**COMMISSIONERS**
*COUNTY OF COLUSA:*
GARY EVANS
KENT BOES
DAURICE K. SMITH,
VICE-CHAIR
*City Colusa:*
DENISE CONRADO
GREG PONCIANO
*City of Williams:*
FRANK KENNEDY, CHAIR

COUNTY OF COLUSA
TRANSPORTATION COMMISSION &
TRANSIT AGENCY
1215 MARKET STREET,
COLUSA, CA 95932
TELEPHONE 530-458-0508
FAX (530) 458-2035
Michael Azevedo,
Public Works Director
colusacountyca.iqm2.com
www.countyofcolusa.org

COLUSA COUNTY TRANSPORTATION COMMISSION
&
TRANSIT AGENCY

# Agenda

June 20, 2023

Colusa County Board of Supervisors Chambers
546 Jay Street, Suite 108
Colusa, CA 95932

**3:00 p.m.** CALL TO ORDER/ROLL CALL

**I.** PERIOD OF PUBLIC COMMENT (TRANSIT AND/OR TRANSPORTATION)

**II.** MINUTES APPROVAL
1. Minutes Approval
Transportation Commission & Transit Agency – Regular Meeting – May 23, 2023.

**III.** REPORTS (TRANSIT AND/OR TRANSPORTATION)
1. Executive Director
2. Transit Manager
3. Caltrans
4. City of Colusa
5. City of Williams
6. California Highway Patrol

**IV.** SITTING AS THE COLUSA COUNTY TRANSPORTATION COMMISSION
1. Adopt a Resolution Apportioning Local Transportation Funds For The 2023-2024 Fiscal Year.

2. Adopt a Resolution for the Distribution of the Local Transportation Funds for Fiscal Year 2023-2024.

3. Adopt a Resolution for the Allocation of State Transit Assistance Funds For Fiscal Year 2023-2024.

4. Approve FY 2023/2024 Preliminary Budgets in the amount of $1,484,789. for the Local Transportation Fund, State Transit Assistance Fund, and Local

Transportation Planning Fund.

**V.** SITTING AS THE COLUSA COUNTY TRANSIT AGENCY

1. Approve FY 2023/2024 Preliminary Budget in the amount of $2,158,728 for the Transit Agency Fund.

2. Approve an Interconnection Agreement (IA) with **Pacific Gas and Electric Company (PG&E)** for the purpose of connecting a photovoltaic system with a capacity of 1,000kw or less to the power grid and authorize the Executive Director to sign.

**ADJOURN**

**PERIOD OF PUBLIC COMMENT:** Any person may speak about any subject of concern, provided it is within the purview of the Transportation Commission and Transit Agency and is not already on today's agenda. The total amount of time allotted for receiving such public communication shall be limited to a total of **15 minutes per issue** and each individual or group will be limited to no more than **5 minutes each**. **Note:** No Board action shall be taken on comments received.

ADA COMPLIANCE: Upon request, Agendas will be made available in alternative formats to accommodate persons with disabilities. In addition, any person with a disability who requires a modification or accommodation to participate or attend this meeting may request necessary accommodation. Please make your request to the County Board Clerk, specifying your disability, the format in which you would like to receive this Agenda, and any other accommodation required no later than 24 hours prior to the start of the meeting.

**DISCLOSURE OF CAMPAIGN CONTRIBUTIONS:** Pursuant to Government Code section 84308, members of the Transportation Commission and Transit Agency are disqualified and not able to participate in any agenda item involving contracts (other than competitively bid, labor, or personal employment contracts), franchises, discretionary land use permits and other entitlements if the Committee member received more than $250 in campaign contributions from the applicant or contractor, an agent of the applicant or contractor, or any financially interested participant who actively supports or opposes the Commission's decision on the agenda item since January 1, 2023. Members of the Transportation Commission and Transit Agency who have received, and applicants, contractors or their agents who have made, campaign contributions totaling more than $250 to a Committee member since January 1, 2023, are required to disclose that fact for the official record of the subject proceeding. Disclosures must include the amount of the campaign contribution and identify the recipient Committee member and may be made either in writing to the Secretary of the Transportation Commission and Transit Agency prior to the subject hearing or by verbal disclosure at the time of the hearing.

All supporting documentation is available for public inspection and review in the Office of the Board Clerk, 547 Market Street, Suite 102, Colusa, CA 95932 during regular business hours 8:30 a.m. to 5:00 p.m., Monday through Friday.

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**Transportation Commission & Transit Agency**
**Board Chambers**
**546 Jay Street, Suite 108**
**Colusa, CA 95932**

# Minutes

May 23, 2023

The Colusa County Transportation Committee (CCTC) and the Colusa County Transit Agency (CCTA) meet in Regular Session this 23rd day of May 2023 at the hour of 3:02 p.m. Present: Commissioners Daurice K. Smith, Kent S. Boes, Gary J. Evans, Denise Conrado and Frank Kennedy. Absent: Commissioner Greg Ponciano.

**I.** PERIOD OF PUBLIC COMMENT (TRANSIT AND/OR TRANSPORTATION)

None.

**II.** MINUTES APPROVAL

1. Minutes Approval

Transportation Commission & Transit Agency – Regular Meeting – March 28, 2023.

| | |
|---|---|
| **RESULT:** | **APPROVED [UNANIMOUS]** |
| **MOVER:** | Conrado |
| **SECONDER:** | Evans |
| **AYES:** | Kennedy, Smith, Boes, Evans, Conrado |
| **ABSENT:** | Ponciano |

2. Minutes Approval

Transportation Commission & Transit Agency – Special Meeting – May 2, 2023.

| | |
|---|---|
| **RESULT:** | **APPROVED [UNANIMOUS]** |
| **MOVER:** | Evans |
| **SECONDER:** | Smith |
| **AYES:** | Kennedy, Smith, Evans, Conrado |
| **ABSTAIN:** | Boes |
| **ABSENT:** | Ponciano |

**III.** REPORTS (TRANSIT AND/OR TRANSPORTATION)

1. Executive Director

Mr. Azevedo states he will be meeting with the new area CHP Commander in July 2023 regarding road issues.

2. Transit Manager

Mr. Rogers states two Transit drivers were recently hired and updates the Commission on the ridership numbers.

3. Caltrans

None.

4. City of Colusa

Ms. Conrado states the Affordable Housing project and the ARCO/Taco Bell project are planned to start in June 2023. She states this will cause a lot of traffic in the area.

5. City of Williams

None.

6. California Highway Patrol

None.

**IV.** SITTING AS THE COLUSA COUNTY TRANSPORTATION COMMISSION

1. Authorize the allocation of FY 2022/2023 Regional Surface Transportation Program Funds, in the amount of $198,835 by population as follows:

| | | |
|---|---|---|
| City of Williams | (26%) | $51,697. |
| City of Colusa | (29%) | $57,662. |
| County of Colusa | (45%) | $89,476. |

Comments received by Mr. Azevedo.

| | |
|---|---|
| **RESULT:** | **APPROVED [UNANIMOUS]** |
| **MOVER:** | Smith |
| **SECONDER:** | Conrado |
| **AYES:** | Kennedy, Smith, Boes, Evans, Conrado |
| **ABSENT:** | Ponciano |

2. Approve FY 2022-23 Revenue and Appropriations Inter-Budget Adjustment No. IB-024. (**Requires 5/6th vote)**

Comments received by Mr. Azevedo.

| | |
|---|---|
| **RESULT:** | **APPROVED [UNANIMOUS]** |
| **MOVER:** | Smith |
| **SECONDER:** | Boes |
| **AYES:** | Kennedy, Smith, Boes, Evans, Conrado |
| **ABSENT:** | Ponciano |

3. Approve the purchase of two new Glaval Buses with Master's Transportation Bus Sales using the PTIMESA & SGR SB1 Purchasing Cooperative Agreement, and make a finding that competitive bidding is not in the best interest of the public.

Comments received by Mr. Azevedo.

| | |
|---|---|
| **RESULT:** | **APPROVED [UNANIMOUS]** |
| **MOVER:** | Smith |
| **SECONDER:** | Conrado |
| **AYES:** | Kennedy, Smith, Boes, Evans, Conrado |
| **ABSENT:** | Ponciano |

Chair Kennedy adjourned the meeting at 3:13 p.m. to reconvene in Regular Session on June 20, 2023 at the hour of 3:00 p.m.

____________________________
Frank Kennedy, Chair

Attest: Michael Azevedo,
Secretary to the Transportation Commission & Transit Agency

BY____________________________
Patricia Rodriguez, Deputy Clerk

Minutes Acceptance: Minutes of May 23, 2023 3:00 PM (Minutes Approval)

COUNTY OF COLUSA, CA 4.1

**Request For Transportation Commission and Transit Agency**

| | |
|---|---|
| **MEETING DATE:** | **June 20, 2023** |
| **DEPARTMENT:** | **Transportation Commission** |
| **FROM:** | **Kirsten Montejano** |
| **SUBJECT:** | **Adopt Resolution to Set Apportionment Rates for Local Transportation Funds for Fiscal Year 2023-2024** |

Adopt a Resolution Apportioning Local Transportation Funds For The 2023-2024 Fiscal Year.

## Detailed Description/Background of request

Section 99230 of the Public Utilities Code requires annual determination of the amounts of Local Transportation Funds to be allocated, or apportioned to each claimant. In line with this, the Colusa County Transportation Commission has established rules and regulations, consistent with existing law, whereby any funds in the Transportation accounts, which remain after necessary expenditures and administration, planning and unmet transit needs have been allocated, will be apportioned to the unincorporated areas of the County, and the incorporated Cities of Colusa and Williams in accordance with their populations.

For this resolution, the population estimates of California cities and counties determined by the California Department of Finance Table E-1, "City/County Population Estimates with Annual Percentage Change Jan. 1, 2022 and 2023" are utilized and summarized below:

| | |
|---|---|
| City of Williams | 5,568 |
| City of Colusa | 6,428 |
| County of Colusa (Uninc.) | 9,775 |

Based on these populations, the percentage of the unallocated funds shall be apportioned as follows:

| | |
|---|---|
| City of Williams | 26% |
| City of Colusa | 29% |
| County of Colusa (Uninc.) | 45% |

## Prior Board Action

None

## Fiscal Impact/Funding Source

To Be Determined. Revenue based on actual Local Transportation Funds available.

