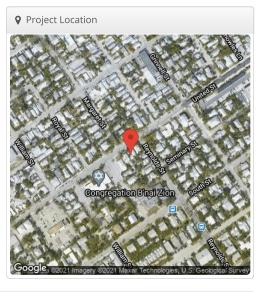


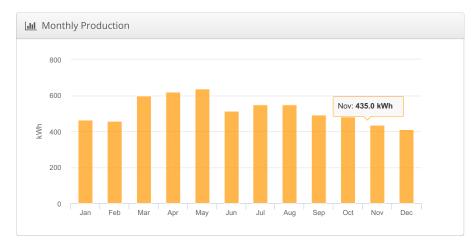


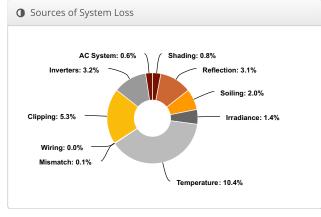
## Layout 1 Traci Herr, 898 United Street, Key West, Florida 33040

| & Report        |  |
|-----------------|--|
| Project Name    | Traci Herr                                 |
| Project Address | 898 United Street, Key West, Florida 33040 |
| Prepared By     | Bob Williams<br>bobw@saltservice.net       |
|                 | SALTENERGY                                 |

| System Met               | rics   |
|--------------------------|--|
| Design                   | Layout 1   |
| Module DC<br>Nameplate   | 4.10 kW  |
| Inverter AC<br>Nameplate | 3.49 kW<br>Load Ratio: 1.17                      |
| Annual<br>Production     | 6.200 MWh  |
| Performance<br>Ratio     | 75.7%  |
| kWh/kWp                  | 1,512.3  |
| Weather Dataset          | TMY, 10km grid (24.55,-81.75), NREL (prospector) |
| Simulator Version        | 453f41678c-09260645b7-b0bd33bbd8-<br>a9fb6c4b03  |







|                 | Description                         | Output  | % Delta |  |  |  |  |
|-----------------|-------------------------------------|---------|---------|--|--|--|--|
|                 | Annual Global Horizontal Irradiance | 1,973.7 |         |  |  |  |  |
|                 | POA Irradiance                      | 1,997.6 | 1.2%    |  |  |  |  |
| Irradiance      | Shaded Irradiance                   | 1,981.4 | -0.8%   |  |  |  |  |
| (kWh/m²)        | Irradiance after Reflection         | 1,920.4 | -3.1%   |  |  |  |  |
|                 | Irradiance after Soiling            | 1,882.0 | -2.0%   |  |  |  |  |
|                 | Total Collector Irradiance          | 1,880.8 | -0.1%   |  |  |  |  |
|                 | Nameplate                           | 7,712.0 |         |  |  |  |  |
|                 | Output at Irradiance Levels         | 7,603.0 | -1.4%   |  |  |  |  |
|                 | Output at Cell Temperature Derate   | 6,815.9 | -10.4%  |  |  |  |  |
| Energy          | Output After Mismatch               | 6,812.4 | -0.1%   |  |  |  |  |
| (kWh)           | Optimal DC Output                   | 6,812.4 | 0.0%    |  |  |  |  |
|                 | Constrained DC Output               | 6,448.4 | -5.3%   |  |  |  |  |
|                 | Inverter Output                     | 6,240.6 | -3.0%   |  |  |  |  |
|                 | Energy to Grid                      | 6,200.4 | -0.6%   |  |  |  |  |
| Temperature M   | etrics                              |         |         |  |  |  |  |
|                 | Avg. Operating Ambient Temp         |         | 25.4 °C |  |  |  |  |
|                 | Avg. Operating Cell Temp            |         | 45.1 °C |  |  |  |  |
| Simulation Met  | rics                                |         |         |  |  |  |  |
| Operating Hours |                                     |         |         |  |  |  |  |
| Solved Hours    |                                     |         |         |  |  |  |  |

