



El Dorado County



Pro Forma #2 Feasibility Study

Scenarios Included in this Pro Forma:

#1 - NEM 2.0: Power Purchase Agreement

Summary of Results



| Financing Scenario | PPA Start Price | PPA Escalator | Cumulative Cash Position Year 1 | Cumulative Cash Position Years 1-10 | Cumulative Cash Position Years 1-20 | Years to Payback |
|--|-----------------|---------------|---------------------------------|-------------------------------------|-------------------------------------|------------------|
| #1 - NEM 2.0: Power Purchase Agreement | \$ 0.1450 | 0.00% | \$ (148,511) | \$ (20,605) | \$ 3,902,803 | n/a |

Project Portfolio



| Meter Name | Service Account ID | Meter Number | Current Rate | Proposed Rate | Program | Customer Usage (kWh) | Max Demand (kW) |
|---|--------------------|--------------|--------------|---------------|---------|----------------------|-----------------|
| #1 - Jail | 1211214916 | 1009485975 | E-19 | E-19 R | NEM | 1,761,026 | 475 |
| #2 - Bldg B | 1074701170 | 2P0969 | E-19 | E-19 R | NEM | 1,315,009 | 508 |
| #3 - Public Safety Facility | 9999999999 | 100 | E-19 | E-19 R | NEM | 1,017,878 | 641 |
| #4 - Septage Plant | 5293320588 | 1010001892 | E-19 | E-19 R | NEM | 1,237,211 | 373 |
| #5 - 2850 Fairlane Ct # C, @ Government-Ctr Placerville, Ca 95667 | 1074701626 | 1010076373 | A-10 TOU | E-19 R | NEM | 700,990 | 360 |
| #6 - Welfare Ofc | 6971565005 | 1009304723 | A-10 | E-19 R | NEM | 616,056 | 183 |
| #7 - Library / Placerville | 1074701212 | 1009974382 | A-10 TOU | E-19 R | NEM | 530,284 | 374 |
| #8 - Sr Family Serv Bldg | 2433826961 | 1008821922 | A-10 TOU | E-19 R | NEM | 279,614 | 188 |
| #9 - Clinic (NEM-A with # 8) | 2392160192 | 1009481268 | A-10 TOU | A-1 TOU | NEM | 115,576 | 65 |
| #10 - Office Space (NEM-A with # 8) | 2350493345 | 1006710086 | A-1 TOU | A-1 TOU | NEM | 45,500 | 31 |
| #11 - Child Support Office | 1279439334 | 1009504430 | A-10 TOU | A-1 TOU | NEM | 196,351 | 98 |
| #12 - Firehouse 28 (NEM-A with # 11) | 9563044018 | 1006717546 | A-1 TOU | A-1 TOU | NEM | 50,962 | 21 |
| #13 - Bldg A Addition | 1074701928 | 1008821578 | A-10 TOU | E-19 R | NEM | 221,595 | 119 |
| #14 - Hospital | 2475493209 | 1009486055 | A-10 TOU | E-19 R | NEM | 164,046 | 78 |
| Portfolio Totals | | | | | | 8,252,099 | 641 |

