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| PANEL NAME          |                    | LOCATION       |               | MOUNTING |      | SUPPLIED FROM    |         | VOLTAGE           |     | BUS     |           | MAIN             |             |        |       |       |                    |   |
|---------------------|--------------------|----------------|---------------|----------|------|------------------|---------|-------------------|-----|---------|-----------|------------------|-------------|--------|-------|-------|--------------------|---|
| PNL BUSSWAY A       |                    | DATA CENTER RM |               | SURFACE  |      | UPS A RM BE-97   |         | 120/208V, 3PH, 4W |     | 250     |           | 250A, 3P, M.C.B. |             |        |       |       |                    |   |
| CKT NO              | LOAD DESCRIPTION   | VA LOAD        |               | CB       |      | BUS              |         | CB                |     | VA LOAD |           | LOAD DESCRIPTION | CKT NO      |        |       |       |                    |   |
|                     |                    | PH A           | PH B          | PH C     | CODE | P                | TR      | A                 | B   | C       | TR        | P                | CODE        | PH A   | PH B  | PH C  |                    |   |
| 1                   |                    | 13333          |               |          | E    |                  |         | X                 |     |         |           |                  | E           | 13333  |       |       | 2                  |   |
| 3                   | ROW 1 UPS BUSWAY A |                | 13333         |          | E    | 3                | 150     |                   | X   |         |           | 150              | 3           | E      |       | 13333 | ROW 2 UPS BUSWAY A | 4 |
| 5                   |                    |                |               | 13333    | E    |                  |         | X                 |     |         |           | 20               | 1           | E      |       |       | 6                  |   |
| 7                   |                    |                |               |          |      | 1                | 20      | X                 |     |         |           | 20               | 1           |        |       |       | 8                  |   |
| 9                   |                    |                |               |          |      | 1                | 20      |                   | X   |         |           | 20               | 1           |        |       |       | 10                 |   |
| 11                  |                    |                |               |          |      | 1                | 20      | X                 |     |         |           | 20               | 1           |        |       |       | 12                 |   |
| 13                  |                    |                |               |          |      | 1                | 20      |                   | X   |         |           | 20               | 1           |        |       |       | 14                 |   |
| 15                  |                    |                |               |          |      | 1                | 20      |                   | X   |         |           | 20               | 1           |        |       |       | 16                 |   |
| 17                  |                    |                |               |          |      | 1                | 20      | X                 |     |         |           | 20               | 1           |        |       |       | 18                 |   |
| LARGEST MOTOR       |                    | 0.0            |               | 1.25     |      |                  | HEATING |                   | 0.0 |         | TOTAL     |                  | KVA         |        | AMPS  |       |                    |   |
| EQUIPMENT           |                    | 80.0           |               | 1.00     |      |                  | 79.998  |                   |     |         | CONNECTED |                  | 80.0        |        | 222.1 |       |                    |   |
| HEATING             |                    | 0.0            |               | 1.00     |      |                  | 0       |                   |     |         | DEMAND    |                  | 80.0        |        | 222.1 |       |                    |   |
| TOTAL               |                    | 80.0           |               |          |      |                  |         | 80.0              |     |         |           | DESIGN           |             |        |       |       |                    |   |
| GROUND BUS          |                    |                |               |          |      | 100% NEUTRAL BUS |         |                   |     |         |           | INTEGRAL TVSS    |             |        |       |       |                    |   |
| ISOLATED GROUND BUS |                    |                |               |          |      | 200% NEUTRAL BUS |         |                   |     |         |           | ISC =            |             | 14KAIC |       |       |                    |   |
| L                   | LIGHTING           | M              | MOTORS        |          |      | E                |         | EQUIPMENT         |     |         |           | S                | SUBFED      |        |       |       |                    |   |
| R                   | RECEPTACLE         | LM             | LARGEST MOTOR |          |      | H                |         | HEATING           |     |         |           | T                | TRANSFORMER |        |       |       |                    |   |

| PANEL NAME           |                           | LOCATION        |               |        | MOUNTING     |          |                    | SUPPLIED FROM |           |               | VOLTAGE           |       |      | BUS     |      | MAIN |                  |        |
|----------------------|---------------------------|-----------------|---------------|--------|--------------|----------|--------------------|---------------|-----------|---------------|-------------------|-------|------|---------|------|------|------------------|--------|
