

ENERGY COST RECOVERY CLAUSE

Applicable To

Schedule "R"	- Residential Service
Schedule "G"	- General Service - Non Demand
Schedule "J"	- General Service Demand
Schedule "P"	- Large Power Service
Schedule "F"	- Street Light Service
Schedule "U"	- Time-of-Use Service
Schedule "TOU-R"	- Residential Time-of-Use Service
Schedule "TOU-G"	- Small Commercial Time-of-Use Service
Schedule "TOU-J"	- Commercial Time-of-Use Service
Schedule "TOU-P"	- Large Power Time-of-Use Service
Schedule "SS"	- Standby Service
Schedule "TOU EV"	- Residential Time-of-Use Service with Electric Vehicle Pilot
Schedule "TOU-RI"	- Residential Interim Time-of-Use Service
Schedule "EV-F"	- Commercial Public Electric Vehicle Charging Facility Service Pilot

All terms and provisions of the above listed Schedules are applicable, except that the Monthly Energy Cost Recovery Factor described below will be multiplied by the billed kWh and added to the customer bill.

All base rate schedule discounts, surcharges, and all other adjustments will not apply to the Energy Cost Recovery Clause.

The Energy Cost Recovery Clause shall be consistent with the terms of fuel contracts, distributed generation contracts, and purchased energy contracts. Changes to the Energy Cost Recovery Clause may be proposed by application to the Commission.

Monthly Energy Cost Recovery Factor:

The Monthly Energy Cost Recovery Factor shall be the sum of the Company-Owned Generation Factor, the Purchased Energy Factor, the DG Energy Generation Factor, and the Non-Adjustable Component.

The Monthly Energy Cost Recovery Factor shall normally be effective on the 1st day of the month. When a customer's billing period includes more than one applicable Monthly Energy Cost Recovery Factor, each Monthly Energy Cost Recovery Factor will be prorated to the customer bill for the number of days each factor was in effect.

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Energy Cost Recovery Clause - (Continued)

COMPANY-OWNED GENERATION FACTOR - The Company-Owned Generation Factor shall be determined by the current Weighted Composite Central Station + Wind/Hydro Generation Cost, adjusted for additional revenue taxes. The current Weighted Composite Central Station + Wind/Hydro Generation Cost shall be determined by the current Composite Cost of Generation in cents per million BTU weighted by the proportion of current company-owned central station + wind/hydro generation to total system net energy, multiplied by the 2019 efficiency factors of 0.014569 million Btu per kWh for industrial fuel, 0.010480 million Btu per kWh for diesel fuel, and 0.012395 million Btu per kWh for other company generation sources, weighted by the current proportion of generation produced by each generation source to the total company-owned generation.

PURCHASED ENERGY FACTOR - The Purchased Energy Factor shall be the current Composite Cost of Purchased Energy, in cents per kWh, weighted by the proportion of current purchased energy to total system net energy, adjusted to the sales delivery level and adjusted for revenue taxes. The Company shall also show the composite cost of fossil fuel purchased energy and the composite cost of renewable purchased energy that comprise the composite cost of purchased energy.

DG ENERGY GENERATION FACTOR - The DG Energy Generation Factor shall be the current Composite Cost of Distributed Generation Energy, in cents per kWh, weighted by the proportion of current DG energy to total system net energy, adjusted to the sales delivery level and adjusted for revenue taxes.

NON-ADJUSTABLE COMPONENT - The Non-Adjustable Component is the ocean cargo insurance expense per kWh established in the Company's rate case, adjusted for revenue taxes. The Non-Adjustable Component is excluded from the Reconciliation Adjustment described below.

Revenue taxes shall be calculated using current rates of the Franchise Tax, Public Service Company Tax, and Public Utility Commission Fee.

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Energy Cost Recovery Clause - (Continued)

TARGET HEAT RATES AND DEADBANDS

Target Heat Rates:

1. The target heat rates shall be the 2019 efficiency factors of 0.014569 million BTU per kWh for industrial fuel, 0.010480 million BTU per kWh for diesel fuel, and 0.012395 million BTU per kWh for other company generation sources. The overall target heat rate shall be the weighted average efficiency factor of all sources.
2. The target heat rates for industrial fuel and diesel shall be reestablished each calendar year. The target heat rate for each calendar year shall be equal to the target heat rate in effect for the prior calendar year plus one-half of the difference between the target heat rate and the actual heat rate for the prior calendar year.

