

Exh.

CASCADE NATURAL GAS CORPORATION

Docket No. UG-951415

1995 WASHINGTON GENERAL RATE CASE

NWIGU Request #8

Date prepared: 3-14-96

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WUTC <u>UG-950326</u>		
DOCKET NO. <u>-951415</u>		
EXHIBIT # <u>22</u>		
ADMIT <input checked="" type="checkbox"/>	W/D <input type="checkbox"/>	REJECT <input type="checkbox"/>

RE: Exhibit (LMD-1)

If not evident from the results of the load flow program provided in response to Item No. 7 above, please provide a diagram indicating the level of peak day load flow from the city gate station to the delivery point of each transportation customer.

Response:

For the purposes of calculating a response to this data request, several assumptions were made. The following tables are based on these assumptions:

- 1) The model used to obtain the flow in each segment was the existing model that was in the computer system. The model used may or may not have related to a particular calendar day, but in most instances, was representative of an actual experienced peak day. The model may or may not have been representative of a design day.
- 2) For the purposes of this response, it was assumed that each transportation customer was at peak usage.
- 3) The data corresponds to the maps provided previously in a data request. The points (A, B, etc.) also correspond to those maps. As with the previous data request, the route shown on the maps is a potential route for the gas to get to the transportation customer in question.
- 4) The segment flow shown is the flow into the segment.

The tables were created for each of the flow systems in which transportation customers use gas. The customers served in each system are also shown in the tables. The tables are in the file CORE %1.XLS.

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Bellingham: 0680

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-8	1132	319	28%	813	72%
R18	1083	319	29%	764	71%
A-B	1100	319	29%	781	71%
B-C	1087	319	29%	768	71%
C-D	1082	319	29%	763	71%
D-E	837	319	38%	518	62%

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Everson:

2525

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-3	217	93	43%	124	57%
A-B	217	93	43%	124	57%
R69	93	93	100%	0	0%
M&R	93	93	100%	0	0%
SVC	93	93	100%	0	0%

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Lynden: 2500

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
R65	57	54.75	96%	2.25	4%
A-B	57	54.75	96%	2.25	4%
R66	57	54.75	96%	2.25	4%
B-C	57	54.75	96%	2.25	4%
M&R	54.75	54.75	100%	0	0%
SVC	54.75	54.75	100%	0	0%

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Sumas: 0113

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
R87	25.6	25.2	98%	0.4	2%
A-B	25.6	25.2	98%	0.4	2%
R88	25.6	25.2	98%	0.4	2%
B-C	25.6	25.2	98%	0.4	2%
M&R	25.2	25.2	100%	0	0%
SVC	25.2	25.2	100%	0	0%

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Kitsap Peninsula: 0785, 0957

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-1	1200	83.8	7%	1116.2	93%
R11	1200	83.8	7%	1116.2	93%
R28	335	37.8	11%	297.2	89%
R17	335	46	14%	289	86%
R26	289	46	16%	243	84%
R51	37.8	37.8	100%	0	0%
A-B	1200	83.8	7%	1116.2	93%
B-C	335	37.8	11%	297.2	89%
C-D	37.8	37.8	100%	0	0%
SVC 0957	37.8	37.8	100%	0	0%
M&R 0957	37.8	37.8	100%	0	0%
B-E	335	46	14%	289	86%
E-F	335	46	14%	289	86%
F-G	289	46	16%	243	84%
G-H	143	46	32%	97	68%
H-I	100	46	46%	54	54%
I-J	100	46	46%	54	54%
J-K	46	46	100%	0	0%
SVC 0785	46	46	100%	0	0%
M&R 0785	46	46	100%	0	0%
J-K	46	46	100%	0	0%
H-I	100	46	46%	54	54%

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Elma/ Hoquiam:

2250, 0115, 0536

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-2	404	147.2	36%	256.8	64%
R10	404	147.2	36%	256.8	64%
A-B	404	147.2	36%	256.8	64%
R6	138	106.2	77%	31.8	23%
B-C	138	106.2	77%	31.8	23%
M&R 2250	106.2	106.2	100%	0	0%
SVC 2250	106.2	106.2	100%	0	0%
B-D	240	41	17%	199	83%
R1	206	41	20%	165	80%
D-E	206	41	20%	165	80%
R2	206	41	20%	165	80%
E-F	206	41	20%	165	80%
F-G	118	41	35%	77	65%
G-H	73	41	56%	32	44%
H-I	17	17	100%	0	0%
M&R 0536	17	17	100%	0	0%
SVC 0536	17	17	100%	0	0%
H-J	61	24	39%	37	61%
M&R 0115	24	24	100%	0	0%
SVC 0115	24	24	100%	0	0%