| UPS B                |                           | UPS RM BE-97    |               |        | FLOOR        |          |                    | SWBD EQ MCR   |           |               | 120/208V, 3PH, 4W |       |      | N/A     |      | N/A  |                  |        |
| CKT NO               | LOAD DESCRIPTION          | VA LOAD         |               |        | CODE         | P        | CB                 | BUS           |           |               | CB                | P     | CODE | VA LOAD |      |      | LOAD DESCRIPTION | CKT NO |
|                      |                           | PH A            | PH B          | PH C   |              |          |                    | A             | B         | C             |                   |       |      | PH A    | PH B | PH C |                  |        |
| 1                    | UPS BUSWAY B, DATA CENTER | 26666           |               |        | E            |          |                    | X             |           |               |                   |       |      |         |      |      | 2                |        |
| 3                    |                           |                 | 26666         |        | E            | 3        | 250                |               | X         |               |                   |       |      |         |      |      | 4                |        |
| 5                    |                           |                 |               | 26666  | E            |          |                    |               | X         |               |                   |       |      |         |      |      | 6                |        |
| 7                    |                           |                 |               |        |              |          |                    |               | X         |               |                   |       |      |         |      |      | 8                |        |
| 9                    |                           |                 |               |        |              |          |                    |               |           | X             |                   |       |      |         |      |      | 10               |        |
| 11                   |                           |                 |               |        |              |          |                    |               |           | X             |                   |       |      |         |      |      | 12               |        |
| 13                   |                           |                 |               |        |              |          |                    |               |           | X             |                   |       |      |         |      |      | 14               |        |
| 15                   |                           |                 |               |        |              |          |                    |               | X         |               |                   |       |      |         |      | 16   |                  |        |
| 17                   |                           |                 |               |        |              |          |                    |               | X         |               |                   |       |      |         |      | 18   |                  |        |
| LOAD DESCRIPTION     |                           | CONNECTED (KVA) |               | D.F.   | DEMAND (KVA) |          | SUBFED LOADS (KVA) |               | CONNECTED |               | VA                |       |      |         |      |      |                  |        |
| LIGHTING             |                           | 0.0             | 1.00          |        | 0.0          | LIGHTING | 0.0                | PH A          | 26666     |               |                   |       |      |         |      |      |                  |        |
| RECEPT (FIRST 10 KW) |                           | 0.0             | 1.00          |        | 0.0          | RECEPT   | 0.0                | PH B          | 26666     |               |                   |       |      |         |      |      |                  |        |
| RECEPT (REMAINDER)   |                           | 0.0             | 0.50          |        | 0.0          | MOTORS   | 0.0                | PH C          | 26666     |               |                   |       |      |         |      |      |                  |        |
| MOTORS               |                           | 0.0             | 1.00          |        | 0.0          | EQUIP    | 0.0                |               |           |               |                   |       |      |         |      |      |                  |        |
| LARGEST MOTOR        |                           | 0.0             | 1.25          |        | 0.0          | HEATING  | 0.0                | TOTAL         | KVA       |               | AMPS              |       |      |         |      |      |                  |        |
| EQUIPMENT            |                           | 80.0            | 1.00          | 79.998 |              |          |                    |               | CONNECTED | 80.0          |                   | 222.1 |      |         |      |      |                  |        |
| HEATING              |                           | 0.0             | 1.00          | 0      |              |          |                    |               | DEMAND    | 80.0          |                   | 222.1 |      |         |      |      |                  |        |
| TOTAL                |                           | 80.0            |               |        | 80.0         |          |                    | DESIGN        |           |               |                   |       |      |         |      |      |                  |        |
| GROUND BUS           |                           |                 |               |        |              |          |                    |               |           | INTEGRAL TVSS |                   |       |      |         |      |      |                  |        |
| ISOLATED GROUND BUS  |                           |                 |               |        |              |          |                    |               |           | ISC = 14KAIC  |                   |       |      |         |      |      |                  |        |