Project Savings



| Meter Name | Service Account ID | Customer Usage (kWh) | Solar Production (kWh) | Solar Sizing | Solar Array | | Solar Savings (\$/kWh) |
|---|--------------------|----------------------|------------------------|--------------|--------------|-------------------|------------------------|
| | | | | | Size (kW) | Solar Savings | |
| #1 - Jail | 1211214916 | 1,761,026 | 1,270,177 | 72% | 865 | \$ 167,039 | |
| #2 - Bldg B | 1074701170 | 1,315,009 | 1,014,984 | 77% | 691 | \$ 130,769 | |
| #3 - Public Safety Facility | 9999999999 | 1,017,878 | 738,875 | 73% | 503 | \$ 85,017 | |
| #4 - Septage Plant | 5293320588 | 1,237,211 | 734,206 | 59% | 500 | \$ 98,904 | |
| #5 - 2850 Fairlane Ct # C, @ Government-Ctr Placerville, Ca 95667 | 1074701626 | 700,990 | 558,264 | 80% | 380 | \$ 65,808 | |
| #6 - Welfare Ofc | 6971565005 | 616,056 | 464,146 | 75% | 316 | \$ 62,364 | |
| #7 - Library / Placerville | 1074701212 | 530,284 | 419,559 | 79% | 286 | \$ 45,373 | |
| #8 - Sr Family Serv Bldg | 2433826961 | 279,614 | 352,588 | 80% | 240 | \$ 24,930 | |
| #9 - Clinic (NEM-A with # 8) | 2392160192 | 115,576 | - | - | - | \$ 17,140 | |
| #10 - Office Space (NEM-A with # 8) | 2350493345 | 45,500 | - | - | - | \$ 6,357 | |
| #11 - Child Support Office | 1279439334 | 196,351 | 196,862 | 80% | 134 | \$ 25,101 | |
| #12 - Firehouse 28 (NEM-A with # 11) | 9563044018 | 50,962 | - | - | - | \$ 6,855 | |
| #13 - Bldg A Addition | 1074701928 | 221,595 | 176,294 | 80% | 120 | \$ 19,961 | |
| #14 - Hospital | 2475493209 | 164,046 | 130,645 | 80% | 89 | \$ 16,475 | |
| Totals | | 8,252,099 | 6,056,599 | 73% | 4,123 | \$ 772,092 | \$ 0.1275 |

Scenario Dashboard



Scenario: #1 - NEM 2.0: Power Purchase Agreement

| Technical Assumptions | |
|---------------------------------|---------------|
| Total Solar Project Size | 4.12 MW, DC |
| Annual Solar Yield | 1,469 kWh/kW |
| Year-1 Solar Production | 6,056,599 kWh |
| Annual Solar Degradation Factor | 0.50% |
| Number of PG&E Accounts | 14 |

| Avoided Cost & Revenue Sources | |
|---|---------------|
| Savings from Solar Production | \$0.1275 /kWh |
| Estimated Utility Energy Cost Escalator | 3.00% |
| Estimated Utility Demand Cost Escalator | 4.00% |
| Estimated Utility Fixed Cost Escalator | 1.00% |
| Average 20-year REC Price | \$0.0006 /kWh |

| PPA Assumptions | |
|----------------------|----------|
| PPA Rate | \$0.1450 |
| PPA Annual Escalator | 0.00% |

| Asset Management Services Assumptions | |
|--|---------------|
| Asset Management Services, Solar (PPA) | \$0.0070 /kWh |
| Asset Management Services Escalator | 3.00% |

| Total Net Benefit (20 years) | |
|---|----------------|
| Gross Project Benefit | \$21,796,349 |
| Operating Expenses | (\$1,139,202) |
| Power Purchase Agreement (PPA) Payments | (\$16,754,345) |
| Total Net Benefit | \$3,902,803 |

