

1 **Q. Provide a list of all Newfoundland Power distribution feeders, by voltage. State the**
2 **ampacity ratings at 0 degrees and peak demand anticipated for each line for next**
3 **winter. Is it correct to assume that the average demand on each feeder doesn't**
4 **exceed about 50% of the peak demand?**

5
6 A. Attachment A is a list of all Newfoundland Power distribution feeders indicating voltage,
7 winter continuous and planning ratings, and estimated 2014 peak demand for the
8 upcoming winter season under normal operating conditions.¹ The winter continuous
9 rating is based on a 0°C ambient temperature for aerial conductor and 25 °C for
10 underground conductor.² The feeder ratings provided in Attachment A include capacity
11 upgrades that will be completed before the 2014/15 winter season.

12
13 It is not correct to assume average demand on each line would not exceed 50% of peak
14 load. The average and peak demands on a distribution feeder would be dependent on a
15 number of factors including the characteristics of the load supplied by the particular
16 feeder.

¹ As indicated in response to Request for Information PUB-NP-273, Newfoundland Power completes forecasts of peak loads for feeders that may become overloaded in the near term. In recent years load growth has been primarily concentrated in the St. John's area. Attachment A includes forecast feeder peak loads for the upcoming winter season for St. John's area and actual feeder peak loads for this past winter season for Eastern and Western regions. Attachment A also includes a percentage of feeder loading planning capacity for each feeder.

² For more detail see response to Request for Information PUB-NP-146 Attachment A, Attachment B and Attachment C.

Listing of Distribution Feeders

ST. JOHN'S DISTRIBUTION FEEDER INFORMATION							
Feeder Designation	Operating Voltage (kV)	Feeder Rating				Forecast 2014/2015 Winter Peak (MVA)	Feeder Loading versus Planning Capacity (%)
		Ampacity (Amps)		Capacity (MVA)			
		Winter	Planning	Winter	Planning		
BCV-01	12.47	435	435	9.4	9.4	3.4	36.2%
BCV-02	12.47	500	441	10.8	9.5	7.8	81.6%
BCV-03	12.47	474	356	10.2	7.7	7.6	98.6%
BCV-04	12.47	474	356	10.2	7.7	5.4	70.3%
BIG-01	12.47	474	356	10.2	7.7	2.5	32.3%
BIG-02	12.47	474	356	10.2	7.7	6.0	78.1%
CAB-01	12.47	474	356	10.2	7.7	4.0	52.1%
CHA-01	25	785	590	34.0	25.5	13.8	54.1%
CHA-02	25	785	590	34.0	25.5	10.3	40.4%
CHA-03	25	785	590	34.0	25.5	14.0	54.9%
FER-01	12.47	785	590	16.9	12.7	2.3	18.1%
GDL-01	12.47	785	590	16.9	12.7	10.8	84.9%
GDL-02	12.47	785	590	16.9	12.7	9.0	70.7%
GDL-03	12.47	518	354	11.2	7.6	3.6	47.1%
GDL-04	12.47	518	354	11.2	7.6	6.6	86.4%
GDL-05	12.47	785	590	16.9	12.7	8.1	63.6%
GDL-06	12.47	785	590	16.9	12.7	6.3	49.5%
GDL-07	12.47	785	590	16.9	12.7	4.3	33.8%
GDL-08	12.47	785	590	16.9	12.7	7.6	59.7%
GOU-01	12.47	785	590	16.9	12.7	9.8	77.0%
GOU-02	12.47	785	590	16.9	12.7	10.2	80.1%
GOU-03	12.47	785	590	16.9	12.7	8.4	66.0%
HOL-02	12.47	474	356	10.2	7.7	3.2	41.7%
HWD-01	12.47	785	590	16.9	12.7	9.4	73.9%
HWD-02	12.47	785	590	16.9	12.7	8.4	66.0%
HWD-03	12.47	785	590	16.9	12.7	5.5	43.2%

