Commonwealth of Massachusetts  
Executive Office of Energy and Environmental Affairs  
Department of Energy Resources

MASSACHUSETTS RENEWABLE ENERGY PORTFOLIO STANDARD (RPS)

MASSACHUSETTS ALTERNATIVE ENERGY PORTFOLIO STANDARD (APS)

MASSACHUSETTS CLEAN PEAK STANDARD (CPS)

MASSACHUSETTS CLEAN ENERGY STANDARD (CES, CES-E)

*Instructions for the*

*RPS/APS/CPS/CES Annual Compliance Filing for 2021*by Massachusetts Retail Electricity Suppliers

Pursuant to the RPS Class I, RPS Class II and APS Regulations in 225 CMR 14.00, 15.00, and 16.00

Pursuant to the Clean Peak Standard in 225 CMR 21.00

Pursuant to the Clean Energy Standard in 310 CMR 7.75

|  |
| --- |
| **The *RPS/APS/CPS/CES Annual Compliance Filing for 2021* is due Friday, July 1, 2022** |

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# What’s New for 2021

* No hard copies need to be mailed to DOER.
* Notarization of Authorization is no longer required.
* Clean Energy Standard-Existing is new this year. Minimum Standard is 20.0%. Separate CES-E GIS generation certificates are available. Load exemption is available for contracts executed or extended before October 4, 2019.

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# Filing Contents and Procedure

Please review all instructions carefully before completing the 2021 *RPS/APS/CPS/CES Annual Compliance Workbook. S*ome of the worksheets contain instructions themselves. Complete and submit all pages of the *Annual Compliance Workbook* electronically to doer.rps@mass.gov.

**The *2021 RPS/APS/CPS/CES Annual Compliance Workbook* is due by email to DOER no later than Friday, July 1, 2022, at: doer.rps@mass.gov**

Each emailed *Filing* must include the Supplier name in the subject line and consist of the following:

* Filing Workbook: the completed, emailed Compliance Workbook should be attached as an Excel file (not converted to PDF or another file extension).
* The NEPOOL GIS report entitled “My Certificates Disposition Report” should be emailed as a comma delimited file (i.e., csv) in Excel spreadsheet format (and *not as an XLSX or PDF*) without any deletions or other revisions, and with filenames specified below. *Important: Please check the “Settled” box only (do not check “Banked” or “Reserved” or “All”, etc.).*

**[LSE name]\_[GIS]\_[Year].csv**

Example: Retail Supplier Name\_GIS\_2021.csv

* Clean Peak Energy Credits (CPECs) should be reported from the MA CPS CPEC Retirements report under the Account Holder Reports to report settled CPEC certificates in csv format. The report should be emailed as a comma delimited file (i.e., csv) in Excel spreadsheet format (and *not as an XLSX or PDF*) without any deletions or other revisions, and with filenames specified below.

**[LSE name]\_[CPS]\_[Year].csv**

Example: Retail Supplier Name\_CPS\_2021.csv

* Documentation of any RPS, APS, CPS or CES attributes that do not appear in the GIS “My Certificates Disposition Reports”, if necessary. Please include documentation from GIS if they were settled in the wrong sub-account. Any documentation that is downloaded from the GIS must remain in csv format. These should be reported as “Errant” certificates in Tab 4 of the Workbook.
* ACP receipt received from the MassCEC for RPS, APS and CPS (but not for CES ACP). *If no ACP is required to be paid for RPS/APS/CPS, no receipt is required.*
* An optional cover message and/or attached letter that provides any additional information or explanation.
* Certification of Accuracy and Non-Double Counting: Each filing must be signed by a duly-Authorized Representative of the Retail Electricity Supplier who shall certify that the information in the filing is true, accurate, and complete, and that the RPS, APS and CPS Generation Attributes reported for RPS, APS or CPS compliance in the filing have neither been sold, retired, claimed or represented as part of electrical energy output or sales, nor used to satisfy obligations in jurisdictions other than Massachusetts.

**If the Filingis incomplete or in any other way unsatisfactory**, **DOER will notify the LSE’s Contact Person(s) and/or Authorized Representative, as appropriate,**

**NOTE that failure to comply** with the requirement of 225 CMR 14.00, 15.00, or 16.00 and 225 CMR 21.00 will subject a Retail Electricity Supplier to the Non-Compliance provisions in 225 CMR 14.12, 15.12, 16.12, and 21.12. DOER retains the right, under 225 CMR 14.11, 15.11, 16.11 and 21.11 to audit the accuracy of all information submitted in or with this Filing, as well as to conduct on-site inspections and to copy records related to RPS, APS or CPS compliance**.**

***NOTE* that failure to comply** with the requirement of 310 CMR 7.75 (CES) may subject a Retail Electricity Supplier to enforcement actions.

**Questions?**

***For RPS/APS/CPS*** Email [doer.rps@mass.gov](mailto:doer.rps@mass.gov)

***For CES*** Email [climate.strategies@mass.gov](mailto:climate.strategies@mass.gov)

# Introduction to the 2021 Compliance Filing

Under RPS, APS, CPS and CES regulations each Retail Electricity Supplier (“Supplier”) serving retail load in Massachusetts (a.k.a. Load Serving Entity or LSE) must demonstrate compliance annually with 9 different Minimum Standards: RPS Class I (including Solar Carve Out and Solar Carve Out II), the RPS Class II Renewable, the RPS Class II Waste-to-Energy, the Alternative Portfolio Standard, the Clean Peak Energy Standard, the Clean Energy Standard (under the MassDEP) and the Clean Energy Standard-Existing (also under the MassDEP).

RPS compliance means that the mandated percentage (Minimum Standard) of the Supplier’s annual electricity supplied to End-Use Customers, inclusive of line losses, incurred in delivering that supply (together termed “Retail Load Obligation” or just “Load Obligation”), is covered by the Supplier’s ownership of Generation Attributes associated with the output of electric Generation Units qualified by the DOER for RPS Class I (including Solar Carve-Out and Solar Carve-Out II) or Class II or Alternative Compliance Credits.

APS compliance means that the APS-mandated percentage of the annual Load Obligation is covered by the Supplier’s ownership of Generation Attributes (Alternative Energy Credits or AECs) associated with the efficiency- and fuel-adjusted, net output of energy from facilities qualified by DOER for APS, or Aternative Compliance Credits.

CPS compliance means that the CPS-mandated percentage of the annual Load Obligation is covered by the Supplier’s ownership of Generation Attributes associated with the net output of energy from facilities qualified by DOER for CPS, or Clean Peak Energy Credits (CPECs) or Alternative Compliance Credits.

CES Compliance means that the CES-mandated percentage of the annual Load Obligation is covered by the Supplier’s ownership of Clean Energy Certificates (CECs) or Alternative Compliance Certificates. All RPS Class I renewable generation certificates also represent Clean Energy Certificates. Compliance with the RPS Class I Minimum Standard will go towards meeting the overall CES compliance.

CES Compliance means that the CES-mandated percentage of the annual Load Obligation is covered by the Supplier’s ownership of Clean Energy Certificates (CECs) or Alternative Compliance Certificates. All RPS Class I renewable generation certificates also represent Clean Energy Certificates. Compliance with the RPS Class I Minimum Standard will go towards meeting the overall CES compliance.

The RPS, APS, CPS and CES Minimum Standards for 2021 are shown in the tables below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **RPS Class I, including Solar Carve-Outs** | | | | | | |
| **RPS CLASS I RENEWABLE**  **Including Solar Carve-Outs** | | **SOLAR CARVE OUT** | | **SOLAR CARVE OUT II** | |
| **Exempt Load Under Contract** | **MINIMUM STANDARD** | **Exempt Load Under Contract** | **MINIMUM STANDARD** | **Exempt Load Under Contract** | **MINIMUM STANDARD** | |
| Before 1/1/2019 | 16.0% | Before 6/28/2013 | 1.0810% | Before 4/25/2014 | 0.0000% | |
| On or after 1/1/2019 | 18.0% | On or after 6/28/2013 | 1.6229% | On or after 4/25/2014 and before 5/8/2016 | 2.6720% | |
|  |  | On or after 5/8/2016 | 3.9284% | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **RPS CLASS II** | | **APS** | | **CPS** | | |
| **RPS Class II Renewable** | **RPS Class II**  **Waste-to-Energy** | **Alternative Energy Portfolio Standard** | **Clean Peak Standard** | | |
| **MINIMUM STANDARD** | **MINIMUM STANDARD** | **MINIMUM STANDARD** | **Exempt Load Under Contract** | | **MINIMUM STANDARD** |
| 3.5634% | 3.70% | 5.25% | Before 1/1/2021 | | 0% |
| On or after 1/1/2021 | | 3.0% |

***NOTE***Each of the 6 classes of Certificates can be used ***only*** for meeting the Minimum Standard for the same class for which it is denoted. ***HOWEVER***, SRECs and SREC IIs are types of Class I RECs and *can* be used towards meeting non-SCO, RPS Class I compliance, but an SREC cannot be used to meet SREC II compliance and vice versa.