Cash Flow



Project: El Dorado County
Scenario: #1 - NEM 2.0: Power Purchase Agreement

| Term Year | Electricity | | Utility Savings | | Expenses | | | Net Savings | | Term |
|--------------|-------------------------------|--------------------------------|----------------------|---------------------------------|------------------------|--------------------------|-------------------------------------|----------------------|-------------------------|------|
| | Annual Solar Production (kWh) | Solar Savings per kWh Produced | Savings from Solar | Subtotal: Annual Gross Benefits | PPA Payments | Asset Management Service | Subtotal: Annual Operating Expenses | Net Benefits (Solar) | Cumulative Net Benefits | |
| 0 | - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | 0 |
| 1 | 6,056,599 | \$ 0.1275 | \$ 772,092 | \$ 772,092 | \$ (878,207) | \$ (42,396) | \$ (920,603) | \$ (148,511) | \$ (148,511) | 1 |
| 2 | 6,026,316 | \$ 0.1326 | \$ 799,050 | \$ 799,050 | \$ (873,816) | \$ (43,668) | \$ (917,484) | \$ (118,434) | \$ (266,945) | 2 |
| 3 | 5,996,184 | \$ 0.1379 | \$ 826,937 | \$ 826,937 | \$ (869,447) | \$ (44,978) | \$ (914,425) | \$ (87,488) | \$ (354,434) | 3 |
| 4 | 5,966,203 | \$ 0.1434 | \$ 855,784 | \$ 855,784 | \$ (865,099) | \$ (46,327) | \$ (911,427) | \$ (55,642) | \$ (410,076) | 4 |
| 5 | 5,936,372 | \$ 0.1492 | \$ 885,626 | \$ 885,626 | \$ (860,774) | \$ (47,717) | \$ (908,491) | \$ (22,865) | \$ (432,941) | 5 |
| 6 | 5,906,690 | \$ 0.1552 | \$ 916,497 | \$ 916,497 | \$ (856,470) | \$ (49,149) | \$ (905,619) | \$ 10,878 | \$ (422,063) | 6 |
| 7 | 5,877,157 | \$ 0.1614 | \$ 948,431 | \$ 948,431 | \$ (852,188) | \$ (50,623) | \$ (902,811) | \$ 45,620 | \$ (376,444) | 7 |
| 8 | 5,847,771 | \$ 0.1678 | \$ 981,465 | \$ 981,465 | \$ (847,927) | \$ (52,142) | \$ (900,069) | \$ 81,396 | \$ (295,048) | 8 |
| 9 | 5,818,532 | \$ 0.1746 | \$ 1,015,637 | \$ 1,015,637 | \$ (843,687) | \$ (53,706) | \$ (897,393) | \$ 118,243 | \$ (176,805) | 9 |
| 10 | 5,789,440 | \$ 0.1815 | \$ 1,050,986 | \$ 1,050,986 | \$ (839,469) | \$ (55,317) | \$ (894,786) | \$ 156,200 | \$ (20,605) | 10 |
| 11 | 5,760,492 | \$ 0.1888 | \$ 1,087,552 | \$ 1,087,552 | \$ (835,271) | \$ (56,977) | \$ (892,248) | \$ 195,304 | \$ 174,699 | 11 |
| 12 | 5,731,690 | \$ 0.1963 | \$ 1,125,379 | \$ 1,125,379 | \$ (831,095) | \$ (58,686) | \$ (889,781) | \$ 235,597 | \$ 410,296 | 12 |
| 13 | 5,703,032 | \$ 0.2042 | \$ 1,164,508 | \$ 1,164,508 | \$ (826,940) | \$ (60,447) | \$ (887,386) | \$ 277,121 | \$ 687,418 | 13 |
| 14 | 5,674,516 | \$ 0.2124 | \$ 1,204,984 | \$ 1,204,984 | \$ (822,805) | \$ (62,260) | \$ (885,065) | \$ 319,919 | \$ 1,007,337 | 14 |
| 15 | 5,646,144 | \$ 0.2208 | \$ 1,246,855 | \$ 1,246,855 | \$ (818,691) | \$ (64,128) | \$ (882,819) | \$ 364,036 | \$ 1,371,373 | 15 |
| 16 | 5,617,913 | \$ 0.2297 | \$ 1,290,167 | \$ 1,290,167 | \$ (814,597) | \$ (66,052) | \$ (880,649) | \$ 409,518 | \$ 1,780,891 | 16 |
| 17 | 5,589,823 | \$ 0.2388 | \$ 1,334,971 | \$ 1,334,971 | \$ (810,524) | \$ (68,033) | \$ (878,558) | \$ 456,413 | \$ 2,237,304 | 17 |
| 18 | 5,561,874 | \$ 0.2484 | \$ 1,381,318 | \$ 1,381,318 | \$ (806,472) | \$ (70,074) | \$ (876,546) | \$ 504,771 | \$ 2,742,075 | 18 |
| 19 | 5,534,065 | \$ 0.2583 | \$ 1,429,260 | \$ 1,429,260 | \$ (802,439) | \$ (72,177) | \$ (874,616) | \$ 554,644 | \$ 3,296,719 | 19 |
| 20 | 5,506,395 | \$ 0.2686 | \$ 1,478,853 | \$ 1,478,853 | \$ (798,427) | \$ (74,342) | \$ (872,769) | \$ 606,084 | \$ 3,902,803 | 20 |
| | 115,547,209 | | \$ 21,796,349 | \$ 21,796,349 | \$ (16,754,345) | \$ (1,139,202) | \$ (17,893,547) | \$ 3,902,803 | \$ 3,902,803 | |