| L                    | LIGHTING                  | M               | MOTORS        | E      | EQUIPMENT    |          | S                  | SUBFED        |           |               |                   |       |      |         |      |      |                  |        |
| R                    | RECEPTACLE                | LM              | LARGEST MOTOR | H      | HEATING      |          | T                  | TRANSFORMER   |           |               |                   |       |      |         |      |      |                  |        |

| PANEL NAME           |                    | LOCATION        |               |       | MOUNTING |                  | SUPPLIED FROM  |   |                    | VOLTAGE           |             |               | BUS  |       | MAIN                 |        |  |    |
|----------------------|--------------------|-----------------|---------------|-------|----------|------------------|----------------|---|--------------------|-------------------|-------------|---------------|------|-------|----------------------|--------|--|----|
| BUSSWAY B            |                    | DATA CENTER RM  |               |       | SURFACE  |                  | UPS B RM BE-97 |   |                    | 120/208V, 3PH, 4W |             |               | 250  |       | 250A, 3P, M.C.B.     |        |  |    |
| CKT NO               | LOAD DESCRIPTION   | VA LOAD         |               |       | CB       |                  | BUS            |   |                    | CB                |             | VA LOAD       |      |       | LOAD DESCRIPTION     | CKT NO |  |    |
|                      |                    | PH A            | PH B          | PH C  | CODE     | P                | TR             | A | B                  | C                 | TR          | P             | CODE | PH A  | PH B                 | PH C   |  |    |
| 1                    |                    | 13333           |               |       | E        |                  |                | X |                    |                   |             |               | E    | 13333 |                      |        |  | 2  |
| 3                    | ROW 1 UPS BUSWAY B |                 | 13333         |       | E        | 3                | 150            |   | X                  |                   |             |               | E    |       | 13333                |        |  | 4  |
| 5                    |                    |                 |               | 13333 | E        |                  |                |   | X                  |                   |             |               | E    |       |                      | 13333  |  | 6  |
| 7                    |                    |                 |               |       |          | 1                | 20             | X |                    |                   |             |               |      |       |                      |        |  | 8  |
| 9                    |                    |                 |               |       |          | 1                | 20             |   | X                  |                   |             |               |      |       |                      |        |  | 10 |
| 11                   |                    |                 |               |       |          | 1                | 20             |   |                    | X                 |             |               |      |       |                      |        |  | 12 |
| 13                   |                    |                 |               |       |          | 1                | 20             | X |                    |                   |             |               |      |       |                      |        |  | 14 |
| 15                   |                    |                 |               |       |          | 1                | 20             |   |                    | X                 |             |               |      |       |                      |        |  | 16 |
| 17                   |                    |                 |               |       |          | 1                | 20             |   |                    | X                 |             |               |      |       |                      |        |  | 18 |
| LOAD DESCRIPTION     |                    | CONNECTED (KVA) |               |       | D.F.     | DEMAND (KVA)     |                |   | SUBFED LOADS (KVA) |                   |             | CONNECTED     |      |       | VA                   |        |  |    |
| LIGHTING             |                    | 0.0             |               |       | 1.00     | 0.0              |                |   | LIGHTING           |                   |             | 0.0           |      |       | PH A 26666           |        |  |    |
| RECEPT (FIRST 10 KW) |                    | 0.0             |               |       | 1.00     | 0.0              |                |   | RECEPT             |                   |             | 0.0           |      |       | PH B 26666           |        |  |    |
| RECEPT (REMAINDER)   |                    | 0.0             |               |       | 0.50     | 0.0              |                |   | MOTORS             |                   |             | 0.0           |      |       | PH C 26666           |        |  |    |
| MOTORS               |                    | 0.0             |               |       | 1.00     | 0.0              |                |   | EQUIP              |                   |             | 0.0           |      |       |                      |        |  |    |
| LARGEST MOTOR        |                    | 0.0             |               |       | 1.25     | 0.0              |                |   | HEATING            |                   |             | 0.0           |      |       | TOTAL KVA AMPS       |        |  |    |
| EQUIPMENT            |                    | 80.0            |               |       | 1.00     | 79.998           |                |   |                    |                   |             |               |      |       | CONNECTED 80.0 222.1 |        |  |    |
| HEATING              |                    | 0.0             |               |       | 1.00     | 0                |                |   |                    |                   |             |               |      |       | DEMAND 80.0 222.1    |        |  |    |