***NOTE***  If a Supplier has not acquired by enough Certificates to meet one or more of the Minimum Standards for 2021 by June 15, 2022 (when Q4 2021 GIS Certificate trading ends), it must obtain the equivalent quantity of Alternative Compliance Credits (each denominated as one MWh) equal to its shortfall by making an Alternative Compliance Payment (“ACP”) to the Massachusetts Clean Energy Center (“MassCEC”) at the 2021 Alternative Compliance Payment rate for each standard. The ACP rate per MWh are listed in Table 15 of the Workbook. The information in Table 15 is copied, in turn, to Tab N, which the Supplier will use to notify MassCEC about the details behind its ACP wire transfer.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CES** | | **CES-E** | | |
| **Clean Energy Standard** | **Clean Peak Standard - Existing** | | |
| **MINIMUM STANDARD** | **Exempt Load Under Contract** | | **MINIMUM STANDARD** |
| 22.0% | Before 10/4/2019 | | 0% |
| On or after 10/4/2019 | | 20.0% |

***NOTE:***  The overall RPS CLASS I compliance obligation (Including the SOLAR CARVE-OUTs) qualifies to meet the CES obligation. The MassDEP has a different payment method for CES and CES-E ACP (see below under CES instructions).

**All information submitted in or attached to the *Filing* is considered to be a public record, *except* for (a) Load Obligation, price, inventory, and product delivery data in the *Compliance Filing Workbook* and the (b) attached NEPOOL GIS reports**, as provided in 225 CMR 14.09(1)(b), 15.09(1)(b), 16.09(1)(b) and 310 CMR 7.75

DOER interprets this to mean that it must keep confidential, to the extent permitted by law, the quantitative information for individual products, but that it may make public the following: all company and product names, all per-company data for regulated utilities (but not their sources of GIS Certificates), and *aggregated* totals of all data for competitive Suppliers.

**This *Filing* uses the terms, definitions, and standards of the RPS Class I, RPS Class II, and APS regulations in effect for 2021, posted on the DOER regulations page of DOER’s RPS/APS website**.

**This *Filing* uses the terms, definitions, and standards of the Clean Peak Energy Standard regulations in effect for 2021, posted on the DOER regulations page of DOER’s CPS website**

**This *Filing* also uses the terms, definitions, and standards of the Clean Energy Standard (CES or CES-E) (310 CMR 7.75) regulations in effect for 2021, available on the** [**MassDEP Regulations page**](https://www.mass.gov/doc/310-cmr-700-air-pollution-control-regulations).

All terms are understood as referring to their usage for Massachusetts RPS, APS, CPS and CES and not for such programs in other states.

Whenever the Instructions use “RPS” without further specification, it means both RPS Class I and RPS Class II.

The “Department” or “DOER” refers to the Massachusetts Department of Energy Resources.

“MassDEP” refers to the Massachusetts Department of Environmental Protection.

# General Instructions for the Compliance Filing Workbook

The 2021 Compliance Tables for the 8 Minimum Standards plus the MassDEP GHG Emissions report are provided as electronic worksheets in an Excel workbook – ***RPS/APS/CPS/CES 2021 Annual Compliance Workbook***. The entire *Workbook*, completed and signed, must be emailed as described above as an Excel file (***not*** PDF) by the Filing deadline of Friday, July 1, 2022.

If you utilize ACPs, then you must wire the ACP payment to MassCEC according to their wire instructions. Then you must copy Tab N to a new file, and email that file to the MassCEC (treasury@masscec.com).

The only tables that do *not* require data entry by *all* Filers are numbers 2A, 2B,2C, 2D, 2E, 4 and 15. *If* you have Certificate shortfalls for any of your 8 compliance obligations, it will appear in Table 16: Alternative Compliance Payment (ACP) Calculation for All Classes.

1. Filer Info

In 1.1, use the legal name under which you conduct business in the Massachusetts retail electricity market. That name will be copied to all other tabs in the *Workbook*.

The name and title of the Authorized Representative in 1.4 will be copied to Section 3 of the *Workbook*, where that person will sign Tab C. Certification and Tab A. Authorization.

2. Prelim

Preliminary Information and Disposition of SRECs and SREC IIs

Table 1A is for supply data that will be used in all of the Compliance Tables (Tabs 5 through 13). Tables 1B and 1C are optional and are in10ded to help you to allocate your SRECs and SREC IIs, if necessary.

Table 1A. 2021 Retail Products and Load Obligations

Column B: NEPOOL GIS Sub-Account and/or Product Name

Enter in the rows of this column the names of all of the NEPOOL GIS Sub-accounts where MA retail sales (Retail Load Obligation) have been recorded and where RPS, APS Certificates have (or should have) been settled. You may *add* to the GIS Sub-account names any descriptive labels that might assist DOER in its evaluation of your compliance documentation. This list will be copied automatically to the other Tables.

**Column C: Total Electricity Supplied under all retail contracts (per 90-Day Resettlement figures from DOER)****[[1]](#footnote-1) MOST IMPORTANT ENTRY IN THE WORKBOOK!**

For each row, enter as your retail sales quantity for that Sub-Account or Product. Your Retail Load Obligation is defined by DOER as the total of the 12 monthly 90-Day Resettlement figures (a.k.a., the Data Reconciliation Process figures) for all of your retail load assets in Massachusetts (with the exception of “station service”).

***Your total MWh figure for this table must equal the Total of the Load Obligation spreadsheet that DOER emailed to you.***

The data that were provided to you represented each retail load asset for each month by your host utilities, the regulated distribution utilities, in whose franchise territories you sold electricity to End-use Customers. The data you received from DOER has been provided to DOER by the regulated utilities on a confidential basis. That total should be the same as the total that you can calculate from the data provided to you separately by your host utilities. That total is *not*, on the other hand, likely to match the total of the Load Obligation Certificates minted in your GIS account during the four quarters of the year, due to the delayed schedule by which the ISO New England reports 90 Day Resettlement data to the NEPOOL GIS. DOER’s prescribed procedure is meant to correct for those delays. **See** the *Guideline* cited in footnote 1 for clarification and explanation of this procedure and of DOER’s interpretation of the RPS, APS and CPS Regulations on this subject.

The *Guideline* provides for and details several possible **adjustments** to the Retail Load Obligation figures that DOER provided to you. You should have contacted DOER immediately if you regarded any adjustment to be needed:

1. Upon receipt of the figures, you should have inspected them and, if you found any discrepancies, contacted both the relevant utility and DOER immediately to ascertain the correct figures. Errors do occur.
2. If you engaged in any inter-LSE transfers of Load Obligation Certificates at the GIS during the Trading Year, you must inform DOER and provide documentation (detailed in the *Guideline*). This should occur only rarely.

The RPS regulations at 225 CMR 14.09(2)(b) also provide that your total retail sales for each MA Retail Electricity Product be “verified by an independent third party satisfactory to the Department.” DOER considers the Load Obligation data that it receives from the regulated distribution utilities (on a confidential basis) as such independent verification. Any variance from those figures must be documented as detailed herein and in the *Guideline*. In addition, DOER reserves the right to require additional documentation directly from any Supplier, including the possibility of an independent audit.[[2]](#footnote-2)

Table 1B. Final Disposition of SRECs (in 2. Prelim tab)

This optional table is meant to assist each Supplier in understanding its options for the best use of SRECs, especially during years of oversupply, as well as in allocating *all* of its SRECs. It does this by providing a reminder of the several options, which may have different financial values. Those options are the following:

* banking for future SCO compliance
* deposit into the Solar Clearinghouse Auction Account for sale in this year’s Auction(s) or for return to you with an ex10ded life,
* compliance with the non-SCO portion of the Class I Minimum Standard, ***but***
* ***not*** for compliance with the SCO II.