Deadbands:

3. Application of the Deadbands
 - a. The deadband shall be applied around its respective target heat rate for each fuel type. The deadband shall be ± 100 Btu/kWh-sales for industrial fuel. The deadband shall be ± 200 Btu/kWh-sales for diesel fuel.
 - b. If target heat rates are modified, the deadband levels described in Sections 3.a above shall apply around the modified target heat rate.

Modifications to Target Heat Rates and Deadbands:

4. Modifications to target heat rates and/or deadbands may be determined in a rate case.
5. Modifications to target heat rates and/or deadbands may be made outside of a rate case proceeding by application by the Company or the Consumer Advocate, or by an investigation by the Commission on its own motion.
 - a. An applicant must make a separate request to the Commission, and provide appropriate justification and support.
 1. Sufficient basis for justification of a change in target heat rate and/or deadband may include but not be limited to the following:

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Energy Cost Recovery Clause - (Continued)

- a. Addition or retirement of non-utility firm or non-utility non-firm renewable resources (such as wind or photovoltaics) from which the utility will purchase capacity and/or energy under a Power Purchase Agreement that exceed 5 MW;
 - b. Addition or retirement of utility firm and non-firm renewable resources (such as wind or photovoltaics) that exceed 5 MW. Modifications to the target heat rate and/or deadband may be determined as part of the application for approval to expend funds (in accordance with General Order No. 7) for the resource that would cause the change;
 - c. Additions, retirements or modifications to the generating systems, or modifications to the generating system operating procedures, that are expected to increase or decrease the target heat rates by more than the deadband amount; or
 - d. The recorded heat rate is outside of the deadband around the target heat rate and is expected to remain outside of the deadband.
- b. Any proposed modifications to target heat rates and/or deadbands under this provision shall not take effect until approved by the Commission.

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Energy Cost Recovery Clause - (Continued)

RECONCILIATION ADJUSTMENT:

In order to reconcile any differences that may occur between recorded revenue and eligible revenue from the Energy Cost Recovery Clause, the year-to-date recorded revenue from the Energy Cost Recovery Clause will be compared with the year-to-date eligible revenue from the Energy Cost Recovery Clause on a quarterly basis. If there is a variance between the year-to-date recorded revenue from the Energy Cost Recovery Clause and the year-to-date eligible revenue from the Energy Cost Recovery Clause, a reconciliation adjustment shall be added to the rate calculated under the Energy Cost Recovery Clause to reconcile the revenue variance. This reconciliation adjustment shall be applied at the beginning of the second month after the end of the quarter, and shall be set to recover the revenue variance over the estimated sales for the subsequent three months.

The Non-Adjustable Component revenue will be excluded from the Energy Cost Recovery Clause revenue for the purposes of this reconciliation. The Non-Adjustable Component revenue is the Non-Adjustable Component multiplied by the year-to-date sales kWh.

The eligible revenue from the Energy Cost Recovery Clause shall be equal to the eligible revenue for fuel, DG, and purchased energy expense.

The eligible revenue for fuel is calculated for each fuel type each month as:

The sales kWh for that fuel type
multiplied by the adjusted target heat rate for that fuel type
multiplied by the average fuel cost per million BTU
and then summed across all fuel types.

The adjusted target heat rate for each fuel type is established by comparing the applicable target heat rate, adjusted by a plus or minus sales heat rate deadband identified above versus the year-to-date actual heat rate. The year-to-date actual heat rate is derived by dividing the fuel type's year-to-date million Btu usage by the fuel type's share of year-to-date recorded sales kWh. If the year-to-date actual heat rate is greater than the applicable target heat rate plus the amount of the deadband in Btu/kWh, then the adjusted target heat rate is the applicable target heat rate plus the amount of the deadband in Btu/kWh. If the year-to-date actual heat rate is less than the applicable target heat rate less the amount of the deadband in Btu/kWh, then the adjusted target heat rate is the applicable target heat rate less the amount of the deadband in Btu/kWh. If the year-to-date actual heat rate falls between the applicable target heat rate adjusted by a plus or minus amount of the deadband in Btu/kWh, then the adjusted target heat rate is the year-to-date actual heat rate.

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Superseding Sheet No. 63E
Effective October 1, 2018

REVISED SHEET No. 63E
Effective February 1, 2019

Energy Cost Recovery Clause - (Continued)

The eligible revenue for DG and purchased energy expenses is equal to the amount of their respective expenses.

Revenue from the Energy Cost Recovery Clause excludes revenue taxes on that amount for the purpose of this reconciliation.

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