

October 22, 2012

California Public Utilities Commission
Energy Division
ED Tariff Unit
505 Van Ness Avenue, 4th Floor
San Francisco, CA 94102

Re: Substitute Sheets for Advice 4110-E

Dear ED Tariff Unit:

An original and 4 copies of substitute sheets are attached for Advice 4110-E, "Revisions to Electric Rule 21 and its Associated Forms Ordered by Paragraph 2 of Commission Decision 12-09-018."

On September 20, 2012, PG&E submitted Advice 4110-E which includes revisions to electric Rule 21 and associated forms. Substitute sheets to the electric Rule 21 tariff reflect corrections and changes requested by Energy Division staff after its review of the Investor-Owned Utilities Rule 21 advice letters per Decision 12-09-018, in addition to minor corrections identified by PG&E. Substitute sheets to the electric Rule 21 tariff and associated forms reflect minor corrections as indicated in the following table:

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|---------------|--|
| 79-973 | PG&E Generating Facility Interconnection Agreement For Non-Export Generating Facilities <ul style="list-style-type: none">• Revised Sample Form No. 79-973 Title Page to accurately depict new revised Form name.• Revised page numbers to correct "Page 12 of 11" on Appendix C• Non-italicized "A Copy" in section 3.3 on page 2. |
| 79-974 | Generating Facility Interconnection Application For Non-Export Or Certain Net Energy Metered Generating Facilities (between 30 KW And 1,000 KW). <ul style="list-style-type: none">• Revised Sample Form No. 79-974 Title Page to accurately depict new revised Form name.• Revised right side footer to right margin edge on all pages.• Added "not typical" to further describe Detailed Study Process under this Form and revised foot note to alert Applicants to Form 79-1145 for exporting Generating Facilities on page 2.• Added a line in two incidents on page• Revised Chart C.1. with more accurate descriptors and column alignment to match Chart C.2.• Revised Chart C.2. with consistent bold font on page 4 for Applicant clarity and revised widths of both Charts C.1 and C.2 for consistency.• Revised "Inadvertent Export" to lower case on page 5, Part IV, Section A.2.• Revised "Agreement 1" to lower case on page 5, Part IV, Section B.2. |

- Revised reference of Section J in Part IV D on Page 11, to accurately reflect Section L.
 - Revised Page 13 Part V R.2. reference of “Part 3” to accurately reflect “Part IV”
- 79-978 Interconnection Agreement for Net Energy Metering of Solar Or Wind Electric Generating Facilities of 1,000 KW Or Less, Other Than Facilities Of 30 KW Or Less**
- Revised Sample Form No. 79-978 Title Page to accurately depict new revised Form name.
- 79-988 Generating Facility Interconnection Agreement (3rd Party Non-Exporting)**
- Revised “of” appropriately to “or” in Special Facilities Agreement reference on Appendix B, page 12.
- 79-992 Customer Generation Agreement (3rd Party Generator On Premises, Non-Exporting)**
- Revised Sample Form No. 79-992 Title Page name adding “s” to “Premises”
 - Deleted extra space between “Agreement “ and “(3rd” in Section 1 on page 1.
 - Added “the” in between “Generating Facility” on page 1, Section 2.2.
- 79-1069 Generating Facility Interconnection Agreement (Multiple Tariff)**
- Revised Sample Form No. 79-1069 Title Page to accurately depict new revised Form name.
 - Revised Appendix A footer from “Page 1 of _” to “Page 1 of 1”
 - Revised Appendix B footer from “Page 1 of _” to “Page 1 of 1”
 - Revised Appendix C footer from “Page 1 of _” to “Page 1 of 1”
 - Revised Appendix F footer from “Page 2 of 2” to “Page 1 of 1”
 - Added an additional space in the sentence ending with “customer-generator.” and beginning with “Eligible” in Section 1 on page 1.
 - Appropriately revised “of” to “or” in Appendix C, Special Facilities Agreement reference on page 5.
 - Deleted redundant period in first sentence of Appendix G.
 - Deleted blank page in Appendix H.
- 79-1070 Export Addendum To Generating Facility Interconnection Agreement For Non-Exporting Generating Facilities (Form 79-973) Generators Sized 2 Megawatts or Less**
- Revised Sample Form No. 79-1070 Title Page to accurately depict new revised Form name.
 - Reformatted complete Form from Times New Roman to Arial.
- 79-1101 Application and Interconnection Agreement for Customers with Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less**
- Revised Sample Form No. 79-1101 Title Page to capture left out wording
 - Added “not typical” to further describe Detailed Study Process in Part II of page 3.
 - Added a space between “www.pge.com/standardnem”. Customers” in Part III Section A on page 3.
 - Cleaned up footnotes and eliminated underline under footnote symbol in Part IV Section A on page 5.
- 79-1109 NEMVMASH - Virtual Net Energy Metering Application and Interconnection Agreement for the Building Owner of Multifamily Affordable Housing with a Solar Generating Facility of 1 Megawatt or Less**
- Added “not typical” to further describe Detailed Study Process in Section II on page 3.
 - Added missing word of “tests” to end of bullet point sentence on page 3.
 - Deleted extra lines on top of page 7.