In addition to those options, a Supplier can obtain value by (a) settling SRECs into a Green Product subaccount as Voluntary RECs in quantities above and beyond what is required for SCO compliance; or (b) selling SRECs to non-GIS entities and retiring them on behalf of such entities by transferring them into the GIS Reserved Account.

This table is also meant to enable DOER to understand for itself and to share in its *Annual Compliance Report* the manner in which SRECs were used within and beyond the RPS marketplace during the Compliance Year.

Table 1C. Final Disposition of SREC IIs (in 2. Prelim tab)

This optional table does the same for SREC IIs as the previous Table IB does for SRECs, and it is identically structured.

TAB 2A: RPS CLASS I Exemption

**Electricity Supplied under Retail Contracts Executed or Ex10ded Before**

**January 1, 2019**

This worksheet (Tab 2a. RPS Class I Exempt) enables Retail Electricity Suppliers to document any Retail Load served under contracts executed or ex10ded before January 1, 2019. Any exempt load reported must incorporate line losses.

The explanation and additional instructions for this procedure, including definition/determination of a contract ex10sion and required documentation, are included in the  [*RPS Class II & APS Compliance Basis Guideline*](https://www.mass.gov/files/documents/2016/08/vk/guideline-on-rps-ii-and-aps-compliance-basis-052510.pdf?_ga=2.85396185.1560526004.1549889219-834529229.1547571937) (*5/25/10). Please note that the exemption of load served under a qualifying exempt contract ends on the effective date of that contract’s subsequent ex10sion*.

The MWh data will be copied to Columns D and E in Table 5 for RPS Class I Compliance. Different Minimum Standards apply to these columns (see Columns L and M of Table 5).

Enter the data for Table 2Ai to the best of your ability to project qualified exempt electrical load in future years. This data is for both DOER planning purposes and for providing aggregated market information to all participants. All such projections are understood as approximations and subject to change over time.

TAB 2B: SCO Exemption

**Electricity Supplied under Retail Contracts Executed or Ex10ded Before**

**June 28, 2013**

This worksheet (Tab 2b. SCO Exempt) enables Retail Electricity Suppliers to document any Retail Load served under contracts executed or ex10ded before June 28, 2013. Any exempt load reported must incorporate line losses.

The explanation and additional instructions for this procedure, including definition/determination of a contract ex10sion and required documentation, are included in the  [*RPS Class II & APS Compliance Basis Guideline*](https://www.mass.gov/files/documents/2016/08/vk/guideline-on-rps-ii-and-aps-compliance-basis-052510.pdf?_ga=2.85396185.1560526004.1549889219-834529229.1547571937) (*5/25/10). Please note that the exemption of load served under a qualifying exempt contract ends on the effective date of that contract’s subsequent ex10sion*.

The MWh data will be copied to Columns D and E in Table 6 for Solar Carve-Out Compliance. Different Minimum Standards apply to these columns (see Columns L and M of Table 6).

Enter the data for Table 2Bi to the best of your ability to project qualified exempt electrical load in future years. This data is for both DOER planning purposes and for providing aggregated market information to all participants. All such projections are understood as approximations and subject to change over time.

**TAB 2C: SCOII Exemption**

**Electricity Supplied under Retail Contracts:**

**Executed or Ex10ded Before April 25, 2014, and**

**Executed or Ex10ded On or After April 25, 2014 and Before May 8, 2016**

This worksheet (Tab 2C. SCO-II Exempt) enables Retail Electricity Suppliers to document any Retail Load served under contracts executed or ex10ded before April 25, 2014, and under contracts executed or ex10ded on or after April 25, 2014, and before May 8, 2016. Exempt load is reported in Columns F and H respectively in Table 2c. Any exempt load reported must incorporate line losses.

The explanation and additional instructions for this procedure, including definition/determination of a contract ex10sion and required documentation, are included in the  [*RPS Class II & APS Compliance Basis Guideline*](https://www.mass.gov/files/documents/2016/08/vk/guideline-on-rps-ii-and-aps-compliance-basis-052510.pdf?_ga=2.85396185.1560526004.1549889219-834529229.1547571937) (*5/25/10). Please note that the exemption of load served under a qualifying exempt contract ends on the effective date of that contract’s subsequent ex10sion*.

Enter the data for Table 2Ci to the best of your ability to project qualified exempt electrical load in future years. This data is for both DOER planning purposes and for providing aggregated market information to all participants. All such projections are understood as approximations and subject to change over time.

TAB 2D: CPS Exemption

**Electricity Supplied under Retail Contracts Executed or Ex10ded Before**

**January 1, 2021**

This worksheet (Tab 2Dd. CPS Exempt) enables Retail Electricity Suppliers to document any Retail Load served under contracts executed or ex10ded before January 1, 2021. Any exempt load reported must incorporate line losses.

The explanation and additional instructions for this procedure, including definition/determination of a contract ex10sion and required documentation, are included in the  [*RPS Class II & APS Compliance Basis Guideline*](https://www.mass.gov/files/documents/2016/08/vk/guideline-on-rps-ii-and-aps-compliance-basis-052510.pdf?_ga=2.85396185.1560526004.1549889219-834529229.1547571937) (*5/25/10). Please note that the exemption of load served under a qualifying exempt contract ends on the effective date of that contract’s subsequent ex10sion*.

The MWh data will be copied to Columns D and E in Table 11 for CPS Compliance. The CPS exempt load is not subject to a Minimum Standard.

Enter the data for Table 2Di to the best of your ability to project qualified exempt electrical load in future years. This data is for both DOER planning purposes and for providing aggregated market information to all participants. All such projections are understood as approximations and subject to change over time.

TAB 2E: CES-E Exemption

**Electricity Supplied under Retail Contracts Executed or Ex10ded Before**

**October 4, 2019**

This worksheet (Tab 2E. CES-E Exempt) enables Retail Electricity Suppliers to document any Retail Load served under contracts executed or ex10ded before October 4, 2019. Any exempt load reported must incorporate line losses. This exempt load is not subject to a Minimum Standard.

The explanation and additional instructions for this procedure, including definition/determination of a contract ex10sion and required documentation, are included in the  [*RPS Class II & APS Compliance Basis Guideline*](https://www.mass.gov/files/documents/2016/08/vk/guideline-on-rps-ii-and-aps-compliance-basis-052510.pdf?_ga=2.85396185.1560526004.1549889219-834529229.1547571937) (*5/25/10). Please note that the exemption of load served under a qualifying exempt contract ends on the effective date of that contract’s subsequent ex10sion*.

The MWh data will be copied to Columns D and E in Table 13. CES-E Compliance. The CES-E exempt load is not subject to a Minimum Standard.

Enter the data for Table 2Ei to the best of your ability to project qualified exempt electrical load in future years. This data is for both DOER planning purposes and for providing aggregated market information to all participants. All such projections are understood as approximations and subject to change over time.

TAB 4. Errant

CY 2021 Generation Attributes/Certificates NOT Documented by Appropriately-Settled NEPOOL GIS Generation Unit Certificates ("Errant Certificates")[[3]](#footnote-3)

Table Four is for information about 2021 RPS/APS/CPS/CES/CES-E Generation Attributes/Certificates that (a) are from RPS/APS/CPS/CES/CES-E qualified Generation Units that participated in the NEPOOL GIS, but that (b) cannot, for *whatever* reason, be documented by NEPOOL GIS “My Settled Certificates Reports” or that were not, for whatever reason, encoded as having RPS or APS Attributes. This should not occur, but on rare occasions it does. The response by a Certificate owner upon realization of the error should be to contact the NEPOOL GIS Administrator at [gis@apx.com](mailto:gis@apx.com) to ask for guidance, which might include referral to DOER for approval.

*If timely resolution cannot be reached at the GIS* and the certificates remain “unsettled” or improperly encoded, then the Certificate owner must request permission of DOER and/or MassDEP in the case of CES and CES-E, to use these certificates for RPS/APS/CPS/CES/CES-E compliance. In that case, the owner must explain the failure to encode or to complete certificate transfer or settlement on time. If the GIS Certificates were not settled into product sub-accounts, then the Filer must email to DOER copies of the relevant quarterly “Unsettled Certificates” reports as downloaded, un-revised, comma separated, Excel spreadsheets. A similar procedure applies if the Certificates were transferred to the Reserved Certificates account (the latter can occur when a Supplier’s Load Obligation in Quarter 4 is lower than the quantity of Certificates that is needed for compliance, especially if all of the year’s Certificates were banked to or acquired in Quarter 4).