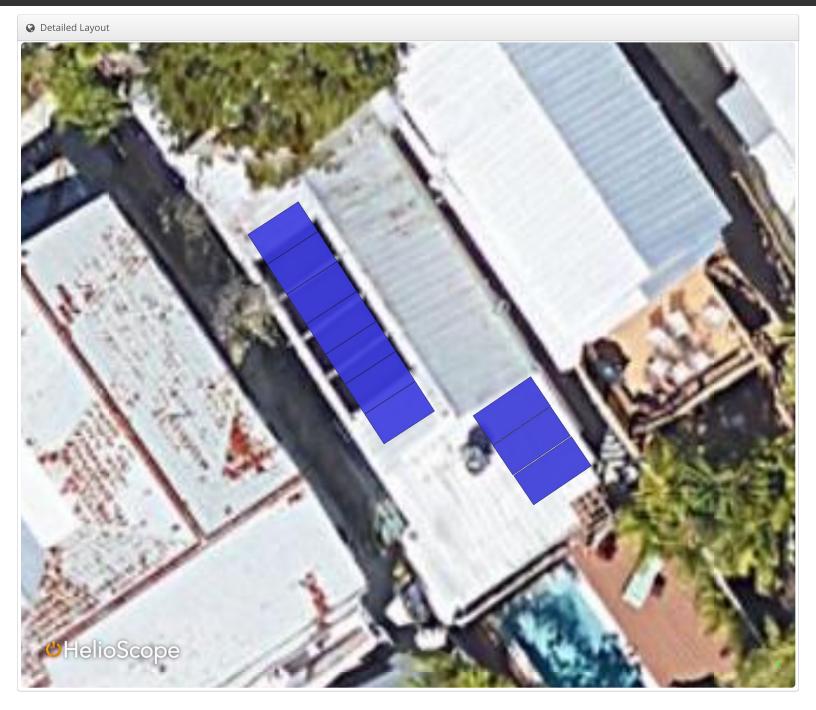


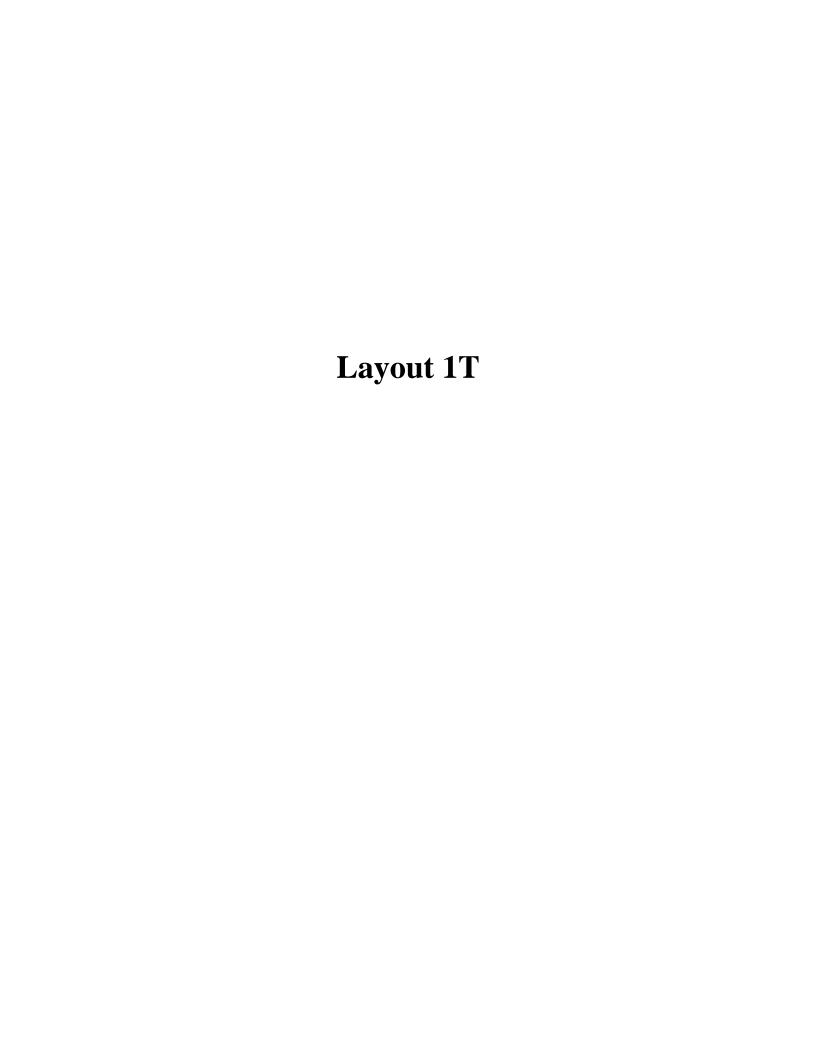
| Condition Set                |             |                 |             |       |               |                  |            |                                    |      |         |       |       |
|------------------------------|-------------|-----------------|-------------|-------|---------------|------------------|------------|------------------------------------|------|---------|-------|-------|
| Description                  | Conc        | Condition Set 1 |             |       |               |                  |            |                                    |      |         |       |       |
| Weather Dataset              | TMY,        | 10kn            | n grid (2   | 24.55 | ,-81.75       | ), NREI          | _ (pros    | pecto                              | or)  |         |       |       |
| Solar Angle Location         | Mete        | o Lat           | /Lng        |       |               |                  |            |                                    |      |         |       |       |
| Transposition Model          | Pere        | z Moc           | lel         |       |               |                  |            |                                    |      |         |       |       |
| Temperature Model            | Sand        | Sandia Model    |             |       |               |                  |            |                                    |      |         |       |       |
|                              | Rack        | Туре            |             | a     |               | b                |            | Te                                 | mper | ature [ | Delta |       |
| Temperature Model Parameters | Fixe        | d Tilt          |             | -3    | 3.56          | -0.0             | 75         | 3°                                 | С    |         |       |       |
|                              | Flush Mount |                 |             |       | 2.81          | -0.04            | .0455      |                                    | C    |         |       |       |
| Soiling (%)                  | J           | F               | М           | Α     | М             | J                | J          | Α                                  | S    | 0       | N     | D     |
|                              | 2           | 2               | 2           | 2     | 2             | 2                | 2          | 2                                  | 2    | 2       | 2     | 2     |
| Irradiation Variance         | 5%          |                 |             |       |               |                  |            |                                    |      |         |       |       |
| Cell Temperature Spread      | 4° C        |                 |             |       |               |                  |            |                                    |      |         |       |       |
| Module Binning Range         | -2.5%       | 6 to 2.         | .5%         |       |               |                  |            |                                    |      |         |       |       |
| AC System Derate             | 0.509       | %               |             |       |               |                  |            |                                    |      |         |       |       |
| Module Characterizations     | Module      |                 |             |       | Uploa<br>By   | Characterization |            |                                    |      |         |       |       |
| module enalucterizations     |             | A410<br>Powe    | -G-AC<br>r) |       | Folso<br>Labs | m                | Sunp       | Sunpower_SPR_A410_G_AC.PAN,<br>PAN |      |         |       | PAN,  |
| Component                    | Devi        | ce              |             |       |               |                  | Up<br>By   | Uploaded Characterization          |      |         |       | ation |
| Characterizations            |             | \-72-2<br>hase) | -US (24     | 0V) ( | error)        |                  | Fol<br>Lal | som<br>os                          |      | Spec    | Sheet |       |

| ☐ Components    |  |                 |  |  |  |  |  |
|-----------------|--|-----------------|--|--|--|--|--|
| Component       | Name                                     | Count           |  |  |  |  |  |
| Inverters       | IQ7A-72-2-US (240V) (error)<br>(Enphase) | 10 (3.49<br>kW) |  |  |  |  |  |
| AC Panels       | 1 input AC Panel                         | 1               |  |  |  |  |  |
| AC Home<br>Runs | 500 MCM (Copper)                         | 1 (42.1 ft)     |  |  |  |  |  |
| AC Branches     | 10 AWG (Copper)                          | 1 (0.2 ft)      |  |  |  |  |  |
| Module          | SunPower, SPR-A410-G-AC (410W)           | 10 (4.10<br>kW) |  |  |  |  |  |