## Action for the Clerk

Please provide a fully executed copy of the resolution to DPW.

**ATTACHMENTS:**

- Apportioning Local Transportation Funds for FY23-24 (DOC)

# RESOLUTION NO. -_____

## A RESOLUTION OF THE COLUSA COUNTY TRANSPORTATION COMMISSION APPORTIONING LOCAL TRANSPORTATION FUNDS FOR THE 2023-2024 FISCAL YEAR

**WHEREAS**, Section 99230 of the Public Utilities Code requires annual determination of the amounts to be allocated to each claimant;

**WHEREAS**, the Colusa County Transportation Commission has established rules and regulations, consistent with existing law, whereby any funds in the Transportation accounts, which remain after necessary expenditures and administration, planning and unmet transit needs have been allocated, will be apportioned to the unincorporated areas of the County, and the incorporated Cities of Colusa and Williams in accordance with their populations.

**WHEREAS**, the population estimates of California cities and counties determined by the California Department of Finance Table E-1, "City/County Population Estimates with Annual Percentage Change Jan 1. 2022 and 2023" are utilized in this determination and summarized below:

| | |
|---|---|
| City of Williams | 5,568 |
| City of Colusa | 6,428 |
| County of Colusa (Uninc.) | 9,775 |

**WHEREAS**, based on these populations, the percentage of the unallocated funds shall be apportioned as follows:

| | |
|---|---|
| City of Williams | 26% |
| City of Colusa | 29% |
| County of Colusa (Uninc.) | 45% |

**NOW, THEREFORE, BE IT RESOLVED** that these percentages for population apportionment be adopted for use during the 2023-2024 fiscal year.

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**PASSED AND ADOPTED** this 20th day of June, 2023 by the following vote:

**AYES:**

**NOES:**

**ABSENT:**

______________________________
, Chair

**ATTEST:** Michael Azevedo, Clerk of the
Colusa County Transportation Commission &
Transit Agency

By ______________________________
Patricia Rodriguez, Deputy Clerk

**APPROVED AS TO FORM**:

______________________________
Jennifer K. Sutton, Senior Deputy County Counsel

COUNTY OF COLUSA, CA 4.2

**Request For Transportation Commission and Transit Agency**

| | |
|---|---|
| **MEETING DATE:** | **June 20, 2023** |
| **DEPARTMENT:** | **Transportation Commission** |
| **FROM:** | **Kirsten Montejano** |
| **SUBJECT:** | **Adopt a Resolution for the Distribution of Local Transportation Funds for Fiscal Year 2023-2024** |

Adopt a Resolution for the Distribution of the Local Transportation Funds for Fiscal Year 2023-2024.

## Detailed Description/Background of request

The Transportation Development Act (TDA) of 1971, also known as SB325, provides funding to be allocated to transit and non-transit related purposes that comply with regional transportation plans. One of these sources of funding is Local Transportation Funds (LTF) which is derived from a 1/4 cent of sales tax. The TDA Public Utility Code (PUC) outlines the purposes & priorities of LTF use by local planning agencies. Under Article 4 of the PUC, LTF money is available for transit services and is prioritized over Article 8 use for local streets and roads. Distributions for local streets and roads may not be made without development of Unmet Transit Needs findings and documentation.

This resolution authorizes the distribution of Local Transportation Funds (LTF) based on the following:

1. Transit Agency receives LTF not to exceed $881,000.00 without authorization of the Commission.

2. LTF contingency amounts shall be designated and distributed by the Commission under Article 4 on an as needed basis.

3. $150,000. of LTF shall be rolled over annually and maintained at the assigned amount for cash flow purposes.

4. The remainder of LTF may be distributed for local streets and roads as apportioned by the Commission after the determination of Unmet Transit Needs findings and documentation.

## Prior Board Action

None

## Fiscal Impact/Funding Source
Estimated $881,000.

## Action for the Clerk
Please provide a fully executed copy of the resolution to DPW.

**ATTACHMENTS:**

- Distribution of Local Transportation Funds for FY23-24 (DOC)

# RESOLUTION NO. -_____

## A RESOLUTION OF THE COLUSA COUNTY TRANSPORTATION COMMISSION FOR THE DISTRIBUTION OF THE LOCAL TRANSPORTATION FUNDS FOR FISCAL YEAR 2023-2024

**WHEREAS**, the Transportation Development Act of 1971, also known as SB325, establishes the distribution of Local Transportation Funds through the local planning agency under Article 8 and Article 4 of the Act;

**WHEREAS**, Article 4 establishes claims for Local transportation Funds from the transportation planning agency by operators of public transportation systems;

**WHEREAS**, Article 8 establishes claims for Local Transportation Funds from the local transportation planning agency for local streets and roads; and

**WHEREAS**, Local Transportation Funds may not be distributed under Article 8 without development of Unmet Transit Needs findings and documentation.

**NOW, THEREFORE, BE IT RESOLVED** that the Colusa County Transportation Commission (Commission) authorizes the following prerequisites for distribution of Local Transportation Funds under Article 4 and Article 8 of the Transportation Development Act of 1971;

1. The Colusa County Transit Agency receives Local Transportation Funds not to exceed the amount of $881,000 without authorization of the Commission.

2. Local Transportation Fun contingency amounts shall be designated and distributed by action of the commission under Article 4 on an as needed basis.

3. $150,000 of Local Transportation Funds shall be rolled over annually and maintained at the assigned amount for cash flow purposes.

4. The remainder of the Local Transportation Funds shall be distributed as apportioned by the Commission under Article 8 after the determination of Unmet Transit Needs findings and documentation.

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**PASSED AND ADOPTED** this 20th day of June, 2023 by the following vote:

**AYES:**

**NOES:**

**ABSENT:**

______________________________
, Chair
Transportation Commission

**ATTEST:** Michael Azevedo, Clerk to the
Colusa County Transportation Commission &
Transit Agency

By______________________________
Patricia Rodriguez, Deputy Clerk

**APPROVED AS TO FORM**:

______________________________
Jennifer K Sutton, Senior Deputy County Counsel

COUNTY OF COLUSA, CA 4.3

**Request For Transportation Commission and Transit Agency**

| | |
|---|---|
| **MEETING DATE:** | **June 20, 2023** |
| **DEPARTMENT:** | **Transportation Commission** |
| **FROM:** | **Kirsten Montejano** |
| **SUBJECT:** | **Adopt Resolution for the Allocation of State Transit Assistance Funds for Fiscal Year 2023 - 2024** |

Adopt a Resolution for the Allocation of State Transit Assistance Funds For Fiscal Year 2023-2024.

## Detailed Description/Background of request

The State Transit Assistance (STA) fund was created under Chapter 161 of the Statutes of 1979 (SB620), and revised by Chapter 322 of the Statutes of 1982 (AB 2551), and Chapter 105 of the Statutes of 1989 (SB 300). The funds for the program are derived from sales tax on diesel fuel and are deposited by the State controller to the County STA fund. The funds are allocated to Transit operations and must be made in accordance with the allocation instructions in a resolution adopted by the Transportation Commission.

With the passage of this resolution, the Colusa County Transportation Commission authorizes the payment of State Transit Assistance Funds to the Transit Agency as soon as funds are made available by the State.

## Prior Board Action

None

## Fiscal Impact/Funding Source

State Estimate of STA funds $271,767.

## Action for the Clerk

Please provide a fully executed copy of the resolution to DPW.

## ATTACHMENTS:

- STA Allocation FY23-24 (DOC)

**RESOLUTION NO. -_____**

**A RESOLUTION OF THE COLUSA COUNTY TRANSPORTATION COMMISSION FOR THE ALLOCATION OF STATE TRANSIT ASSISTANCE FUNDS FOR FISCAL YEAR 2023-2024**

**WHEREAS**, The State Transit Assistance (STA) fund was created under Chapter 161 of the Statutes of 1979 (SB20), and revised by Chapter 322 of the Statutes of 1982 (AB 2551), and Chapter 105 of the Statutes of 1989 (SB300);

**WHEREAS**, the funds for the program are derived from statewide sales tax on gasoline and diesel fuel;

**WHEREAS**, pursuant to Section 99312.7 of the Public Utilities Code (PUC), no later than each January 31st the State Controller is required to provide a preliminary estimate of the amount of the STA funds to be allocated to each transportation planning entity;

**WHEREAS**, pursuant to Section 99312.7 of the PUC, no later than each August 1st, the State Controller is required to provide a revised estimate of the amount of the STA funds to be allocated to each transportation planning entity, and

**WHEREAS**, pursuant to Section 99312(d)(1) of the PUC, the State Controller makes an allocation to the County Auditor on a quarterly basis;

**NOW, THEREFORE, BE IT RESOLVED** that the Colusa County Transportation Commission (Commission) authorizes the payment of State Transit Assistance Funds to the Transit Agency as allocated by the State Controller on a Quarterly Basis;

**BE IT FURTHER RESOLVED** that the Commission recognizes that in times of fiscal hardship and/or uncertainty said quarterly allocations of STA funds have been postponed by the State Controller, and

**BE IT FURTHER RESOLVED** that in the case of such a postponement, payment is hereby authorized as soon as the STA funds are allocated by the State Controller.

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**PASSED AND ADOPTED** this 20th day of June, 2023 by the following vote:

**AYES:**

**NOES:**

**ABSENT:**

_____________________________
, Chair
Transportation Commission

**ATTEST:** Michael Azevedo, Clerk to the
Colusa County Transportation Commission and
Transit Agency

By___________________________________
Patricia Rodriguez, Deputy Clerk

**APPROVED AS TO FORM**:

___________________________________
Jennifer K Sutton, Senior Deputy County Counsel

COUNTY OF COLUSA, CA 4.4

Request For Transportation Commission and Transit Agency

**MEETING DATE:** June 20, 2023

**DEPARTMENT:** Transportation Commission

**FROM:** Kirsten Montejano

**SUBJECT:** Approve the Preliminary 2023-2024 Budgets

Approve FY 2023/2024 Preliminary Budgets in the amount of $1,484,789. for the Local Transportation Fund, State Transit Assistance Fund, and Local Transportation Planning Fund.

**Detailed Description/Background of request**

This request is to review and approve the attached Preliminary budgets for FY 2023/2024

| | | |
|---|---|---|
| 1) Local Transportation Fund | (Fund 051) | $1,055,000. |
| 2) State Transit Assistance Fund | (Fund 052) | $ 271,789. |
| 3) Local Transportation Planning Fund | (Fund 053) | $ 158,000. |

**Prior Board Action**

Budgets are submitted annually.