- 79-1124 NEMVMASH Eligible Low Income Development Virtual Net Energy Metering Application and Interconnection Agreement for Multifamily Affordable Housing with Solar Generation Totaling 1 MW or Less**
- Revised Sample Form No. 79-1124 Title Page name to capture small typo of capitalizing “Totaling”.
 - Revised right side footer to right margin edge on all pages.
 - Added “not typical” to further describe Detailed Study Process in Part II of page 8.
 - Revised the bullet point sentence following the above of “Shall require” to “Will be either” on page 8 to be consistent with similar wording in other forms.
- 79-1125 NEM / NEMVMASH Inspection Report**
- Revised color of footnote symbol on heading of Form, page 1.
- 79-1131 NEMV Application and Interconnection Agreement for a Solar (PV) or Wind Generating Facility of 1 MW or Less**
- Revised Sample Form No. 79-1131 Title Page to accurately depict new revised Form name.
 - Revised right side footer to right margin edge.
 - Deleted extra space between “a Solar” in first sentence of Part IA on page 1.
 - Capitalized “Form 79-1142” in Note on page 1.
 - Added “not typical” to further describe Detailed Study Process in Part II of page 3.
 - Appropriated revised comma to period at the end of the following bullet point sentence on page 3.
- 79-1137 Interconnection Agreement For Net Energy Metering For A Renewable Electrical Generation Facility of 1,000 KW Or Less, Except Solar or Wind**
- Revised Sample Form No. 79-1137 Title Page to accurately depict new revised Form name.
 - On Page 1, revised “Page 1 of 13” to “Page 1 of 10”
 - Revised right side footer to right margin edge on all pages.
 - Revised Section 4 format to a wider margin consistent with rest of page 3 and remaining document.
 - Deleted additional line(s) on pages 7-8, moving text up appropriately on following pages.
- 79-1142 NEMV Interconnection Application for a Renewable Electrical Generation Facility of 1 Megawatt or Less**
- Deleted extra space in between “September 2012” in footer of all pages in document.
 - Revised right side footer to right margin edge on all pages.
 - Added “not typical” to further describe Detailed Study Process in Part II of page 3.
- 79-1144 (new) Rule 21 Generator Interconnection Agreement for Exporting Generating Facilities Interconnecting Under the Fast Track Process**
- Moved Article 6 from end of page 1 to top of page 2.
 - Decreased extra line between Articles 12.12 and 12.13 on page 2.
 - Underlined subtitles and eliminated lines on pages 19-20 to be consistent with style earlier in document.
 - Deleted two instances of double periods on page 21—One at the end of Article 9.1.6 and the other at the end of Article 10.1.
 - Added line between the definitions of “Point of Interconnection” and “Reasonable Efforts” on page 29.
- 79-1145 (new) Rule 21 Exporting Generator Interconnection Request**
- Appropriately revised “or” to “and” in Section 4, page 3 regarding Application Fee and Detailed Study Deposit.
 - Added spaces for readability after colons and before lines on pages 6-8.
 - Moved Section 4 title from bottom of page 8 to top of page 9.