Documentation of the information must be provided as an attachment to the *Filing*. If documentation is not provided as NEPOOL GIS reports, then the attached documentation must be specifically verified by an independent third party satisfactory to DOER***, a matter that you must discuss with DOER ahead of time***. Finally, documentation must include a separate, hard-copy letter of assurance satisfactory to the Department that **“the** *[name the type and describe the certificates]***have not otherwise been, nor will be, sold, retired, claimed or represented as part of electrical energy output or sales, or used to satisfy obligations in jurisdictions other than Massachusetts”**, signed by the Authorized Representative who signs the *Filing*.

Note that the total for each of the several types of Attributes/Certificates will be copied automatically from Table 4B to a cell just under the Total cell for the “Not Documented” columns. *If the value copied from Table 4B does not match the relevant Total cell in a compliance table, then either you have made an error and must correct it, or you must attach an explanation with the Filing.*

***Contact the RPS Program Manager for further guidance on satisfactory documentation and verification, or for situations not clearly covered here.***

TAB 5: RPS I non-SCO

**Table 5: RPS Class I Annual Compliance Calculations (net of the Solar Carve-Outs)**

**RPS Class I Compliance Table – Brief Summary**

The name of each Massachusetts NEPOOL GIS sub-account will be copied from Column B of Table 1A to Column B of this table. In addition, the total quantity of electricity sold (Retail Load Obligation) under each product will be copied automatically from Column C of Table 1A to Column C of this table. The information in Columns B and C of Table Two also will be copied automatically to the other 5 Compliance Tables.

The total quantity of Class I Exempt Load will be copied to Column D from Column F of Table 2A. The total net quantity of Class I Load will be copied to Column E from Column G of Table 2A.

In Columns F through I, enter the quantity of RPS Class I Renewable Generation Attributes[[4]](#footnote-4) that you have acquired (either as CY 2021 GIS Certificates. Errant or Banked from the two previous CY Filings) and now own for the purpose of RPS Class I Annual Compliance in CY 2021. See the Detailed Instructions below.

*Most of the instructions for Table 5 are identical to the instructions for Tables 6 through 11.*

**Procedure for Determination of Retail Sales as Retail Load Obligation:**

In accordance with the [*Guideline*](http://www.mass.gov/eea/docs/doer/rps-aps/rps-compliance-basis-guideline.pdf)dated May 24, 2012,[[5]](#footnote-5) and subject to certain adjustments provided in that *Guideline*, each Supplier will regard and use as the total electricity sold to its End-Use Customers (Table 1A, Column C) the figure provided by DOER in a “Load Obligation” spreadsheet attached to an email sent to the Supplier in mid-May. That figure should be the *same* as the total that the Supplier can calculate from data provided to it separately by its host utilities. However, that figure is *not* likely to match the total of the Load Obligation Certificates minted in its GIS account during the four quarters of the year, due to the delayed schedule by which the ISO New England reports 90 Day Resettlement data to the GIS Administrator. The *Guideline* and the procedure detailed therein are meant to correct for those delays and to ensure that all Suppliers use the same basis for their compliance calculations.

**REC Data and Formulas:**

Enter the Attribute/Certificate quantities in the appropriate Columns D through G of Table 5 for RPS Class I. The remaining columns of Table 5 (H through M) are explained in the respective column headings themselves; all of the cells in these columns are self-calculating by locked formulas, as will be noted below.

Those automatic calculations in Columns H through J of Tables 5, provide, in reverse order, the quantity of Certificates that are required for compliance (Column J), the quantity reported (Column I), and the amount of each of the compliance obligations that must be met through the Alternative Compliance Payment (ACP) mechanism (Column H).

The automatic calculations in the last three columns of each Compliance Table provide the number of banked Attributes of each Compliance type that can be banked forward for use towards compliance in the following two Compliance Years (2023 and 2023).

**Detailed Column Instructions for RPS Class I Compliance and Documentation of Information**

Column B: Sub-Account and/or Product Name

This information will be copied automatically from Table 1A, Column B and cannot be changed here.

Column C: Total Electricity Sold in CY 2021 for each Retail Electricity Product[[6]](#footnote-6)

This information will be copied automatically from Table 1A, Column C and cannot be changed here.

Column D: Total Electricity Sold in CY 2021 for each Retail Electricity Product that were Executed or Ex10ded before January 1, 2019.

This information will be copied automatically from Table 1A, Column F and cannot be changed here.

Column E: Total Electricity Sold in CY 2021 for each Retail Electricity Product that were Executed or Ex10ded on or after January 1, 2019.

This information will be copied automatically from Table 1A, Column G and cannot be changed here.

Column F: CY 2021 NEPOOL GIS MA Class I Renewable Generation Unit Certificates[[7]](#footnote-7)

List the total quantity of MA Class I Renewable Generation Unit Certificates (RECs[[8]](#footnote-8)) recorded for each Retail Electricity Product in your relevant NEPOOL GIS subaccounts. Include all settled non-solar carve out RECs in10ded to meet RPS Class I compliance (but not CES compliance) and for future banking of RPS Class I RECs.

Documentation for Column F.

For all RECs shown, please provide documentation as an **Attachment** to the *Filing*. **That documentation shall consist of the NEPOOL GIS “My Certificates Disposition” “Settled” report for the 2021 Compliance Year. In addition, please note the following additional instructions, including and an important new one on file formats and filenames:**

* Although, for your own purposes, you can sort, filter, calculate, etc., downloaded GIS spreadsheets, DOER requires that you submit for your Compliance Filing the original downloaded version of each. In particular, **you may not delete, hide, or omit any rows of the GIS reports, including those for Unassigned, Unsettled, or Residual Mix certificates, and you may not delete any rows for other states.**
* You must not download the GIS report until after the end of the fourth quarter’s trading period. To do it prematurely can result in data that has not been finalized at the end of a year.
* Download each of the report as a **comma-separated value (csv) formatted MS Excel file.**
* DOER will ***not*** accept GIS reports that are not named and formatted as specified above
* Please do not mail hard copies of these GIS reports.

***NOTE!*** *If you use any SRECs or SREC IIs for non-Solar Carve-Out Class I compliance, you* **must** *indicate their quantities in row “i” of Table 1B or 1C.*

***NOTE!*** *If* **any** *of your certificates were* **not** *settled in retail product sub-accounts or were* **not** *correctly encoded for RPS, you must* **not** *include them in Column D figures. Instead, you* **must** *include them in Column G* **and** *in Table Four.*

Column G: CY 2021 RPS Class I Attributes not Documented by Settled NEPOOL GIS MA Class I Renewable Generation Unit Certificates[[9]](#footnote-9)

Column G is for 2021 RPS Class I Renewable Generation Attributes that cannot, for what**ever** reason, be documented by NEPOOL GIS “My Settled Certificates Disposition” reports. For the quantity of MA Class I Renewable Generation Attributes listed in Column G of the Compliance Table, if any, provide information in Table Four. See the Instructions for Table Four. The number, if any, in the Total cell of Column G must equal the MWh total for RPS I RECs in Table 4B, which will be copied automatically from Table Four to a cell beneath the Total cell of Column G. If the two values do not match, either you have made an error and should correct it, or you must include or attach an explanation with your *Filing*.

Columns H & I: Banked Attributes from the CY 2018 and/or 2019 *Annual Compliance* *Filings*[[10]](#footnote-10)

If you have Banked Attributes from 2019 (from Certificates approved by DOER as bankable surplus RECs from your 2019 Filing *and not used for your 2020 Filing*), enter them in Column F. *If any 2018 banked RECs are not used for CY 2021 compliance, they will expire as unused.*

If you have Banked Attributes from 2020 (from Certificates approved by DOER as bankable surplus RECs from your 2020 *Filing*), enter them in Column G. Any Banked Certificates from 2020 could be held and used for CY 2022 compliance instead.

***NOTE! Banking has a different definition between NEPOOL-GIS and DOER! Surplus Attributes (RECs) cannot be banked between years within the NEPOOL- GIS.***

***Rather, they can be banked only by means of the RPS compliance filing****.* Thus, for MA RPS, the RECs ***must*** be submitted and documented in your MA RPS annual compliance filing in order to be counted as surplus and, thereby, to be confirmed by DOER as banked for compliance in subsequent years. The NEPOOL GIS Reserved Account is ***not*** in10ded for banking Massachusetts RECs, SRECs, WECs, AECs or CPECs.