| TOTAL                |                    | 80.0            |               |       |          | 80.0             |                |   |                    |                   |             |               |      |       | DESIGN               |        |  |    |
| GROUND BUS           |                    |                 |               |       |          | 100% NEUTRAL BUS |                |   |                    |                   |             | INTEGRAL TVSS |      |       |                      |        |  |    |
| ISOLATED GROUND BUS  |                    |                 |               |       |          | 200% NEUTRAL BUS |                |   |                    |                   |             | ISC = 14KAIC  |      |       |                      |        |  |    |
| L                    | LIGHTING           | M               | MOTORS        |       |          | E                | EQUIPMENT      |   |                    | S                 | SUBFED      |               |      |       |                      |        |  |    |
| R                    | RECEPTACLE         | LM              | LARGEST MOTOR |       |          | H                | HEATING        |   |                    | T                 | TRANSFORMER |               |      |       |                      |        |  |    |

| PANEL NAME           |                  | LOCATION        |               |       | MOUNTING  |   |             | SUPPLIED FROM |   |                  | VOLTAGE            |   |      | BUS       |       | MAIN  |                  |        |  |               |  |  |  |  |  |  |  |  |  |
|----------------------|------------------|-----------------|---------------|-------|-----------|---|-------------|---------------|---|------------------|--------------------|---|------|-----------|-------|-------|------------------|--------|--|---------------|--|--|--|--|--|--|--|--|--|
| UPS A DISTRIBUTION   |                  | UPS RM BE-97    |               |       | FLOOR     |   |             | SWGR EQ MCR   |   |                  | 120/208V, 3PH, 4W  |   |      | N/A       |       | N/A   |                  |        |  |               |  |  |  |  |  |  |  |  |  |
| CKT NO               | LOAD DESCRIPTION | VA LOAD         |               |       | CB        |   |             | BUS           |   |                  | CB                 |   |      | VA LOAD   |       |       | LOAD DESCRIPTION | CKT NO |  |               |  |  |  |  |  |  |  |  |  |
|                      |                  | PH A            | PH B          | PH C  | CODE      | P | TR          | A             | B | C                | TR                 | P | CODE | PH A      | PH B  | PH C  |                  |        |  |               |  |  |  |  |  |  |  |  |  |
| 1                    |                  | 2400            |               |       | E         |   |             | X             |   |                  |                    |   | E    | 26640     |       |       |                  | 2      |  |               |  |  |  |  |  |  |  |  |  |
| 3                    | PNL ENTR. A, B   |                 | 2400          |       | E         | 3 | 100         |               | X |                  |                    |   | E    |           | 26640 |       | PNL BUSWAY A     | 4      |  |               |  |  |  |  |  |  |  |  |  |
| 5                    |                  |                 |               | 2400  | E         |   |             |               |   | X                |                    |   | E    |           |       | 26640 |                  | 6      |  |               |  |  |  |  |  |  |  |  |  |
| 7                    |                  | 24360           |               |       | E         |   |             | X             |   |                  |                    |   | E    | 9360      |       |       |                  | 8      |  |               |  |  |  |  |  |  |  |  |  |
| 9                    | PNL BSMNTUPS     |                 | 24360         |       | E         | 3 | 400         |               | X |                  |                    |   | E    |           | 9360  |       | PNL EBUPS011CB   | 10     |  |               |  |  |  |  |  |  |  |  |  |
| 11                   |                  |                 |               | 24360 | E         |   |             |               |   | X                |                    |   | E    |           |       | 9360  |                  | 12     |  |               |  |  |  |  |  |  |  |  |  |
| 13                   |                  | 9360            |               |       | E         |   |             |               |   | X                |                    |   | E    | 9360      |       |       |                  | 14     |  |               |  |  |  |  |  |  |  |  |  |
| 15                   | PNL EBUPS3401WA  |                 | 9360          |       | E         | 3 | 150         |               |   |                  | X                  |   | E    |           | 9360  |       | PNL EBUPS012CB   | 16     |  |               |  |  |  |  |  |  |  |  |  |
| 17                   |                  |                 |               | 9360  | E         |   |             |               |   |                  | X                  |   | E    |           |       | 9360  |                  | 18     |  |               |  |  |  |  |  |  |  |  |  |
| 19                   |                  | 9360            |               |       | E         |   |             |               |   |                  | X                  |   | E    | 12000     |       |       |                  | 20     |  |               |  |  |  |  |  |  |  |  |  |
| 21                   | PNL EBUPS461NA   |                 | 9360          |       | E         | 3 | 150         |               |   | X                |                    |   | E    |           | 1200  |       | PNL EBUPS014CA   | 22     |  |               |  |  |  |  |  |  |  |  |  |
| 23                   |                  |                 |               | 9360  | E         |   |             |               |   | X                |                    |   | E    |           |       | 1200  |                  | 24     |  |               |  |  |  |  |  |  |  |  |  |
