

| PANELBOARD: SUH1B11A   |                     |                |          |               |                    |                   |        |                               |          |                     |                     |     |
|------------------------|---------------------|----------------|----------|---------------|--------------------|-------------------|--------|-------------------------------|----------|---------------------|---------------------|-----|
| LOCATION: UPS S101C    |                     |                |          |               | VOLTS: 480/277 Wye |                   |        |                               |          | A.I.C. RATING: 42KA |                     |     |
| SUPPLY FROM: 42-SBP-01 |                     |                |          |               | PHASES: 3          |                   |        |                               |          | BUS RATING: 225 A   |                     |     |
| MOUNTING: SURFACE      |                     |                |          |               | WIRES: 4           |                   |        |                               |          | MAINS TYPE: MLO     |                     |     |
| ENCLOSURE: NEMA-1      |                     |                |          |               | SUB FEED LUGS: No  |                   |        |                               |          | MCB RATING: N/A     |                     |     |
| CKT                    | CIRCUIT DESCRIPTION | LOAD CLASS.    | TRIP (A) | POLES         | A (VA)             | B (VA)            | C (VA) | POLES                         | TRIP (A) | LOAD CLASS.         | CIRCUIT DESCRIPTION | CKT |
| 1                      |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 2   |
| 3                      |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 4   |
| 5                      |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 6   |
| 7                      |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 8   |
| 9                      |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 10  |
| 11                     |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 12  |
| 13                     |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 14  |
| 15                     |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 16  |
| 17                     |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 18  |
| 19                     |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 20  |
| 21                     |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 22  |
| 23                     |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 24  |
| 25                     |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 26  |
| 27                     |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 28  |
| 29                     |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 30  |
| 31                     |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 32  |
| 33                     |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 34  |
| 35                     |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 36  |
| 37                     |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 38  |
| 39                     | SUH1B21A            | PNON           | 225      | 3             | 20,500             | 19,500            | 20,000 | 18,500                        | 3        | 225                 | PNON                | 40  |
| 41                     |                     |                |          |               |                    |                   |        |                               |          |                     |                     | 42  |
| TOTAL LOAD (VA):       |                     |                |          |               | 40,000             | 39,500            | 34,500 |                               |          |                     |                     |     |
| TOTAL LOAD (A):        |                     |                |          |               | 147                | 145               | 125    |                               |          |                     |                     |     |
| LOAD CLASSIFICATION    |                     | CONNECTED LOAD |          | DEMAND FACTOR |                    | CALCULATED DEMAND |        | PANEL TOTALS                  |          |                     |                     |     |
| PNON                   |                     | 114,000 VA     |          | 100.00%       |                    | 114,000 VA        |        | CONNECTED: 114,000 VA         |          |                     |                     |     |
|                        |                     |                |          |               |                    |                   |        | CALCULATED DEMAND: 114,000 VA |          |                     |                     |     |
|                        |                     |                |          |               |                    |                   |        | CONNECTED: 137 A              |          |                     |                     |     |
|                        |                     |                |          |               |                    |                   |        | CALCULATED DEMAND: 137 A      |          |                     |                     |     |
|                        |                     |                |          |               |                    |                   |        |                               |          |                     |                     |     |
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| NOTES:                 |                     |                |          |               |                    |                   |        |                               |          |                     |                     |     |