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Shelton: 2335

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
R34	42	42	100%	0	0%
A-B	42	42	100%	0	0%
R35	42	42	100%	0	0%
M&R	42	42	100%	0	0%
SVC	42	42	100%	0	0%

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Kalama:

0500

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-4	310	301.86	97%	8.14	3%
A-B	310	301.86	97%	8.14	3%
B-C	301.86	301.86	100%	0	0%
B-C	301.86	301.86	100%	0	0%
M&R	301.86	301.86	100%	0	0%
SVC	301.86	301.86	100%	0	0%

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Longview:

0124, 1220, 1660, 1740, 1210, 2016

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-2	3900	3702.3	95%	197.7	5%
A-B	3900	3702.3	95%	197.7	5%
B-C	3702.3	3702.3	100%	0	0%
R4	3702.3	3702.3	100%	0	0%
C-D	3702.3	3702.3	100%	0	0%
M&R 0124	114	114	100%	0	0%
SVC 0124	114	114	100%	0	0%
B-E	3588.3	3588.3	100%	0	0%
R11	3588.3	3588.3	100%	0	0%
E-F	3588.3	3588.3	100%	0	0%
M&R 1740	29.3	29.3	100%	0	0%
SVC: 1740	29.3	29.3	100%	0	0%
E-G	3559	3559	100%	0	0%
G-H	3559	3559	100%	0	0%
M&R 1220	3127	3127	100%	0	0%
SVC 1220	3127	3127	100%	0	0%
R13	432	432	100%	0	0%
G-I	432	432	100%	0	0%
S-J	432	432	100%	0	0%
R14	432	432	100%	0	0%
J-K	432	432	100%	0	0%
K-L	432	432	100%	0	0%
L-M	432	432	100%	0	0%
M&R 1210	12	12	100%	0	0%
SVC: 1210	12	12	100%	0	0%
I-N	420	420	100%	0	0%
N-O	420	420	100%	0	0%
O-P	420	420	100%	0	0%
SVC 2016	100	100	100%	0	0%
M&R 2016	100	100	100%	0	0%
O-Q	320	320	100%	0	0%
Q-R	320	320	100%	0	0%
M&R 1660	320	320	100%	0	0%
SVC. 1660	320	320	100%	0	0%

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Moses Lake:

0110, 0350, 1498

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-3	730	274.28	38%	455.72	62%
A-B	730	274.28	38%	455.72	62%
B-C	361	202.96	56%	158.04	44%
C-D	233	202.96	87%	30.04	13%
B-E	368	71.32	19%	296.68	81%
F-G	18.06	18.06	100%	0	0%
E-H	71.32	71.32	100%	0	0%
R15	71.32	71.32	100%	0	0%
R16	18.06	18.06	100%	0	0%
R17	184.9	184.9	100%	0	0%
SVC 0110	184.9	184.9	100%	0	0%
SVC 0350	71.32	71.32	100%	0	0%
SVC 1498	18.06	18.06	100%	0	0%
M&R 0110	184.9	184.9	100%	0	0%
M&R 0350	71.32	71.32	100%	0	0%
M&R 1498	18.06	18.06	100%	0	0%

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Othello: 0400, 0662, 1850

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-5	493	487.7	99%	5.3	1%
A-B	493	487.7	99%	5.3	1%
B-C	493	487.7	99%	5.3	1%
C-D	173.885	173.885	100%	0	0%
D-E	173.885	173.885	100%	0	0%
C-F	74.9	41.2	55%	33.7	45%
F-G	41.2	41.2	100%	0	0%
R11	74.9	41.2	55%	33.7	45%
R12	272.615	272.615	100%	0	0%
R18	173.885	173.885	100%	0	0%
SVC 0400	272.615	272.615	100%	0	0%
SVC 0662	173.885	173.885	100%	0	0%
SVC 1850	41.2	41.2	100%	0	0%
M&R 0400	272.615	272.615	100%	0	0%
M&R 0662	173.885	173.885	100%	0	0%
M&R 1850	41.2	41.2	100%	0	0%

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Quincy: 2540, 2541, 1886

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-1	119	89.587	75%	29.413	25%
A-B	119	89.587	75%	29.413	25%
B-C	119	89.587	75%	29.413	25%
R25	89.587	89.587	100%	0	0%
M&R 2540, 2541	55.587	55.587	100%	0	0%
SVC 2540, 2541	55.587	55.587	100%	0	0%
C-D	34	34	100%	0	0%
M&R 1886	34	34	100%	0	0%
SVC 1886	34	34	100%	0	0%