| 25                   |                  | 9360            |               |       | E         |   |             |               |   |                  | X                  |   | E    | 4800      |       |       |                  | 26     |  |               |  |  |  |  |  |  |  |  |  |
| 27                   | PNL EBUPS092NA   |                 | 9360          |       | E         | 3 | 150         |               |   | X                |                    |   | E    |           | 4800  |       | PNL EBUPS463CA   | 28     |  |               |  |  |  |  |  |  |  |  |  |
| 29                   |                  |                 |               | 9360  | E         |   |             |               |   |                  | X                  |   | E    |           |       | 4800  |                  | 30     |  |               |  |  |  |  |  |  |  |  |  |
| 31                   |                  | 4800            |               |       | E         |   |             | X             |   |                  |                    |   |      |           |       |       |                  | 32     |  |               |  |  |  |  |  |  |  |  |  |
| 33                   | PNL EBUPS095CA   |                 | 4800          |       | E         | 3 | 100         |               | X |                  |                    |   |      |           |       |       |                  | 34     |  |               |  |  |  |  |  |  |  |  |  |
| 35                   |                  |                 |               | 4800  | E         |   |             |               |   | X                |                    |   |      |           |       |       |                  | 36     |  |               |  |  |  |  |  |  |  |  |  |
| 37                   |                  |                 |               |       | E         | 1 | 20          |               |   | X                |                    |   |      |           |       |       |                  | 38     |  |               |  |  |  |  |  |  |  |  |  |
| 39                   |                  |                 |               |       | E         | 1 | 20          |               |   | X                |                    |   |      |           |       |       |                  | 40     |  |               |  |  |  |  |  |  |  |  |  |
| 41                   |                  |                 |               |       | E         | 1 | 20          |               |   | X                |                    |   |      |           |       |       |                  | 42     |  |               |  |  |  |  |  |  |  |  |  |
| LOAD DESCRIPTION     |                  | CONNECTED (KVA) |               |       | D.F.      |   |             | DEMAND (KVA)  |   |                  | SUBFED LOADS (KVA) |   |      | CONNECTED |       |       | VA               |        |  |               |  |  |  |  |  |  |  |  |  |
| LIGHTING             |                  | 0.0             |               |       | 1.00      |   |             | 0.0           |   |                  | LIGHTING           |   |      | 0.0       |       |       | PH A 121800      |        |  |               |  |  |  |  |  |  |  |  |  |
| RECEPT (FIRST 10 KW) |                  | 0.0             |               |       | 1.00      |   |             | 0.0           |   |                  | RECEPT             |   |      | 0.0       |       |       | PH B 111000      |        |  |               |  |  |  |  |  |  |  |  |  |
| RECEPT (REMAINDER)   |                  | 0.0             |               |       | 0.50      |   |             | 0.0           |   |                  | MOTORS             |   |      | 0.0       |       |       | PH C 111000      |        |  |               |  |  |  |  |  |  |  |  |  |
| MOTORS               |                  | 0.0             |               |       | 1.00      |   |             | 0.0           |   |                  | EQUIP              |   |      | 0.0       |       |       |                  |        |  |               |  |  |  |  |  |  |  |  |  |
| LARGEST MOTOR        |                  | 0.0             |               |       | 1.25      |   |             | 0.0           |   |                  | HEATING            |   |      | 0.0       |       |       | TOTAL KVA        |        |  |               |  |  |  |  |  |  |  |  |  |
| EQUIPMENT            |                  | 343.8           |               |       | 1.00      |   |             | 343.8         |   |                  |                    |   |      |           |       |       | CONNECTED 343.8  |        |  |               |  |  |  |  |  |  |  |  |  |
| HEATING              |                  | 0.0             |               |       | 1.00      |   |             | 0             |   |                  |                    |   |      |           |       |       | DEMAND 343.8     |        |  |               |  |  |  |  |  |  |  |  |  |
| TOTAL                |                  | 343.8           |               |       |           |   |             | 343.8         |   |                  |                    |   |      |           |       |       | DESIGN           |        |  |               |  |  |  |  |  |  |  |  |  |
| GROUND BUS           |                  |                 |               |       |           |   |             |               |   | 100% NEUTRAL BUS |                    |   |      |           |       |       |                  |        |  | INTEGRAL TVSS |  |  |  |  |  |  |  |  |  |
| ISOLATED GROUND BUS  |                  |                 |               |       |           |   |             |               |   | 200% NEUTRAL BUS |                    |   |      |           |       |       |                  |        |  | ISC = 14KAIC  |  |  |  |  |  |  |  |  |  |
| L                    | LIGHTING         | M               | MOTORS        | E     | EQUIPMENT | S | SUBFED      |               |   |                  |                    |   |      |           |       |       |                  |        |  |               |  |  |  |  |  |  |  |  |  |
| R                    | RECEPTACLE       | LM              | LARGEST MOTOR | H     | HEATING   | T | TRANSFORMER |               |   |                  |                    |   |      |           |       |       |                  |        |  |               |  |  |  |  |  |  |  |  |  |