

1 **Q. Please provide any analysis that Newfoundland Power has conducted regarding the**
 2 **distribution capacity constraints and the ability of its distribution circuits and**
 3 **substations to accommodate additional load (e.g., additional load from electric**
 4 **vehicles). If available, please indicate the peak hour or peak period by substation or**
 5 **distribution circuit.**

6
 7 A. Newfoundland Power's annual capital planning activities include the completion of
 8 distribution system studies and load forecasts to identify technical constraints on the
 9 distribution system resulting from additional load growth that may require capital
 10 expenditure. These distribution planning studies and load forecasts provide input into the
 11 Company's 5-year capital plan.

12
 13 Attachment A to this response lists Newfoundland Power's distribution transformers,
 14 including the capacity rating and associated peak demand forecast for the 2024/2025
 15 winter season.¹ Attachment B to this response lists the Company's distribution feeders,
 16 including planning ratings and associated peak demand forecast for the 2024/2025 winter
 17 season.²

18
 19 Estimates of the cost of accommodating additional peak load at distribution substations
 20 and feeder trunks are provided in response to Information Request PUB-NP-079.

21
 22 While Newfoundland Power's system peak can be reliably forecast to occur in the
 23 months December through March, the particular peak hour or peak period by substation
 24 or distribution circuit in any year is variable and unpredictable. Further information
 25 regarding the timing of substation and distribution circuit peak demands is provided in
 26 response to Information Request PUB-NP-079.³

27
 28 Please see the response to Information Request PUB-NP-027 for more information
 29 related to specific analysis of electric vehicle charging infrastructure.

¹ The peak demand forecast for the 2024/2025 winter season is the last year of the Company's most recent 5-year forecast and reflects the Company's most recent 5-year capital plan.

² Attachment B provides the degree to which the Company's distribution circuits have spare capacity available along their main trunks. Distribution circuits can also be constrained by conductor and transformer sizes close to the customer, and by low voltage conditions. Low voltages are of particular concern on long rural distribution circuits.

³ See response to Information Request PUB-NP-079, Attachment A, *Marginal Cost of Electricity Service Study, Section III*.

Distribution Power Transformer Listing

**Table 1:
Distribution Power Transformer Listing
St. John's Region**

| Substation | Transformer | Primary Voltage (kV) | Secondary Voltage (kV) | Transformer Rating (MVA) | Forecast 2024-2025 Peak Load (MVA) | Rating (%) |
|---------------------|-------------|----------------------|------------------------|--------------------------|------------------------------------|------------|
| Broad Cove (BCV) | BCV-T1 | 66 | 12.47 | 25.0 | 12.6 | 50.40% |
| Broad Cove (BCV) | BCV-T2 | 66 | 12.47 | 25.0 | 12.6 | 50.40% |
| Big Pond (BIG) | BIG-T1 | 66 | 12.47 | 11.1 | 9.1 | 81.98% |
| Cape Broyle (CAB) | CAB-T2 | 66 | 12.47 | 5.0 | 4.0 | 80.00% |
| Chamberlains (CHA) | CHA-T1 | 66 | 24.94 | 50.0 | 35.5 | 71.00% |
| Chamberlains (CHA) | CHA-T2 | 66 | 24.94 | 25.0 | 16.9 | 67.60% |
| Fermuse (FER) | FER-T1 | 69 | 13.80 | 4.0 | 2.3 | 57.50% |
| Glendale (GDL) | GDL-T1 | 66 | 12.47 | 25.0 | 18.4 | 73.60% |
| Glendale (GDL) | GDL-T2 | 66 | 12.47 | 25.0 | 18.6 | 74.40% |
| Glendale (GDL) | GDL-T3 | 66 | 12.47 | 25.0 | 18.9 | 75.60% |
| Goulds (GOU) | GOU-T2 | 66 | 12.47 | 20.0 | 16.2 | 81.00% |
| Goulds (GOU) | GOU-T3 | 66 | 12.47 | 13.3 | 11.4 | 85.71% |
| Hardwoods (HWD) | HWD-T1 | 66 | 12.47 | 20.0 | 18.8 | 94.00% |
| Hardwoods (HWD) | HWD-T2 | 66 | 12.47 | 20.0 | 18.7 | 93.50% |
| Hardwoods (HWD) | HWD-T3 | 66 | 24.94 | 50.0 | 44.8 | 89.60% |
| King's Bridge (KBR) | KBR-T3 | 66 | 12.47 | 25.0 | 20.0 | 80.00% |
| King's Bridge (KBR) | KBR-T4 | 66 | 12.47 | 25.0 | 20.8 | 83.20% |
| Kelligrews (KEL) | KEL-T1 | 66 | 12.47 | 25.0 | 24.4 | 97.60% |
| Kenmount (KEN) | KEN-T1 | 66 | 24.94 | 25.0 | 16.4 | 65.60% |
| Kenmount (KEN) | KEN-T2 | 66 | 24.94 | 50.0 | 34.8 | 69.60% |
| Mobile (MOB) | MOB-T2 | 66 | 12.47 | 16.7 | 11.9 | 71.26% |
| Molloy's Lane (MOL) | MOL-T1 | 66 | 12.47 | 25.0 | 24.0 | 96.00% |
| Molloy's Lane (MOL) | MOL-T2 | 66 | 12.47 | 25.0 | 22.7 | 90.80% |
| Memorial (MUN) | MUN-T1 | 66 | 12.47 | 14.8 | 6.8 | 45.95% |
| Memorial (MUN) | MUN-T2 | 66 | 12.47 | 20.0 | 10.8 | 54.00% |
| Oxen Pond (OXP) | OXP-T1 | 66 | 12.47 | 13.3 | 9.9 | 74.44% |
| Pepperrell (PEP) | PEP-T1 | 66 | 12.47 | 25.0 | 15.45 | 61.80% |
| Pepperrell (PEP) | PEP-T2 | 66 | 12.47 | 25.0 | 15.45 | 61.80% |