ST. JOHN'S DISTRIBUTION FEEDER INFORMATION (Cont'd)							
Feeder Designation	Operating Voltage (kV)	Feeder Rating				Forecast 2014/2015 Winter Peak (MVA)	Feeder Loading versus Planning Capacity (%)
		Ampacity (Amps)		Capacity (MVA)			
		Winter	Planning	Winter	Planning		
HWD-04	12.47	785	590	16.9	12.7	4.4	34.6%
HWD-06	12.47	785	590	16.9	12.7	8.6	67.6%
HWD-07	25	785	590	34.0	25.5	14.1	55.3%
HWD-08	25	785	590	34.0	25.5	8.9	34.9%
HWD-09	25	785	590	34.0	25.5	16.2	63.5%
KBR-01	4.16	437	329	3.1	2.4	2.0	84.5%
KBR-02	4.16	474	356	3.4	2.6	2.4	93.7%
KBR-03	4.16	376	331	2.7	2.4	1.7	71.4%
KBR-04	4.16	478	438	3.4	3.2	1.4	44.4%
KBR-05	4.16	478	438	3.4	3.2	0.0	0.0%
KBR-06	4.16	478	438	3.4	3.2	2.8	88.8%
KBR-07	4.16	478	438	3.4	3.2	1.9	60.3%
KBR-08	4.16	478	438	3.4	3.2	0.0	0.0%
KBR-09	12.47	518	354	11.2	7.6	6.5	85.1%
KBR-10	12.47	474	356	10.2	7.7	7.6	99.0%
KBR-11	12.47	518	354	11.2	7.6	5.4	70.7%
KBR-12	12.47	518	354	11.2	7.6	5.0	65.5%
KEL-01	12.47	785	590	16.9	12.7	6.9	54.2%
KEL-02	12.47	785	590	16.9	12.7	6.9	54.2%
KEL-03	12.47	785	590	16.9	12.7	7.9	62.1%
KEN-01	25	785	590	34.0	25.5	10.6	41.5%
KEN-02	25	785	590	34.0	25.5	18.6	72.9%
KEN-03	25	785	590	34.0	25.5	13.7	53.7%
KEN-04	25	785	590	34.0	25.5	13.9	54.5%

**ST. JOHN'S DISTRIBUTION FEEDER INFORMATION
(Cont'd)**

Feeder Designation	Operating Voltage (kV)	Feeder Rating				Forecast 2014/2015 Winter Peak (MVA)	Feeder Loading versus Planning Capacity (%)
		Ampacity (Amps)		Capacity (MVA)			
		Winter	Planning	Winter	Planning		
MOB-02	12.47	203	153	4.4	3.3	2.4	72.7%
MOL-01	12.47	785	590	16.9	12.7	4.4	34.6%
MOL-02	12.47	785	590	16.9	12.7	4.7	36.9%
MOL-03	12.47	785	590	16.9	12.7	2.9	22.8%
MOL-04	12.47	584	409	12.6	8.8	8.0	90.7%
MOL-05	12.47	785	590	16.9	12.7	6.9	54.2%
MOL-06	12.47	518	473	11.2	10.2	7.9	77.4%
MOL-08	12.47	518	380	11.2	8.2	6.2	75.6%
MOL-09	12.47	785	590	16.9	12.7	7.9	62.1%
EXP-01	12.47	785	590	16.9	12.7	10.6	83.3%
PEP-01	12.47	720	465	15.5	10.0	8.4	83.7%
PEP-02	12.47	518	354	11.2	7.6	5.1	66.8%
PEP-03	12.47	518	354	11.2	7.6	5.8	75.9%
PEP-04	12.47	720	465	15.5	10.0	7.0	69.8%
PHR-01	4.16	785	590	5.6	4.2	2.4	56.5%
PUL-01	12.47	785	590	16.9	12.7	10.5	82.5%
PUL-02	12.47	785	590	16.9	12.7	9.3	73.1%
PUL-03	12.47	785	590	16.9	12.7	5.5	43.2%
PUL-04	12.47	785	590	16.9	12.7	9.0	70.7%
RRD-02	12.47	518	329	11.2	7.1	2.5	35.2%
RRD-03	12.47	353	231	7.6	5.0	3.5	70.2%
RRD-04	12.47	518	329	11.2	7.1	4.9	69.0%
RRD-05	12.47	518	354	11.2	7.6	5.3	69.4%
RRD-07	12.47	518	329	11.2	7.1	3.9	54.9%
RRD-08	12.47	518	354	11.2	7.6	3.4	44.5%