| PANELBOARD: SUH1B31A            |                     |             |                |       |                    |        |                   |       |                              |             |                     |     |
|---------------------------------|---------------------|-------------|----------------|-------|--------------------|--------|-------------------|-------|------------------------------|-------------|---------------------|-----|
| LOCATION: ELECTRICAL/FIRE N101A |                     |             |                |       | VOLTS: 480/277 Wye |        |                   |       | A.I.C. RATING: 22KA          |             |                     |     |
| SUPPLY FROM: SUH1B11A           |                     |             |                |       | PHASES: 3          |        |                   |       | BUS RATING: 225 A            |             |                     |     |
| MOUNTING: SURFACE               |                     |             |                |       | WIRES: 4           |        |                   |       | MAINS TYPE: MLO              |             |                     |     |
| ENCLOSURE: NEMA-1               |                     |             |                |       | SUB FEED LUGS: No  |        |                   |       | MCB RATING: N/A              |             |                     |     |
| CKT                             | CIRCUIT DESCRIPTION | LOAD CLASS. | TRIP (A)       | POLES | A (VA)             | B (VA) | C (VA)            | POLES | TRIP (A)                     | LOAD CLASS. | CIRCUIT DESCRIPTION | CKT |
| 1                               |                     |             |                |       |                    |        |                   |       |                              |             |                     | 2   |
| 3                               |                     |             |                |       |                    |        |                   |       |                              |             |                     | 4   |
| 5                               |                     |             |                |       |                    |        |                   |       |                              |             |                     | 6   |
| 7                               |                     |             |                |       |                    |        |                   |       |                              |             |                     | 8   |
| 9                               |                     |             |                |       |                    |        |                   |       |                              |             |                     | 10  |
| 11                              |                     |             |                |       |                    |        |                   |       |                              |             |                     | 12  |
| 13                              |                     |             |                |       |                    |        |                   |       |                              |             |                     | 14  |
| 15                              |                     |             |                |       |                    |        |                   |       |                              |             |                     | 16  |
| 17                              |                     |             |                |       |                    |        |                   |       |                              |             |                     | 18  |
| 19                              |                     |             |                |       |                    |        |                   |       |                              |             |                     | 20  |
| 21                              |                     |             |                |       |                    |        |                   |       |                              |             |                     | 22  |
| 23                              |                     |             |                |       |                    |        |                   |       |                              |             |                     | 24  |
| 25                              |                     |             |                |       |                    |        |                   |       |                              |             |                     | 26  |
| 27                              |                     |             |                |       |                    |        |                   |       |                              |             |                     | 28  |
| 29                              |                     |             |                |       |                    |        |                   |       |                              |             |                     | 30  |
| 31                              |                     |             |                |       |                    |        |                   |       |                              |             |                     | 32  |
| 33                              | SUL1T21A            | PNON        | 125            | 3     | 5,500              | 6,500  | 4,000             |       |                              |             |                     | 34  |
| 35                              |                     |             |                |       |                    |        |                   |       |                              |             |                     | 36  |
| 37                              |                     |             |                |       | 7,500              | 6,500  | 7,500             | 6,000 | 7,500                        | 5,000       |                     | 38  |
| 39                              | SUL4T21A            | PNON        | 125            | 3     |                    |        |                   |       | 3                            | 125         | PNON                | 40  |
| 41                              |                     |             |                |       |                    |        |                   |       |                              |             |                     | 42  |
| TOTAL LOAD (VA):                |                     |             |                |       | 19,500             | 20,000 | 16,500            |       |                              |             |                     |     |
| TOTAL LOAD (A):                 |                     |             |                |       | 72                 | 74     | 60                |       |                              |             |                     |     |
| LOAD CLASSIFICATION             |                     |             | CONNECTED LOAD |       | DEMAND FACTOR      |        | CALCULATED DEMAND |       | PANEL TOTALS                 |             |                     |     |
| PNON                            |                     |             | 56,000 VA      |       | 100.00%            |        | 56,000 VA         |       | CONNECTED: 56,000 VA         |             |                     |     |
|                                 |                     |             |                |       |                    |        |                   |       | CALCULATED DEMAND: 56,000 VA |             |                     |     |
|                                 |                     |             |                |       |                    |        |                   |       | CONNECTED: 67 A              |             |                     |     |
|                                 |                     |             |                |       |                    |        |                   |       | CALCULATED DEMAND: 67 A      |             |                     |     |
|                                 |                     |             |                |       |                    |        |                   |       |                              |             |                     |     |
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| NOTES:                          |                     |             |                |       |                    |        |                   |       |                              |             |                     |     |

| SWITCHBOARD: 42-GSWB-01           |  |  |                    |  |                     |  |
|-----------------------------------|--|--|--------------------|--|---------------------|--|
| LOCATION: EMERGENCY ELECTRICAL... |  |  | VOLTS: 480/277 Wye |  | A.I.C. RATING: 22KA |  |
| SUPPLY FROM: 42-GEN-01            |  |  | PHASES: 3          |  | BUS RATING: 1,200 A |  |
| MOUNTING: FLOOR                   |  |  | WIRES: 4           |  | MAINS TYPE: MLO     |  |
| ENCLOSURE: NEMA-1                 |  |  | SUB FEED LUGS: No  |  | MCB RATING: N/A     |  |

| CKT              | CIRCUIT DESCRIPTION | TRIP RATING (A) | POLES | A (VA)  | B (VA)  | C (VA)  | NOTES |
|------------------|---------------------|-----------------|-------|---------|---------|---------|-------|
| 1                | 42-ATS-02           | 1,200           | 3     | 324,304 | 326,660 | 330,878 |       |
| 2                | 42-ATS-01           | 800             | 3     | 35,127  | 35,428  | 34,202  |       |
| 3                | TEMP GEN            | 600             | 3     | 0       | 0       | 0       |       |
| 4                | FP-1-A              | 300             | 3     | 50,000  | 50,000  | 50,000  |       |
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| 19               |                     |                 |       |         |         |         |       |
| 20               |                     |                 |       |         |         |         |       |
| TOTAL LOAD (VA): |                     |                 |       | 409,432 | 412,088 | 415,080 |       |
| TOTAL LOAD (A):  |                     |                 |       | 1,478   | 1,489   | 1,500   |       |

| LOAD CLASSIFICATION | CONNECTED LOAD | DEMAND FACTOR | CALCULATED... | SWITCHBOARD TOTALS              |
|---------------------|----------------|---------------|---------------|---------------------------------|
| LTG                 | 73,697 VA      | 125.00%       | 92,121 VA     | CONNECTED: 1,236,600 VA         |
| PNON                | 57,760 VA      | 100.00%       | 57,760 VA     | CALCULATED DEMAND: 1,168,524 VA |
| PMTR                | 616,482 VA     | 106.08%       | 653,982 VA    | CONNECTED: 1,487 A              |
| PCON                | 2,000 VA       | 125.00%       | 2,500 VA      | CALCULATED DEMAND: 1,393 A      |
| VEL                 | 480,361 VA     | 72.00%        | 345,860 VA    |                                 |
| PREC                | 6,300 VA       | 100.00%       | 6,300 VA      |                                 |
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