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8" Anacortes HP: 1880, 2080, 0060, 1440

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-1	3000	2731.84	91%	268.16	9%
R74	2731.84	2731.84	100%	0	0%
R47	1200	1200	100%	0	0%
R09	64	64	100%	0	0%
R41	67.835	67.835	100%	0	0%
R90	1400	1400	100%	0	0%
M&R 2080	1400	1400	100%	0	0%
M&R 1880	1200	1200	100%	0	0%
M&R 0060	67.835	67.835	100%	0	0%
M&R 1440	64	64	100%	0	0%
8" Anac. HP	3000	2731.84	91%	268.16	9%
4" 1440	64	64	100%	0	0%
8" 1880, 2080	2600	2600	100%	0	0%
8" Repair	2600	2600	100%	0	0%
4" 0060 HP	67.835	67.835	100%	0	0%
SVC 2080	1400	1400	100%	0	0%
SVC 1880	1200	1200	100%	0	0%
SVC 0060	67.835	67.835	100%	0	0%
SVC 1440	64	64	100%	0	0%

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Arlington: 0127

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-4	150	16.5	11%	133.5	89%
R86	100	16.5	17%	83.5	84%
A-B	150	16.5	11%	133.5	89%
B-C	100	16.5	17%	83.5	84%
4" HP R66	100	16.5	17%	83.5	84%
4" HP/IP R86	100	16.5	17%	83.5	84%
M&R	16.5	16.5	100%	0	0%
SVC	16.5	16.5	100%	0	0%

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Stanwood/Oak

Harbor: 0122, 2095

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-3	246	176.562	72%	69.438	28%
R63	40	26.562	66%	13.438	34%
A-B	40	26.562	66%	13.438	34%
M&R 2095	26.562	26.562	100%	0	0%
SVC 2095	26.562	26.562	100%	0	0%
A-C	206	150	73%	56	27%
R59	150	150	100%	0	0%
M&R 0122	150	150	100%	0	0%
SVC 0122	150	150	100%	0	0%
A-C	206	150	73%	56	27%

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Grandview: 1882, 2360 2580

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-3	167	104.225	62%	62.775	38%
R5	115	104.225	91%	10.775	9%
A-B	167	104.225	62%	62.775	38%
B-C	115	104.225	91%	10.775	9%
C-D	47	27.5	59%	19.5	41%
K-L	47	27.5	59%	19.5	41%
L-M	27.5	27.5	100%	0	0%
C-I	76.725	76.725	100%	0	0%
I-J	54	54	100%	0	0%
E-F	22.725	22.725	100%	0	0%
F-G	22.725	22.725	100%	0	0%
G-H	22.725	22.725	100%	0	0%
D-K	47	27.5	59%	19.5	41%
M&R 2580	27.5	27.5	100%	0	0%
M&R 1882	22.725	22.725	100%	0	0%
M&R 2360	54	54	100%	0	0%
SVC 2580	27.5	27.5	100%	0	0%
SVC 1882	22.725	22.725	100%	0	0%
SVC 2360	54	54	100%	0	0%

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Prosser: 1080, 1850, 2095

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-1	316	250.163	79%	65.837	21%
A-B	316	250.163	79%	65.837	21%
B-C	316	250.163	79%	65.837	21%
C-D	316	250.163	79%	65.837	21%
R1	316	250.163	79%	65.837	21%
D-E	275	250.163	91%	24.837	9%
E-F	172.845	172.845	100%	0	0%
F-G	67.125	67.125	100%	0	0%
M&R 1080	67.125	67.125	100%	0	0%
SVC 1080	67.125	67.125	100%	0	0%
F-H	105.72	105.72	100%	0	0%
M&R 2095	105.72	105.72	100%	0	0%
SVC 2095	105.72	105.72	100%	0	0%
E-I	140	77.318	55%	62.682	45%
M&R 1850	77.318	77.318	100%	0	0%
SVC 1850	77.318	77.318	100%	0	0%
E-I	140	77.318	55%	62.682	45%
E-I	140	77.318	55%	62.682	45%