ST. JOHN'S DISTRIBUTION FEEDER INFORMATION (Cont'd)							
Feeder Designation	Operating Voltage (kV)	Feeder Rating				Forecast 2014/2015 Winter Peak (MVA)	Feeder Loading versus Planning Capacity (%)
		Ampacity (Amps)		Capacity (MVA)			
		Winter	Planning	Winter	Planning		
RRD-09	12.47	785	590	16.9	12.7	9.9	77.8%
RRD-10	12.47	518	354	11.2	7.6	4.5	58.9%
SCV-01	12.47	474	356	10.2	7.7	7.1	92.4%
SCV-02	12.47	474	356	10.2	7.7	1.9	24.7%
SJM-02	12.47	518	263	11.2	5.7	5.6	98.7%
SJM-03	12.47	518	263	11.2	5.7	4.4	77.6%
SJM-04	12.47	518	263	11.2	5.7	5.6	98.7%
SJM-06	12.47	712	535	15.4	11.5	4.6	39.9%
SJM-07	12.47	518	263	11.2	5.7	5.5	96.9%
SJM-08	12.47	518	263	11.2	5.7	5.5	96.9%
SJM-09	12.47	518	263	11.2	5.7	4.2	74.0%
SJM-10	12.47	376	331	8.1	7.1	2.5	35.0%
SJM-11	12.47	518	473	11.2	10.2	7.6	74.5%
SJM-12	4.16	518	426	3.7	3.1	1.9	62.0%
SJM-13	12.47	376	283	8.1	6.1	5.1	83.5%
SJM-14	12.47	518	263	11.2	5.7	4.7	82.8%
SLA-02	4.16	731	669	5.3	4.8	2.3	47.8%
SLA-03	4.16	637	430	4.6	3.1	2.0	64.6%
SLA-05	4.16	637	430	4.6	3.1	2.7	87.2%
SLA-06	4.16	675	580	4.9	4.2	2.4	57.5%
SLA-07	4.16	637	430	4.6	3.1	2.5	80.8%
SLA-08	12.47	518	354	11.2	7.6	5.8	75.9%
SLA-09	12.47	518	473	11.2	10.2	6.2	60.8%
SLA-10	12.47	785	590	16.9	12.7	8.6	67.6%
SLA-11	12.47	518	426	11.2	9.2	7.9	86.0%

**ST. JOHN'S DISTRIBUTION FEEDER INFORMATION
(Cont'd)**

Feeder Designation	Operating Voltage (kV)	Feeder Rating				Forecast 2014/2015 Winter Peak (MVA)	Feeder Loading versus Planning Capacity (%)
		Ampacity (Amps)		Capacity (MVA)			
		Winter	Planning	Winter	Planning		
SLA-12	12.47	518	426	11.2	9.2	5.6	60.9%
SLA-13	12.47	785	590	16.9	12.7	11.5	90.4%
VIR-01	12.47	680	625	14.7	13.5	8.7	64.5%
VIR-02	12.47	785	590	16.9	12.7	9.1	71.5%
VIR-03	12.47	720	629	15.5	13.6	5.4	39.8%
VIR-04	12.47	518	473	11.2	10.2	7.5	73.5%
VIR-05	12.47	785	590	16.9	12.7	7.7	60.5%
VIR-06	12.47	785	590	16.9	12.7	10.1	79.4%
VIR-07	12.47	785	590	16.9	12.7	9.3	73.1%
VIR-08	12.47	785	590	16.9	12.7	7.6	59.7%