**Fiscal Impact/Funding Source**

Per attached Budget docs

**Action for the Clerk**

none

**ATTACHMENTS:**

- 2023-2024 PRELIMINARY 051 LTF (PDF)
- 2023-2024 PRELIMINARY 052 STA (PDF)
- 2023-2024 PRELIMINARY 053 Trans Plng (PDF)

**State Controller Schedules**
County Budget Act
January 2010

**COUNTY OF COLUSA**

**STATE DISTRICTS, COMMISSIONS & AUTHORITIES GOVERNED THROUGH OTHER BOARDS**
**FINANCING SOURCES AND USES BY BUDGET UNIT BY OBJECT**
**FISCAL YEAR 2023-24**

**FUND - 051 - LOCAL TRANSPORTATION FUND** **PRELIMINARY**

| Detail by Revenue Category / Account and Expenditure Object / Subobject | | 2019-20 Actuals | 2020-21 Actuals | 2021-22 Actuals | 2022-23 Budget | 2023-24 REQUEST | |
|---|---|---|---|---|---|---|---|
| **TAXES** | | | | | | | |
| 41072 | Sales And Use Tax | 1,241,871 | 1,397,091 | 1,457,879 | 1,100,000 | 1,200,000 | 1/4 cent of sales tax in county |
| TOTAL | Taxes | 1,241,871 | 1,397,091 | 1,457,879 | 1,100,000 | 1,200,000 | |
| **REVENUE FROM USE OF MONEY** | | | | | | | |
| 44190 | Interest | 18,261 | 7,245 | 3,771 | 5,000 | 5,000 | |
| 44192 | Interest ADJ to MKT Value | 130 | (930) | (27,538) | - | - | |
| TOTAL | Revenue From Use Of Money | 18,391 | 6,315 | (23,767) | 5,000 | 5,000 | |
| **TOTAL REVENUE** | | **1,260,262** | **1,403,406** | **1,434,112** | **1,105,000** | **1,205,000** | |
| **SERVICES AND SUPPLIES** | | | | | | | |
| 53150 | Memberships | 1,500 | 1,000 | 1,000 | 1,000 | 1,000 | |
| 53170 | Office Expense | 4 | 23 | 1 | 100 | 100 | |
| 53171 | Postage | 3 | - | - | 8 | 11 | |
| 53180 | Professional Services | | | - | - | - | |
| 53190 | Publication & Legal Notices | 35 | 72 | - | 100 | 100 | |
| 53229 | Indirect Overhead Costs | 3,863 | 3,113 | 8,676 | 9,792 | 2,499 | |
| TOTAL | Services And Supplies | 5,405 | 4,208 | 9,677 | 11,000 | 3,710 | |
| **TRANSPORTATION PROJECTS** | | | | | | | |
| 58304 | Administration | 9,839 | 10,158 | 14,173 | 14,000 | 20,290 | annual audit & dpw admin |
| 58305 | Regional Transportation | 680,463 | 593,110 | 610,273 | 930,000 | 1,031,000 | To Transit 042-48028 |
| 58315 | County Road Maint | 222,161 | 287,426 | 374,504 | | | |
| 58316 | St Maint-City Colusa | 132,351 | 171,233 | 223,109 | | | |
| 58317 | St Maint-City Williams | 118,171 | 152,886 | - | - | - | |
| TOTAL | Transportation Projects | 1,162,985 | 1,214,813 | 1,222,059 | 944,000 | 1,051,290 | |
| **TOTAL EXPENDITURES / APPROPRIATIONS** | | **1,168,390** | **1,219,021** | **1,231,736** | **955,000** | **1,055,000** | |
| **NET COST** | | **(91,872)** | **(184,385)** | **(202,376)** | **(150,000)** | **(150,000)** | |

Fund #051-04020-465

**State Controller Schedules**
County Budget Act
January 2010

**COUNTY OF COLUSA**

**STATE DISTRICTS, COMMISSIONS & AUTHORITIES GOVERNED THROUGH OTHER BOARDS**
**FINANCING SOURCES AND USES BY BUDGET UNIT BY OBJECT**
**FISCAL YEAR 2023-24**

**FUND - 052 - STATE TRANSIT ASSISTANCE** **PRELIMINARY**

| Detail by Revenue Category / Account and Expenditure Object / Subobject (1) | | 2019-20 Actuals | 2020-21 Actuals | 2021-22 Actuals | 2022-23 Budget | 2023-24 Request | |
|---|---|---|---|---|---|---|---|
| **REVENUE FROM USE OF MONEY** | | | | | | | |
| 44190 | Interest | 117 | 33 | 23 | 50 | 22 | |
| 44192 | Interest Adj to Mkt Value | - | - | | - | - | |
| TOTAL | Revenue From Use Of Money | 117 | 33 | 23 | 50 | 22 | |
| | | - | - | - | - | - | |
| **AID, OTHER AGENCY** | | - | - | - | - | - | |
| 45437 | State Transit Assistance | 194,724 | 164,769 | 190,428 | 216,170 | 271,767 | State Estimate January |
| TOTAL | Aid, Other Agency | 194,724 | 164,769 | 190,428 | 216,170 | 271,767 | |
| **TOTAL REVENUE** | | **194,841** | **164,802** | **190,451** | **216,220** | **271,789** | |
| **TRANSPORTATION PROJECTS** | | | | | | | |
| 53229 | A-87 Cost Plan | 73 | 162 | 379 | (26) | 22 | |
| 58301 | State Transit Assistance | 194,754 | 164,650 | 190,053 | 216,246 | 271,767 | To Transit 042-45437 |
| TOTAL | Transportation Projects | 194,827 | 164,812 | 190,432 | 216,220 | 271,789 | |
| **TOTAL EXPENDITURES / APPROPRIATIONS** | | **194,827** | **164,812** | **190,432** | **216,220** | **271,789** | |
| **NET COST** | | **(14)** | **10** | **(19)** | **-** | **-** | |

Fund #052-04021-490

**State Controller Schedules**
County Budget Act
January 2010

**COUNTY OF COLUSA**

**STATE DISTRICTS, COMMISSIONS & AUTHORITIES GOVERNED THROUGH OTHER BOARDS**
**FINANCING SOURCES AND USES BY BUDGET UNIT BY OBJECT**
**FISCAL YEAR 2023-24**

**FUND - 053 - LOCAL TRANS-PLANNING** **PRELIMINARY**

| Detail by Revenue Category / Account and Expenditure Object / Subobject (1) | | 2019-20 Actuals | 2020-21 Actuals | 2021-22 Actuals | 2022-23 Budget | 2023-24 Request | |
|---|---|---|---|---|---|---|---|
| **REVENUE FROM USE OF MONEY** | | | | | | | |
| 44190 | Interest | 3,849 | 842 | 537 | 3,000 | 1,000 | |
| 44192 | Interest Adj to Mkt Value | 26 | (171) | (4,394) | - | - | |
| TOTAL | Revenue Form Use Of Money | 3,875 | 671 | (3,857) | 3,000 | 1,000 | |
| **AID, OTHER AGENCY** | | | | | | | |
| 45434 | OWP Planning Assistance | 73,106 | 185,691 | 145,339 | 158,000 | 158,000 | |
| 45436 | SAFETEA-LU/RSTP | 305,108 | 155,383 | 161,816 | - | - | Unknown amount until April/May 2024 |
| TOTAL | Aid, Other Agency | 378,214 | 341,074 | 307,155 | 158,000 | 158,000 | |
| **TOTAL REVENUE** | | **382,089** | **341,745** | **303,298** | **161,000** | **159,000** | |
| **SERVICES AND SUPPLIES** | | | | | | | |
| 53060 | Communications | 3,991 | 4,210 | 4,252 | 4,541 | 5,700 | Rover $0; Hotspot $700; Mxl GPS $2.5k; Arb GPS $2.5k |
| 53121 | Maintenance of Software | 18,708 | 19,290 | 20,230 | 22,230 | - | Discontinue acct Effective FY23/24 use Acct 53231 |
| 53231 | Software | | | | | 25,000 | Metro $6k; Cartegraph $6.5; Esri $9k; DLT $3.5k |
| 53229 | Indirect Overhead Cost | 2,943 | 1,975 | 2,352 | 1,178 | 181 | |
| TOTAL | Services And Supplies | 25,642 | 25,475 | 26,834 | 27,949 | 30,881 | |
| **TRANSPORTATION PROJECTS** | | | | | | | |
| 58302 | OWP Transportation Plng/Blueprint | 103,884 | 128,815 | 129,248 | 130,051 | 127,119 | |
| 58311 | SAFETEA-LU/RSTP - County of Colusa | 143,401 | 73,030 | 76,054 | | | Unknown allocation until April/May 2024 |
| 58312 | SAFETEA-LU/RSTP - City of Colusa | 85,430 | 43,507 | - | | | Unknown allocation until April/May 2024 |
| 58313 | SAFETEA-LU/RSTP - City of Williams | 76,277 | 38,846 | - | | | Unknown allocation until April/May 2024 |
| TOTAL | Transportation Projects | 408,992 | 284,198 | 205,302 | 130,051 | 127,119 | |
| **TOTAL EXPENDITURES / APPROPRIATIONS** | | **434,634** | **309,673** | **232,136** | **158,000** | **158,000** | |
| **NET COST** | | **52,545** | **(32,072)** | **(71,162)** | **(3,000)** | **(1,000)** | |

Fund #053-04022-491

# COUNTY OF COLUSA, CA

5.1

## Request For Transportation Commission and Transit Agency

**MEETING DATE:** **June 20, 2023**

**DEPARTMENT:** **Transit Agency**

**FROM:** **Kirsten Montejano**

**SUBJECT:** **Approve the Preliminary 2023-2024 Budget**

Approve FY 2023/2024 Preliminary Budget in the amount of $2,158,728 for the Transit Agency Fund.

**Detailed Description/Background of request**
This request is to review and approve the attached budget for FY 2023/2024

Transit Agency Fund (Fund 042) $2,158,728.