| ₩iring Zor      | nes         |                     |      |            |                  |                    |        |         |         |
|-----------------|-------------|---------------------|------|------------|------------------|--------------------|--------|---------|---------|
| Description     | Со          | Combiner Poles      |      | Str        | ing Size         | Stringing Strategy |        |         |         |
| Wiring Zone -   |             |                     |      | 1-1        |                  | Along Racl         | king   |         |         |
|                 |             |                     |      |            |                  |                    |        |         |         |
| Field Segm      | nents       |                     |      |            |                  |                    |        |         |         |
| Description     | Racking     | Orientation         | Tilt | Azimuth    | Intrarow Spacing | Frame Size         | Frames | Modules | Power   |
| Field Segment 1 | Flush Mount | Portrait (Vertical) | 30°  | 236.94418° | 0.0 ft           | 1x1                | 7      | 7       | 2.87 kW |
| Field Segment 2 | Flush Mount | Portrait (Vertical) | 0°   | 145.87146° | 0.0 ft           | 1x1                | 3      | 3       | 1.23 kW |
|                 |             |                     |      |            |                  |                    |        |         |         |





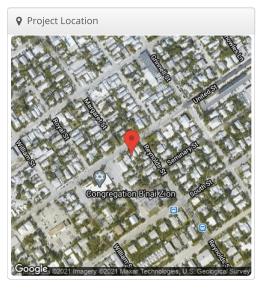


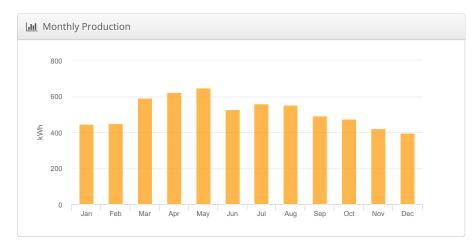


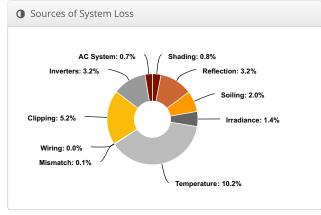
## Layout 1 Revised Traci Herr, 898 United Street, Key West, Florida 33040

| & Report        |  |
|-----------------|--|
| Project Name    | Traci Herr                                 |
| Project Address | 898 United Street, Key West, Florida 33040 |
| Prepared By     | Bob Williams<br>bobw@saltservice.net       |
|                 | SALTENERGY                                 |

| Lill System Met          | rics   |
|--------------------------|--|
| Design                   | Layout 1 Revised                                 |
| Module DC<br>Nameplate   | 4.10 kW  |
| Inverter AC<br>Nameplate | 3.49 kW<br>Load Ratio: 1.17                      |
| Annual<br>Production     | 6.185 MWh  |
| Performance<br>Ratio     | 75.8%  |
| kWh/kWp                  | 1,508.5  |
| Weather Dataset          | TMY, 10km grid (24.55,-81.75), NREL (prospector) |
| Simulator Version        | 453f41678c-09260645b7-b0bd33bbd8-<br>a9fb6c4b03  |







|                       | Description                         | Output        | % Delta |
|-----------------------|-------------------------------------|---------------|---------|
|                       | Annual Global Horizontal Irradiance | 1,973.7       |         |
|                       | POA Irradiance                      | 1,990.5       | 0.8%    |
| Irradiance            | Shaded Irradiance                   | 1,974.1       | -0.8%   |
| (kWh/m <sup>2</sup> ) | Irradiance after Reflection         | 1,911.9       | -3.2%   |
|                       | Irradiance after Soiling            | 1,873.6       | -2.0%   |
|                       | Total Collector Irradiance          | 1,872.7       | -0.1%   |
|                       | Nameplate                           | 7,680.0       |         |
|                       | Output at Irradiance Levels         | 7,569.9       | -1.4%   |
|                       | Output at Cell Temperature Derate   | 6,794.1       | -10.2%  |
| Energy                | Output After Mismatch               | 6,790.5       | -0.1%   |
| (kWh)                 | Optimal DC Output                   | 6,790.5       | 0.0%    |
|                       | Constrained DC Output               | 6,436.2       | -5.2%   |
|                       | Inverter Output                     | 6,228.5       | -3.0%   |
|                       | Energy to Grid                      | 6,185.0       | -0.7%   |
| Temperature           | Metrics                             |               |         |
|                       | Avg. Operating Ambient Temp         |               | 25.4 °C |
|                       | Avg. Operating Cell Temp            |               | 45.1 °C |
| Simulation Me         | trics                               |               |         |
|                       | Ope                                 | erating Hours | 4668    |
|                       |                                     | Solved Hours  | 4668    |