**Table 1:
Distribution Power Transformer Listing
St. John's Region**

| Substation | Transformer | Primary Voltage (kV) | Secondary Voltage (kV) | Transformer Rating (MVA) | Forecast 2024-2025 Peak Load (MVA) | Rating (%) |
|-----------------------|--------------------|-----------------------------|-------------------------------|---------------------------------|---|-------------------|
| Petty Harbour (PHR) | PHR-T3 | 33 | 4.60 | 3.0 | 2.8 | 93.33% |
| Pulpit Rock (PUL) | PUL-T1 | 66 | 12.47 | 25.0 | 18.9 | 75.60% |
| Pulpit Rock (PUL) | PUL-T2 | 66 | 12.47 | 25.0 | 19.0 | 76.00% |
| Ridge Road (RRD) | RRD-T2 | 66 | 12.47 | 20.0 | 16.9 | 84.50% |
| Ridge Road (RRD) | RRD-T3 | 66 | 12.47 | 20.0 | 19.1 | 95.50% |
| Seal Cove (SCV) | SCV-T2 | 66 | 12.47 | 11.2 | 10.5 | 93.75% |
| St. John's Main (SJM) | SJM-T1 | 66 | 12.47 | 25.0 | 16.2 | 64.80% |
| St. John's Main (SJM) | SJM-T2 | 66 | 12.47 | 25.0 | 17.4 | 69.60% |
| St. John's Main (SJM) | SJM-T3 | 66 | 12.47 | 25.0 | 12.7 | 50.80% |
| Stamp's Lane (SLA) | SLA-T1 | 66 | 4.16 | 13.3 | 7.9 | 59.40% |
| Stamp's Lane (SLA) | SLA-T3 | 66 | 12.47 | 25.0 | 15.2 | 60.80% |
| Stamp's Lane (SLA) | SLA-T4 | 66 | 12.47 | 25.0 | 22.9 | 91.60% |
| Virginia Waters (VIR) | VIR-T1 | 66 | 12.47 | 25.0 | 20.8 | 83.20% |
| Virginia Waters (VIR) | VIR-T2 | 66 | 12.47 | 25.0 | 23.3 | 93.20% |
| Virginia Waters (VIR) | VIR-T3 | 66 | 12.47 | 25.0 | 19.5 | 78.00% |

**Table 2:
Distribution Power Transformer Listing
Eastern Region**

| Substation | Transformer | Primary Voltage (kV) | Secondary Voltage (kV) | Transformer Rating (MVA) | Forecast 2024-2025 Peak Load (MVA) | Rating (%) |
|--------------------------|--------------------|-----------------------------|-------------------------------|---------------------------------|---|-------------------|
| Blaketown (BLK) | BLK-T2 | 138 | 24.94 | 20.0 | 12.0 | 60.00% |
| Bay Roberts (BRB) | BRB-T1 | 138 | 12.47 | 20.0 | 11.4 | 57.00% |
| Bay Roberts (BRB) | BRB-T4 | 138 | 12.47 | 25.0 | 13.3 | 53.20% |
| Carbonear (CAR) | CAR-T1 | 66 | 12.47 | 25.0 | 17.8 | 71.20% |
| Clarke's Pond (CLK) | CLK-T1 | 66 | 12.47 | 10.0 | 5.7 | 57.00% |
| Clarke's Pond (CLK) | CLK-T2 | 66 | 12.47 | 10.0 | 5.8 | 58.00% |
| Colliers (COL) | COL-T1 | 138 | 12.47 | 16.7 | 6.8 | 40.72% |
| Dunville (DUN) | DUN-T1 | 66 | 24.94 | 16.7 | 8.5 | 50.90% |
| Heart's Content (HCT) | HCT-T3 | 66 | 12.47 | 2.2 | 1.5 | 68.18% |
| Harbour Grace (HGR) | HGR-T1 | 66 | 12.47 | 25.0 | 9.3 | 37.20% |
| Holyrood (HOL) | HOL-T1 | 138 | 12.47 | 20.0 | 12.7 | 63.50% |
| Upper Island Cove (ILC) | ILC-T1 | 66 | 12.47 | 13.3 | 9.9 | 74.44% |
| Islington (ISL) | ISL-T1 | 66 | 13.8 | 4.0 | 3.5 | 87.50% |
| New Chelsea (NCH) | NCH-T1 | 66 | 12.47 | 6.7 | 2.9 | 43.28% |
| New Harbour (NHR) | NHR-T1 | 66 | 12.47 | 13.3 | 6.1 | 45.86% |
| Old Perlican (OPL) | OPL-T1 | 66 | 12.47 | 14.9 | 7.5 | 50.34% |
| Placentia Junction (PJN) | PJN-T1 | 66 | 7.20 | 0.3 | 0.2 | 66.67% |
| Quartz (QTZ) | QTZ-T1 | 66 | 4.16 | 0.7 | 0.1 | 14.29% |
| Riverhead (RVH) | RVH-T1 | 66 | 12.47 | 8.0 | 2.6 | 32.50% |
| St. Catherines (SCT) | SCT-T1 | 66 | 24.94 | 5.0 | 2.5 | 50.00% |
| St. Catherines (SCT) | SCT-T2 | 25 | 12.47 | 4.0 | 0.8 | 20.00% |
| Springfield (SPF) | SPF-T1 | 138 | 12.47 | 20.0 | 12.3 | 61.50% |
| Trepassey (TRP) | TRP-T1 | 66 | 12.47 | 14.9 | 2.6 | 17.45% |
| Victoria (VIC) | VIC-T1 | 66 | 12.47 | 13.3 | 9.0 | 67.67% |
| Western Avalon (WAV) | WAV-T6 | 66 | 12.47 | 13.3 | 7.0 | 52.63% |
| Bonavista (BVA) | BVA-T1 | 138 | 12.47 | 25.0 | 13.2 | 52.80% |
| Catalina (CAT) | CAT-T2 | 138 | 12.47 | 20.0 | 5.3 | 26.50% |
| Clarenville (CLV) | CLV-T2 | 138 | 12.47 | 20.0 | 10.9 | 54.50% |

Table 2:
Distribution Power Transformer Listing
Eastern Region

| Substation | Transformer | Primary Voltage (kV) | Secondary Voltage (kV) | Transformer Rating (MVA) | Forecast 2024-2025 Peak Load (MVA) | Rating (%) |
|-----------------------|--------------------|-----------------------------|-------------------------------|---------------------------------|---|-------------------|
| Clarenville (CLV) | CLV-T3 | 138 | 12.47 | 25.0 | 11.0 | 44.00% |
| Lethbridge (LET) | LET-T1 | 66 | 24.94 | 16.7 | 7.7 | 46.11% |
| Lockston (LOK) | LOK-T3 | 66 | 12.47 | 4.0 | 3.0 | 75.00% |
| Milton (MIL) | MIL-T1 | 66 | 24.94 | 16.7 | 3.1 | 18.56% |
| Northwest Brook (NWB) | NWB-T1 | 138 | 24.94 | 11.2 | 5.4 | 48.21% |
| Port Blandford (PBD) | PBD-T1 | 138 | 24.94 | 16.7 | 2.1 | 12.57% |
| Summerville (SMV) | SMV-T1 | 66 | 24.94 | 4.0 | 3.0 | 75.00% |
| Sunnyside (SUN) | SUN-T5 | 138 | 24.94 | 25.0 | 8.3 | 33.20% |
| Bay L'Argent (BLA) | BLA-T1 | 138 | 24.94 | 6.7 | 5.9 | 88.06% |
| Garnish (GAR) | GAR-T1 | 66 | 12.47 | 3.7 | 2.0 | 54.05% |
| Grand Beach (GBE) | GBE-T1 | 66 | 7.20 | 0.3 | 0.2 | 66.67% |
| Greenhill (GRH) | GRH-T2 | 66 | 12.47 | 20.0 | 13.8 | 69.00% |
| Laurentian (LAU) | LAU-T1 | 66 | 12.47 | 10.0 | 6.5 | 65.00% |
| Linton Lake (LLK) | LLK-T1 | 138 | 12.47 | 20.0 | 5.1 | 25.50% |
| Marystown (MSY) | MSY-T1 | 138 | 12.47 | 20.0 | 17.0 | 85.00% |
| Salt Pond (SPO) | SPO-T1 | 66 | 12.47 | 15.0 | 10.5 | 70.00% |
| Webbers Cove (WBC) | WBC-T1 | 66 | 24.94 | 8.3 | 3.5 | 42.17% |