**Prior Board Action**
Budgets are submitted annually.

**Fiscal Impact/Funding Source**
Per attached budget doc

**Action for the Clerk**
none

**ATTACHMENTS:**

- 2023-2024 PRELIMINARY 042 Transit (PDF)

**State Controller Schedules**
County Budget Act
January 2010

**COUNTY OF COLUSA**

**OPERATION OF ENTERPRISE FUND**
**FISCAL YEAR 2023-24**

**FUND - 042 - REGIONAL TRANSPORTATION**

**PRELIMINARY**

| | Operating Detail | 2019-20 Actuals | 2020-21 Actuals | 2021-22 Actuals | 2022-23 Budget | 2023-24 Request | |
|---|---|---|---|---|---|---|---|
| **OPERATING REVENUES** | | | | | | | |
| **REVENUE FROM USE OF MONEY** | | | | | | | |
| 44190 | Interest Income and/or (Expense) | 12,414 | 3,451 | 1,055 | 5,000 | 1,000 | |
| 44192 | Interest Adj to Mkt Value | 68 | (393) | (6,519) | | | |
| TOTAL | Revenue From Use Of Money | 12,482 | 3,058 | (5,464) | 5,000 | 1,000 | |
| **AID, OTHER AGENCY** | | | | | | | |
| 45378 | BH-Vets Med Transp | - | - | - | - | - | |
| 45379 | DHHS-Client Med Transp | | | | | | |
| 45425 | Area Agency On Aging | 9,779 | 13,933 | 11,067 | 10,000 | 10,000 | |
| 45426 | Area Agency On Aging OTO | 7,768 | | | | | |
| 45428 | Transit Block Grant | 810 | - | - | - | - | |
| 45437 | State Transit Assistance | 194,754 | 164,650 | 190,053 | 190,053 | 271,767 | From STA fund 052-58301 |
| 45445 | Transit-TSSSDRA | | | | | | |
| 45446 | Transit-PTMISEA-Prop 1B | | | | | | |
| 45540 | CARES Act Funding | 8,500 | 127,403 | 260,559 | 130,280 | | $260,559 Cares Phase II set up as 21/22 A/R - will deposit to a/r acct when rec'd |
| 45544 | LCTOP | - | 23,544 | 56,561 | 56,561 | | 23/24 Allocation unknown until Feb 2024 |
| 45576 | FTA - Operating | 122,702 | - | 264,297 | 175,021 | 200,000 | $175,021 for 22/23 year. Estimate for FY23/24 |
| 45578 | State of Good Repair (SB1) | 36,251 | 32,810 | 34,258 | 35,604 | 36,507 | State Estimate 1/31/23 - toward bus purchases |
| 45641 | Federal Grant | | | - | 462,400 | 462,400 | For buses: $162,400 5311 Grant; $300k 5339 Grant |
| 45655 | Covid CRRSAA | | | 388,861 | | | $355,932 & 32,929 Set up as 21/22 A/R - will deposit to a/r acct when received |
| TOTAL | Aid, Other Agency | 380,564 | 362,340 | 1,205,656 | 1,059,919 | 980,674 | |
| **CHARGES FOR CURRENT SERV** | | | | | | | |
| 46779 | Fare Box | 77,400 | 25,840 | 49,853 | 70,000 | 70,000 | 2 years were low due to LCTOP funded rides, no LCTOP rides in 22/23 |
| 46780 | Charter Services | 1,350 | | 600 | | | |
| TOTAL | Charges For Current Serv | 78,750 | 25,840 | 50,453 | 70,000 | 70,000 | |
| **OTHER REVENUE** | | | | | | | |
| 47910 | Sale of Fixed Assets | - | - | 100 | - | - | |
| 47915 | Dental Stabilization Reimb | - | - | 223 | - | - | |
| 47959 | P Y Insurance Dividend | 1,270 | - | - | - | - | |
| 47981 | Advertising | 13,365 | 10,192 | 15,975 | 10,000 | - | |
| 47992 | Donations-Med Escort Serv | 60 | 660 | 830 | 500 | - | |
| 48028 | Non-Revenue | 680,463 | 593,110 | 610,274 | 780,000 | 881,000 | From LTF fund 051-58305 |
| 48030 | Transfers In | - | 4,014 | | | | |
| TOTAL | Other Revenue | 695,173 | 607,976 | 627,402 | 790,500 | 881,000 | |
| **TOTAL REVENUES** | | **1,166,969** | **999,214** | **1,878,047** | **1,925,419** | **1,932,674** | |

**State Controller Schedules**
County Budget Act
January 2010

**COUNTY OF COLUSA**

**OPERATION OF ENTERPRISE FUND**
**FISCAL YEAR 2023-24**

**FUND - 042 - REGIONAL TRANSPORTATION**

**PRELIMINARY**

| Operating Detail | | 2019-20 Actuals | 2020-21 Actuals | 2021-22 Actuals | 2022-23 Budget | 2023-24 Request | |
|---|---|---|---|---|---|---|---|
| **OPERATING EXPENSES** | | | | | | | |
| **SALARIES & BENEFITS** | | | | | | | |
| 51010 | Salaries And Wages | 485,633 | 490,674 | 501,950 | 592,009 | 592,915 | |
| 51011 | Extra Help | 2,273 | - | | | | |
| 51012 | Overtime | 1,875 | 963 | 3,487 | | | |
| 51019 | Health In-Lieu | 9,120 | 9,420 | 11,820 | 9,120 | 12,720 | |
| 51020 | Deferred Compensation | 360 | 480 | 781 | 3,720 | 3,720 | |
| 51021 | Retirement | 305,052 | 185,144 | 80,395 | 231,428 | 263,989 | |
| 51022 | OASDI | 36,600 | 36,865 | 37,572 | 46,271 | 46,616 | |
| 51023 | Unemployment Insurance | - | | | | | |
| 51029 | Group Insurance-Vision | 1,536 | 1,485 | 1,485 | 1,705 | 1,353 | |
| 51030 | Group Insurance-Health | 14,741 | 14,406 | 13,778 | 17,880 | 16,308 | |
| 51031 | Group Insurance-Life | 536 | 451 | 496 | 575 | 574 | |
| 51032 | Group Ins Retired Member | 12,729 | 14,624 | 16,469 | 16,581 | 13,483 | |
| 51033 | Group Insurance-Dental | 4,800 | 4,585 | 4,598 | 5,400 | 5,400 | |
| 51035 | Workers' Compensation | 8,989 | 9,481 | 5,484 | 5,247 | 4,985 | |
| 51036 | Employee Assistance Program | 252 | 244 | 244 | 280 | 455 | |
| 51037 | Misc 125 F.B.P. | 14,577 | 14,640 | 9,243 | - | - | |
| 51038 | IRC 125 Flex Benefit Plan | - | - | - | - | - | |
| 51042 | Group Ins-Vision (125) | 70 | 151 | 87 | | | |
| 51043 | Group Ins-Health (125) | 74,273 | 75,684 | 80,903 | 119,578 | 107,052 | |
| 51044 | Retiree Health - OPEB | (44,007) | (35,722) | (12,828) | | | |
| 51045 | Group Ins-Dental (125) | 991 | 1,229 | 730 | - | - | |
| 51046 | Active HRA Contributions | 3,000 | 5,750 | 5,689 | 6,600 | 6,600 | |
| 51048 | Group Ins - Dental (Stablz) | | | 223 | 3,300 | - | |
| 51049 | Pension (UAL) | | | | 3,300 | 3,300 | |
| TOTAL | Salaries & Benefits | 933,400 | 830,554 | 762,606 | 1,062,994 | 1,079,470 | |
| **SERVICES AND SUPPLIES** | | | | | | | |
| 53050 | Clothing & Personal Supp | - | 290 | - | 300 | 300 | boot reimbursement allowance (mechanic) |
| 53060 | Communications | 579 | - | - | 1,150 | - | |
| 53090 | Household Expense | 3,195 | 2,189 | 2,835 | 3,000 | 3,000 | |
| 53100 | Insurance | 12,445 | 13,948 | 14,993 | 15,651 | 16,950 | Revised 03/23/23 |
| 53120 | Maintenance-Equipment | 30,032 | 19,277 | 45,079 | 40,000 | 50,000 | |
| 53121 | Maintenance - Software | 75 | 89 | - | 150 | | Discontinued acct effective FY23/24 use 53231 |
| 53123 | Maint-Equipmt Other Depts | 11,652 | 19,626 | 31,953 | 30,000 | 30,000 | |
| 53130 | Maintenance-Stru, Imp, Grnd | 6,357 | 2,485 | 8,755 | 6,000 | 6,000 | Bus wash maint & sump |
| 53140 | Medical, Dental, & Lab Supp | - | 140 | 19 | 150 | 150 | |
| 53150 | Memberships | 535 | 535 | 560 | 600 | 625 | CALACT |
| 53160 | Misc. Expense | | (10) | | | | |
| 53163 | Finance/Late Charges | | 16 | | 45 | 45 | |
| 53170 | Office Expense | 1,094 | 952 | 572 | 1,600 | 1,600 | |
| 53171 | Postage | 7 | - | 33 | 47 | 45 | |
| 53180 | Prof/Specialized Services | 5,233 | 6,003 | 8,719 | 10,000 | 10,200 | Pest $1.2k; Physicals/DOT $2.5; HRA fees $300; Audit $5.2K; Security $1k |
| 53190 | Publicat & Legal Notices | 305 | 1,602 | 648 | 1,600 | 1,600 | |
| 53200 | Rents & Leases Equipment | 1,434 | 1,519 | 113 | 1,600 | 1,600 | Copier/Printer/Scanner |