| Condition Set                   |                             |                 |          |        |               |         |                  |                           |                       |         |          |       |
|---------------------------------|-----------------------------|-----------------|----------|--------|---------------|---------|------------------|---------------------------|-----------------------|---------|----------|-------|
| Description                     | Conc                        | Condition Set 1 |          |        |               |         |                  |                           |                       |         |          |       |
| Weather Dataset                 | TMY,                        | 10kn            | n grid ( | 24.55  | 5,-81.75      | ), NREI | _(pros           | pecto                     | or)                   |         |          |       |
| Solar Angle Location            | Mete                        | o Lat           | /Lng     |        |               |         |                  |                           |                       |         |          |       |
| Transposition Model             | Pere                        | z Moc           | lel      |        |               |         |                  |                           |                       |         |          |       |
| Temperature Model               | Sand                        | lia Mc          | del      |        |               |         |                  |                           |                       |         |          |       |
|                                 | Rack                        | Туре            |          | а      |               | b       |                  | Те                        | mper                  | ature [ | Delta    |       |
| Temperature Model<br>Parameters | Fixe                        | d Tilt          |          | -      | 3.56          | -0.07   | 75               | 3°                        | С                     |         |          |       |
|                                 | Flush Mount                 |                 |          |        | 2.81          | -0.04   | 155              | 0°C                       |                       |         |          |       |
| Soiling (%)                     | J                           | F               | М        | Α      | М             | J       | J                | Α                         | S                     | 0       | N        | D     |
|                                 | 2                           | 2               | 2        | 2      | 2             | 2       | 2                | 2                         | 2                     | 2       | 2        | 2     |
| Irradiation Variance            | 5%                          |                 |          |        |               |         |                  |                           |                       |         |          |       |
| Cell Temperature Spread         | 4° C                        |                 |          |        |               |         |                  |                           |                       |         |          |       |
| Module Binning Range            | -2.5%                       | 6 to 2.         | .5%      |        |               |         |                  |                           |                       |         |          |       |
| AC System Derate                | 0.50                        | %               |          |        |               |         |                  |                           |                       |         |          |       |
| Module Characterizations        | Module                      |                 |          |        | Uploa<br>By   | Char    | Characterization |                           |                       |         |          |       |
| Wodale Characterizations        | SPR-A410-G-AC<br>(SunPower) |                 |          |        | Folso<br>Labs |         |                  |                           | er_SPR_A410_G_AC.PAN, |         |          |       |
| Component                       | Devi                        | ce              |          |        |               |         | Up<br>By         | loade                     | d                     | Char    | acteriza | ation |
| Characterizations               | ٠,                          | \-72-2<br>hase) | -US (24  | 10V) ( | error)        |         |                  | Folsom<br>Labs Spec Sheet |                       |         |          |       |

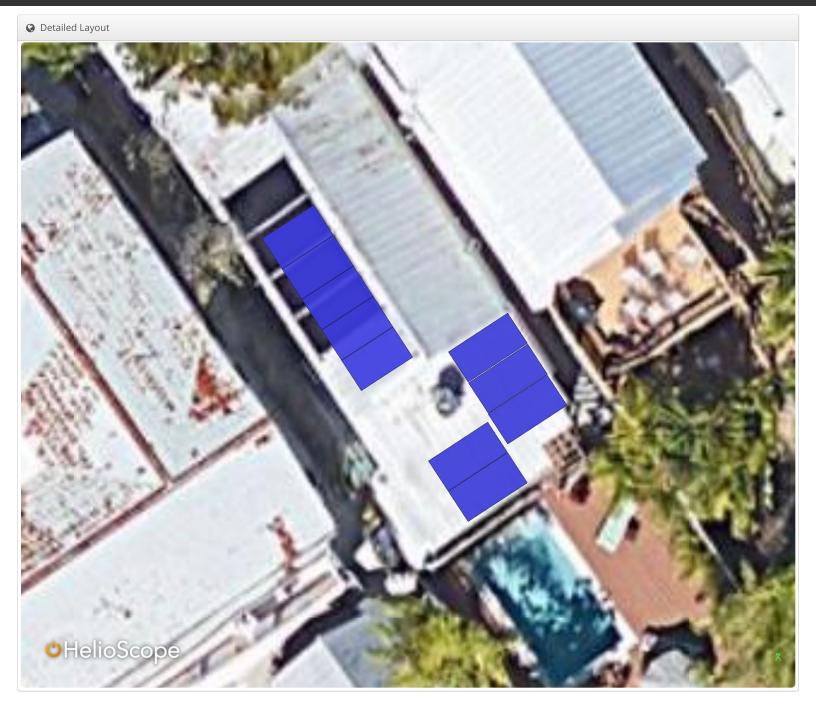
| ☐ Components    |  |                 |  |  |  |  |  |
|-----------------|--|-----------------|--|--|--|--|--|
| Component       | Name                                     | Count           |  |  |  |  |  |
| Inverters       | IQ7A-72-2-US (240V) (error)<br>(Enphase) | 10 (3.49<br>kW) |  |  |  |  |  |
| AC Panels       | 1 input AC Panel                         | 1               |  |  |  |  |  |
| AC Home<br>Runs | 500 MCM (Copper)                         | 1 (18.1 ft)     |  |  |  |  |  |
| AC Branches     | 10 AWG (Copper)                          | 1 (0.0 ft)      |  |  |  |  |  |
| Module          | SunPower, SPR-A410-G-AC (410W)           | 10 (4.10<br>kW) |  |  |  |  |  |

