



**UNIVERSITY OF
CALGARY**

ENEL 674 Industrial and Commercial Power Systems

Group 7

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Project Milestone 4

Data Sheets of Power System Equipments

| Sr No | Name | Brand | Type/Model | Max kV | Continuous rating | Max Interruption rating | Data Sheet Link |
|-------|--------------------------------|------------------|--------------------|-----------|-------------------|-------------------------|---------------------|
| 1 | HV Fuse | Kearney | Type X | 27 | 2.5A | 8.8kA | PDF |
| 2 | LV TR CB | Siemens | SCLD6 | 0.24 | 300A | 10kA | PDF |
| 3 | CB O/G to 1P | Cutler Hammer | CHILD | 0.24 | 225A | 10kA | PDF |
| 4 | CB for Lumped load of Panel 1P | ABB | S3B | 0.24 | 175A | 10kA | PDF |
| 5 | CB O/G to 2P | Allen Bradley | 140G-J0 | 0.24 | 50 | 10kA | PDF |
| 6 | CB166 | Siemens | BLH | 0.24 | 15 | 10kA | PDF |
| 7 | CB168 | Siemens | BLH | 0.24 | 15 | 10kA | PDF |
| 8 | CB169 | Siemens | BLH | 0.24 | 15 | 10kA | PDF |
| 9 | CB170 | Siemens | BLH | 0.24 | 15 | 10kA | PDF |
| 10 | CB173 | Siemens | HBL | 0.24 | 15 | 10kA | PDF |
| 11 | CB O/G to 3P | Federal Pioneer | CK-N | 0.24 | 225 | 10kA | PDF |
| 12 | CB43 | ABB | S3L | 0.24 | 35 | 10kA | PDF |
| 13 | CB44 | ABB | S3L | 0.24 | 50 | 10kA | PDF |
| 14 | CB45 | Siemens | HFG | 0.24 | 100 | 10kA | PDF |
| 15 | CB46 | Siemens | HFG | 0.24 | 100 | 10kA | PDF |
| 16 | CB47 | ABB | S3N | 0.24 | 15 | 10kA | PDF |
| 17 | CB48 | ABB | S3H | 0.24 | 40 | 10kA | PDF |
| 18 | Solar O/G CB | Allen Bradley | 140G-H6 | 0.24 | 160 | 10kA | PDF |
| 19 | CB O/G to U | General Electric | SEDA (40-160A) | 0.24 | 150 | 10kA | PDF |
| 20 | CB184 | Allen Bradley | 140G-H6 | 0.24 | 160 | 10kA | PDF |
| 21 | CB31 | Siemens | HFG | 0.24 | 100 | 10kA | PDF |
| 22 | CB50 | Cutler Hammer | AQB-A103 | 0.24 | 25 | 10kA | PDF |
| 23 | CB49 | Cutler Hammer | AQB-A103 | 0.24 | 25 | 10kA | PDF |
| 24 | UPS | EATON | S3M30K | 0.24 | NA | NA | PDF |
| 25 | Backup Generator | GENERAC | RD030 | 0.24 | NA | NA | PDF |
| 26 | Solar Panels | Vertex | TSM-DEG18MC.20(II) | 43.7 (DC) | NA | NA | PDF |
| 27 | Inverter | inverter | ATO-TLC30000 | 0.24 | NA | NA | PDF |