**State Controller Schedules**
County Budget Act
January 2010

**COUNTY OF COLUSA**

**OPERATION OF ENTERPRISE FUND**
**FISCAL YEAR 2023-24**

**FUND - 042 - REGIONAL TRANSPORTATION**

**PRELIMINARY**

| | Operating Detail | 2019-20 Actuals | 2020-21 Actuals | 2021-22 Actuals | 2022-23 Budget | 2023-24 Request | |
|---|---|---|---|---|---|---|---|
| 53220 | Small Tools & Instruments | 2,634 | 1,704 | 452 | 1,000 | 1,000 | |
| 53229 | Indirect Overhead Costs | 107,583 | 85,955 | 67,465 | 33,648 | 28,587 | |
| 53230 | Special Dept Expenses | 16,560 | 17,773 | 17,988 | 20,000 | 55,000 | physical reimb, DPW admin, EH permit $450, Hwy Patrol $450; GASB $160 |
| 53231 | Software | | 401 | 135 | - | 186 | 5 Carbon Black security |
| 53250 | Transportation & Travel | 1,460 | - | (228) | | | |
| 53251 | Education and Training | 960 | 325 | | | | |
| 53253 | Fuel | 58,878 | 57,341 | 88,585 | 120,000 | 90,000 | |
| 53260 | Utilities | 10,307 | 10,670 | 11,478 | 11,000 | 17,500 | Recology $1,700; PG&E $14,500; City of Colusa $1,300 |
| TOTAL | Services And Supplies | 271,325 | 242,830 | 300,154 | 297,541 | 314,388 | |
| **OTHER CHARGES** | | | | | | | |
| 55490 | Depreciation Expense | 81,088 | 84,813 | 84,813 | 84,813 | 84,816 | |
| 55491 | Amortization Expense | | | 1,378 | | | |
| TOTAL | Other Charges | 81,088 | 84,813 | 86,191 | 84,813 | 84,816 | |
| **CAPITAL ASSETS** | | | | | | | |
| 57099 | Fixed Assets <$5,000 | | | - | - | - | |
| 57199 | Fixed Assets >$5,000 | | - | | 823,044 | 668,493 | 5 buses & van/s funded by grants & SGR (including carryover funds) |
| 57361 | Struc/Improvements >$5,000 | - | - | | 56,561 | 56,561 | solar structure invertor & install - $56,561 funded by LCTOP carryover funds |
| TOTAL | Capital Assets | - | - | - | 879,605 | 725,054 | |
| **EXPENDITURES, TRANSFER, RMB** | | | | | | | |
| 59392 | Reimb. Proj.-Vehicle Maint | (28,231) | (43,676) | (57,765) | (45,000) | (45,000) | |
| TOTAL | Expenditures, Transfer, Rmb | (28,231) | (43,676) | (57,765) | (45,000) | (45,000) | |
| **TOTAL EXPENDITURES** | | **1,257,582** | **1,114,521** | **1,091,186** | **2,279,953** | **2,158,728** | |
| **NET COST** | | **90,613** | **115,307** | **(786,861)** | **354,534** | **226,054** | $226,054 estimated 22/23 carryover: SGR $169,493 & LCTOP $56,561 |

COUNTY OF COLUSA, CA 5.2

**Request For Transportation Commission and Transit Agency**

| | |
|---|---|
| **MEETING DATE:** | **June 20, 2023** |
| **DEPARTMENT:** | **Transit Agency** |
| **FROM:** | **Michael Azevedo** |
| **SUBJECT:** | **Approve Interconnection Agreement for Solar/Canopy Project** |

Approve an Interconnection Agreement (IA) with **Pacific Gas and Electric Company (PG&E)** for the purpose of connecting a photovoltaic system with a capacity of 1,000kw or less to the power grid and authorize the Executive Director to sign.

## Detailed Description/Background of request

A Request for Bids was generated for the purchase and installation of a photovoltaic system and rain protected bus canopy at the transit shop. A contract was awarded to CWS Construction Group, Inc., to procure and install same, which was completed late 2019. Upon completion, an interconnection application was submitted to PG&E. Unfortunately, the appropriate form was not utilized, nor was the Department informed of the misstep until late April 2020. Attempts to resubmit were unsuccessful and to exacerbate matters, a deadline of June 2020 to allow connection of a specific type of inverter was missed. Exhaustive negations with several groups within PG&E were unsuccessful in gaining recognition of the of the application pre- June 2020.

With the expiration of "Net Metering" looming in April of this year, a decision was made to retain an industry professional, familiar with the interconnection process, to secure the net metering benefit of generating energy for the grid. That effort was successful, resulting in the Interconnection Agreement before you today. Once the agreement is in place, a solicitation to replace the "outdated" inverter will be brought before this body for approval prior to advertisement.

## Prior Board Action

Approved RFB on February 20, 2018.
Contract awarded on April 17, 2018

## Fiscal Impact/Funding Source

Project completion is to be funded with Low Carbon Transit Operations Program(LCTOP) funds. The project budget is $50,000.

## Action for the Clerk

**ATTACHMENTS:**

- Interconnection Agreement COLUSA COUNTY TRANSIT 125864618 (PDF)

Pacific Gas and Electric Company®

# INTERCONNECTION AGREEMENT FOR NET ENERGY METERING 2 (NEM2) OF A RENEWABLE ELECTRIC GENERATING FACILITY OF 1,000 KW OR LESS, EXCEPT NEM2 SOLAR OR WIND FACILITIES OF 30 KW OR LESS, AND VIRTUAL NET ENERGY METERING (NEM2V) OF A RENEWABLE ELECTRIC GENERATING FACILITY OF 1,000 KW OR LESS

This *INTERCONNECTION AGREEMENT FOR NET ENERGY METERING 2 (NEM) OF A RENEWABLE ELECTRIC GENERATING FACILITY OF 1,000 KW OR LESS, EXCEPT NEM2 SOLAR OR WIND FACILITIES OF 30 KW OR LESS, AND VIRTUAL NET ENERGY METERING (NEM2V) OF A RENEWABLE ELECTRIC GENERATING FACILITY OF 1,000 KW OR LESS* (Agreement)[1] is entered into by and between COLUSA COUNTY TRANSIT MAINTENANCE (Customer-Generator), and Pacific Gas and Electric Company (PG&E), a California Corporation. Customer-Generator and PG&E are sometimes also referred to in this Agreement jointly as "Parties" or individually as "Party." In consideration of the mutual promises and obligations stated in this Agreement and its attachments, the Parties agree as follows:

## 1. SCOPE AND PURPOSE

1.1 This Agreement provides for Customer-Generator to interconnect and operate a Renewable Electrical Generation Facility as defined in Schedule NEM2 (if this is a NEM2 Solar or Wind Generating Facility less than 30 kW, please use form 79-1151A-02) (Generating Facility) in parallel with PG&E's Electric System to serve the electrical loads connected to the electric service account that PG&E uses to interconnect Customer-Generator's Generating Facility. Customer-Generator's Generating Facility is intended primarily to offset part or all of the Customer-Generator's own electrical requirements. Consistent with, and in order to effectuate, the provisions of Sections 2827 of the California Public Utilities Code and PG&E's electric rate Schedule NEM2 (NEM2), Parties enter into this Agreement. This Agreement applies to the Customer-Generator's Generating Facilities identified below with the specified characteristics and generating capacity, and does not allow interconnection or operation of facilities different than those described.

## 2. SUMMARY AND DESCRIPTION OF CUSTOMER-GENERATOR'S GENERATING FACILITY AND DESIGNATION OF OTHERWISE-APPLICABLE RATE SCHEDULE

2.1 A description of the Generating Facility, including a summary of its significant components, and a single-line diagram showing the general arrangement of how Customer-Generator's Generating Facility and loads are interconnected with PG&E's Electric System, is attached to and made a part of this Agreement. (This description is supplied by Customer-Generator as Appendix A).

2.2 Generating Facility identification number: 30S809546 (Assigned by PG&E).

[1] Additional forms are available on PG&E's website at http://www.pge.com/gen).

† Information collected on this form is used in accordance with PG&E's Privacy Policy. The Privacy Policy is available at pge.com/privacy.

Pacific Gas and Electric Company

# INTERCONNECTION AGREEMENT FOR NET ENERGY METERING 2 (NEM2) OF A RENEWABLE ELECTRIC GENERATING FACILITY OF 1,000 KW OR LESS, EXCEPT NEM2 SOLAR OR WIND FACILITIES OF 30 KW OR LESS, AND VIRTUAL NET ENERGY METERING (NEM2V) OF A RENEWABLE ELECTRIC GENERATING FACILITY OF 1,000 KW OR LESS

2.3 Customer-Generator's electric service agreement ID number: 6942751944 (Assigned by PG&E).

2.4 Name and address used by PG&E to locate the electric service account used to interconnect the Generating Facility with PG&E's Electric System:

Name: COLUSA COUNTY TRANSIT MAINTENANCE

Address: 715 D ST

City/Zip Code: COLUSA,CA,95932

2.5 The Gross Nameplate Rating of the Generating Facility: 43.530 kW.

2.6 The Net Nameplate Rating of the Generating Facility: 43.919 kW.

2.7 The expected annual energy production of the Generating Facility is 65,879.199 kWh.

2.8 Customer-Generator's otherwise-applicable rate schedule as of the execution of this Agreement is B1.

2.9 The Generating Facility's expected date of Initial Operation is December 2023. The expected date of Initial Operation shall be within two years of the date of this Agreement.

2.10 Smart Inverters - For Customer-Generator applications received on or after September 9, 2017, the Customer-Generator certifies that their inverter-based Generating Facilities fully comply with Section Hh of Rule 21, including configuration of protective settings and default settings, in accordance with the specifications therein.

Distribution Provider may require a field verification of the Customer-Generator's inverter. Customer-Generator further agrees to cooperate fully with any such request and make their inverter available to the Distribution Provider for such verification. Customer-Generator understands that in the event the inverter is not set in accordance with Section Hh of Rule 21, Customer-Generator will need to cease operation of generating facility until verification is confirmed by Distribution Provider.

(Solar inverter models and firmware versions that comply with Rule 21 Section Hh can be found at https://www.energy.ca.gov/programs-and-topics/topics/renewable-energy/solar-equipment-lists.)

Verification of compliance with such requirements shall be provided by the Customer-Generator upon request by PG&E in accordance with PG&E's Electric Rule 21.

An "existing inverter" is defined as an inverter that is a component of an existing Generating Facility that meets one or more of the following conditions:

(a) it is already approved by PG&E for interconnection prior to September 9, 2017

(b) the Customer-Generator has submitted the interconnection application prior to September 9, 2017,

(c) the Customer-Generator provides evidence of having applied for an electrical permit for the Generating Facility installation that is dated prior to September 9, 2017 and submitted a complete interconnection application[2] no later than March 31, 2018, or

(d) the Customer-Generator provides evidence of a final inspection clearance from the governmental authority having jurisdiction over the Generating Facility prior to September 9, 2017.

All "existing inverters" are not required to be Smart Inverters and are only subject to Section H of Rule 21. Customer-Generator replacing an "existing inverter" certifies it is being replaced with either:

(i) inverter equipment that complies with Section Hh of Rule 21, (encouraged); or

(ii) a conventional inverter that is of the same size and equivalent ability to that of the inverter being replaced, as allowed in Rule 21 Section H.3.d.ii.