EASTERN REGION DISTRIBUTION FEEDER INFORMATION							
Feeder Designation	Operating Voltage (kV)	Feeder Capacity Rating				Forecast 2014/2015 Winter Peak (MVA)	Feeder Loading versus Planning Capacity (%)
		Ampacity (Amps)		Capacity (MVA)			
		Winter	Planning	Winter	Planning		
BLA-01	25	303	228	13.1	9.9	4.5	45.6%
BLK-01	25	474	356	20.5	15.4	7.7	50.0%
BLK-02	25	474	356	20.5	15.4	3.9	25.3%
BRB-01	12.47	474	356	10.2	7.7	6.0	78.1%
BRB-02	12.47	316	316	6.8	6.8	0.9	13.2%
BRB-03	12.47	474	356	10.2	7.7	6.3	82.0%
BRB-04	12.47	474	356	10.2	7.7	6.7	87.2%
BRB-05	12.47	474	356	10.2	7.7	4.3	56.0%
BVA-01	12.47	474	356	10.2	7.7	3.4	44.3%
BVA-02	12.47	474	356	10.2	7.7	4.2	54.7%
BVA-03	12.47	474	356	10.2	7.7	2.5	32.6%
CAR-01	12.47	474	356	10.2	7.7	5.0	65.1%
CAR-02	12.47	316	316	6.8	6.8	5.1	74.8%
CAR-03	12.47	474	356	10.2	7.7	3.6	46.9%
CAR-04	12.47	316	316	6.8	6.8	4.5	66.0%
CAT-01	12.47	474	356	10.2	7.7	1.6	20.8%
CAT-02	12.47	303	228	6.5	4.9	1.7	34.6%
CAT-03	12.47	474	356	10.2	7.7	1.3	16.9%
CLK-02	12.47	474	356	10.2	7.7	3.1	40.4%
CLK-03	12.47	474	356	10.2	7.7	5.7	74.2%
CLK-04	12.47	785	590	16.9	12.7	2.0	15.7%
CLV-01	12.47	474	356	10.2	7.7	5.6	72.9%
CLV-02	12.47	474	356	10.2	7.7	5.7	74.2%
CLV-03	12.47	785	590	16.9	12.7	9.1	71.5%
COL-01	12.47	474	356	10.2	7.7	3.4	44.3%
COL-02	12.47	474	356	10.2	7.7	1.7	22.1%

**EASTERN REGION DISTRIBUTION FEEDER INFORMATION
(Cont'd)**

Feeder Designation	Operating Voltage (kV)	Feeder Capacity Rating				Forecast 2014/2015 Winter Peak (MVA)	Feeder Loading versus Planning Capacity (%)
		Ampacity (Amps)		Capacity (MVA)			
		Winter	Planning	Winter	Planning		
DUN-01	25	785	590	34.0	25.5	4.2	16.5%
DUN-02	25	474	356	20.5	15.4	3.6	23.4%
GAR-01	12.47	474	356	10.2	7.7	2.2	28.6%
GBE-01	7.2	224	168	2.8	2.1	0.2	9.6%
GRH-01	12.47	474	356	10.2	7.7	5.2	67.7%
GRH-02	12.47	474	356	10.2	7.7	5.8	75.5%
GRH-03	12.47	474	356	10.2	7.7	4.1	53.4%
HCT-01	12.47	474	356	10.2	7.7	1.8	23.4%
HGR-01	12.47	785	590	16.9	12.7	3.6	28.3%
HGR-02	12.47	474	356	10.2	7.7	3.1	40.4%
HGR-03	12.47	474	356	10.2	7.7	2.5	32.6%
HOL-01	12.47	474	356	10.2	7.7	5.1	66.4%
HOL-03	12.47	474	356	10.2	7.7	3.2	41.7%
ILC-01	12.47	474	356	10.2	7.7	4.5	58.6%
ILC-02	12.47	474	356	10.2	7.7	6.6	85.9%
ISL-01	12.47	474	356	10.2	7.7	3.4	44.3%
LAU-01	12.47	474	356	10.2	7.7	4.0	52.1%
LET-01	25	474	356	20.5	15.4	7.8	50.7%
LLK-01	12.47	474	356	10.2	7.7	0.0	0.0%
LLK-02	12.47	551	414	11.9	8.9	2.8	31.4%
LLK-03	12.47	785	590	16.9	12.7	3.2	25.1%
LOK-01	12.47	303	228	6.5	4.9	1.8	36.6%
MIL-01	25	474	356	20.5	15.4	5.0	32.5%
MIL-02	25	474	356	20.5	15.4	4.3	27.9%
MKS-01	25	303	228	13.1	9.9	1.8	18.3%