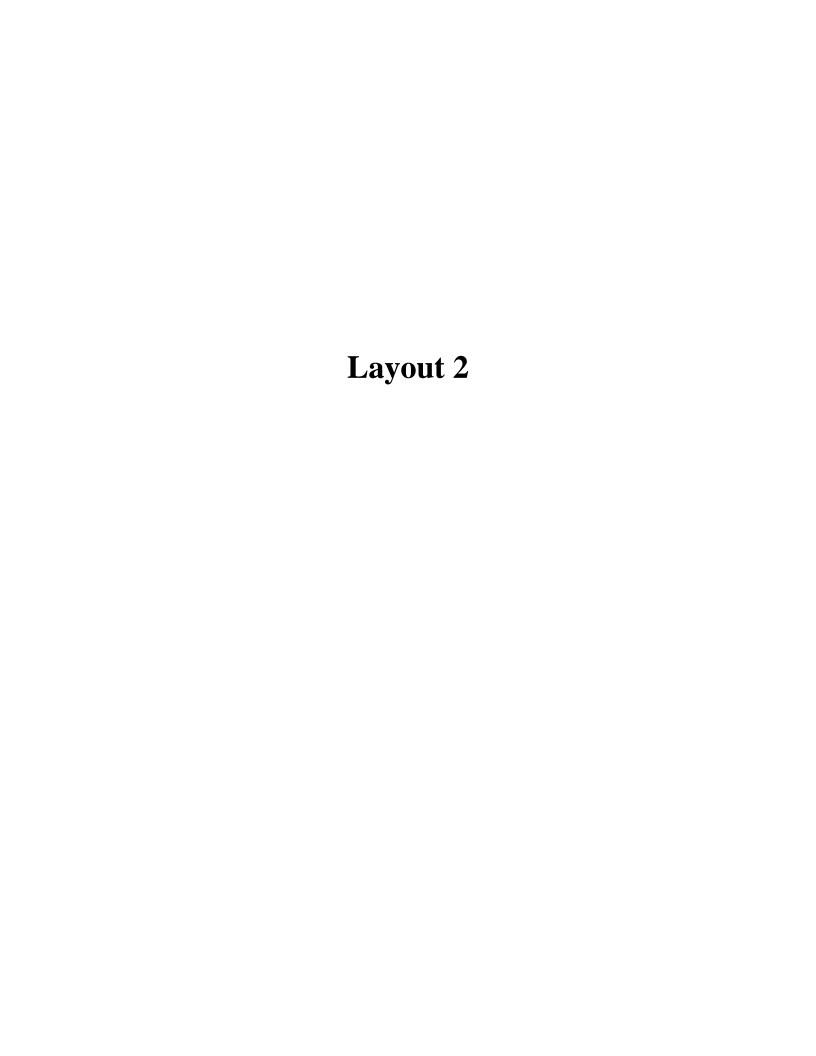
| ♣ Wiring Zor        | nes           |                     |      |           |                  |                    |        |         |         |
|---------------------|---------------|---------------------|------|-----------|------------------|--------------------|--------|---------|---------|
| Description         | Со            | Combiner Poles      |      | Str       | ing Size         | Stringing Strategy |        |         |         |
| Wiring Zone         | Wiring Zone - |                     | 1-1  |           | Along Racl       | king               |        |         |         |
| <b>Ⅲ</b> Field Segm | nents         |                     |      |           |                  |                    |        |         |         |
| Description         | Racking       | Orientation         | Tilt | Azimuth   | Intrarow Spacing | Frame Size         | Frames | Modules | Power   |
| Field Segment 2     | Flush Mount   | Portrait (Vertical) | 0°   | 236.7683° | 0.0 ft           | 1x1                | 8      | 5       | 2.05 kW |

2.05 kW

Field Segment 2 Flush Mount Portrait (Vertical) 30° 236.91862° 0.0 ft





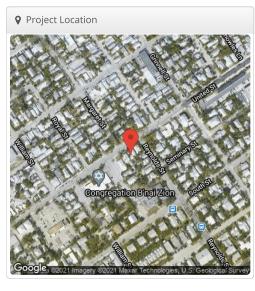


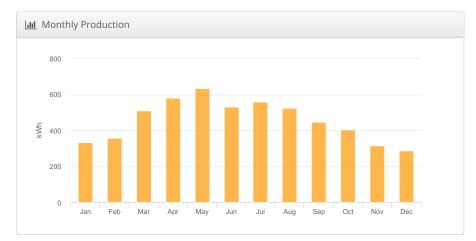


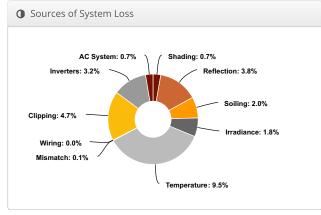
## Layout 2 Traci Herr, 898 United Street, Key West, Florida 33040

| & Report        |  |
|-----------------|--|
| Project Name    | Traci Herr                                 |
| Project Address | 898 United Street, Key West, Florida 33040 |
| Prepared By     | Bob Williams<br>bobw@saltservice.net       |
|                 | SALTENERGY                                 |

| Lill System Met          | rics   |
|--------------------------|--|
| Design                   | Layout 2   |
| Module DC<br>Nameplate   | 4.10 kW  |
| Inverter AC<br>Nameplate | 3.49 kW<br>Load Ratio: 1.17                      |
| Annual<br>Production     | 5.487 MWh  |
| Performance<br>Ratio     | 76.4%  |
| kWh/kWp                  | 1,338.4  |
| Weather Dataset          | TMY, 10km grid (24.55,-81.75), NREL (prospector) |
| Simulator Version        | 453f41678c-09260645b7-b0bd33bbd8-<br>a9fb6c4b03  |







|                          | Description                         | Output  | % Delta |  |  |  |  |
|--------------------------|-------------------------------------|---------|---------|--|--|--|--|
|                          | Annual Global Horizontal Irradiance | 1,973.7 |         |  |  |  |  |
|                          | POA Irradiance                      | 1,751.9 | -11.2%  |  |  |  |  |
| Irradiance               | Shaded Irradiance                   | 1,739.0 | -0.7%   |  |  |  |  |
| (kWh/m²)                 | Irradiance after Reflection         | 1,673.4 | -3.8%   |  |  |  |  |
|                          | Irradiance after Soiling            | 1,639.9 | -2.0%   |  |  |  |  |
|                          | Total Collector Irradiance          | 1,644.6 | 0.3%    |  |  |  |  |
|                          | Nameplate                           | 6,748.3 |         |  |  |  |  |
|                          | Output at Irradiance Levels         | 6,628.0 | -1.8%   |  |  |  |  |
|                          | Output at Cell Temperature Derate   | 5,996.5 | -9.5%   |  |  |  |  |
| Energy                   | Output After Mismatch               | 5,993.3 | -0.1%   |  |  |  |  |
| (kWh)                    | Optimal DC Output                   | 5,993.3 | 0.0%    |  |  |  |  |
|                          | Constrained DC Output               | 5,712.2 | -4.7%   |  |  |  |  |
|                          | Inverter Output                     | 5,526.7 | -3.0%   |  |  |  |  |
|                          | Energy to Grid                      | 5,487.4 | -0.7%   |  |  |  |  |
| Temperature              | Metrics                             |         |         |  |  |  |  |
|                          | Avg. Operating Ambient Temp         |         | 25.4 °C |  |  |  |  |
| Avg. Operating Cell Temp |                                     |         |         |  |  |  |  |
| Simulation Mo            | etrics                              |         |         |  |  |  |  |
| Operating Hours          |                                     |         |         |  |  |  |  |
| Solved Hours             |                                     |         |         |  |  |  |  |