## 3. DOCUMENTS INCLUDED AND DEFINED TERMS

3.1 This Agreement includes the following exhibits that are specifically incorporated herein and made a part of this Agreement.

| | |
|---|---|
| Appendix A | Description of Generating Facility and Single-Line Diagram (Supplied by Customer-Generator). |
| Appendix B | A Copy of *PG&E's Agreement for Installation or Allocation of Special Facilities* (Forms 79-255, 79-280, 79-702) or *Agreements to Perform Any Tariff Related Work* (62-4527), if applicable (Formed by the Parties). |
| Appendix C | Schedule NEM2 / NEM2V Customer-Generator Warranty That it Meets the Requirements for an Eligible Customer-Generator and Is an Eligible Renewable Electrical Generation Facility Pursuant to Section 2827 of the California Public Utilities Code (if applicable). |
| Appendix D | NEM2 Load Aggregation Customer-Generator Declaration Warranting NEM2 Aggregation Is Located On Same or Adjacent or Contiguous Property to Generator Parcel (if applicable) |
| Appendix E | Customer-Generator Affidavit Warranting That NEM2V Arrangement Is Sized to Load (if applicable) |
| Appendix F | NEMV, NEM2V, Storage (if applicable) |

[2] A complete application consists all of the following without deficiencies:
1. A completed Interconnection Application including all supporting documents and required payments, (continued next page)
2. A completed signed Interconnection Agreement,
3. Evidence of the Customer-Generator final inspection clearance from the governmental authority having jurisdiction over the generating system.

Appendix G Operating Requirements for Energy Storage Device(s) (when applicable)

In addition, PG&E Electric Tariff Rules and Rates, including but not limited to Electric Rules 2, 14, 15, 16, and 21, Schedule NEM2 (if applicable), Schedule NEM2V (if applicable) and Customer-Generator's otherwise-applicable rate schedule, available at PG&E's website at www.pge.com or by request, are specifically incorporated herein and made part of this Agreement.

3.2 When initially capitalized, whether in the singular or in the plural, the terms used herein shall have the meanings assigned to them either in this Agreement or in PG&E's Electric Rule 21, Section C.

## 4. TERM AND TERMINATION

4.1 This Agreement shall become effective as of the last date entered in Section 20 below. The Agreement shall continue in full force and effect until the earliest date that one of the following events occurs:

(a) The Parties agree in writing to terminate the Agreement.

(b) Unless otherwise agreed in writing by the Parties, at 12:01 A.M. on the day following the date the electric service account through which Customer-Generator's Generating Facility is interconnected to PG&E is closed or terminated.

(c) At 12:01 A.M. on the 61st day after Customer-Generator or PG&E provides written Notice pursuant to Section 10 below to the other Party of Customer-Generator's or PG&E's intent to terminate this Agreement.

4.2 Customer-Generator may elect to terminate this Agreement pursuant to the terms of Section 4.1(c) for any reason. PG&E may elect to terminate this Agreement pursuant to the terms of Section 4.1(c) for one or more of the following reasons:

(a) A change in applicable rules, tariffs, or regulations, as approved or directed by the Commission, or a change in any local, state or federal law, statute or regulation, either of which materially alters or otherwise affects PG&E's ability or obligation to perform PG&E's duties under this Agreement; or,

(b) Customer-Generator fails to take all corrective actions specified in PG&E's Notice that Customer-Generator's Generating Facility is out of compliance with the terms of this Agreement within the time frame set forth in such Notice; or,

(c) Customer-Generator abandons the Generating Facility. PG&E shall deem the Generating Facility to be abandoned if PG&E determines, in its sole opinion, the Generating Facility is nonoperational and Customer-Generator does not provide a substantive response to PG&E Notice of its intent to terminate this Agreement as a result of Customer-Generator's apparent abandonment of the Generating Facility affirming Customer-Generator's intent and ability to continue to operate the Generating Facility; or,

(d) Customer-Generator's Generating Facility ceases to meet all applicable safety and performance standards set out in Section 5.

4.3 Notwithstanding any other provisions of this Agreement, PG&E shall have the right to unilaterally file with the Commission, pursuant to the Commission's rules and regulations, an application to terminate this Agreement.

4.4 Any agreements attached to and incorporated into this Agreement shall terminate concurrently with this Agreement unless the Parties have agreed otherwise in writing.

**5. GENERATING FACILITY REQUIREMENTS**

5.1 Customer-Generator's Generating Facility must meet all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronics Engineers, and accredited testing laboratories such as Underwriters Laboratories and, where applicable, rules of the Commission regarding safety and reliability including Rule 21.

5.2 Customer-Generator shall: (a) maintain the Generating Facility and Interconnection Facilities in a safe and prudent manner and in conformance with all applicable laws and regulations including, but not limited to, Section 5.1, and (b) obtain any governmental authorizations and permits required for the construction and operation of the Generating Facility and Interconnection Facilities. Customer-Generator shall reimburse PG&E for any and all losses, damages, claims, penalties, or liability it incurs as a result of Customer-Generator's failure to obtain or maintain any governmental authorizations and permits required for construction and operation of Customer-Generator's Generating Facility.

5.3 Customer-Generator shall not commence parallel operation of the Generating Facility until PG&E has provided express written approval. Such approval shall normally be provided no later than thirty (30) business days following PG&E's receipt of: (1) a completed *Rule 21 Generator Interconnection Application* (Form 79-1174-02), including all supporting documents and payments as described in the Application; (2) a signed and completed *INTERCONNECTION AGREEMENT FOR A NET ENERGY METERING (NEM2/NEM2V) OF A RENEWABLE ELECTRICAL GENERATION FACILITY OF 1,000 KW OR LESS, EXCEPT SOLAR OR WIND* (Form 79-XXXX-02); and (3) a copy of the Customer-Generator's final inspection clearance from the governmental authority having jurisdiction over the Generating Facility. Such approval shall not be unreasonably withheld. PG&E shall have the right to have representatives present at the Commissioning Test as defined in Rule 21. Customer-Generator shall notify PG&E at least five (5) business days prior to the initial testing.

5.4 In order to promote the safety and reliability of the customer Generating Facility, the applicant certifies that as a part of each interconnection request for NEM2, that all major solar system components are on the verified equipment list maintained by the California Energy Commission and certifies that other equipment, as determined by PG&E, has safety certification from a nationally recognized testing laboratory.

5.5 Applicant certifies as a part of each interconnection request for NEM2 that

(i) a warranty of at least 10 years has been provided on all equipment and on its installation, or

(ii) a 10-year service warranty or executed "agreement" has been provided ensuring proper maintenance and continued system performance.

5.6 Customers on this tariff must pay for the interconnection of their Generation Facilities as provided in Electric Rule 21, pursuant to Decision 16-01-044.

## 6. INTERCONNECTION FACILITIES

6.1 Customer-Generator and/or PG&E, as appropriate, shall provide Interconnection Facilities that adequately protect PG&E's Electric System, personnel, and other persons from damage or injury, which may be caused by the operation of Customer-Generator's Generating Facility.

6.2 Customer-Generator shall be solely responsible for the costs, design, purchase, construction, permitting, operation, and maintenance of the Interconnection Facilities that Customer-Generator owns.

6.3 If the provisions of PG&E's Electric Rule 21, or any other tariff or rule approved by the Commission, require PG&E to own and operate a portion of the Interconnection Facilities, Customer-Generator and PG&E shall promptly execute an Special Facilities Agreement that establishes and allocates responsibility for the design, installation, operation, maintenance, and ownership of the Interconnection Facilities. This Special Facilities Agreement shall be attached to and made a part of this Agreement as Appendix B.

## 7. LIMITATION OF LIABILITY

Each Party's liability to the other Party for any loss, cost, claim, injury, liability, or expense, including reasonable attorney's fees, relating to or arising from any act or omission in its performance of this agreement, shall be limited to the amount of direct damage actually incurred. In no event shall either Party be liable to the other Party for any indirect, special, consequential, or punitive damages of any kind whatsoever.

## 8. INSURANCE

8.1. Customer-Generator Facility is required to comply with standards and rules set forth in Section 5 and provide the following for insurance policies in place.

(a) For NEM2V Customer-Generators only, to the extent that Customer-Generator has currently in force property insurance and commercial general liability or personal liability insurance, Customer-Generator agrees that it will maintain such insurance in force for the duration of this Agreement in no less amounts than those currently in effect. Pacific Gas and Electric Company shall have the right to inspect or obtain a copy of the original policy or policies of insurance prior to commencing operation. As long as Customer-Generator meets the requirements of this Section 8.1(a), Customer-Generator shall not be required to purchase any additional liability insurance.

❑ I have insurance. I hereby certify that there is presently insurance coverage in the amount of $_______________ for the Schedule NEM2V Generating Facility location.

Insuring Company's Name: ______________________________

Insurance Policy # ______________________________

☐ I do not have insurance. I hereby certify that there is presently $0 (zero) dollars of insurance for the Schedule NEM2V Generating Facility location.

8.2. Customer-Generator shall furnish the required certificates and all endorsements to PG&E prior to Parallel Operation.

8.3. The certificate shall provide thirty (30) calendar days' written notice to PG&E prior to cancellation, termination, alteration, or material change of such insurance.

8.4. PG&E shall have the right to inspect or obtain a copy of the original policy or policies of insurance.

If at any time during this agreement the Customer-Generator fails to meet the requirements in Section 5, the following insurance shall apply:

Customer-Generator shall procure and maintain a commercial general liability insurance policy at least as broad as the Insurance Services Office (ISO) commercial general liability coverage "occurrence" form; or, if Customer-Generator is an individual, then liability coverage with respect to premises and use at least as broad as the ISO homeowners' or personal liability Insurance occurrence policy form, or substitute, providing equivalent coverage no less than the following limits, based on generator size:

(a) Two million dollars ($2,000,000) for each occurrence if the Gross Nameplate Rating of the Generating Facility is greater than one hundred (100) kW; or

(b) One million dollars ($1,000,000) for each occurrence if the Gross Nameplate Rating of the Generating Facility is greater than twenty (20) kW and less than or equal to one hundred (100) kW; or

(c) Five hundred thousand dollars ($500,000) for each occurrence if the Gross Nameplate Rating of the Generating Facility is twenty (20) kW or less;

(d) Two hundred thousand dollars ($200,000) for each occurrence if the Gross Nameplate Rating of the Generating Facility is ten (10) kW or less and the Generating Facility is connected to an account receiving residential service from PG&E.