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Sunnyside: 0890, 2502, 2025

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-6	471	188.115	40%	282.885	60%
R12	58.6	58.6	100%	0	0%
R42	106.29	106.29	100%	0	0%
R44	23.225	23.225	100%	0	0%
A-B	390	188.115	48%	201.885	52%
B-D	23.225	23.225	100%	0	0%
A-C	390	188.115	48%	201.885	52%
B-E	159	58.6	37%	100.4	63%
E-F	159	58.6	37%	100.4	63%
SVC 0890	58.6	58.6	100%	0	0%
SVC 2502	106.29	106.29	100%	0	0%
SVC 2025	23.225	23.225	100%	0	0%
M&R 0890	58.6	58.6	100%	0	0%
M&R 2502	106.29	106.29	100%	0	0%
M&R 2025	23.225	23.225	100%	0	0%

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Zillah HP: 0280, 2310, 1483

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-8	417	166.97	40%	250.03	60%
A-B	417	166.97	40%	250.03	60%
R29	123	52.725	43%	70.275	57%
B-C	123	52.725	43%	70.275	57%
R28	123	52.725	43%	70.275	57%
C-D	123	52.725	43%	70.275	57%
D-E	52.725	52.725	100%	0	0%
E-F	52.725	52.725	100%	0	0%
F-G	61	52.725	86%	8.275	14%
M&R 1483	52.725	52.725	100%	0	0%
SVC 1483	52.725	52.725	100%	0	0%
H-I	190	114.245	60%	75.755	40%
I-J	170	114.245	67%	55.755	33%
M&R 0280	71.02	71.02	100%	0	0%
SVC 0280	71.02	71.02	100%	0	0%
J-K	90	43.225	48%	46.775	52%
R25	90	43.225	48%	46.775	52%
K-L	90	43.225	48%	46.775	52%
L-M	43.225	43.225	100%	0	0%
M-N	47	43.225	92%	3.775	8%
M&R 2310	43.225	43.225	100%	0	0%
SVC: 2310	43.225	43.225	100%	0	0%

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Kennewick:

2380

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-3	430	33	8%	397	92%
R15	151	33	22%	118	78%
A-B	151	33	22%	118	78%
B-C	130	33	25%	97	75%
C-D	33	33	100%	0	0%
C-D	33	33	100%	0	0%
M&R	33	33	100%	0	0%
SVC	33	33	100%	0	0%

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Pasco: 0485, 0489 Iowa Beef Products

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
A-B	200.178	200.178	100%	0	0%
R10	200.178	200.178	100%	0	0%
B-C	200.178	200.178	100%	0	0%
M&R 0485	200.178	200.178	100%	0	0%
SVC 0485	200.178	200.178	100%	0	0%
D-E	31.5	31.5	100%	0	0%
R1	31.5	31.5	100%	0	0%
E-F	31.5	31.5	100%	0	0%
M&R 0489	31.5	31.5	100%	0	0%
SVC 0489	31.5	31.5	100%	0	0%
O-7	24	24	100%	0	0%
G-H	24	24	100%	0	0%
M&R Agri	24	24	100%	0	0%
SVC Agri	24	24	100%	0	0%
B-C	24	24	100%	0	0%
E-F	24	24	100%	0	0%

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Richland: 1000, 1135, 0125

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-3	279	79.366	28%	199.634	72%
R11	279	79.366	28%	199.634	72%
A-B	279	79.366	28%	199.634	72%
B-C	279	79.366	28%	199.634	72%
B-C	279	79.366	28%	199.634	72%
C-D	279	79.366	28%	199.634	72%
C-D	279	79.366	28%	199.634	72%
C-D	279	79.366	28%	199.634	72%
C-D	279	79.366	28%	199.634	72%
D-E	279	79.366	28%	199.634	72%
E-F	174	69.053	40%	104.947	60%
F-G	136	69.053	51%	66.947	49%
G-H	124	69.053	56%	54.947	44%
H-I	67	54.753	82%	12.247	18%
E-K	16	7.313	46%	8.687	54%
H-L	54	14.3	26%	39.7	74%
L-J	49	14.3	29%	34.7	71%
L-J	49	14.3	29%	34.7	71%
M&R 1135	54.753	54.753	100%	0	0%
M&R 0125	14.3	14.3	100%	0	0%
M&R 1000	7.313	7.313	100%	0	0%
SVC 1135	54.753	54.753	100%	0	0%
SVC 0125	14.3	14.3	100%	0	0%
SVC 1000	7.313	7.313	100%	0	0%

Cascade Natural Gas Corporation

Walla Walla/
College Place:

2260, 1700, 2255, 2325, 0475, 1988, 0495

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-1	612	380.144	62%	231.856	38%
R2	84.4	83.8	99%	0.6	1%
R1	528	296.344	56%	231.656	44%
A-B	84.4	83.8	99%	0.6	1%
B-C	84.4	83.8	99%	0.6	1%
C-D	83.8	83.8	100%	0	0%
SVC 2260	83.8	83.8	100%	0	0%
M&R 2260	83.8	83.8	100%	0	0%
A-E	528	296.344	56%	231.656	44%
E-F	499	296.344	59%	202.656	41%
F-G	126.13	126.13	100%	0	0%
H-I	38.424	38.424	100%	0	0%
I-J	38.424	38.424	100%	0	0%
K-L	30	30	100%	0	0%
M-N	80.79	80.79	100%	0	0%
SVC 0475	20.79	20.79	100%	0	0%
SVC 1988	38.424	38.424	100%	0	0%
SVC 0495	60	60	100%	0	0%
SVC 2255	30	30	100%	0	0%
SVC 2325	126.13	126.13	100%	0	0%
SVC 1700	21	21	100%	0	0%
M&R 0475	20.79	20.79	100%	0	0%
M&R 1988	38.424	38.424	100%	0	0%
M&R 0495	60	60	100%	0	0%
M&R 2255	30	30	100%	0	0%
M&R 2325	126.13	126.13	100%	0	0%
M&R 1700	21	21	100%	0	0%

Cascade Natural Gas Corporation :

Wenatchee:

1045, 0414, 1050

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-2	17.688	17.688	100%	0	0%
R7	17.688	17.688	100%	0	0%
R7	17.688	17.688	100%	0	0%
M&R 1045	17.688	17.688	100%	0	0%
SVC 1045	17.688	17.688	100%	0	0%
O-3	359	24.51	7%	334.49	93%
O-3	359	24.51	7%	334.49	93%
R1	359	24.51	7%	334.49	93%
R1	359	24.51	7%	334.49	93%
R1	359	24.51	7%	334.49	93%
A-B	359	24.51	7%	334.49	93%
B-C	359	24.51	7%	334.49	93%
C-D	130	24.51	19%	105.49	81%
C-D	130	24.51	19%	105.49	81%
D-E	52	16.12	31%	35.88	69%
M&R 1050	8.39	8.39	100%	0	0%
M&R 0414	16.12	16.12	100%	0	0%
SVC 1050	8.39	8.39	100%	0	0%
SVC 0414	16.12	16.12	100%	0	0%

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Selah: 2090, 2092

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-4	178.305	178.305	100%	0	0%
R17	178.305	178.305	100%	0	0%
A-B	178.305	178.305	100%	0	0%
B-C	178.305	178.305	100%	0	0%
C-D	178.305	178.305	100%	0	0%
M&R 2090	77.755	77.755	100%	0	0%
M&R 2092	100.55	100.55	100%	0	0%
SVC: 2090	77.755	77.755	100%	0	0%
SVC: 2092	100.55	100.55	100%	0	0%

Cascade Natural Gas Corporation

Yakima:

1220, 0160, 2465, 1850

Segment	Segment Flow (Mcfh)	Non-Core Flow (Mcfh)	% of Total	Core Flow (Mcfh)	% of Total
O-2	1551	247.464	16%	1303.536	84%
A-B	588	107.589	18%	480.411	82%
R-5	588	107.589	18%	480.411	82%
B-C	331	92.315	28%	238.685	72%
C-D	1041	92.315	9%	948.685	91%
D-E	313	64.625	21%	248.375	79%
E-F	124	64.625	52%	59.375	48%
F-G	75	25.45	34%	49.55	66%
G-H	62	25.45	41%	36.55	59%
F-J	39.175	39.175	100%	0	0%
J-K	39.175	39.175	100%	0	0%
D-L	721	27.69	4%	693.31	96%
B-N	257	15.274	6%	241.726	94%
N-O	161	15.274	9%	145.726	91%
O-P	109	15.274	14%	93.726	86%
P-Q	77	15.274	20%	61.726	80%
S-T	29	15.274	53%	13.726	47%
M&R 1220	39.175	39.175	100%	0	0%
M&R 0160	139.875	139.875	100%	0	0%
M&R 0300	27.69	27.69	100%	0	0%
M&R 2465	25.45	25.45	100%	0	0%
M&R 1850	15.274	15.274	100%	0	0%
SVC 1220	39.175	39.175	100%	0	0%
SVC 0160	139.875	139.875	100%	0	0%
SVC 0300	27.69	27.69	100%	0	0%
SVC 2465	25.45	25.45	100%	0	0%
SVC 1850	15.274	15.274	100%	0	0%
Q-R	30	15.274	51%	14.726	49%
R-S	30	15.274	51%	14.726	49%