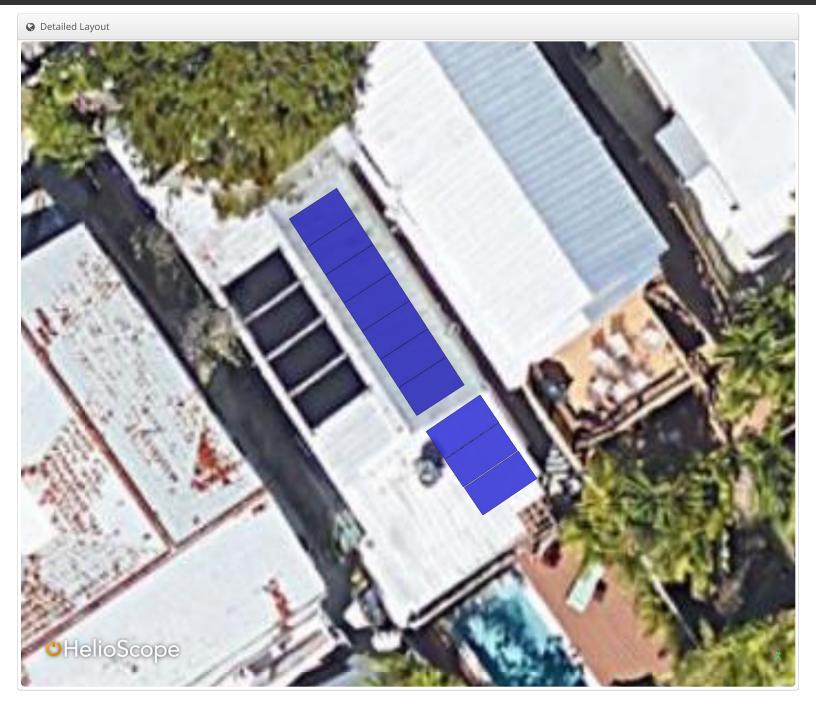
| Condition Set                   |            |  |               |        |             |      |          |                  |                         |         |       |       |
|---------------------------------|------------|--|---------------|--------|-------------|------|----------|------------------|-------------------------|---------|-------|-------|
| Description                     | Conc       | Condition Set 1                                    |               |        |             |      |          |                  |                         |         |       |       |
| Weather Dataset                 | TMY,       | TMY, 10km grid (24.55,-81.75), NREL (prospector)   |               |        |             |      |          |                  |                         |         |       |       |
| Solar Angle Location            | Mete       | o Lat  | /Lng          |        |             |      |          |                  |                         |         |       |       |
| Transposition Model             | Pere       | z Mod  | del           |        |             |      |          |                  |                         |         |       |       |
| Temperature Model               | Sand       | lia Mo   | odel          |        |             |      |          |                  |                         |         |       |       |
| Tarras arratuma Mandal          | Rack       | Туре   |               | a      |             | b    |          | Te               | mper                    | ature [ | Delta |       |
| Temperature Model<br>Parameters | Fixed Tilt |  |               | -3     | 3.56        | -0.0 | 75       | 3°               |                         |         |       |       |
|                                 | Flus       | Flush Mount -2.81 -0.0455                          |               |        |             | 455  | 0°       | C                |                         |         |       |       |
| Soiling (%)                     | J          | F  | M             | Α      | М           | J    | J        | Α                | S                       | 0       | N     | D     |
|                                 | 2          | 2  | 2             | 2      | 2           | 2    | 2        | 2                | 2                       | 2       | 2     | 2     |
| Irradiation Variance            | 5%         |  |               |        |             |      |          |                  |                         |         |       |       |
| Cell Temperature Spread         | 4° C       |  |               |        |             |      |          |                  |                         |         |       |       |
| Module Binning Range            | -2.5%      | 6 to 2   | .5%           |        |             |      |          |                  |                         |         |       |       |
| AC System Derate                | 0.50       | %  |               |        |             |      |          |                  |                         |         |       |       |
| Module Characterizations        | Mod        | ule  |               |        | Uploa<br>By | aded | Char     | Characterization |                         |         |       |       |
| Module enaracterizations        |            | SPR-A410-G-AC Folsom Sunpow<br>(SunPower) Labs PAN |               |        |             |      |          |                  | ower_SPR_A410_G_AC.PAN, |         |       |       |
| Component                       | Devi       | ce   |               |        |             |      | Up<br>By |                  | loaded Characterization |         |       | ation |
| Characterizations               | ٠,         | \-72-2<br>hase                                     | 2-US (24<br>) | 10V) ( | error)      |      | Fo<br>La | lsom<br>bs       | m Spec Sheet            |         |       |       |