The insurance shall, by endorsement:

(a) Add PG&E as an additional insured;

(b) State that coverage provided is primary and is not in excess to or contributing with any insurance or self-insurance maintained by PG&E.

(c) Contain a severability of interest clause or cross-liability clause

8.5. If Customer-Generator's Generating Facility is connected to an account receiving residential service from PG&E and the requirement of Section 8.1 prevents Customer-Generator from obtaining the insurance required in this Section, then upon Customer-Generator's written Notice to PG&E in accordance with Section 10.1, the requirements of Section 8.1 may be waived.

8.6. Customer-Generator may self-insure with approval from PG&E. Evidence of an acceptable plan to self-insure, at least thirty (30) calendar days' prior to operations shall be submitted. Customer-Generators such as state agencies that self-insure under this section are exempt from Section 8.1.

If Customer-Generator ceases to self-insure to the level required hereunder, or if Customer-Generator is unable to provide continuing evidence of Customer-Generator's ability to self-insure, Customer-Generator agrees to immediately obtain the coverage required under agreement.

8.7. All required certificates, endorsements or letters of self-insurance shall be issued and submitted via email or fax to the following:

Pacific Gas and Electric Company
Attn: Insurance Department
77 Beale St.
San Francisco, CA 94105

## 9. INDEMNITY FOR FAILURE TO COMPLY WITH INSURANCE PROVISIONS

9.1 If Customer-Generator fails to comply with the insurance provisions of this Agreement, Customer-Generator shall, at its own cost, defend, save harmless and indemnify PG&E, its directors, officers, employees, agents, assignees, and successors in interest from and against any and all loss, liability, damage, claim, cost, charge, demand, or expense of any kind or nature (including attorney's fees and other costs of litigation) resulting from the death or injury to any person or damage to any property, including the personnel and property of the utility, to the extent that the utility would have been protected had Customer-Generator complied with all such insurance provisions. The inclusion of this Section 19.1 is not intended to create any expressed or implied right in Customer-Generator to elect not to provide any such required insurance.

9.2 The provisions of this Section 9 shall not be construed to relieve any insurer of its obligations to pay any insurance claims in accordance with the provisions of any valid insurance policy..

## 10. NOTICES

10.1 Any written notice, demand, or request required or authorized in connection with this Agreement (Notice) shall be deemed properly given if delivered in person or sent by first class mail, postage prepaid, to the person specified below:

If to PG&E: Pacific Gas and Electric Company
Attention: Electric Grid Interconnection – Contract Management
P.O. Box 770000
Mail Code N7L
San Francisco, CA 94177
Email: EGIContractMgmt@pge.com

If to Customer-Generator:

Customer-Generator Name: COLUSA COUNTY TRANSIT MAINTENANCE
Address: 715 D ST
City: COLUSA,CA,95932
Phone: ( 530 ) 458.0790
FAX:( )

10.2 A Party may change its address for Notices at any time by providing the other Party notice of the change in accordance with Section 10.1.

10.3 The Parties may also designate operating representatives to conduct the daily communications, which may be necessary or convenient for the administration of this Agreement. Such designations, including names, addresses, and phone numbers may be communicated or revised by one Party's Notice to the other.

## 11. REVIEW OF RECORDS AND DATA

11.1 PG&E shall have the right to review and obtain copies of Customer-Generator's operations and maintenance records, logs, or other information such as Generating Facility availability, maintenance outages, circuit breaker operation requiring manual reset, relay targets and unusual events pertaining to Customer-Generator's Generating Facility or its interconnection to PG&E.

11.2 Customer-Generator authorizes to release to the California Energy Commission (CEC) information regarding Customer-Generator's facility, including customer name and Generating Facility location, size, and operational characteristics, as requested from time to time pursuant to the CEC's rules and regulations.

## 12. ASSIGNMENT

Customer-Generator shall not voluntarily assign its rights nor delegate its duties under this Agreement without PG&E's written consent. Any assignment or delegation Customer-Generator makes without PG&E's written consent shall not be valid. PG&E shall not unreasonably withhold its consent to Customer-Generator's assignment of this Agreement.

## 13. NON-WAIVER

None of the provisions of this Agreement shall be considered waived by a Party unless such waiver is given in writing. The failure of a Party to insist in any one or more instances upon strict performance of any of the provisions of this Agreement or to take advantage of any of its rights hereunder shall not be construed as a waiver of any such provisions or the relinquishment of any such rights for the future, but the same shall continue and remain in full force and effect.

## 14. DISPUTES

14.1 Dispute Resolution

Any dispute arising between the Parties regarding a Party's performance of its obligations under this Agreement or requirements related to the interconnection of the Generating Facility shall be resolved according to the procedures in Rule 21.

## 15. REVIEW OF RECORDS AND DATA

15.1 Applicable Tax Laws and Regulation

The Parties agree to follow all applicable tax laws and regulations, consistent with CPUC policy and Internal Revenue Service requirements.

15.2 Maintenance of Tax Status

Each Party shall cooperate with the other to maintain the other Party's tax status. Nothing in this Agreement is intended to adversely affect the Distribution Provider's tax exempt status with respect to the issuance of bonds including, but not limited to, local furnishing bonds

## 16. GOVERNING LAW, JURISDICTION OF COMMISSION, INCLUSION OF PG&E's TARIFF SCHEDULES AND RULES

16.1 This Agreement shall be interpreted, governed, and construed under the laws of the State of California as if executed and to be performed wholly within the State of California without giving effect to choice of law provisions that might apply to the law of a different jurisdiction.

16.2 This Agreement shall, at all times, be subject to such changes or modifications by the Commission as it may from time to time direct in the exercise of its jurisdiction.

16.3 The interconnection and services provided under this Agreement shall at all times be subject to the terms and conditions set forth in the Tariff Schedules and Rules applicable to the electric service provided by PG&E, which Tariff Schedules and Rules are hereby incorporated into this Agreement by this reference.

16.4 Notwithstanding any other provisions of this Agreement, PG&E shall have the right to unilaterally file with the Commission, pursuant to the Commission's rules and regulations, an application for change in rates, charges, classification, service, tariff or rule or any agreement relating thereto.

Pacific Gas and Electric Company

# INTERCONNECTION AGREEMENT FOR NET ENERGY METERING 2 (NEM2) OF A RENEWABLE ELECTRIC GENERATING FACILITY OF 1,000 KW OR LESS, EXCEPT NEM2 SOLAR OR WIND FACILITIES OF 30 KW OR LESS, AND VIRTUAL NET ENERGY METERING (NEM2V) OF A RENEWABLE ELECTRIC GENERATING FACILITY OF 1,000 KW OR LESS

## 17. CRD POWER CONTROL SYSTEM CERTIFICATION

When applicable, Customer-Generator confirms that the Renewable Electrical Generation Facility including Energy Storage over 10 kW that has received UL 1741 CRD for Power Control Systems (PCS) certification will comply with either No Grid Charge or No Storage Export as defined in Schedule NEM2.

## 18. AMENDMENT AND MODIFICATION

This Agreement can only be amended or modified in writing, signed by both Parties.

## 19. ENTIRE AGREEMENT

This Agreement, including any incorporated Tariff Schedules and Rules, contains the entire Agreement and understanding between the Parties, their agents, and employees as to the subject matter of this Agreement. Each party also represents that in entering into this Agreement, it has not relied on any promise, inducement, representation, warranty, agreement or other statement not set forth in this Agreement or in the incorporated Tariff Schedules and Rules.

## 20. SIGNATURES

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their duly authorized representatives. This Agreement is effective as of the last date set forth below.

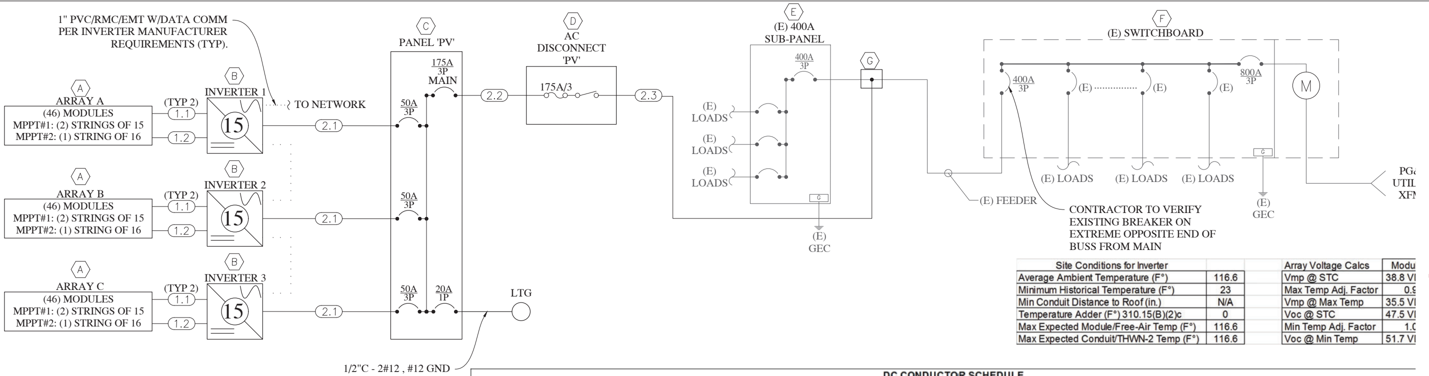
| | |
|---|---|
| COLUSA COUNTY TRANSIT MAINTENANCE | **PACIFIC GAS AND ELECTRIC COMPANY** |
| *(Customer-Generator's Name)* | |
| | |
| *(Signature)* | *(Signature)* |
| Michael J Azevedo | |
| *(Print Name)* | *(Print Name)* |
| Executive Director, CCTC | |
| *(Title)* | *(Title)* |
| June 20,2023 | |
| *(Date)* | *(Date)* |

# INTERCONNECTION AGREEMENT FOR NET ENERGY METERING 2 (NEM2) OF A RENEWABLE ELECTRIC GENERATING FACILITY OF 1,000 KW OR LESS, EXCEPT NEM2 SOLAR OR WIN FACILITIES OF 30 KW OR LESS, AND VIRTUAL NET ENERGY METERING (NEM2V) OF A RENEWABLE ELECTRIC GENERATING FACILITY OF 1,000 KW OR LESS