**Table 3:
Distribution Power Transformer Listing
Western Region**

| Substation | Transformer | Primary Voltage (kV) | Secondary Voltage (kV) | Transformer Rating (MVA) | Forecast 2024-2025 Peak Load (MVA) | Rating (%) |
|---------------------------|--------------------|-----------------------------|-------------------------------|---------------------------------|---|-------------------|
| Cobb's Pond (COB) | COB-T1 | 138 | 12.47 | 20.0 | 14.1 | 70.50% |
| Cobb's Pond (COB) | COB-T3 | 138 | 12.47 | 25.0 | 15.6 | 62.40% |
| Gambo (GAM) | GAM-T1 | 138 | 24.94 | 6.7 | 5.2 | 77.61% |
| Gander (GAN) | GAN-T1 | 138 | 12.47 | 20.0 | 15.6 | 78.00% |
| Gander Bay (GBY) | GBY-T1 | 66 | 24.94 | 13.3 | 9.4 | 70.68% |
| Glenwood (GLN) | GLN-T1 | 138 | 24.94 | 8.3 | 3.1 | 37.35% |
| Glovertown (GLV) | GLV-T1 | 138 | 24.94 | 20.0 | 11.8 | 59.00% |
| Greenspond (GPD) | GPD-T1 | 66 | 12.47 | 2.8 | 0.9 | 32.14% |
| Hare Bay (HBS) | HBS-T1 | 66 | 24.94 | 5.0 | 3.4 | 68.00% |
| Jonathan's Pond (JON) | JON-T1 | 66 | 7.2 | 0.3 | 0.1 | 33.33% |
| Terra Nova (TNS) | TNS-T1 | 138 | 14.40 | 1.0 | 0.6 | 60.00% |
| Trinity (TRN) | TRN-T1 | 66 | 24.94 | 5.0 | 3.3 | 66.00% |
| Wesleyville (WES) | WES-T1 | 66 | 12.47 | 13.3 | 10.0 | 75.19% |
| Bishop's Falls (BFS) | BFS-T1 | 138 | 24.94 | 20.0 | 8.7 | 43.50% |
| Botwood (BOT) | BOT-T1 | 138 | 24.94 | 20.0 | 14.4 | 72.00% |
| Buchans (BUC) | BUC-X2 | 66 | 12.47 | 8.3 | 2.9 | 34.94% |
| Baie Verte Junction (BVJ) | BVJ-T1 | 138 | 24.94 | 2.7 | 0.2 | 7.41% |
| Grand Falls (GFS) | GFS-T2 | 138 | 24.94 | 20.0 | 12.9 | 64.50% |
| Grand Falls (GFS) | GFS-T3 | 138 | 24.94 | 50.0 | 29.3 | 58.60% |
| Grand Falls (GFS) | GFS-T5 | 66 | 4.16 | 8.4 | 7.6 | 90.48% |
| Lewisporte (LEW) | LEW-T1 | 138 | 24.94 | 25.0 | 20.0 | 80.00% |
| Rattling Brook (RBK) | RBK-T2 | 66 | 12.47 | 5.0 | 3.0 | 60.00% |
| Seal Cove Road (SCR) | SCR-T1 | 138 | 24.94 | 8.3 | 6.3 | 75.90% |
| Springdale (SPR) | SPR-T1 | 138 | 24.94 | 16.7 | 11.7 | 70.06% |
| Summerford (SUM) | SUM-T1 | 66 | 24.94 | 10.0 | 7.4 | 74.00% |
| Twillingate (TWG) | TWG-T1 | 66 | 12.47 | 13.3 | 9.8 | 73.68% |
| Bayview (BVS) | BVS-T1 | 66 | 12.47 | 20.0 | 14.1 | 70.50% |
| Bayview (BVS) | BVS-T2 | 66 | 12.47 | 15.0 | 8.9 | 59.33% |

Table 3:
Distribution Power Transformer Listing
Western Region

| Substation | Transformer | Primary Voltage (kV) | Secondary Voltage (kV) | Transformer Rating (MVA) | Forecast 2024-2025 Peak Load (MVA) | Rating (%) |
|-----------------------------|--------------------|-----------------------------|-------------------------------|---------------------------------|---|-------------------|
| Deer Lake (DLK) | DLK-T1 | 66 | 12.47 | 25.0 | 21.5 | 86.00% |
| Frenchman's Cove (FRN) | FRN-T1 | 66 | 12.47 | 6.7 | 5.2 | 77.61% |
| Gillams (GIL) | GIL-T1 | 66 | 12.47 | 6.7 | 6.4 | 95.52% |
| Howley (HOW) | HOW-X2 | 138 | 4.16 Tert. | 4.0 | 0.8 | 20.00% |
| Howley (HOW) | HOW-T3 | 25 | 4.16 | 1.0 | 0.2 | 20.00% |
| Humber (HUM) | HUM-T3 | 66 | 12.47 | 25.0 | 19.1 | 76.40% |
| Marble Mountain (MMT) | MMT-T1 | 66 | 12.47 | 6.7 | 6.0 | 89.55% |
| Pasadena (PAS) | PAS-T1 | 66 | 12.47 | 13.3 | 12.3 | 92.48% |
| Walbournes (WAL) | WAL-T1 | 66 | 12.47 | 20.0 | 16.4 | 82.00% |
| Walbournes (WAL) | WAL-T2 | 66 | 12.47 | 25.0 | 22.4 | 89.60% |
| Abraham's Cove (ABC) | ABC-T1 | 66 | 12.47 | 13.3 | 5.8 | 43.61% |
| Berry Head (BHD) | BHD-T1 | 66 | 12.47 | 7.5 | 3.5 | 46.67% |
| Doyles (DOY) | DOY-T2 | 66 | 24.94 | 6.7 | 4.4 | 65.67% |
| Gallant Street (GAL) | GAL-T1 | 66 | 12.47 | 13.3 | 9.6 | 72.18% |
| Gallant Street (GAL) | GAL-T2 | 66 | 12.47 | 13.3 | 9.5 | 71.43% |
| Grand Bay (GBS) | GBS-T1 | 66 | 12.47 | 14.9 | 8.7 | 58.39% |
| Harmon (HAR) | HAR-T1 | 66 | 12.47 | 14.9 | 10.0 | 67.11% |
| Long Lake (LGL) | LGL-T1 | 66 | 24.94 | 14.9 | 7.4 | 49.66% |
| Port Aux Basques (PAB) | PAB-T5 | 66 | 12.47 | 13.3 | 8.6 | 64.66% |
| Robinsons (ROB) | ROB-T1 | 66 | 24.94 | 6.7 | 3.6 | 53.73% |
| St. Georges (STG) | STG-T1 | 66 | 12.47 | 6.7 | 2.9 | 43.28% |
| Stephenville Crossing (STX) | STX-T1 | 66 | 12.47 | 6.7 | 4.6 | 68.66% |