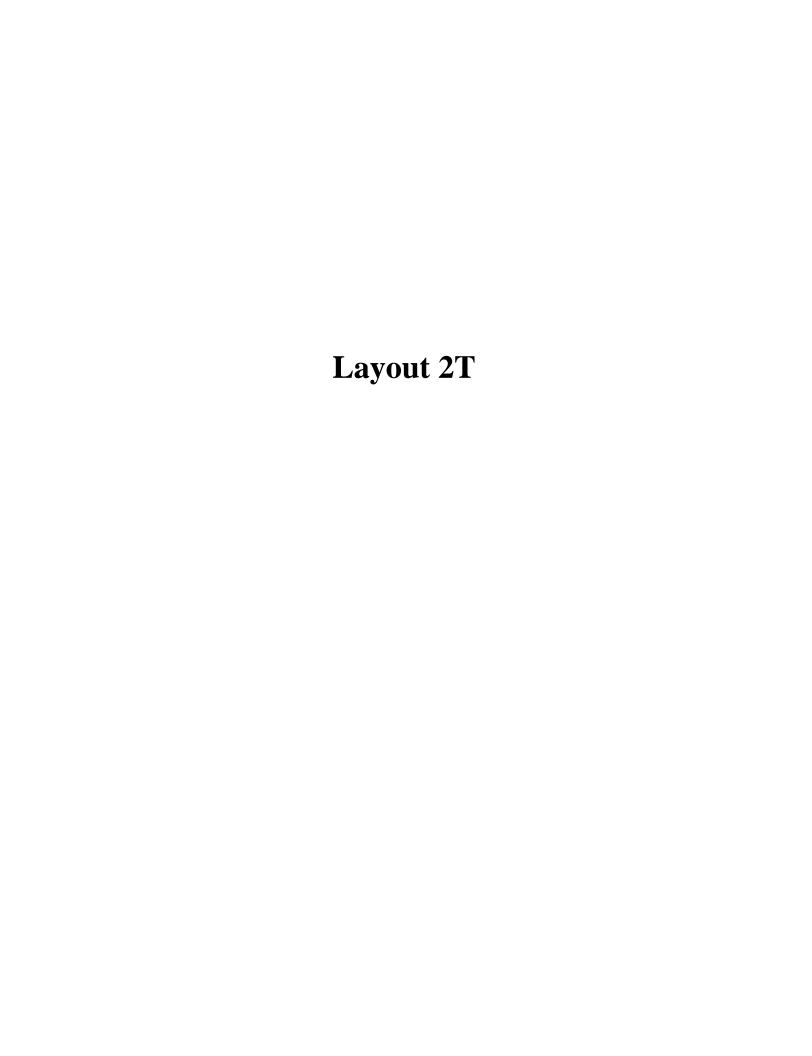
| ☐ Components    |  |                 |  |  |  |  |  |
|-----------------|--|-----------------|--|--|--|--|--|
| Component       | Name                                     | Count           |  |  |  |  |  |
| Inverters       | IQ7A-72-2-US (240V) (error)<br>(Enphase) | 10 (3.49<br>kW) |  |  |  |  |  |
| AC Panels       | 1 input AC Panel                         | 1               |  |  |  |  |  |
| AC Home<br>Runs | 500 MCM (Copper)                         | 1 (39.1 ft)     |  |  |  |  |  |
| Module          | SunPower, SPR-A410-G-AC (410W)           | 10 (4.10<br>kW) |  |  |  |  |  |

| A Wiring Zones |                |             |                    |
|----------------|----------------|-------------|--------------------|
| Description    | Combiner Poles | String Size | Stringing Strategy |
| Wiring Zone    | -              | 1-1         | Along Racking      |

| <b>Ⅲ</b> Field Seg | ments          |                        |      |                    |                     |               |        |         |            |
|--------------------|----------------|------------------------|------|--------------------|---------------------|---------------|--------|---------|------------|
| Description        | Racking        | Orientation            | Tilt | Azimuth            | Intrarow<br>Spacing | Frame<br>Size | Frames | Modules | Power      |
| Field Segment<br>2 | Flush<br>Mount | Portrait<br>(Vertical) | 0°   | 145.87146°         | 0.0 ft              | 1x1           | 6      | 3       | 1.23<br>kW |
| Field Segment<br>2 | Flush<br>Mount | Portrait<br>(Vertical) | 30°  | 57.02527960963539° | 0.0 ft              | 1x1           | 7      | 7       | 2.87<br>kW |





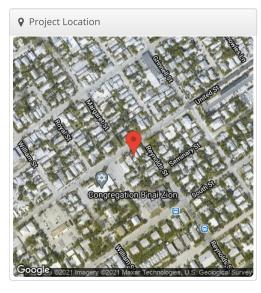


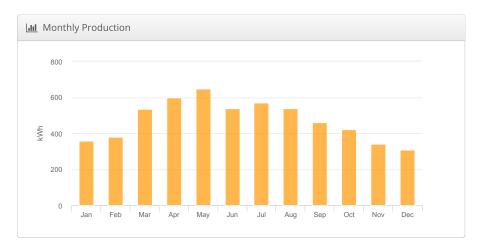


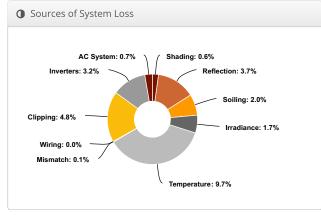
## Layout 2 Revised Traci Herr, 898 United Street, Key West, Florida 33040

| & Report        |  |
|-----------------|--|
| Project Name    | Traci Herr                                 |
| Project Address | 898 United Street, Key West, Florida 33040 |
| Prepared By     | Bob Williams<br>bobw@saltservice.net       |
|                 | SALTENERGY                                 |

| System Met               | Lill System Metrics                              |  |  |  |  |  |  |
|--------------------------|--|--|--|--|--|--|--|
| Design                   | Layout 2 Revised                                 |  |  |  |  |  |  |
| Module DC<br>Nameplate   | 4.10 kW  |  |  |  |  |  |  |
| Inverter AC<br>Nameplate | 3.49 kW<br>Load Ratio: 1.17                      |  |  |  |  |  |  |
| Annual<br>Production     | 5.691 MWh  |  |  |  |  |  |  |
| Performance<br>Ratio     | 76.5%  |  |  |  |  |  |  |
| kWh/kWp                  | 1,388.0  |  |  |  |  |  |  |
| Weather Dataset          | TMY, 10km grid (24.55,-81.75), NREL (prospector) |  |  |  |  |  |  |
| Simulator Version        | 453f41678c-09260645b7-b0bd33bbd8-<br>a9fb6c4b03  |  |  |  |  |  |  |