**EASTERN REGION DISTRIBUTION FEEDER INFORMATION
(Cont'd)**

Feeder Designation	Operating Voltage (kV)	Feeder Capacity Rating				Forecast 2014/2015 Winter Peak (MVA)	Feeder Loading versus Planning Capacity (%)
		Ampacity (Amps)	Capacity (MVA)	Ampacity (Amps)	Capacity (MVA)		
		Winter	Planning	Winter	Planning		
MSY-01	12.47	474	356	10.2	7.7	3.6	46.9%
MSY-02	12.47	474	356	10.2	7.7	5.3	69.0%
MSY-03	12.47	474	356	10.2	7.7	7.2	93.7%
MSY-04	12.47	474	356	10.2	7.7	2.1	27.3%
NCH-01	12.47	474	356	10.2	7.7	0.7	9.1%
NCH-02	12.47	474	356	10.2	7.7	2.2	28.6%
NCH-03	12.47	303	228	6.5	4.9	0.7	14.2%
NHR-01	12.47	474	356	10.2	7.7	4.3	56.0%
NHR-02	12.47	303	228	6.5	4.9	2.1	42.7%
NWB-01	25	224	168	9.7	7.3	2.4	33.0%
NWB-02	25	224	168	9.7	7.3	4.0	55.1%
OPL-01	12.47	785	590	16.9	12.7	3.1	24.4%
OPL-02	12.47	474	356	10.2	7.7	3.1	40.4%
OPL-03	12.47	474	356	10.2	7.7	3.2	41.7%
PBD-01	25	474	356	20.5	15.4	1.9	12.3%
PJN-01	7.2	303	228	3.8	2.8	0.3	10.6%
QTZ-01	12.47	224	168	4.8	3.6	0.1	2.8%
RVH-01	12.47	474	356	10.2	7.7	2.9	37.8%
RVH-02	12.47	474	356	10.2	7.7	0.5	6.5%
SCT-01	25	474	356	20.5	15.4	2.1	13.6%
SCT-02	12.47	474	356	10.2	7.7	1.0	13.0%
SMV-01	25	474	356	20.5	15.4	2.2	14.3%
SPF-01	12.47	474	356	10.2	7.7	5.2	67.7%
SPF-02	12.47	474	356	10.2	7.7	6.7	87.2%
SPF-03	12.47	474	356	10.2	7.7	1.5	19.5%

**EASTERN REGION DISTRIBUTION FEEDER INFORMATION
(Cont'd)**

Feeder Designation	Operating Voltage (kV)	Feeder Capacity Rating				Forecast 2014/2015 Winter Peak (MVA)	Feeder Loading versus Planning Capacity (%)
		Ampacity (Amps)		Capacity (MVA)			
		Winter	Planning	Winter	Planning		
SPO-01	12.47	303	228	6.5	4.9	3.2	65.1%
SPO-02	12.47	474	356	10.2	7.7	4.7	61.2%
SPO-03	12.47	474	356	10.2	7.7	2.2	28.6%
SUN-01	25	785	590	34.0	25.5	7.9	31.0%
SUN-03	25	224	168	9.7	7.3	1.6	22.0%
TRP-01	12.47	551	414	11.9	8.9	2.9	32.5%
TRP-02	12.47	474	356	10.2	7.7	0.1	0.7%
VIC-01	12.47	474	356	10.2	7.7	3.5	45.6%
VIC-02	12.47	474	356	10.2	7.7	5.0	65.1%
WAV-01	12.47	474	356	10.2	7.7	4.8	62.5%
WAV-02	12.47	224	168	4.8	3.6	1.7	46.9%
WAV-03	12.47	474	356	10.2	7.7	5.4	70.3%
WBC-01	25	474	356	20.5	15.4	3.6	23.4%