Rule 21 Tariff

- Sheet 11 B.1. deleted revision mode “underline” under “period” in between “System.” and “Subject”.
- Sheet 11 Section B.1 added “whether they interconnect to Distribution Provider’s Distribution or Transmission System.” to last sentence.
- Sheet 14 deleted extra space between “facilities that” in **CAISO Controlled Grid** definition.
- Sheet 15 revised Distribution “Providers” to “Distribution Provider” under **Conservation Voltage Regulation** definition.
- Sheet 33 Section D.7.d. added hyphen to “sub-regional”
- Sheet 38 Section E.1. added “OPTIONAL” to beginning of the sub-heading
- Sheet 41 Section E.2.b.i) added “voltage” between “higher interconnection” and “point” after “interconnection”
- Sheet 41 Section E.2.b.ii) revised “Generating Facilities” to “Interconnection Requests”
- Sheet 42 Section E.2.c. incorporated bullet points into Table E-1 heading on sheet 43
- Sheet 43 (see above)
- Sheet 49 Section E.4.c. revised “Line” to “Line Section, distribution circuit, and/or substation”
- Sheet 50 deleted “footnote a” in table E-2
- Sheet 56 Section E.5.d.ii)(xii) deletion of “and state”
- Sheet 57 Section F.1.b. revised “G.” to “G.1.”
- Sheet 58 Section F.1.c. Capitalized “Screen Q”
- Sheet 64 Section F.2.c. revised “Section E.3.a.” to “Section E.3.a with their response.”
- Sheet 70 Section F.3.b.i. deleted comma between “earlier-queued, interconnection”
- Sheet 70 Section F.3.b.i. deleted an extra space between “completed the ___independent”
- Sheet 70 Section F.3.c. deleted “Access” from “Wholesale Distribution Access Tariff”
- Sheet 71 Section F.3.d.i) deleted “Generating Facility associated with its”
- Sheet 73 Section F.3.d.ii) added required space between “Days after”
- Sheet 76 Section F.3.d.v) capitalized “Interconnection Request”
- Sheet 78 Section F.3.d.vii) deleted extra space in between “Provider. Applicant”
- Sheet 78 Section F.3.d.vii) added required space between “costs associated”
- Sheet 82 Section F.3.f. inserted comma to read: “...interconnection, an Applicant...”
- Sheet 89 Section F.4.e.i)(1) revised “Energy” to lower case as it is not a defined term.
- Sheet 91 Section F.4.e.ii)(1) revised “Days (120)” to “(120) Calendar Days”
- Sheet 92 Section F.4.e.ii) added space between “Upgrades (Cont’d.)”
- Sheet 92 Section F.4.e.ii)(1) revised “Days (120)” to “(120) Calendar Days”
- Sheets 99-105 revised eight (8) instances of “G.1.a” to “G.1.”
- Sheet 100 Section G.1.b. revised “the Rule 21” to “this Rule”
- Sheet 102 Section G.1.d. revised “customer generators?” to “Generating Facilities?”
- Sheet 103 Section G.1.f. deleted “The Short Circuit Current Contribution Ratio Screen.”
- Sheet 104 Section G.1.g. revised “generation” to “Generating Facilities”
- Sheet 106 Section G.1.h. revised apostrophe in “(Con’td.)” appropriately to “(Cont’d.)”
- Sheet 109 Section G.1.k. added a space between “500” and “kW?”
- Sheet 110 Section G.1.l. inserted hyphen and revised “earlier queued” to “earlier-queued”
- Sheet 110 Section G.1.l. Significance: inserted hyphen and revised “currently queued” to “currently-queued”
- Sheet 110 Section G.1.m.1. revised “installations” to “capacity”
- Sheet 111 Section G.1.m.2. revised “Facilities” to “Facility capacity”

- Sheet 112 Section G.2.a. Added “, if Applicant elects to proceed.)” to the end of the second bullet point sentence.
- Sheet 112 Section G.2.a. Note 2, revised “generation” to “Generating Facility technology”
- Sheet 112 Section G.2.a. Note 2, revised “Solar generation systems with no battery storage use daytime minimum load (i.e., 10 am to 4 pm for fixed panel systems and 8 am to 6 pm for PV systems utilizing tracking systems), while all other generation uses absolute minimum load.” to “For solar Generating Facilities with no battery storage, daytime minimum load will be used (i.e., 10 am to 4 pm for fixed panel solar Generating Facilities and 8 am to 6 pm for solar Generating Facilities utilizing tracking systems), while absolute minimum load will be used for all other Generating Facility technologies.
- Sheet 113 Section G.2.a. Note 4, revised “generation” to “Generating Facility capacity”
- Sheet 113 Section G.2.a. Significance, revised “installations” to “capacity”
- Sheet 113 Section G.2.b. revised “generation” to “Generating Facility capacity” and “line section.” to “Line Section, distribution circuit, and/or substation.”
- Sheet 114 Section G.2.c. deleted extra space between “cannot be”
- Sheet 115 Section G.2.c. Significance 1. Revised “Generation” to “Generating Facility”
- Sheet 117 Section G.3.a. added “to” in between “necessary conduct”
- Sheet 117 Section G.3.a. Note 1, deleted “into Distribution Provider’s”
- Sheet 117 Section G.3.a. Significance, revised “Screen R” to “Screen Q”
- Sheet 118 Section G.3.b. revised “either interconnection system impact study or Phase I interconnection study,” to “ studies,”
- Sheet 125 Section H.1.d. deleted extra space between “Required (Cont’d.)”
- Sheet 135 Section H.2.i. revised “an Distribution” to “a Distribution”
- Sheet 149 Section L.2. added required space between “EQUIPMENT (Cont’d.)” in sub-title
- Sheet 156 Section L.5.a. revised comma between “witness Commissioning Test, Distribution” to a period and a space in order to appropriately construct two sentences

All substitute sheets are indicated with an asterisks (*) after the Cal. P.U.C. Sheet No. at the top of each sheet. These substitute sheets ensure that all appropriate revisions are contained in the affected tariff sheets. For administrative convenience, Attachment 1 and affected tariff sheets are being submitted in their entirety. Please replace previously submitted Attachment 1 and tariffs sheets.

In accordance with GO 96-B, Section 7.5.1, the substitute sheets are being served in the same manner as the original advice letter.

Please telephone me at (415) 972-5505 should you have any questions regarding the substitute sheets.

Sincerely,

/s/

Shirley Wong
Regulatory Relations

Attachments