Disclaimers and Assumptions

- 1) The CPUC is in the process of developing guidelines for the transition of time of use periods, and changes made may affect projected savings. 15 min interval data is necessary to fully investigate the TOU shift impacts. All investigations of the TOU shift impacts are preliminary until the PG&E rate case has been finalized with the CPUC. Solar avoided cost has been reduced by 25% to estimate the impact of the TOU shift.
- 2) Projections of future savings are calculated based on patterns of previous electricity usage with billing data from July 2017, and assume that historical usage patterns hold at the same level over the life of the project.
- 3) Projections based on stated assumptions. Final solar project size and costs will be based on site audit results.
- 4) Projections are subject to tariff eligibility over the life of the installation. This analysis uses PG&E rates published January 2011.
- 5) System size (kW) will be confirmed upon site audit and is subject to real estate availability and electrical service capacity. This analysis assumes the electrical service will not require significant upgrades.
- 6) Projections are based on interconnection of all sites under NEM 2.0 tariff. Remaining capacity under NEM 2.0 is subject to availability.
- 7) Net Operating Benefit does not include repayment of any client capital that may be invested.
- 8) NEM-A analysis assumes the client solely owns contiguous parcels where the benefitting meters exist.
- 9) Some meters included in this portfolio are recommended to switch to a lower-tiered tariff than currently assigned by PG&E. This rate switch needs to be confirmed with the utility.
- 10) The Public Safety Facility (SAID: 999999999) is a new proposed meter with an kWh load estimated in initial 2015 Solar Feasibility Study for the County of El Dorado. The same assumptions have been used here to show proposed solar at the new building.





El Dorado County



Pro Forma #2 Feasibility Study

Scenarios Included in this Pro Forma:

#1 - RES-BCT: Power Purchase Agreement

Summary of Results



| Financing Scenario | PPA Start Price | PPA Escalator | Cumulative Cash Position Year 1 | Cumulative Cash Position Years 1-10 | Cumulative Cash Position Years 1-20 | Years to Payback |
|--|-----------------|---------------|---------------------------------|-------------------------------------|-------------------------------------|------------------|
| #1 - RES-BCT: Power Purchase Agreement | \$ 0.1200 | 0.00% | \$ 69,339 | \$ 1,600,111 | \$ 5,651,071 | n/a |