WESTERN REGION DISTRIBUTION FEEDER INFORMATION							
Feeder Designation	Operating Voltage (kV)	Feeder Capacity Rating				Forecast 2014/2015 Winter Peak (MVA)	Feeder Loading versus Planning Capacity (%)
		Ampacity (Amps)		Capacity (MVA)			
		Winter	Planning	Winter	Planning		
ABC-01	12.47	474	356	10	7.7	2.8	36.5%
ABC-02	12.47	474	356	10	7.7	4.2	54.7%
BFS-01	25	474	356	21	15.4	4.2	27.3%
BFS-02	25	474	356	21	15.4	4.5	29.2%
BHD-01	12.47	474	356	10	7.7	4.3	56.0%
BOT-01	25	474	356	21	15.4	5.0	32.5%
BOT-02	25	474	356	21	15.4	4.6	29.9%
BOT-03	25	474	356	21	15.4	4.7	30.5%
BUC-01	12.47	224	168	5	3.6	2.1	57.9%
BUC-02	12.47	303	228	7	4.9	0.6	12.2%
BVJ-01	25	224	168	10	7.3	0.1	1.4%
BVS-01	12.47	785	590	17	12.7	4.9	38.5%
BVS-02	12.47	785	590	17	12.7	3.3	25.9%
BVS-03	12.47	785	590	17	12.7	8.1	63.6%
BVS-04	12.47	785	590	17	12.7	7.4	58.1%
COB-01	12.47	785	590	17	12.7	8.5	66.8%
COB-02	12.47	785	590	17	12.7	9.6	75.4%
COB-03	12.47	785	590	17	12.7	8.3	65.2%
DLK-01	12.47	785	590	17	12.7	4.8	37.7%
DLK-03	12.47	474	356	10	7.7	7.5	97.7%
DLK-04	12.47	785	590	17	12.7	10.2	80.1%
DOY-01	25	224	168	10	7.3	4.6	63.3%
FRN-01	12.47	474	356	10	7.7	3.4	44.3%
FRN-02	12.47	474	356	10	7.7	0.9	11.7%
GAL-01	12.47	474	356	10	7.7	4.4	57.3%
GAL-03	12.47	474	356	10	7.7	5.0	65.1%

**WESTERN REGION DISTRIBUTION FEEDER INFORMATION
(Cont'd)**

Feeder Designation	Operating Voltage (kV)	Feeder Capacity Rating				Forecast 2014/2015 Winter Peak (MVA)	Feeder Loading versus Planning Capacity (%)
		Ampacity (Amps)		Capacity (MVA)			
		Winter	Planning	Winter	Planning		
GAL-04	12.47	785	590	17	12.7	6.6	51.9%
GAL-05	12.47	474	356	10	7.7	5.6	72.9%
GAM-01	25	474	356	20.5	15.4	5.3	34.4%
GAM-02	25	224	168	10	7.3	0.3	4.1%
GAN-01	12.47	785	590	17	12.7	3.4	26.7%
GAN-02	12.47	785	590	17	12.7	5.1	40.1%
GAN-03	12.47	785	590	17	12.7	4.2	33.0%
GAN-04	12.47	785	590	17	12.7	5.4	42.4%
GBS-01	12.47	785	590	17	12.7	6.8	53.4%
GBS-02	12.47	785	590	17	12.7	4.5	35.4%
GBY-01	25	353	265	15	11.5	2.2	19.2%
GBY-02	25	224	168	10	7.3	3.1	42.7%
GBY-03	25	474	356	21	15.4	2.7	17.5%
GFS-01	4.16	712	535	5	3.9	2.0	51.9%
GFS-02	25	474	356	21	15.4	11.1	72.1%
GFS-03	4.16	712	535	5	3.9	2.4	62.3%
GFS-04	4.16	712	535	5	3.9	0.9	23.4%
GFS-05	4.16	712	535	5	3.9	2.9	75.3%
GFS-06	25	474	356	21	15.4	9.1	59.1%
GFS-07	25	474	356	21	15.4	7.9	51.3%
GFS-08	25	785	590	34	25.5	13.0	50.9%
GFS-10	25	785	590	34	25.5	6.4	25.1%
GIL-01	12.47	474	356	10	7.7	3.3	43.0%
GIL-02	12.47	785	590	17	12.7	2.4	18.9%
GLN-01	25	303	228	13	9.9	2.9	29.4%