Distribution Feeder Listing

Table 1:
Distribution Feeder Listing
St. John's Region

| Feeder Designation | Operating Voltage (kV) | Feeder Capacity Rating (MVA) | | 2024 - 2025 Forecasted Winter Peak (MVA) | Feeder Loading vs. Planning Capacity (%) |
|--------------------|------------------------|------------------------------|--------|--|--|
| | | Planning | Winter | | |
| BCV-01 | 12.47 | 7.7 | 10.2 | 3.8 | 49.35% |
| BCV-02 | 12.47 | 12.7 | 17.0 | 7.3 | 57.48% |
| BCV-03 | 12.47 | 12.7 | 17.0 | 8.5 | 66.93% |
| BCV-04 | 12.47 | 7.7 | 10.2 | 6.0 | 77.92% |
| BIG-01 | 12.47 | 7.7 | 10.2 | 2.7 | 35.06% |
| BIG-02 | 12.47 | 7.7 | 10.2 | 7.0 | 90.91% |
| CAB-01 | 12.47 | 7.7 | 10.2 | 4.1 | 53.25% |
| CHA-01 | 24.94 | 25.5 | 34.0 | 12.1 | 47.45% |
| CHA-02 | 24.94 | 25.5 | 34.0 | 12.1 | 47.45% |
| CHA-03 | 24.94 | 25.5 | 34.0 | 12.3 | 48.24% |
| CHA-04 | 24.94 | 25.5 | 34.0 | 13.8 | 54.12% |
| FER-01 | 12.47 | 12.7 | 17.0 | 2.4 | 18.90% |
| GDL-01 | 12.47 | 12.7 | 14.8 | 4.9 | 38.58% |
| GDL-02 | 12.47 | 12.7 | 17.0 | 8.1 | 63.78% |
| GDL-03 | 12.47 | 7.6 | 7.6 | 3.3 | 43.42% |
| GDL-04 | 12.47 | 12.7 | 17.0 | 6.4 | 50.39% |
| GDL-05 | 12.47 | 12.7 | 17.0 | 8.1 | 63.78% |
| GDL-06 | 12.47 | 12.7 | 13.6 | 6.9 | 54.33% |
| GDL-07 | 12.47 | 12.7 | 17.0 | 11.3 | 88.98% |
| GDL-08 | 12.47 | 12.7 | 17.0 | 9.3 | 73.23% |
| GOU-01 | 12.47 | 12.7 | 17.0 | 8.5 | 66.93% |
| GOU-02 | 12.47 | 12.7 | 17.0 | 5.7 | 44.88% |
| GOU-03 | 12.47 | 12.7 | 17.0 | 9.1 | 71.65% |
| HOL-02 | 12.47 | 7.7 | 10.2 | 4.1 | 53.25% |
| HWD-01 | 12.47 | 12.7 | 17.0 | 9.4 | 74.02% |
| HWD-02 | 12.47 | 12.7 | 17.0 | 6.5 | 51.18% |
| HWD-03 | 12.47 | 12.7 | 17.0 | 4.5 | 35.43% |
| HWD-04 | 12.47 | 12.7 | 17.0 | 8.4 | 66.14% |
| HWD-06 | 12.47 | 12.7 | 17.0 | 10.0 | 78.74% |

**Table 1:
Distribution Feeder Listing
St. John's Region**

| Feeder Designation | Operating Voltage (kV) | Feeder Capacity Rating (MVA) | | 2024 - 2025 Forecasted Winter Peak (MVA) | Feeder Loading vs. Planning Capacity (%) |
|--------------------|------------------------|------------------------------|--------|--|--|
| | | Planning | Winter | | |
| HWD-07 | 24.94 | 17.9 | 23.8 | 15.4 | 86.03% |
| HWD-08 | 24.94 | 25.5 | 34.0 | 17.8 | 69.80% |
| HWD-09 | 24.94 | 25.5 | 34.0 | 13.8 | 54.12% |
| KBR-09 | 12.47 | 7.6 | 7.6 | 6.6 | 86.84% |
| KBR-10 | 12.47 | 10.0 | 10.0 | 8.1 | 81.00% |
| KBR-11 | 12.47 | 10.0 | 10.0 | 6.3 | 63.00% |
| KBR-12 | 12.47 | 7.6 | 7.6 | 7.5 | 98.68% |
| KBR-13 | 12.47 | 10.0 | 10.0 | 6.3 | 63.00% |
| KBR-15 | 12.47 | 10.0 | 10.0 | 8.2 | 82.00% |
| KEL-01 | 12.47 | 12.7 | 17.0 | 7.6 | 59.84% |
| KEL-02 | 12.47 | 12.7 | 17.0 | 7.2 | 56.69% |
| KEL-03 | 12.47 | 12.7 | 17.0 | 9.9 | 77.95% |
| KEN-01 | 24.94 | 25.5 | 34.0 | 10.6 | 41.57% |
| KEN-02 | 24.94 | 25.5 | 34.0 | 13.3 | 52.16% |
| KEN-03 | 24.94 | 25.5 | 34.0 | 12.4 | 48.63% |
| KEN-04 | 24.94 | 25.5 | 34.0 | 7.6 | 29.80% |
| KEN-05 | 24.94 | 25.5 | 34.0 | 8.7 | 34.12% |
| MOB-01 | 12.47 | 12.7 | 17.0 | 8.7 | 68.50% |
| MOB-02 | 12.47 | 3.3 | 4.4 | 3.0 | 90.91% |
| MOL-01 | 12.47 | 12.7 | 17.0 | 3.6 | 28.35% |
| MOL-02 | 12.47 | 12.7 | 17.0 | 6.6 | 51.97% |
| MOL-03 | 12.47 | 12.7 | 17.0 | 0.6 | 4.72% |
| MOL-04 | 12.47 | 8.8 | 8.8 | 6.9 | 78.41% |
| MOL-05 | 12.47 | 12.7 | 17.0 | 9.0 | 70.87% |
| MOL-06 | 12.47 | 10.2 | 10.2 | 8.6 | 84.31% |
| MOL-08 | 12.47 | 8.2 | 8.2 | 6.8 | 82.93% |
| MOL-09 | 12.47 | 12.7 | 17.0 | 7.9 | 62.20% |
| OXP-01 | 12.47 | 12.7 | 17.0 | 9.9 | 77.95% |
| PEP-01 | 12.47 | 10.0 | 10.0 | 7.6 | 76.00% |

