems?

PSC-005

Regarding: analog carriers

Respondent: Unknown

- a) Can DSL be delivered to a customer over open wire?
- b) Are digital subscriber carrier systems a possible replacement for analog carriers?
- c) From a network perspective, please explain what is involved in replacing an analog carrier with digital carriers.
- d) When did Anaconda carrier systems and replacement parts cease to be manufactured?

- e) Are any analog carrier systems currently utilized in the CenturyTel serving area in Montana? If so, how many?

PSC-006

Regarding: analog carriers, trouble report rate

Respondent: Unknown

- a) If CenturyTel does not utilize analog carrier systems in Montana, what technology does it utilize to provide service in its rural areas?
- b) Please provide the trouble report rate by wire center by month for the period March, 2014 to November, 2014.