**WESTERN REGION DISTRIBUTION FEEDER INFORMATION
(Cont'd)**

Feeder Designation	Operating Voltage (kV)	Feeder Capacity Rating				Forecast 2014/2015 Winter Peak (MVA)	Feeder Loading versus Planning Capacity (%)
		Ampacity (Amps)		Capacity (MVA)			
		Winter	Planning	Winter	Planning		
GLV-01	25	474	356	21	15.4	6.3	40.9%
GLV-02	25	474	356	21	15.4	6.2	40.3%
GPD-01	12.47	303	228	7	4.9	1.2	24.4%
HAR-01	12.47	474	356	10	7.7	5.6	72.9%
HAR-02	12.47	474	356	10	7.7	5.1	66.4%
HBS-01	25	224	168	10	7.3	0.0	0.0%
HBS-02	25	224	168	10	7.3	3.8	52.3%
HOW-01	4.16	303	228	2	1.6	0.7	42.7%
HUM-01	4.16	785	590	6	4.2	2.6	61.2%
HUM-03	4.16	785	590	6	4.2	0.0	0.0%
HUM-04	4.16	785	590	6	4.2	3.1	73.0%
HUM-07	4.16	785	590	6	4.2	1.8	42.4%
HUM-08	12.47	785	590	17	12.7	5.6	44.0%
HUM-09	12.47	785	590	17	12.7	7.4	58.1%
JON-01	7.2	303	228	4	2.8	0.02	0.7%
LEW-01	25	474	356	21	15.4	6.9	44.8%
LEW-02	25	474	356	21	15.4	6.7	43.5%
LEW-03	25	474	356	21	15.4	5.5	35.7%
LEW-04	25	474	356	21	15.4	2.2	14.3%
LGL-01	25	303	228	13	9.9	2.2	22.3%
LGL-02	25	303	228	13	9.9	3.1	31.4%
MMT-01	12.47	474	356	10	7.7	4.3	56.0%
PAB-03	12.47	785	590	17	12.7	4.7	36.9%
PAB-05	12.47	785	590	17	12.7	3.5	27.5%
PAS-01	12.47	474	356	10	7.7	7.1	92.4%

**WESTERN REGION DISTRIBUTION FEEDER INFORMATION
(Cont'd)**

Feeder Designation	Operating Voltage (kV)	Feeder Capacity Rating				Forecast 2014/2015 Winter Peak (MVA)	Feeder Loading versus Planning Capacity (%)
		Ampacity (Amps)		Capacity (MVA)			
		Winter	Planning	Winter	Planning		
PAS-02	12.47	785	590	17	12.7	6.2	48.7%
RBK-01	12.47	224	168	5	3.6	3.2	88.3%
ROB-01	25	224	168	10	7.3	4.0	55.1%
ROB-02	25	224	168	10	7.3	0.6	8.3%
SCR-01	25	224	168	10	7.3	6.0	82.6%
SCR-02	25	551	414	24	17.9	0.4	2.2%
SPR-01	25	474	356	21	15.4	2.4	15.6%
SPR-02	25	474	356	21	15.4	4.1	26.6%
SPR-03	25	551	414	24	17.9	0.6	3.4%
SPR-04	25	474	356	21	15.4	2.3	14.9%
STG-01	12.47	203	153	4	3.3	1.7	51.5%
STG-02	12.47	203	153	4	3.3	2.2	66.7%
STX-01	12.47	474	356	10	7.7	5.2	67.7%
SUM-01	25	353	265	15	11.5	5.6	48.9%
SUM-02	25	353	265	15	11.5	2.1	18.3%
TNS-01	25	224	168	10	7.3	0.6	8.3%
TRN-01	25	303	228	13	9.9	1.0	10.1%
TRN-02	25	224	168	10	7.3	2.7	37.2%
TWG-01	12.47	474	356	10	7.7	4.2	54.7%
TWG-02	12.47	785	590	17	12.7	4.0	31.4%
TWG-03	12.47	474	356	10	7.7	1.8	23.4%
WAL-01	12.47	785	590	17	12.7	6.1	47.9%
WAL-02	12.47	785	590	17	12.7	6.6	51.9%
WAL-03	12.47	327	246	7	5.3	0.0	0.0%
WAL-04	12.47	785	590	17	12.7	10.0	78.6%

**WESTERN REGION DISTRIBUTION FEEDER INFORMATION
(Cont'd)**

Feeder Designation	Operating Voltage (kV)	Feeder Capacity Rating				Forecast 2014/2015 Winter Peak (MVA)	Feeder Loading versus Planning Capacity (%)
		Ampacity (Amps)		Capacity (MVA)			
		Winter	Planning	Winter	Planning		
WAL-05	12.47	785	590	17	12.7	6.2	48.7%
WAL-06	12.47	785	590	17	12.7	5.9	46.4%
WAL-07	12.47	785	590	17	12.7	4.0	31.4%
WES-01	12.47	474	356	10	7.7	3.0	39.1%
WES-02	12.47	474	356	10	7.7	4.0	52.1%
WES-03	12.47	474	356	10	7.7	3.9	50.8%