System 1 - North

Inverter Off

1. Array voltage and polarity checked at inverter, String 1: 442 V
Array voltage and polarity checked at inverter, String 2: 441 V
Array voltage and polarity checked at inverter, String 3: 445 V

2. All strings positive to ground <1 V
All strings negative to ground <1 V

3a. AC voltage L1 to N 117.3 V, L2 to N 117.6 V

Inverter On

3b. AC voltage L1 to N 119.4 V, L2 to N 121.9 V

4. AC current 17.2 A x 241.3 = 4150 W
DC voltage 369 V of array
String 1: DC current 4.0 A
String 2: DC current 3.9 A
String 3: DC current 3.9 A
Total DC current 11.8 A x 369 = 4354 W

5. Inverter Displayed Power 3675 W

System 2 - South

Inverter Off

1. Array voltage and polarity checked at inverter, String 1: 440 V
Array voltage and polarity checked at inverter, String 2: 441 V
Array voltage and polarity checked at inverter, String 3: 445 V

2. All strings positive to ground <1 V
All strings negative to ground <1 V

3a. AC voltage L1 to N 117.3 V, L2 to N 117.6 V

Inverter On

3b. AC voltage L1 to N 117.5 V, L2 to N 118.5 V

4. AC current 15.6 A x 236 = 3682 W
DC voltage 353 V of array
String 1: DC current 3.8 A
String 2: DC current 3.5 A
String 3: DC current 3.5 A
Total DC current 10.5 A x 353 = 3812 W

5. Inverter Displayed Power 3262 W

Time 11:55 AM Date 7/14/2012