## APPENDIX A

The County of Colusa Transit Agency, solar photovoltaic system referenced in this agreement, resides at 715 D Street, Colusa Ca. 95932. The system currently in place consists of JA Solar JAM72SO1 355/PR PV modules. This project will install PG&E approved Solar Edge 14.4KUS[208V] inverters and required components to bring the solar system to complete operation and compliance with PG&E requirements, in order to complete that system and to connect to the PG&E grid. This project will produce 65,879.199 kWh of energy annually.

| SYSTEM ARRAY SUMMARY | | | | |
|---|---|---|---|---|
| ARRAY # | INVERTER # | INVERTER | MODULE TYPE | MODULE QTY. |
| A | 1 | SOLAR EDGE 14.4KUS-208V | JA SOLAR JAM72S01 355/PR | 46 |
| B | 2 | SOLAR EDGE 14.4KUS-208V | JA SOLAR JAM72S01 355/PR | 46 |
| C | 3 | SOLAR EDGE 14.4KUS-208V | JA SOLAR JAM72S01 355/PR | 46 |
| TOTAL | 3 | | | 138 |




| Site Conditions for Inverter | |
|---|---|
| Average Ambient Temperature (F°) | 116.6 |
| Minimum Historical Temperature (F°) | 23 |
| Min Conduit Distance to Roof (in.) | N/A |
| Temperature Adder (F°) 310.15(B)(2)c | 0 |
| Max Expected Module/Free-Air Temp (F°) | 116.6 |
| Max Expected Conduit/THWN-2 Temp (F°) | 116.6 |

| Array Voltage Calcs | Modu |
|---|---|
| Vmp @ STC | 38.8 V |
| Max Temp Adj. Factor | 0.9 |
| Vmp @ Max Temp | 35.5 V |
| Voc @ STC | 47.5 V |
| Min Temp Adj. Factor | 1.0 |
| Voc @ Min Temp | 51.7 V |

## EQUIPMENT SCHEDULE:

- (A) PV MODULE: JA SOLAR JAM72S01 355/PR
- (B) INVERTER: SOLAR EDGE 14.4KUS[208V]
- (C) PANEL 'PV': 200A RATED, 175A MAIN, 208Y/120V, 3ϕ, 4W, NEMA 3R, 14KAIC.
- (D) UTILITY LOCKABLE AC DISCONNECT 'PV': 200A, 240V, 3P, NEMA 3R,PROVIDE 175A CLASS R FUSES SUCH THAT DISCONNECT CAN BE BUSSEDFOR 200KAIC. VISIBLE KNIFE BLADE TYPE WITH VIEWING WINDOW.VERIFY EXACT REQUIREMENTS WITH UTILITY PRIOR TO PURCHASE.
- (E) (E) SUB-PANEL: 400A, 400A MAIN, 208Y/120V, 3ϕ, 4W, NEMA 1, 65 KAIC.
- (F) (E) SWITCHBOARD: 800A, 800A MAIN, 208Y/120V, 3ϕ, 4W, NEMA 3R, 65KAIC.
- (G) LOAD SIDE TAP CONNECTION USING POLARIS INSULATED MULTI TAPCONNECTORS. CONTRACTOR SHALL COMPLY WITH NEC 240.21 FOR TAPCONDUCTORS OF SPECIFIC LENGTH. INSTALL TAPS IN NEMA 1 J-BOXADJACENT TO PANEL.

## GENERAL NOTES:

1. ALL PV EQUIPMENT SHALL BE LISTED BY A RECOGNIZED TESTED LAB.
2. NOTIFY SERVING UTILITY BEFORE ACTIVATION OF PV SYSTEM.
3. WORK CLEARANCES AROUND ELECTRICAL EQUIPMENT SHALL BE MAINTAINED PER NEC 110.26(A)(1), 110.26(A)(2) & 110.26(A)(3).
4. ALL METALLIC RACEWAYS AND EQUIPMENT SHALL BE BONDED AND ELECTRICALLY CONTINUOUS.
5. COMBINED DC GEC/AC EGC REQUIRED PER 690.47(C)(3) SHALL BE INSTALLED IN ACCORDANCE WITH CEC 250.64(E) IN COMPLIANCE WITH 250.92(B) AND ENSURED BY ONE OF THE METHODS IN 250.92(B)(2) THROUGH (B)(4). FOR FERROUS METAL RACEWAYS & ENCLOSURES, CONTRACTOR SHALL INSTALL BONDING-TYPE LOCKNUTS OR BUSHINGS ON EACH END OF THE RACEWAY OR ENCLOSURE TO THE GROUNDING ELECTRODE OR GROUNDING ELECTRODE CONDUCTOR.

### DC CONDUCTOR SCHEDULE

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PV SOURCE CIRCUIT | DESCRIPTION | AMPS (Imp) | AMPS (Isc) | MAX CURRENT [690.8(A)] | TERM AMPACITY [690.8(B)(1)] | OCPD | $V_{NOM}$ | $V_{MAX}$ | 1-WAY DIST | Ω/kft | # COND'S | # PARA COND'S | # PARA CNDT'S | VOLTAGE DROP % | TEMP RANGE (F) | COND AMPS @86F | # CONDS DERATE | COND TEMP DERATE | COND DERATE AMPS | TERM TEMP RATING | TE AM @ |
| 1.1 | Module to Inverter (String of 15) | 9.16 | 9.69 | 12.11 | 15.14 | | 581.4 | 775.8 | 75.0 | 1.1858 | 2 | 1 | 1 | 0.28% | 114-122 | 55.0 | 1.0 | 0.82 | 45.1 | 60C | 3 |
| | | FREE-AIR - 2# 10 CU PV-WIRE-1000V; 1# 6 CU GND | | | | | | | | | | | | | | | | | | | |
| 1.2 | Module to Inverter (String of 16) | 9.16 | 9.69 | 12.11 | 15.14 | 15 | 620.2 | 827.5 | 80.0 | 1.1858 | 2 | 1 | 1 | 0.28% | 114-122 | 55.0 | 1.0 | 0.82 | 45.1 | 60C | 3 |
| | | FREE-AIR - 2# 10 CU PV-WIRE-1000V; 1# 6 CU GND | | | | | | | | | | | | | | | | | | | |

### AC CONDUCTOR SCHEDULE

| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AC FEEDER | DESCRIPTION | AMPS (Imp) | | MAX CURRENT [690.8(A)] | TERM AMPACITY [690.8(B)(1)] | OCPD | $V_{NOM}$ | | 1-WAY DIST | Ω/kft | # COND'S | # PARA COND'S | # PARA CNDT'S | VOLTAGE DROP | TEMP RANGE (F) | COND AMPS @86F | # CONDS DERATE | COND TEMP DERATE | COND DERATE APS | TERM TEMP RATING | TE AM @ |
| 2.1 | Inverter to Panel 'PV' | 40 | | 40 | 50 | | 208.0 | | 10.0 | 0.2951 | 3 | 1 | 1 | 0.10% | 114-122 | 95.0 | 1.0 | 0.82 | 77.9 | 60C | 7 |
| | | 1¼" EMT - 3# 4 CU THWN-2; 1# 4 NEU; 1# 6 CU GND | | | | | | | | | | | | | | | | | | | |
| 2.2 | Panel 'PV' to AC Disconnect 'PV' | 120 | | 120 | 150 | 175 | 208.0 | | 140.0 | 0.0681 | 3 | 1 | 1 | 0.99% | 78-86 | 225.0 | 1.0 | 1.00 | 225.0 | 75C | 20 |
| | | 2" PVC40 - 3# 3/0 CU THWN-2; 1# 3/0 NEU; 1# 4 CU GND | | | | | | | | | | | | | | | | | | | |
| 2.3 | AC Disconnect 'PV' to POC | 120 | | 120 | 150 | 175 | 208.0 | | 20.0 | 0.0681 | 3 | 1 | 1 | 0.14% | 78-86 | 225.0 | 1.0 | 1.00 | 225.0 | 75C | 20 |
| | | 2" EMT - 3# 3/0 CU THWN-2; 1# 3/0 NEU; 1# 4 CU GND | | | | | | | | | | | | | | | | | | | |

- A FEEDER NUMBER
- B FEEDER DESCRIPTION
- C DC = MODULE Imp; AC = CONTINUOUS RATED OUTPUT CURRENT
- D Isc; AC = NA
- E DC = D x 1.25; AC = C
- F E x 1.25
- G UPSTREAM FUSE OR OCPD INSTALLED. IF NO OCPD THEN = F
- H NOMINAL OPERATING VOLTAGE
- I MAXIMUM OPERATING VOLTAGE
- J 1-WAY DISTANCE OF CIRCUIT
- K TEMP. COMPENSATED CONDUCTOR RESISTANCE PER 1000' PER NEC 2014 TABLE 8 FPN 2.
- L # CONDUCTORS IN CIRCUIT (EXCLUDING NEUTRAL IF PRESENT IN AC CIRCUITS)
- M # PARALLEL FEEDERS IN CIRCUIT
- N # PARALLEL CONDUITS
- O VOLTAGE DROP % (DC) = ( ( D / N ) * L * ( K * 2 / 1000 ) ) / H
- P MAXIMUM OPERATING TEMPERATURE OF CIRCUIT
- Q NOMINAL AMPACITY OF CONDUCTORS @ 30C PER NEC TABLE 310.16 OR 310.17
- R NUMBER OF CURRENT CARRYING CONDUCTORS IN CONDUIT DERATE
- S CONDUCTOR TEMPERATURE DERATE
- T DERATED AMPACITY OF CONDUCTOR(S) = S * T * U
- U TEMPERATURE RATING OF TERMINAL BLOCK
- V AMPACITY OF TERMINAL BLOCK



BERRY ELECTRIC, IN
PO BOX 366, LIVE OAK, CA
95953
PH:530-701-1342
LIC#1052880

DESIGNER/INSTALLER
BERRY ELECTRIC, INC
LIC. #1052880

SINGLE LINE DIAGRAM

COLUSA COUNTY TRANSIT
715 D ST.
COLUSA, CA 95932

| No. | DESCRIPTION | DATE |
|---|---|---|

PROJECT #: 041023-090
DRAWN BY: TB

E-2.0