**Table 1:
Distribution Feeder Listing
St. John's Region**

| Feeder Designation | Operating Voltage (kV) | Feeder Capacity Rating (MVA) | | 2024 - 2025 Forecasted Winter Peak (MVA) | Feeder Loading vs. Planning Capacity (%) |
|--------------------|------------------------|------------------------------|--------|--|--|
| | | Planning | Winter | | |
| PEP-02 | 12.47 | 7.6 | 7.6 | 7.5 | 98.68% |
| PEP-03 | 12.47 | 7.6 | 7.6 | 4.8 | 63.16% |
| PEP-04 | 12.47 | 10.0 | 10.0 | 4.7 | 47.00% |
| PEP-05 | 12.47 | 10.0 | 10.0 | 7.6 | 76.00% |
| PHR-01 | 4.16 | 4.2 | 5.6 | 2.8 | 66.67% |
| PUL-01 | 12.47 | 12.7 | 17.0 | 7.5 | 59.06% |
| PUL-02 | 12.47 | 12.7 | 17.0 | 9.8 | 77.17% |
| PUL-03 | 12.47 | 12.7 | 17.0 | 6.0 | 47.24% |
| PUL-04 | 12.47 | 12.7 | 17.0 | 8.5 | 66.93% |
| PUL-05 | 12.47 | 12.7 | 17.0 | 6.3 | 49.61% |
| RRD-02 | 12.47 | 7.1 | 11.2 | 2.1 | 29.58% |
| RRD-03 | 12.47 | 4.9 | 7.6 | 3.3 | 67.35% |
| RRD-04 | 12.47 | 7.1 | 11.2 | 3.0 | 42.25% |
| RRD-05 | 12.47 | 7.6 | 11.2 | 4.5 | 59.21% |
| RRD-07 | 12.47 | 7.1 | 11.2 | 3.6 | 50.70% |
| RRD-08 | 12.47 | 7.6 | 11.2 | 4.2 | 55.26% |
| RRD-09 | 12.47 | 13.6 | 15.6 | 9.4 | 69.12% |
| RRD-10 | 12.47 | 7.6 | 11.2 | 7.1 | 93.42% |
| SCV-01 | 12.47 | 12.7 | 17.0 | 7.9 | 62.20% |
| SCV-02 | 12.47 | 7.7 | 10.2 | 2.5 | 32.47% |
| SJM-02 | 12.47 | 5.7 | 5.7 | 3.1 | 54.39% |
| SJM-03 | 12.47 | 5.7 | 5.7 | 4.5 | 78.95% |
| SJM-04 | 12.47 | 5.7 | 5.7 | 4.5 | 78.95% |
| SJM-06 | 12.47 | 11.6 | 12.2 | 5.7 | 49.14% |
| SJM-07 | 12.47 | 5.7 | 5.7 | 3.4 | 59.65% |
| SJM-08 | 12.47 | 5.7 | 5.7 | 4.0 | 70.18% |
| SJM-09 | 12.47 | 5.7 | 5.7 | 4.0 | 70.18% |
| SJM-10 | 12.47 | 9.9 | 12.6 | 4.7 | 47.47% |
| SJM-11 | 12.47 | 10.2 | 10.2 | 6.7 | 65.69% |

Table 1:
Distribution Feeder Listing
St. John's Region

| Feeder Designation | Operating Voltage (kV) | Feeder Capacity Rating (MVA) | | 2024 - 2025 Forecasted Winter Peak (MVA) | Feeder Loading vs. Planning Capacity (%) |
|--------------------|------------------------|------------------------------|--------|--|--|
| | | Planning | Winter | | |
| SJM-13 | 12.47 | 11.6 | 12.2 | 6.2 | 53.45% |
| SJM-14 | 12.47 | 5.7 | 5.7 | 4.3 | 75.44% |
| SLA-02 | 4.16 | 4.8 | 4.8 | 1.5 | 31.25% |
| SLA-03 | 4.16 | 3.1 | 3.1 | 1.9 | 61.29% |
| SLA-05 | 4.16 | 3.1 | 3.1 | 1.6 | 51.61% |
| SLA-06 | 4.16 | 4.2 | 4.2 | 2.3 | 54.76% |
| SLA-07 | 4.16 | 3.1 | 3.1 | 2.4 | 77.42% |
| SLA-08 | 12.47 | 7.6 | 7.6 | 6.5 | 85.53% |
| SLA-09 | 12.47 | 10.2 | 10.2 | 5.4 | 52.94% |
| SLA-10 | 12.47 | 12.7 | 17.0 | 9.1 | 71.65% |
| SLA-11 | 12.47 | 9.2 | 9.2 | 8.3 | 90.22% |
| SLA-12 | 12.47 | 9.2 | 9.2 | 5.6 | 60.87% |
| SLA-13 | 12.47 | 12.7 | 17.0 | 11.1 | 87.40% |
| VIR-01 | 12.47 | 12.7 | 13.5 | 10.2 | 80.31% |
| VIR-02 | 12.47 | 12.7 | 13.6 | 8.9 | 70.08% |
| VIR-03 | 12.47 | 12.7 | 17.0 | 4.9 | 38.58% |
| VIR-04 | 12.47 | 12.7 | 17.0 | 7.2 | 56.69% |
| VIR-05 | 12.47 | 10.2 | 10.2 | 7.0 | 68.63% |
| VIR-06 | 12.47 | 12.7 | 13.5 | 7.6 | 59.84% |
| VIR-07 | 12.47 | 12.7 | 17.0 | 12.6 | 99.21% |
| VIR-08 | 12.47 | 12.7 | 17.0 | 7.5 | 59.06% |