Column J: CY 2021 Alternative Compliance Credits (from Alternative Compliance Payments)[[11]](#footnote-11)

*Table 5 will execute this calculation automatically, and you cannot change the calculated result.*

The Compliance Table spreadsheet automatically calculates whether and in what amount you must utilize the Alternative Compliance mechanism provided in the Regulations.

Column J will subtract the Total RPS Class I Obligation less the Solar Carve-Outs, Column O, from the sum of the current year Attributes/RECs and the prior year Banked amounts, Columns F through I. The result shows the REC shortfall, or the number of Alternative Compliance Payment Credits (“ACP Credits”) that you need to make up the difference to meet the Total Obligation (Column O).

**IMPORTANT NOTE**: To obtain those ACP Credits, you will need to make an Alternative C9mpliance Payment (ACP) to the MassCEC ***no later than Wednesday*, June 29, 2022**, **i**n order for the MassCEC to have sufficient time to process the payment and e-mail you an ACP receipt that you can include with your electronic Filing by July 1.

* Table 15A of the *Workbook* will automatically calculate the amount of your ACP by multiplying the total of your unmet RPS Attribute obligation from Column H of this Table by the Class I ACP Rate for CY 2021.
* The data in Table 15A will be copied to Tab N which is a Notification form for you to email to the MassCEC notifying them of your APC remittance. Tab N also includes instructions for making the wire transfer of the ACP funds to the MassCEC.
* The MassCEC will email you a receipt that you must in turn email to DOER with your compliance filing as ACP documentation.

Column K: Total of Columns F through J for Each Product

Table 5 will execute this calculation automatically, and you cannot change the calculated result.

The column head is self-explanatory. The result(s) should equal or exceed the Column O figure(s).

Column L: Column L: Obligation for Total Electricity Sold in CY 2021 for each Retail Electricity Product that were Executed or Ex10ded before January 1, 2019.

Column L calculates the obligation for load under contracts that were executed or ex10ding before January 1, 2019.

*Table 5 will execute this calculation automatically, and you can*not *change the calculated result.*

Column M: Total Electricity Sold in CY 2021 for each Retail Electricity Product that were Executed or Ex10ded on or after January 1, 2019.

Column L calculates the obligation for load under contracts that were executed or ex10ding before January 1, 2019.

*Table 5 will execute this calculation automatically, and you can*not *change the calculated result.*

Column N: Total Load Obligation for RPS Class I before netting of Solar Carve-Outs.

Colum N adds Columns K and M.

*Table 5 will execute this calculation automatically, and you can*not *change the calculated result.*

Column O: Total Sales for each Product or Product subtotal, minus the total Solar Carve-Out and the total Solar Carve-Out II Obligations (from Tables 6 and 7)

Column O calculate the RPS Class I obligation less the Solar Carve-Outs. The result in the net obligation for RPS Class I.

*Table 5 will execute this calculation automatically, and you can*not *change the calculated result (see above under Column H).*

Columns P, Q, & R: Calculation of Excess Attributes from 2021[[12]](#footnote-12)

These three columns determine if you have any Attributes in excess of the number needed for RPS Class I compliance in CY 2021, and, if so, how many may be used for Banked Compliance in one or both of the next two Compliance Years. You cannot bank an amount greater than the banking limit.

*The spreadsheet will automatically execute these calculations, and you* cannot *change the calculated result.*

TAB 6. SCO

**Table 6: RPS Solar Carve Out (SCO) Annual Compliance Calculations**

Column D: Total Electricity Supplied in CY 2021 [including line losses] under Contracts Executed or Ex10ded on or before 6/28/2013[[13]](#footnote-13)

The data in this column will be *copied automatically* from Column F of Table 2B.

*You cannot change the information copied from that table.*

Column E: Total Electricity Supplied in CY 2021 [including line losses] under Contracts Executed or Ex10ded after 6/28/2013.

The data in this column will be *copied automatically* from Column G of Table 2B, which you have already completed.

*You cannot change the information copied from that table.*

Column F: CY 2021 NEPOOL GIS MA Solar Carve-Out Unit Certificates (SRECs)

Enter the quantity of MA SRECs for each Retail Electricity Product in the Table. These quantities are documented by the four quarterly NEPOOL GIS “My Settled Certificates.”

***NOTE!* Solar Credit Clearinghouse Auction Reminted SRECs that are vintage 2018, or 2019 are** to be treated in Table 6 the same as vintage 2021 SRECs, and NOT as “Banked” SRECs. The reason is that, unlike *Bank*ed Attributes/Certificates, they are still tradeable in the NEPOOL GIS, and must be settled in a retail subaccount in order to be used towards 2021 compliance. Enter them in column F, not in the Banked Certificates columns (H & I).

***NOTE***  Re-minted vintage 2018 SRECs have a 2-year shelf life at the GIS, so they, can be used for RPS compliance in CY 2021. ***If re-minted vintage 2018 SRECs are not used for CY 2021 compliance, they will become unsettled certificates as of midnight on June 15th***. Re-minted vintage 2019 SRECs have a 2-year shelf life and can be used through CY 2021.

***NOTE!*** *If* **any** *of your SRECs were* **not** *settled in retail product sub-accounts or were* **not** *correctly encoded as SRECs, you may* **not** *include them in Column F figures. Instead, you* **must** *include them in Column G and in Table 4A.*

Column G: CY 2021 RPS Solar Carve-Out Attributes not Documented by Settled NEPOOLGIS “MA Solar Carve-Out Unit” Certificates (SRECs)[[14]](#footnote-14)

Column G is for 2021 MA Solar Carve-Out Renewable Generation Attributes that ***cannot***, for whatever reason, be documented by NEPOOL GIS “My Settled Certificates” reports. For the quantity of MA SRECs listed in Column G of the Compliance Table, if any, provide information in Table Four. See the Instructions for Table Four. The number, if any, in the Total cell of Column G of Table 6 must equal the MWh total for SRECs in Table 4B, which will be *copied automatically* from Table Four to a cell beneath the Totals cell of Column G. If the two values do not match, either you made an error to correct, or you must include or attach an explanation with your *Filing*.

Column H: Banked Attributes from the CY 2018 Annual Compliance Filing

If you have Banked Attributes from 2018 (from Certificates approved by DOER as bankable surplus SRECs from your 2018 *Filing and not used for your 2018 Filing*), enter them here. *If 2018 banked SRECs are not used for CY 2021 compliance, they will expire as unused.*

Column I: Banked Attributes from the CY 2019 Annual Compliance Filing

If you have Banked Attributes from 2019 (from Certificates approved by DOER as bankable surplus SRECs from your 2019 *Filing*), and you choose to apply them toward your 2021 SREC compliance obligation, then enter the chosen quantity here. Any Banked SREC attribute from 2019 could be held and used for CY 2021 compliance instead.

Column J: CY 2021 Alternative Compliance Credits (from Alternative Compliance Payments)

*Follow the same instructions as for RPS Class I, Table 5, Column J.*

Column K: Total of Columns F through J for Each Product

The column heading is self-explanatory. The result(s) should equal or exceed the Column N figure(s).

*The spreadsheet will execute this calculation automatically, and you cannot change the calculated result.*

Column L: Calculation of Obligation under contracts executed before 6/28/2013 for each Product

*The spreadsheet will execute this calculation, and you cannot change the calculated result.*

Column M: Calculation of Obligation under contracts executed on or after 6/28/2013 for each Product.

*The spreadsheet will execute this calculation, and you cannot change the calculated result.*

Column N: Total CY 2021 Solar Carve-Out Obligation [=L+M]

This column calculates the compliance total of the bifurcated Minimum Standards rounded to the nearest whole MWh. [This total SCO obligation is subtracted from the overall RPS Class I Compliance Obligation in Table 5, Column O].

*The spreadsheet will execute this calculation, and you cannot change the calculated result.*

Columns O, P, & Q: Calculation of Excess Attributes from 2021

These three columns determine if you have any Attributes in excess of the number needed for RPS compliance in CY 2021, and, if so, how many may be used for Banked Compliance in one or both of the next two Compliance Years (2021 and 2021).