Project Portfolio



| Meter Name | Service Account ID | Meter Number | Current Rate | Proposed Rate | Program | Customer Usage (kWh) | Max Demand (kW) |
|--|--------------------|--------------|--------------|---------------|---------|----------------------|-----------------|
| #1 - Generation Meter | 55555555 | 2000000 | A-1 TOU | A-6 | RES-BCT | 8 | 0 |
| #2 - Jail (RES-BCT with # 1) | 1211214916 | 1009485975 | E-19 | A-10 TOU | RES-BCT | 1,761,026 | 475 |
| #3 - Bldg B (RES-BCT with # 1) | 1074701170 | 2P0969 | E-19 | A-10 TOU | RES-BCT | 1,315,009 | 508 |
| #4 - Septage Plant (RES-BCT with # 1) | 5293320588 | 1010001892 | E-19 | A-10 TOU | RES-BCT | 1,237,211 | 373 |
| #5 - 2850 Fairlane Ct # C, @ Government-Ctr Placerville, Ca 95667 (RES-BCT with # 1) | 1074701626 | 1010076373 | A-10 TOU | A-10 TOU | RES-BCT | 700,990 | 360 |
| #6 - Welfare Ofc (RES-BCT with # 1) | 6971565005 | 1009304723 | A-10 | A-10 TOU | RES-BCT | 616,056 | 183 |
| #7 - Library / Placerville (RES-BCT with # 1) | 1074701212 | 1009974382 | A-10 TOU | A-10 TOU | RES-BCT | 530,284 | 374 |
| #8 - Sr Family Serv Bldg (RES-BCT with # 1) | 2433826961 | 1008821922 | A-10 TOU | A-10 TOU | RES-BCT | 279,614 | 188 |
| #9 - Bldg A Addition (RES-BCT with # 1) | 1074701928 | 1008821578 | A-10 TOU | A-10 TOU | RES-BCT | 221,595 | 119 |
| #10 - Child Support Office (RES-BCT with # 1) | 1279439334 | 1009504430 | A-10 TOU | A-10 TOU | RES-BCT | 196,351 | 98 |
| #11 - Hospital (RES-BCT with # 1) | 2475493209 | 1009486055 | A-10 TOU | A-10 TOU | RES-BCT | 164,046 | 78 |
| #12 - Clinic (RES-BCT with # 1) | 2392160192 | 1009481268 | A-10 TOU | A-1 TOU | RES-BCT | 115,576 | 65 |
| #13 - Firehouse 28 (RES-BCT with # 1) | 9563044018 | 1006717546 | A-1 TOU | A-1 TOU | RES-BCT | 50,962 | 21 |
| #14 - Office Space (RES-BCT with # 1) | 2350493345 | 1006710086 | A-1 TOU | A-1 TOU | RES-BCT | 45,500 | 31 |
| Portfolio Totals | | | | | | 7,234,228 | 641 |

Project Savings



| Meter Name | Service Account ID | Customer Usage (kWh) | Solar Production (kWh) | Solar Sizing | Solar Array | | Solar Savings (\$/kWh) |
|--|--------------------|----------------------|------------------------|--------------|--------------|------------------|------------------------|
| | | | | | Size (kW) | Solar Savings | |
| #1 - Generation Meter | 555555555 | 8 | 3,434,658 | 47% | 1,750 | \$ 505,540 | \$ 0.1472 |
| #2 - Jail (RES-BCT with # 1) | 1211214916 | 1,761,026 | - | - | - | | |
| #3 - Bldg B (RES-BCT with # 1) | 1074701170 | 1,315,009 | - | - | - | | |
| #4 - Septage Plant (RES-BCT with # 1) | 5293320588 | 1,237,211 | - | - | - | | |
| #5 - 2850 Fairlane Ct # C, @ Government-Ctr Placerville, Ca 95667 (RES-BCT with # 1) | 1074701626 | 700,990 | - | - | - | | |
| #6 - Welfare Ofc (RES-BCT with # 1) | 6971565005 | 616,056 | - | - | - | | |
| #7 - Library / Placerville (RES-BCT with # 1) | 1074701212 | 530,284 | - | - | - | | |
| #8 - Sr Family Serv Bldg (RES-BCT with # 1) | 2433826961 | 279,614 | - | - | - | | |
| #9 - Bldg A Addition (RES-BCT with # 1) | 1074701928 | 221,595 | - | - | - | | |
| #10 - Child Support Office (RES-BCT with # 1) | 1279439334 | 196,351 | - | - | - | | |
| #11 - Hospital (RES-BCT with # 1) | 2475493209 | 164,046 | - | - | - | | |
| #12 - Clinic (RES-BCT with # 1) | 2392160192 | 115,576 | - | - | - | | |
| #13 - Firehouse 28 (RES-BCT with # 1) | 9563044018 | 50,962 | - | - | - | | |
| #14 - Office Space (RES-BCT with # 1) | 2350493345 | 45,500 | - | - | - | | |
| Totals | | 7,234,228 | 3,434,658 | 47% | 1,750 | \$674,054 | \$ 0.1472 |