| Table 2: Distribution Feeder Listing Eastern Region | | | | | |
|--|------------------------|------------------------------|--------|--|--|
| Feeder Designation | Operating Voltage (kV) | Feeder Capacity Rating (MVA) | | 2024 – 2025 Forecasted Winter Peak (MVA) | Feeder Loading vs. Planning Capacity (%) |
| | | Planning | Winter | | |
| BLK-01 | 24.94 | 15.4 | 20.5 | 7.3 | 47.40% |
| BLK-02 | 24.94 | 15.4 | 20.5 | 4.8 | 31.17% |
| BRB-01 | 12.47 | 7.7 | 10.2 | 6.0 | 77.92% |
| BRB-02 | 12.47 | 6.8 | 6.8 | 2.8 | 41.18% |
| BRB-03 | 12.47 | 7.7 | 10.2 | 5.6 | 72.73% |
| BRB-04 | 12.47 | 7.7 | 10.2 | 6.2 | 80.52% |
| BRB-05 | 12.47 | 7.7 | 10.2 | 4.0 | 51.95% |
| CAR-01 | 12.47 | 7.7 | 10.2 | 5.3 | 68.83% |
| CAR-02 | 12.47 | 6.8 | 6.8 | 5.3 | 77.94% |
| CAR-03 | 12.47 | 7.7 | 10.2 | 3.4 | 44.16% |
| CAR-04 | 12.47 | 6.8 | 6.8 | 4.1 | 60.29% |
| CLK-02 | 12.47 | 7.7 | 10.2 | 1.8 | 23.38% |
| CLK-03 | 12.47 | 7.7 | 10.2 | 5.0 | 64.94% |
| CLK-04 | 12.47 | 12.7 | 16.9 | 5.3 | 41.73% |
| COL-01 | 12.47 | 7.7 | 10.2 | 3.3 | 42.86% |
| COL-02 | 12.47 | 7.7 | 10.2 | 3.4 | 44.16% |
| DUN-01 | 24.94 | 25.5 | 34.0 | 3.6 | 14.12% |
| DUN-02 | 24.94 | 15.4 | 20.5 | 2.9 | 18.83% |
| HCT-01 | 12.47 | 7.7 | 10.2 | 1.5 | 19.48% |
| HGR-01 | 12.47 | 12.7 | 16.9 | 4.0 | 31.50% |
| HGR-02 | 12.47 | 7.7 | 10.2 | 3.4 | 44.16% |
| HGR-03 | 12.47 | 7.7 | 10.2 | 1.9 | 24.68% |
| HOL-01 | 12.47 | 7.7 | 10.2 | 5.9 | 76.62% |
| HOL-03 | 12.47 | 7.7 | 10.2 | 3.0 | 38.96% |
| ILC-01 | 12.47 | 7.7 | 10.2 | 6.5 | 84.42% |
| ILC-02 | 12.47 | 7.7 | 10.2 | 2.9 | 37.66% |
| ISL-01 | 12.47 | 7.7 | 10.2 | 3.5 | 45.45% |
| NCH-01 | 12.47 | 7.7 | 10.2 | 1.5 | 19.48% |
| NCH-02 | 12.47 | 7.7 | 10.2 | 2.5 | 32.47% |

| Table 2: Distribution Feeder Listing Eastern Region | | | | | |
|--|------------------------|------------------------------|--------|--|--|
| Feeder Designation | Operating Voltage (kV) | Feeder Capacity Rating (MVA) | | 2024 – 2025 Forecasted Winter Peak (MVA) | Feeder Loading vs. Planning Capacity (%) |
| | | Planning | Winter | | |
| NHR-01 | 12.47 | 7.7 | 10.2 | 4.3 | 55.84% |
| NHR-02 | 12.47 | 4.9 | 6.5 | 2.0 | 40.82% |
| OPL-01 | 12.47 | 12.7 | 16.9 | 2.3 | 18.11% |
| OPL-02 | 12.47 | 7.7 | 10.2 | 2.6 | 33.77% |
| OPL-03 | 12.47 | 7.7 | 10.2 | 4.3 | 55.84% |
| PJN-01 | 7.20 | 2.8 | 3.8 | 0.2 | 7.14% |
| QTZ-01 | 12.47 | 3.6 | 4.8 | 0.1 | 2.78% |
| RVH-01 | 12.47 | 7.7 | 10.2 | 2.7 | 35.06% |
| RVH-02 | 12.47 | 7.7 | 10.2 | 0.5 | 6.49% |
| SCT-01 | 24.94 | 15.4 | 20.5 | 1.7 | 11.04% |
| SCT-02 | 12.47 | 7.7 | 10.2 | 0.8 | 10.39% |
| SPF-01 | 12.47 | 7.7 | 10.2 | 6.0 | 77.92% |
| SPF-02 | 12.47 | 7.7 | 10.2 | 5.4 | 70.13% |
| SPF-03 | 12.47 | 7.7 | 10.2 | 1.4 | 18.18% |
| TRP-01 | 12.47 | 8.9 | 11.9 | 2.6 | 29.21% |
| VIC-01 | 12.47 | 7.7 | 10.2 | 3.7 | 48.05% |
| VIC-02 | 12.47 | 7.7 | 10.2 | 5.4 | 70.13% |
| WAV-01 | 12.47 | 7.7 | 10.2 | 5.2 | 67.53% |
| WAV-02 | 12.47 | 3.6 | 4.8 | 1.2 | 33.33% |
| WAV-03 | 12.47 | 7.7 | 10.2 | 2.7 | 35.06% |
| BVA-01 | 12.47 | 7.7 | 10.2 | 5.1 | 66.23% |
| BVA-02 | 12.47 | 7.7 | 10.2 | 5.6 | 72.73% |
| BVA-03 | 12.47 | 7.7 | 10.2 | 4.1 | 53.25% |
| CAT-01 | 12.47 | 7.7 | 10.2 | 2.4 | 31.17% |
| CAT-02 | 12.47 | 4.9 | 6.5 | 2.5 | 51.02% |
| CAT-03 | 12.47 | 7.7 | 10.2 | 1.5 | 19.48% |
| CLV-01 | 12.47 | 7.7 | 10.2 | 6.0 | 77.92% |
| CLV-02 | 12.47 | 7.7 | 10.2 | 5.8 | 75.32% |
| CLV-03 | 12.47 | 12.7 | 16.9 | 10.2 | 80.31% |