The Banking Limit for Solar Carve-Out Renewable Generation is **10%** of the amount needed for compliance in the year the Attributes were generated.[[15]](#footnote-15)

Explanations are in the headings of the three spreadsheet columns and are embodied in the formulas in the Totals row.

These calculations use only column totals, not individual Product figures.

If you have more surplus SRECs than the bankable limit, see options identified in the instructions for Table 1B.

*The spreadsheet will execute automatically these calculations, and you cannot change the calculated result.*

TAB 7. SCOII

Table 7: RPS Class I – Solar Carve Out II (SCO II) Annual Compliance Calculations

Column B: Sub-Account and/or Product Name

*This information will be copied automatically from Table 1A, Column B and cannot be changed here.*

Column C: Total Electricity Sold in CY 2021 for each Retail Electricity Product[[16]](#footnote-16)

*This information will be copied automatically from Table 1A, Column C and cannot be changed here.*

Column D: Total Electricity Supplied in CY 2021 under Contracts Executed or Ex10ded before 4/25/2014[[17]](#footnote-17)

The information in this column will be *copied automatically* from Column F of Table 2C. This quantity is ***exempt*** from any Solar Carve-Out II Minimum Standard.

**Column E: Total Electricity Supplied in CY 2021 under Contracts Executed or Ex10ded or or after 4/25/2014 and before 5/8/2017.**

The information in this column will be *copied automatically* from Column H of Table 2C. This quantity is subject to a Solar Carve-Out II Minimum Standard.

**Column F Total Net Electricity Supplied in CY 2021 under non-Exempt Contracts**

The information in this column will be *copied automatically* from Column I of Table 2C. This quantity is subject to a Solar Carve-Out II Minimum Standard.

Column G: CY 2021 NEPOOL GIS MA Solar Carve-Out II Generation Certificates (SREC IIs)[[18]](#footnote-18)

Enter the quantity of MA SREC IIs for each Retail Electricity Product in this Column. These quantities are documented by the NEPOOL GIS “My Certificates Disposition” report(s), which already have been explained above in the instructions for Column D of Table 5, Class I.

***NOTE!*** **Solar Credit Clearinghouse Auction Re-minted SRECs IIs** are to be treated in Table 6 the same as vintage 2021 SREC IIs, not as “Banked” SREC IIs. The reason is that, unlike *Bank*ed Attributes/ Certificates, they are still tradeable in the NEPOOL GIS, and must be settled in a retail subaccount in order to be used towards 2021 compliance. Enter them here in column G, not in the *Banked* Certificates columns (I and J).

***NOTE!*** *If* **any** *of your SREC IIs were* **not** *settled in retail product sub-accounts or were* **not** *correctly encoded as SREC IIs, you may* **not** *include them in Column F figures. Instead, you* **must** *include them in Column H and in Table 4A.*

Column H: CY 2021 RPS Solar Carve-Out Attributes not Documented by Settled NEPOOL GIS SCO II Certificates [SREC IIs][[19]](#footnote-19)

Column H is for 2021 MA Solar Carve-Out II Renewable Generation Attributes that ***cannot***, for whatever reason, be documented by NEPOOL GIS “My Certificates Disposition” report(s). For the quantity of MA SREC IIs listed in Column G of the Compliance Table, if any, provide information in Table Four. The number, if any, in the Total cell of Column G must equal the MWh total for SREC IIs in Table 4B, which will be *copied automatically* from Table Four to a cell beneath the Totals cell of Column G. If the two values do not match, either you have made an error and should correct it, or you must include or attach an explanation with your *Filing*.

Column I: Banked Attributes from the CY 2018 Annual Compliance Filing

If you have SREC Banked Attributes from 2018 (from Certificates approved by DOER as bankable surplus SRECs from your 2018 *Filing and not used for your 2018 Filing*), enter them here. *If 2018 banked SRECs are not used for CY 2021 compliance, they will expire as unused.*

Column J: Banked Attributes from the CY 2019 Annual Compliance Filing

If you have SREC II Banked Attributes from 2019 (from Certificates approved by DOER as bankable surplus SREC IIs from your 2019 *Filing*), and you choose to apply them toward your 2021 SREC compliance obligation, then enter the chosen quantity here. Any Banked SREC attribute from 2019 could be held and used for CY 2021 compliance instead.

Column K & L See descriptions for Columns J and K for SRECs above

Column M Obligation for Load under Contracts Executed or Ex10ded On or After April 25, 2014, and Before May 8, 2017

This column calculates the Compliance Obligation of the contracts executed or ex10ded after April 25, 2014, and on or before 5/8/2017. It multiplies Column E times the applicable Minimum Standard.

Column N Obligation for Load under Contracts Executed or Ex10ded On or After May 8, 2017

This column calculates the Compliance Obligation of the contracts executed or ex10ded on or after May 8, 2017. It multiplies Column F times the applicable Minimum Standard.

Column O: Total Obligation for SCO II

This column adds Columns M and N to derive the SREC II Compliance Obligation.

T*he spreadsheet will execute this calculation, and you can*not *change the calculated result.*  The result will be subtracted from the overall Class I Minimum Standard in Table 5, Column O.

TAB 8. RPS II RenEn

Table 8: RPS Class II Renewable Generation Annual Compliance Calculations

Self-explanatory. See Instructions for Table 5 for more information.

TAB 9. RPS II WasteEn

Table 9: RPS Class II Waste Energy Annual Compliance Calculations

Self-explanatory. See Instructions for Table 5 for more information.

TAB 10. APS

Table 10: APS Annual Compliance Calculations

Self-explanatory. See Instructions for Table 5 for more information.

TAB 11. CPS

Table 11: CPS Annual Compliance Calculations

TAB 12. CES

Table 12: Clean Energy Standard (CES) Annual Compliance Calculations

***NOTE!*** Suppliers may use any banked CES certificates from 2019 and/or 2020 for compliance in 2021. CES banked certificates from 2020 also could be used for 2022 compliance.

RPS banked certificates cannot be used for CES compliance and vice versa.

Column B: Sub-Account and/or Product Name

*This information will be copied automatically from Table 1A, Column B and cannot be changed here.*

Column C: Total Electricity Sold in CY 2021 for each Retail Electricity Product, as defined in 225 CMR 14.09(2)(b)[[20]](#footnote-20)

*This information will be copied automatically from Table 1A, Column C and cannot be changed here.*

*The following sequence (out-of-order) demonstrates how the net CES compliance obligation is calculated.*

Column L: Total CY 2021 Clean Energy Standard Obligation

*This information with be automatically calculated.*

Column K: CY 2021 RPS Class I Compliance Obligation

*This information with be automatically calculated.*

This column is taken from Column M of TABLE 5: Renewable Energy Portfolio Standard (RPS) Class I Annual Compliance Calculations.

Column J: CY 2021 Clean Energy Standard Net Obligation

*This information with be automatically calculated.*

This column subtracts Column K from Column L. In other words, it determines the net CES compliance obligation after subtracting the RPS Class I compliance obligation from the Total CES compliance obligation.

**Column E: CY 2021 NEPOOL GIS Clean Energy Generation Certificates (CECs) applied to 2021 CES compliance**

Enter the quantity of Clean Energy Generation Certificates (CECs) being placed towards compliance with the CES.

Column F: CY 2021 Clean Energy Attributes NOT documented by Settled NEPOOL GIS CECs

*This information will be copied automatically from Table 4.*

Column H CY 2021 Clean Energy Compliance Credits, from ACPs

*Automatically calculated by subtracting columns D and E from column J. Result transferred to Table 13b.*

* Table 13b of the *Workbook* will automatically calculate the amount of your ACP by multiplying the total of your unmet net CES obligation from Column H of this Table by the CES ACP Rate for CY 2021.
* MassDEP will send an invoice to the supplier for the Total ACP amount in Table 13b. Payment instructions and due date will be included on the invoice.

Column I: Total Net CES Attributes

*This information will be automatically calculated.*

Columns O, P, and Q: Banking

*The spreadsheet will automatically execute these calculations, and you cannot change the calculated result.*

These three columns determine if you have any Attributes in excess of the number needed for CES incremental compliance in CY 2021, and, if so, how many may be used for Banked Compliance in 2022 or 2023. You cannot bank an amount greater than the banking limit.

**TAB 13. GHG**

Calculations of Biogenic and Non-Biogenic GHG Emissions represented by NEPOOL-GIS renewable or clean energy certificates

Please see the instructions on tab 13. GHG of the RPS/APS/CES/CPS 2021 Annual Compliance Workbook.