Scenario Dashboard



Scenario: #1 - RES-BCT: Power Purchase Agreement

| Technical Assumptions | |
|---------------------------------|---------------|
| Total Solar Project Size | 1.75 MW, DC |
| Annual Solar Yield | 1,963 kWh/kW |
| Year-1 Solar Production | 3,434,658 kWh |
| Annual Solar Degradation Factor | 0.50% |
| Number of PG&E Accounts | 14 |

| Avoided Cost & Revenue Sources | |
|---|---------------|
| Savings from Solar Production | \$0.1472 /kWh |
| Estimated Utility Energy Cost Escalator | 3.00% |
| Estimated Utility Demand Cost Escalator | 4.00% |
| Estimated Utility Fixed Cost Escalator | 1.00% |
| Average 20-year REC Price | \$0.0006 /kWh |

| PPA Assumptions | |
|----------------------|----------|
| PPA Rate | \$0.1200 |
| PPA Annual Escalator | 0.00% |

| Asset Management Services Assumptions | |
|--|---------------|
| Asset Management Services, Solar (PPA) | \$0.0070 /kWh |
| Asset Management Services Escalator | 3.00% |

| Total Net Benefit (20 years) | |
|---|---------------|
| Gross Project Benefit | \$14,160,233 |
| Operating Expenses | (\$646,034) |
| Power Purchase Agreement (PPA) Payments | (\$7,863,128) |
| Total Net Benefit | \$5,651,071 |

Cash Flow



Project: El Dorado County
Scenario: #1 - RES-BCT: Power Purchase Agreement

| Term Year | Electricity | | Utility Savings | | Expenses | | | Net Savings | | Term |
|--------------|-------------------------------|--------------------------------|----------------------|---------------------------------|-----------------------|--------------------------|-------------------------------------|----------------------|-------------------------|------|
| | Annual Solar Production (kWh) | Solar Savings per kWh Produced | Savings from Solar | Subtotal: Annual Gross Benefits | PPA Payments | Asset Management Service | Subtotal: Annual Operating Expenses | Net Benefits (Solar) | Cumulative Net Benefits | |
| 0 | - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | 0 |
| 1 | 3,434,658 | \$ 0.1472 | \$ 505,540 | \$ 505,540 | \$ (412,159) | \$ (24,043) | \$ (436,202) | \$ 69,339 | \$ 69,339 | 1 |
| 2 | 3,417,484 | \$ 0.1530 | \$ 522,785 | \$ 522,785 | \$ (410,098) | \$ (24,764) | \$ (434,862) | \$ 87,923 | \$ 157,261 | 2 |
| 3 | 3,400,397 | \$ 0.1590 | \$ 540,613 | \$ 540,613 | \$ (408,048) | \$ (25,507) | \$ (433,554) | \$ 107,059 | \$ 264,320 | 3 |
| 4 | 3,383,395 | \$ 0.1652 | \$ 559,045 | \$ 559,045 | \$ (406,007) | \$ (26,272) | \$ (432,279) | \$ 126,766 | \$ 391,086 | 4 |
| 5 | 3,366,478 | \$ 0.1717 | \$ 578,102 | \$ 578,102 | \$ (403,977) | \$ (27,060) | \$ (431,038) | \$ 147,064 | \$ 538,150 | 5 |
| 6 | 3,349,646 | \$ 0.1785 | \$ 597,804 | \$ 597,804 | \$ (401,957) | \$ (27,872) | \$ (429,829) | \$ 167,974 | \$ 706,125 | 6 |
| 7 | 3,332,897 | \$ 0.1855 | \$ 618,173 | \$ 618,173 | \$ (399,948) | \$ (28,708) | \$ (428,656) | \$ 189,517 | \$ 895,642 | 7 |
| 8 | 3,316,233 | \$ 0.1928 | \$ 639,232 | \$ 639,232 | \$ (397,948) | \$ (29,569) | \$ (427,517) | \$ 211,714 | \$ 1,107,356 | 8 |
| 9 | 3,299,652 | \$ 0.2003 | \$ 661,004 | \$ 661,004 | \$ (395,958) | \$ (30,456) | \$ (426,415) | \$ 234,589 | \$ 1,341,945 | 9 |
| 10 | 3,283,153 | \$ 0.2082 | \$ 683,514 | \$ 683,514 | \$ (393,978) | \$ (31,370) | \$ (425,349) | \$ 258,165 | \$ 1,600,111 | 10 |
| 11 | 3,266,738 | \$ 0.2164 | \$ 706,786 | \$ 706,786 | \$ (392,009) | \$ (32,311) | \$ (424,320) | \$ 282,466 | \$ 1,882,577 | 11 |
| 12 | 3,250,404 | \$ 0.2248 | \$ 730,846 | \$ 730,846 | \$ (390,048) | \$ (33,281) | \$ (423,329) | \$ 307,517 | \$ 2,190,094 | 12 |
| 13 | 3,234,152 | \$ 0.2337 | \$ 755,722 | \$ 755,722 | \$ (388,098) | \$ (34,279) | \$ (422,377) | \$ 333,344 | \$ 2,523,438 | 13 |
| 14 | 3,217,981 | \$ 0.2428 | \$ 781,440 | \$ 781,440 | \$ (386,158) | \$ (35,307) | \$ (421,465) | \$ 359,975 | \$ 2,883,413 | 14 |
| 15 | 3,201,891 | \$ 0.2524 | \$ 808,029 | \$ 808,029 | \$ (384,227) | \$ (36,367) | \$ (420,594) | \$ 387,435 | \$ 3,270,848 | 15 |
| 16 | 3,185,882 | \$ 0.2623 | \$ 835,519 | \$ 835,519 | \$ (382,306) | \$ (37,458) | \$ (419,763) | \$ 415,755 | \$ 3,686,604 | 16 |
| 17 | 3,169,952 | \$ 0.2725 | \$ 863,940 | \$ 863,940 | \$ (380,394) | \$ (38,581) | \$ (418,976) | \$ 444,964 | \$ 4,131,568 | 17 |
| 18 | 3,154,103 | \$ 0.2832 | \$ 893,324 | \$ 893,324 | \$ (378,492) | \$ (39,739) | \$ (418,231) | \$ 475,093 | \$ 4,606,661 | 18 |
| 19 | 3,138,332 | \$ 0.2943 | \$ 923,704 | \$ 923,704 | \$ (376,600) | \$ (40,931) | \$ (417,531) | \$ 506,173 | \$ 5,112,834 | 19 |
| 20 | 3,122,640 | \$ 0.3059 | \$ 955,113 | \$ 955,113 | \$ (374,717) | \$ (42,159) | \$ (416,876) | \$ 538,237 | \$ 5,651,071 | 20 |
| | 65,526,068 | | \$ 14,160,233 | \$ 14,160,233 | \$ (7,863,128) | \$ (646,034) | \$ (8,509,162) | \$ 5,651,071 | \$ 5,651,071 | |