**Table 2:
Distribution Feeder Listing
Eastern Region**

| Feeder Designation | Operating Voltage (kV) | Feeder Capacity Rating (MVA) | | 2024 – 2025 Forecasted Winter Peak (MVA) | Feeder Loading vs. Planning Capacity (%) |
|--------------------|------------------------|------------------------------|--------|--|--|
| | | Planning | Winter | | |
| LET-01 | 25.00 | 15.4 | 20.5 | 7.4 | 48.05% |
| LOK-01 | 12.47 | 4.9 | 6.5 | 2.9 | 59.18% |
| MIL-01 | 25.00 | 15.4 | 20.5 | 5.7 | 37.01% |
| MIL-02 | 25.00 | 15.4 | 20.5 | 5.1 | 33.12% |
| NWB-01 | 25.00 | 7.3 | 9.7 | 2.0 | 27.40% |
| NWB-02 | 25.00 | 7.3 | 9.7 | 3.4 | 46.58% |
| PBD-01 | 25.00 | 15.4 | 20.5 | 2.2 | 14.29% |
| SMV-01 | 25.00 | 15.4 | 20.5 | 2.6 | 16.88% |
| SUN-01 | 25.00 | 25.5 | 34.0 | 6.8 | 26.67% |
| SUN-03 | 25.00 | 7.3 | 9.7 | 4.1 | 56.16% |
| BLA-01 | 24.94 | 9.9 | 13.1 | 5.9 | 59.60% |
| GAR-01 | 12.47 | 7.7 | 10.2 | 2.0 | 25.97% |
| GBE-01 | 7.20 | 2.1 | 2.8 | 0.2 | 9.52% |
| GRH-01 | 12.47 | 7.7 | 10.2 | 4.9 | 63.64% |
| GRH-02 | 12.47 | 7.7 | 10.2 | 5.7 | 74.03% |
| GRH-03 | 12.47 | 7.7 | 10.2 | 4.0 | 51.95% |
| LAU-01 | 12.47 | 7.7 | 10.2 | 4.2 | 54.55% |
| LAU-02 | 12.47 | 12.7 | 17.0 | 4.8 | 37.80% |
| LLK-02 | 12.47 | 8.9 | 11.9 | 3.2 | 35.96% |
| LLK-03 | 12.47 | 12.7 | 16.9 | 2.4 | 18.90% |
| MKS-01 | 24.94 | 9.9 | 13.1 | 2.0 | 20.20% |
| MSY-01 | 12.47 | 7.7 | 10.2 | 3.8 | 49.35% |
| MSY-02 | 12.47 | 7.7 | 10.2 | 6.0 | 77.92% |
| MSY-03 | 12.47 | 7.7 | 10.2 | 5.3 | 68.83% |
| MSY-04 | 12.47 | 7.7 | 10.2 | 2.2 | 28.57% |
| SPO-01 | 12.47 | 4.9 | 6.5 | 3.4 | 69.39% |
| SPO-02 | 12.47 | 7.7 | 10.2 | 5.1 | 66.23% |
| SPO-03 | 12.47 | 7.7 | 10.2 | 2.0 | 25.97% |
| WBC-01 | 24.94 | 15.4 | 20.5 | 4.6 | 29.87% |

| Table 3: Distribution Feeder Listing Western Region | | | | | |
|--|-------------------------------|-------------------------------------|---------------|---|---|
| Feeder Designation | Operating Voltage (kV) | Feeder Capacity Rating (MVA) | | 2024 – 2025 Forecasted Winter Peak (MVA) | Feeder Loading vs. Planning Capacity (%) |
| | | Planning | Winter | | |
| COB-01 | 12.47 | 12.7 | 17.0 | 8.9 | 70.08% |
| COB-02 | 12.47 | 12.7 | 17.0 | 4.9 | 38.58% |
| COB-03 | 12.47 | 12.7 | 17.0 | 8.2 | 64.57% |
| COB-04 | 12.47 | 12.7 | 17.0 | 7.4 | 58.27% |
| GAM-01 | 25.00 | 15.4 | 20.5 | 5.2 | 33.77% |
| GAM-02 | 25.00 | 7.3 | 10.0 | 0.3 | 4.11% |
| GAN-01 | 12.47 | 12.7 | 17.0 | 3.0 | 23.62% |
| GAN-02 | 12.47 | 12.7 | 17.0 | 5.4 | 42.52% |
| GAN-03 | 12.47 | 12.7 | 17.0 | 4.2 | 33.07% |
| GAN-04 | 12.47 | 12.7 | 17.0 | 3.6 | 28.35% |
| GBY-01 | 25.00 | 11.5 | 15.0 | 3.9 | 33.91% |
| GBY-02 | 25.00 | 7.3 | 10.0 | 3.0 | 41.10% |
| GBY-03 | 25.00 | 15.4 | 21.0 | 3.1 | 20.13% |
| GLN-01 | 25.00 | 9.9 | 13.0 | 3.1 | 31.31% |
| GLV-01 | 25.00 | 15.4 | 21.0 | 6.4 | 41.56% |
| GLV-02 | 25.00 | 15.4 | 21.0 | 5.2 | 33.77% |
| GPD-01 | 12.47 | 4.9 | 7.0 | 0.9 | 18.37% |
| HBS-02 | 25.00 | 7.3 | 10.0 | 3.4 | 46.58% |
| JON-01 | 7.20 | 2.8 | 4.0 | 0.1 | 3.57% |
| TNS-01 | 25.00 | 7.3 | 10.0 | 0.6 | 8.22% |
| TRN-01 | 25.00 | 9.9 | 13.0 | 0.8 | 8.08% |
| TRN-02 | 25.00 | 7.3 | 10.0 | 2.5 | 34.25% |
| WES-01 | 12.47 | 7.7 | 10.0 | 2.6 | 33.77% |
| WES-02 | 12.47 | 7.7 | 10.0 | 3.7 | 48.05% |
| WES-03 | 12.47 | 7.7 | 10.0 | 3.7 | 48.05% |
| BFS-01 | 25.00 | 15.4 | 21.0 | 4.1 | 26.62% |
| BFS-02 | 25.00 | 15.4 | 21.0 | 4.6 | 29.87% |
| BOT-01 | 25.00 | 15.4 | 21.0 | 5.4 | 35.06% |

| Table 3: Distribution Feeder Listing Western Region | | | | | |
|--|-------------------------------|-------------------------------------|---------------|---|---|
| Feeder Designation | Operating Voltage (kV) | Feeder Capacity Rating (MVA) | | 2024 – 2025 Forecasted Winter Peak (MVA) | Feeder Loading vs. Planning Capacity (%) |
| | | Planning | Winter | | |
| BOT-02 | 25.00 | 15.4 | 21.0 | 4.6 | 29.87% |
| BOT-03 | 25.00 | 15.4 | 21.0 | 4.3 | 27.92% |
| BUC-01 | 12.47 | 3.6 | 5.0 | 2.4 | 66.67% |
| BUC-02 | 12.47 | 4.9 | 7.0 | 0.6 | 12.24% |
| BVJ-01 | 25.00 | 7.3 | 10.0 | 0.2 | 2.74% |
| GFS-01 | 4.16 | 3.9 | 5.0 | 2.0 | 51.28% |
| GFS-03 | 4.16 | 3.9 | 5.0 | 2.5 | 64.10% |
| GFS-04 | 4.16 | 3.9 | 5.0 | 0.8 | 20.51% |
| GFS-05 | 4.16 | 3.9 | 5.0 | 2.6 | 66.67% |
| GFS-02 | 25.00 | 15.4 | 21.0 | 10.8 | 70.13% |
| GFS-06 | 25.00 | 15.4 | 21.0 | 9.2 | 59.74% |
| GFS-07 | 25.00 | 15.4 | 21.0 | 8.2 | 53.25% |
| GFS-08 | 25.00 | 25.5 | 34.0 | 8.5 | 33.33% |
| GFS-10 | 25.00 | 25.5 | 34.0 | 6.5 | 25.49% |
| LEW-01 | 25.00 | 15.4 | 21.0 | 6.3 | 40.91% |
| LEW-02 | 25.00 | 15.4 | 21.0 | 6.0 | 38.96% |
| LEW-03 | 25.00 | 15.4 | 21.0 | 4.9 | 31.82% |
| LEW-04 | 25.00 | 15.4 | 21.0 | 3.4 | 22.08% |
| RBK-01 | 12.47 | 7.7 | 10.0 | 3.0 | 38.96% |
| SCR-01 | 24.94 | 7.3 | 10.0 | 5.7 | 78.08% |
| SCR-02 | 24.94 | 17.9 | 24.0 | 0.8 | 4.47% |
| SPR-01 | 25.00 | 15.4 | 21.0 | 5.3 | 34.42% |
| SPR-02 | 25.00 | 15.4 | 21.0 | 4.2 | 27.27% |
| SPR-03 | 25.00 | 17.9 | 24.0 | 0.7 | 3.91% |
| SPR-04 | 25.00 | 15.4 | 21.0 | 2.3 | 14.94% |
| SUM-01 | 25.00 | 11.5 | 15.0 | 5.8 | 50.43% |
| SUM-02 | 25.00 | 11.5 | 15.0 | 1.2 | 10.43% |
| TWG-01 | 12.47 | 7.7 | 10.0 | 4.3 | 55.84% |
| TWG-02 | 12.47 | 12.7 | 17.0 | 3.9 | 30.71% |