TAB 14. GREEN

Table 14: Green Power Product Calculation (RPS Class I Only)

Table 14 is for information to document your use of 2021 RPS Class I Renewable Generation Attributes to satisfy the marketing claims of Green Power Products, *as distinguished from* your use of *other* 2021 RPS Class I Renewable Generation Attributes for 2021 RPS compliance. Each Product listed in this Table should *also* appear as a separate sub-account in your GIS documentation and, therefore, must be listed as a separate sub-account in the RPS Class I Compliance Table 5 of this *Filing*, along with its total retail sales carried forward from Table 1A (Tab 2. Prelim).

Please entire in Column E of Table 15 the 2021 RPS Class I Renewable Generation Attributes used to fulfill product marketing claims over and above the compliance obligation for the same sub-account shown in Table 5. The GIS My Certificates Disposition Report should include for each Green sub-account all of the RPS Class I renewable certificates used to fulfill the standard obligation and the green marketing claims (i.e., the sum of all such RPS Class I renewable certificates for each sub-account should equal the amount reported in Table 5 and the amount reported in Table 15).

***Note*: I**f you transferred any RPS Class I RECs into the NEPOOL GIS **Reserved Account** as Voluntary Renewable Energy for individual retail customers *in Massachusetts*, you must inform DOER and attach to your emailed *Filing* a spreadsheet formatted copy of the relevant documentation. That is because those “VRECs” can qualify for the set-aside of Carbon Allowances under provisions of the Regional Greenhouse Gas Initiative (“RGGI”). See the information on Green Power Products and RGGI, on pages 24-25. If you have any questions about this provision please contact the RPS Program Manager.

TAB 15. ALL ACPs

Table 15A shows the calculated ACP owed by each class (except incremental CES) and the resultant total ACP. This table cannot be modified. The results of Table 15A are carried forward to Tab N which must be emailed to MassCEC when payment is made.

Table 15B shows the calculated ACP owed for incremental CES. This table cannot be modified. MassDEP will send an invoice to the Supplier for the total amount it owes in ACP. See notes on Table 15B for additional instructions.

TABS C and A

This section consists of the last two worksheets, which are unnumbered but labeled as tabs C and A.

The first worksheet is a form on which the Authorized Representative named in Section 1.4 must sign and date two statements by which he or she certifies that the Generation Attributes used for RPS, APS, CES and CPS compliance have not been double-counted by any other use, and that the *Filing* is true, accurate, and complete.

The second worksheet, for which instructions appear on the first one, is meant to assure DOER that the Authorized Representative is, in fact, authorized by the filing entity to sign the *Filing*. **You *must* enter the “basis for this Statement of Authorization” in the large text box.** Note that the filing entity *may* substitute its own document to assure DOER of the Authorized Representative’s authorization.

These two pages should be electronically sighed by the Authorized Representative. Alternatively, they could be printed out, signed, saved and scanned as a pdf and emailed to DOER along with the rest of the LSE’s filing.

TAB N

Notification and Instructions for Wiring ACPs to the MassCEC

Tab N is for LSE’s that have an RPS or APS ACP only. See Table 11 for CES ACP instructions.

Tab N is to be used to notify the Massachusetts Clean Energy Center (MassCEC) of the types and amounts of any ACPs that the Supplier is using toward RPS and ACP compliance in lieu of available Certificates. The table on this tab will populate automatically from Table 12. The only additional information that must be added is the Contact Information under the Retail Supplier name. You may use information from Tab 0 or, if you prefer, enter different information for ACP remittance purposes. In addition, a cell is provided on this form in case the wire transfer will have a different name on it than the Retail Supplier name; if that is *not* the case, simply leave it blank.

***NOTE!*** Only one Alternative Compliance Payment is required to cover all classes owing an ACP.

You must e-mail this ACP Notification form to the MassCEC on the same day as you wire the ACP(s), so that the MassCEC can match the amount of the remittance to your Supplier name and to your particular ACP Credits. Please print and email Tab N to:

finance@masscec.com

If you have any questions about the wiring instructions or wiring *procedure*, please contact MassCEC at:

finance@masscec.com.

The MassCEC will, upon receipt of your ACP(s), email you an ACP Receipt that lists the dollar amounts and MWh of Credits for each type and class of ACP that you remit.

***NOTE!*** Upon receiving your ACP Receipt, you must email it to DOER as part of your Compliance Filing.

***NOTE!*** The ACP should be made no later than Wednesday, June 29, 2022

1. However, do ***not*** delay email submission of your Compliance Filing if you have not yet received your ACP Receipt from MassCEC. *Email the Filing* ***on time,*** *and then email the ACP Receipt to the same DOER email address as soon as you receive it.*

***NOTE!*** If no ACP is made, no receipt is required by DOER.

## Guideline on Retail Electricity Products, Green Power Products, and RGGI[[21]](#footnote-21)

* **Retail Electricity Products**

Retail Electricity Suppliers are reminded that they are required to be in compliance in each Compliance Year with regard to each individual Retail Electricity Product that they offer, and that each such Retail Electricity Product (including Basic Service) must have its own sub-account at the NEPOOL GIS. The DOER will accept GIS Certificates as documentation for RPS and APS compliance only if the Certificates are included in “My Certificates Disposition Report” from NEPOOL GIS sub-accounts. However, DOER may accept other GIS Certificates in its sole discretion and only under unusual circumstances.

**Retail Electricity Product** is defined in the RPS and APS regulations at 225 CMR 14.02, 15.02, and 16.02 as follows:

*An electrical energy offering that is distinguished by its Generation Attributes and that is offered for sale by a Retail Electricity Supplier to End-Use Customers in Massachusetts.*

**Generation Attribute** (“Attribute”) is defined at 225 CMR 14.02, 15.02, & 16.02 as follows:

A non-price characteristic of the electrical energy output of a Generation Unit including, but not limited to, the Unit’s fuel type, emissions, vintage and RPS [or APS] eligibility.

Thus, any retail product offering that makes an Attribute-based marketing claim – for example, a “green” product, a “clean” product, or a “50% renewable” product – would (1) be a Retail Electricity Product under RPS and APS, (2) require its own NEPOOL GIS sub-account, and (3) need to be demonstrably in compliance with the RPS and APS Minimum Standards at 225 CMR 14.07, 15.07, & 16.07. Multiple retail product offerings to customers for which *different* Attribute-based claims are *not* made would ***not***, for RPS purposes, need to be differentiated as separate Retail Electricity Products under RPS and, therefore, would ***not***, for RPS purposes, require separate GIS sub-accounts. A Supplier ***is*** free, however, to establish separate GIS sub-accounts for non-RPS/APS purposes.

If a Supplier used NEPOOL GIS sub-accounts in 2021 for Massachusetts products that were *not* distinguished by Attributes of interest for RPS compliance (e.g., separate sub-accounts for Basic Service, for residential or commercial, for a particular municipality, for some large customers, etc.), the Supplier does not need to demonstrate compliance separately for such accounts.

The RPS and APS regulations at 225 CMR 14.09(2)(b), 15.09(2)(b), and 16.09(2)(b) require that the total retail sales for each Massachusetts Retail Electricity Product be “verified by an independent third party satisfactory to the Department, consis10t with the Guideline.” For CY 2021, the verification requirement shall be met as specified in the instructions for Column C of Table 5 (Class I) of the *Compliance Filing Workbook*.

Finally, each Retail Electricity Product must comply with the RPS and APS Minimums Standards *in addition to* any possible marketing claim with regard to supplying a certain percentage of electricity from renewable or alternative energy sources.

* **Green Power Products**

A Green Power Product is a product for which the Retail Electricity Supplier claims that it is providing electricity from renewable sources in excess of what is required for RPS compliance in the same year. ***NOTE!*** A Supplier ***cannot*** use any RPS Class I or II Renewable Generation Attributes/RECs for RPS compliance in this *Filing* ***if*** those same Attributes/RECs were also used or are being used to satisfy marketing claims for a Green Power Product in the same or any other Compliance Year, either in Massachusetts or in any other state or province.

DOER does not have responsibility for monitoring or ensuring compliance with retail marketing claims or representations. Nevertheless, if any of your Products during CY 2021 was a Green Power Product, then you must be prepared to demonstrate to the satisfaction of the Department that *none* of the RPS Class I or Class II Renewable Generation Attributes/RECs (including any Alternative Compliance Credits) used to satisfy the marketing claims or representations of such Products were also used for CY 2021 RPS Compliance. DOER retains the right, under 225 CMR 14.11 and 15.11, to audit the accuracy of all information submitted in or with this *Filing*, as well as to conduct on-site inspections and to copy records related to RPS compliance.