|                       | Description                         | Output  | % Delta |  |  |  |  |  |
|-----------------------|-------------------------------------|---------|---------|--|--|--|--|--|
|                       | Annual Global Horizontal Irradiance | 1,973.7 |         |  |  |  |  |  |
|                       | POA Irradiance                      | 1,815.4 | -8.0%   |  |  |  |  |  |
| Irradiance            | Shaded Irradiance                   | 1,804.8 | -0.6%   |  |  |  |  |  |
| (kWh/m <sup>2</sup> ) | Irradiance after Reflection         | 1,739.0 | -3.7%   |  |  |  |  |  |
|                       | Irradiance after Soiling            | 1,704.2 | -2.0%   |  |  |  |  |  |
|                       | Total Collector Irradiance          | 1,709.9 | 0.3%    |  |  |  |  |  |
|                       | Nameplate                           | 7,014.9 |         |  |  |  |  |  |
|                       | Output at Irradiance Levels         | 6,896.8 | -1.7%   |  |  |  |  |  |
|                       | Output at Cell Temperature Derate   | 6,227.1 | -9.7%   |  |  |  |  |  |
| Energy                | Output After Mismatch               | 6,223.8 | -0.1%   |  |  |  |  |  |
| (kWh)                 | Optimal DC Output                   | 6,223.8 | 0.0%    |  |  |  |  |  |
|                       | Constrained DC Output               | 5,923.9 | -4.8%   |  |  |  |  |  |
|                       | Inverter Output                     | 5,731.8 | -3.0%   |  |  |  |  |  |
|                       | Energy to Grid                      | 5,690.7 | -0.7%   |  |  |  |  |  |
| Temperature           | Metrics                             |         |         |  |  |  |  |  |
|                       | Avg. Operating Ambient Temp         |         | 25.4 °C |  |  |  |  |  |
|                       | Avg. Operating Cell Temp            |         | 43.3 °C |  |  |  |  |  |
| Simulation Mo         | etrics                              |         |         |  |  |  |  |  |
| Operating Hours       |                                     |         |         |  |  |  |  |  |
|                       | Solved Hours                        |         |         |  |  |  |  |  |



| Condition Set                |  |  |         |      |        |        |          |                           |      |         |       |   |
|------------------------------|--|--|---------|------|--------|--------|----------|---------------------------|------|---------|-------|---|
| Description                  | Conc   | Condition Set 1                                  |         |      |        |        |          |                           |      |         |       |   |
| Weather Dataset              | TMY,   | TMY, 10km grid (24.55,-81.75), NREL (prospector) |         |      |        |        |          |                           |      |         |       |   |
| Solar Angle Location         | Mete   | Meteo Lat/Lng                                    |         |      |        |        |          |                           |      |         |       |   |
| Transposition Model          | Pere   | z Moc  | lel     |      |        |        |          |                           |      |         |       |   |
| Temperature Model            | Sand   | Sandia Model                                     |         |      |        |        |          |                           |      |         |       |   |
|                              | Rack   | Туре   |         | а    |        | b      |          | Te                        | mper | ature [ | Delta |   |
| Temperature Model Parameters | Fixe   | d Tilt   |         | -3   | 3.56   | -0.0   | 75       | 3°                        | C    |         |       |   |
|                              | Flush Mount -2.81 -0.045   |  |         |      | 455    | 55 0°C |          |                           |      |         |       |   |
| Soiling (%)                  | J  | F  | М       | Α    | М      | J      | J        | Α                         | S    | 0       | N     | D |
|                              | 2  | 2  | 2       | 2    | 2      | 2      | 2        | 2                         | 2    | 2       | 2     | 2 |
| Irradiation Variance         | 5%   |  |         |      |        |        |          |                           |      |         |       |   |
| Cell Temperature Spread      | 4° C   |  |         |      |        |        |          |                           |      |         |       |   |
| Module Binning Range         | -2.5%  | 6 to 2.  | .5%     |      |        |        |          |                           |      |         |       |   |
| AC System Derate             | 0.50   | %  |         |      |        |        |          |                           |      |         |       |   |
| Module Characterizations     | Mod  | Module Uploaded By                               |         |      |        |        |          | Characterization          |      |         |       |   |
| module enalucterizations     | SPR-A410-G-AC Folsom Sunpower_SPR_A410_G_AC. (SunPower) Labs PAN |  |         |      |        |        |          | PAN,                      |      |         |       |   |
| Component                    | Devi   | ce   |         |      |        |        | Up<br>By | Jploaded Characterization |      |         | ation |   |
| Characterizations            | ٠,   | \-72-2<br>hase)                                  | -US (24 | (V0I | error) |        |          | Folsom<br>Labs Spec Sheet |      |         |       |   |

| ☐ Components    |  |                 |  |  |  |  |  |  |
|-----------------|--|-----------------|--|--|--|--|--|--|
| Component       | Name                                     | Count           |  |  |  |  |  |  |
| Inverters       | IQ7A-72-2-US (240V) (error)<br>(Enphase) | 10 (3.49<br>kW) |  |  |  |  |  |  |
| AC Panels       | 1 input AC Panel                         | 1               |  |  |  |  |  |  |
| AC Home<br>Runs | 500 MCM (Copper)                         | 1 (37.0 ft)     |  |  |  |  |  |  |
| AC Branches     | 10 AWG (Copper)                          | 1 (0.0 ft)      |  |  |  |  |  |  |
| Module          | SunPower, SPR-A410-G-AC (410W)           | 10 (4.10<br>kW) |  |  |  |  |  |  |

| Wiring Zones   |                      |             |             |            |             |                    |        |         |       |
|----------------|----------------------|-------------|-------------|------------|-------------|--------------------|--------|---------|-------|
| Description    | ption Combiner Poles |             | String Size |            |             | Stringing Strategy |        |         |       |
| Wiring Zone    |                      | -           |             | 1-1        |             | Along Racking      |        |         |       |
|                |                      |             |             |            |             |                    |        |         |       |
| Field Segments |                      |             |             |            |             |                    |        |         |       |
| Description    | Racking              | Orientation | Tilt Azir   | nuth Intra | row Spacing | Frame Size         | Frames | Modules | Power |

1x1

2.05 kW

2.05 kW

Field Segment 2 Flush Mount Portrait (Vertical) 0° 236.7683° 0.0 ft

Field Segment 2 Flush Mount Portrait (Vertical) 30° 57.21151° 0.0 ft