| Table 3: Distribution Feeder Listing Western Region | | | | | |
|--|---------------------------------------|---|---------------|---|---|
| Feeder Designation | Operating Voltage (kV) | Feeder Capacity Rating (MVA) | | 2024 – 2025 Forecasted Winter Peak (MVA) | Feeder Loading vs. Planning Capacity (%) |
| | | Planning | Winter | | |
| TWG-03 | 12.47 | 7.7 | 10.0 | 1.8 | 23.38% |
| BVS-01 | 12.47 | 12.7 | 15.6 | 4.5 | 35.43% |
| BVS-02 | 12.47 | 10.0 | 12.6 | 3.1 | 31.00% |
| BVS-04 | 12.47 | 11.0 | 15.6 | 5.7 | 51.82% |
| BVS-03 | 12.47 | 10.0 | 15.6 | 4.2 | 42.00% |
| BVS-05 | 12.47 | 10.0 | 15.6 | 4.2 | 42.00% |
| DLK-01 | 12.47 | 12.7 | 17.0 | 7.3 | 57.48% |
| DLK-03 | 12.47 | 7.7 | 10.0 | 7.4 | 96.10% |
| DLK-04 | 12.47 | 12.7 | 17.0 | 7.0 | 55.12% |
| FRN-01 | 12.47 | 7.7 | 10.0 | 3.8 | 49.35% |
| FRN-02 | 12.47 | 7.7 | 10.0 | 1.7 | 22.08% |
| GIL-01 | 12.47 | 7.7 | 10.0 | 4.2 | 54.55% |
| GIL-02 | 12.47 | 12.7 | 17.0 | 2.5 | 19.69% |
| HOW-01 | 4.16 | 1.6 | 2.0 | 0.8 | 50.00% |
| HUM-08 | 12.47 | 12.7 | 17.0 | 5.6 | 44.09% |
| HUM-09 | 12.47 | 12.7 | 17.0 | 7.7 | 60.63% |
| HUM-10 | 12.47 | 12.7 | 17.0 | 4.6 | 36.22% |
| MMT-01 | 12.47 | 7.7 | 10.0 | 5.7 | 74.03% |
| PAS-01 | 12.47 | 7.7 | 10.0 | 3.4 | 44.16% |
| PAS-02 | 12.47 | 12.7 | 17.0 | 6.8 | 53.54% |
| WAL-01 | 12.47 | 12.7 | 15.6 | 5.9 | 46.46% |
| WAL-02 | 12.47 | 12.7 | 15.6 | 6.4 | 50.39% |
| WAL-05 | 12.47 | 12.7 | 15.6 | 5.2 | 40.94% |
| WAL-03 | 12.47 | 6.4 | 6.9 | 2.0 | 31.25% |
| WAL-04 | 12.47 | 12.7 | 15.6 | 8.7 | 68.50% |
| WAL-06 | 12.47 | 12.7 | 15.6 | 5.4 | 42.52% |
| WAL-07 | 12.47 | 12.7 | 15.6 | 8.5 | 66.93% |
| ABC-01 | 12.47 | 7.7 | 10.0 | 2.9 | 37.66% |
| ABC-02 | 12.47 | 7.7 | 10.0 | 3.2 | 41.56% |

| Table 3: Distribution Feeder Listing Western Region | | | | | |
|--|-------------------------------|-------------------------------------|---------------|---|---|
| Feeder Designation | Operating Voltage (kV) | Feeder Capacity Rating (MVA) | | 2024 – 2025 Forecasted Winter Peak (MVA) | Feeder Loading vs. Planning Capacity (%) |
| | | Planning | Winter | | |
| BHD-01 | 12.47 | 7.7 | 10.0 | 3.3 | 42.86% |
| DOY-01 | 25.00 | 7.3 | 10.0 | 4.4 | 60.27% |
| GAL-01 | 12.47 | 7.7 | 10.0 | 4.0 | 51.95% |
| GAL-03 | 12.47 | 7.7 | 10.0 | 4.6 | 59.74% |
| GAL-04 | 12.47 | 12.7 | 17.0 | 5.5 | 43.31% |
| GAL-05 | 12.47 | 7.7 | 10.0 | 5.1 | 66.23% |
| GBS-01 | 12.47 | 12.7 | 17.0 | 5.3 | 41.73% |
| GBS-02 | 12.47 | 12.7 | 17.0 | 3.0 | 23.62% |
| HAR-01 | 12.47 | 7.7 | 10.0 | 5.2 | 67.53% |
| HAR-02 | 12.47 | 7.7 | 10.0 | 5.3 | 68.83% |
| LGL-01 | 25.00 | 9.9 | 13.0 | 1.8 | 18.18% |
| LGL-02 | 25.00 | 9.9 | 13.0 | 3.4 | 34.34% |
| PAB-03 | 12.47 | 12.7 | 17.0 | 4.3 | 33.86% |
| PAB-05 | 12.47 | 12.7 | 17.0 | 4.3 | 33.86% |
| ROB-01 | 25.00 | 7.3 | 10.0 | 3.2 | 43.84% |
| ROB-02 | 25.00 | 7.3 | 10.0 | 0.5 | 6.85% |
| STG-01 | 12.47 | 3.3 | 4.0 | 1.0 | 30.30% |
| STG-02 | 12.47 | 3.3 | 4.0 | 2.0 | 60.61% |
| STX-01 | 12.47 | 7.7 | 10.0 | 4.6 | 59.74% |