Disclaimers and Assumptions

- 1) The CPUC is in the process of developing guidelines for the transition of time of use periods, and changes made may affect projected savings. 15 min interval data is necessary to fully investigate the TOU shift impacts. All investigations of the TOU shift impacts are preliminary until the PG&E rate case has been finalized with the CPUC. 15 min interval data is necessary to fully investigate the TOU shift impacts. Solar avoided cost has been reduced by 25% to estimate the impact of TOU shift.
- 2) Projections of future savings are calculated based on patterns of previous electricity usage with billing data from July 2017, and assume that historical usage patterns hold at the same level over the life of the project.
- 3) Projections based on stated assumptions. Final solar project size and costs will be based on site audit results.
- 4) Projections are subject to tariff eligibility over the life of the installation. This analysis uses PG&E rates published March 2017.
- 5) System size (kW) will be confirmed upon site audit and is subject to real estate availability and electrical service capacity. This analysis assumes the electrical service will not require significant upgrades.
- 6) Projections are based on interconnection of all sites under NEM 2.0 tariff.
- 7) Net Operating Benefit does not include repayment of any client capital that may be invested.
- 8) Some meters included in this portfolio are recommended to switch to a lower-tiered tariff than currently assigned by PG&E. This rate switch needs to be confirmed with the utility.
- 9) Generation Meter (SAID: 55555555), is a proposed meter to generate the RES-BCT array with no load so it can have A-6 benefits.