**NOTE:** Table 15 in the *Compliance Filing Workbook* will provide DOER with minimum accounting for the RPS Renewable Generation Attributes used in Green Power Products.

* **Green Power Products, Voluntary Renewable Energy (VRE), and RGGI**

Since Compliance Year 2009, a Retail Electric Supplier that provides Green Power Products to end-use (retail) customers in Massachusetts consisting of RPS Class I Certificates *above the RPS Class I Compliance Obligation*, can report such “voluntary” Certificates to DOER for the purpose of setting aside an appropriate amount of Carbon Allowances from the Regional Greenhouse Gas Initiative (RGGI) auction.[[22]](#footnote-22) This provision enables green product marketers to accurately claim that the renewable energy will result in reductions in greenhouse gas emissions under the RGGI framework. The Voluntary Renewable Energy (VRE) RGGI Set-Aside program was established by DOER under 225 CMR 13.14. Any Supplier that documents in Table 15 the use of RPS Class I Certificates for Green Power Products is assumed to have retired them by or for Massachusetts residents, organizations or companies, and may be contacted by DOER to confirm the marketing claims. In addition, any Supplier that settled Class I RECs in the Reserved Account at the GIS as Voluntary Renewable Energy should include documentation of its Reserved Certificates deposits as the means of documenting such VRE RGGI Set-Asides for Carbon Allowances under RGGI (see also the instructions for Table 15 of the *Compliance Filing Workbook*.).

1. 225 CMR 14.09(2)(a) and (b). ***NOTE!*** **See the *Guideline for Retail Electricity Suppliers on the Determination of Sales to End-Use Customers for Calculating their Annual RPS & APS Obligation*** (May 24, 2012), on-line at <http://www.mass.gov/eea/docs/doer/rps-aps/rps-compliance-basis-guideline.pdf>. [↑](#footnote-ref-1)
2. In case DOER does require additional verification, note the following methods by which a Supplier offering an attribute-based product could verify its Product sales without an audit:

   (a) If a Supplier's Product is Green-E certified, the audit for that certification would suffice.

   (b) If a Supplier uses an electronic business transactions (EBT) provider to manage the customers switching to its Product, that provider would qualify as a third party for verification.

   (c) A Supplier could set up a new supplier account when using EBT to sign up customers in each utility service territory. [↑](#footnote-ref-2)
3. 225 CMR 14.09(2)(c)2. [↑](#footnote-ref-3)
4. RPS Class I Renewable Generation Attribute, which is defined in 225 CMR 14.02, is signified in a NEPOOL GIS Certificate as MA Class I Renewable Generation Unit. A GIS Certificate with a MA Class I Renewable Generation Attribute is termed a “REC” (renewable energy certificate or credit) or a “Class I REC” in common marketplace parlance. ***NOTE!*** The acronym “REC”, which is not defined in MA Regulations, also can refer informally to a GIS certificate earned by a Renewable Generation Unit that is not qualified by DOER for RPS Class I, such as an RPS Class II qualified Generation Unit or some other Renewable Generation Unit that uses a resource defined as Renewable but which, for whatever reason, has not applied for or is not eligible for either class of MA RPS. Examples of the latter may include Hydroelectric or Biomass plants that do not meet the size or environmental criteria, or renewable plants qualified for RPS in another New England state but not in Massachusetts. [↑](#footnote-ref-4)
5. ***NOTE!*** **It is important that every Supplier read and understand the *Guideline for Retail Electricity Suppliers on the Determination of Sales to End-use Customers for Calculating their Annual RPS & APS Obligations*, 5/24/12, at** [**http://www.mass.gov/eea/docs/doer/rps-aps/rps-compliance-basis-guideline.pdf**](http://www.mass.gov/eea/docs/doer/rps-aps/rps-compliance-basis-guideline.pdf)**.** **The summary in these instructions does not substitute for the details in the *Guideline*.** [↑](#footnote-ref-5)
6. 225 CMR 14.09(2)(a) and (b). Also see footnote 5**.** [↑](#footnote-ref-6)
7. 225 CMR 14.09(2)(c)1. [↑](#footnote-ref-7)
8. Regarding RPS Class I Renewable Generation Attributes and RECs, see footnote 4. [↑](#footnote-ref-8)
9. 225 CMR 14.09(2)(c)2. This column is for NEPOOL GIS Certificates representing the output of RPS Class I-qualified Generation Units but not coded as “MA Class I Renewable Generation Unit”, as well as for MA Class I RECs that, for whatever reason, were not settled in your GIS sub-accounts. **In either case,** **you *must* contact the RPS Program Manager at DOER for approval and procedures in order to use them for RPS compliance**. [↑](#footnote-ref-9)
10. 225 CMR 14.08(2) provides: **“**A Retail Electricity Supplier may use RPS Class I Renewable Generation Attributes produced in one Compliance Year for compliance in either or both of the two subsequent Compliance Years, subject to the limitations set forth herein and provided that the Retail Electricity Supplier is in compliance with 225 CMR 14.00 for all previous Compliance Years.” See also 225 CMR 14.09(2)(d). [↑](#footnote-ref-10)
11. 225 CMR 14.09(2)(e). See also 225 CMR 14.08(3). [↑](#footnote-ref-11)
12. 225 CMR 14.09(2)(f). See also 225 CMR 14.08(2). [↑](#footnote-ref-12)
13. 225 CMR 14.17(2)(a)4. [↑](#footnote-ref-13)
14. 225 CMR 14.09(2)(c)2. This column is for NEPOOL GIS Certificates representing the output of RPS-qualified Solar Carve-Out Renewable Generation Units but not coded as “MA Solar Carve-Out Unit”, as well as for SRECs that, for whatever reason, were not settled in your GIS sub-accounts. **In either case,** **you must contact the RPS Program Manager at DOER for approval and procedures in order to use them for RPS compliance**. [↑](#footnote-ref-14)
15. 225 CMR 14.08(2)(b). [↑](#footnote-ref-15)
16. 225 CMR 14.09(2)(a) and (b). ***NOTE!*** **See the *Guideline for Retail Electricity Suppliers on the Determination of Sales to End-Use Customers for Calculating their Annual RPS & APS Obligation*** (May 24, 2012), on-line at <http://www.mass.gov/eea/docs/doer/rps-aps/rps-compliance-basis-guideline.pdf>. [↑](#footnote-ref-16)
17. See the *Guidelines* cited in the instructions (above) for the Exempt Contracts Data les. [↑](#footnote-ref-17)
18. 225 CMR 14.09(2)(c)1. [↑](#footnote-ref-18)
19. 225 CMR 14.09(2)(c)2. This column is for NEPOOL GIS Certificates representing the output of RPS-qualified Solar Carve-Out Renewable Generation Units but not coded as “MA Solar Carve-Out II Unit”, as well as for SREC IIs that, for whatever reason, were not settled in your GIS sub-accounts. **In either case,** **you must contact the RPS Program Manager at DOER for approval and procedures in order to use them for RPS compliance**. [↑](#footnote-ref-19)
20. 225 CMR 14.09(2)(a) and (b). ***NOTE!*** **See the *Guideline for Retail Electricity Suppliers on the Determination of Sales to End-Use Customers for Calculating their Annual RPS & APS Obligation*** (May 24, 2012), on-line at <http://www.mass.gov/eea/docs/doer/rps-aps/rps-compliance-basis-guideline.pdf>. [↑](#footnote-ref-20)
21. This section replaces the “Guidance for Retail Electricity Suppliers on the Use of NEPOOL GIS Sub-Accounts for the Purpose of Documenting Massachusetts RPS Compliance” that DOER issued on May 15, 2003. ***NOTE!*** Also see the following: *Guideline for Retail Electricity Suppliers on the Determination of Sales to End-use Customers for Calculating their Annual RPS & APS Obligations*, 5/24/12, at <http://www.mass.gov/eea/docs/doer/rps-aps/rps-compliance-basis-guideline.pdf> for ***current*** guidance. [↑](#footnote-ref-21)
22. See the MassDEP Regulation, 310 CMR 7.71(5)(c)1.b. [↑](#footnote-ref-22)