

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

Order Instituting Rulemaking on the Commission's
Own Motion to Conduct a Comprehensive
Examination of Investor Owned Electric Utilities'
Residential Rate Structures, the Transition to Time
Varying and Dynamic Rates, and Other Statutory
Obligations.

Rulemaking 12-06-013
(Filed June 21, 2012)

**SUPPLEMENTAL RESPONSE OF SAN DIEGO GAS & ELECTRIC COMPANY
(U902M) TO ADMINISTRATIVE LAW JUDGE'S RULING ORDERING PARTIES TO
SUBMIT ADDITIONAL INFORMATION FOR RATE DESIGN PROPOSALS,
CONFIRMING WORKSHOP DATE, AND SETTING FORTH FORMAT FOR
COMMENTS**

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Dated: July 15, 2013

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SUPPLEMENTAL RESPONSE OF SAN DIEGO GAS & ELECTRIC COMPANY (U902M) TO ADMINISTRATIVE LAW JUDGE'S RULING ORDERING PARTIES TO SUBMIT ADDITIONAL INFORMATION FOR RATE DESIGN PROPOSALS, CONFIRMING WORKSHOP DATE, AND SETTING FORTH FORMAT FOR COMMENTS

Pursuant to Administrative Law Judge ("ALJ") McKinney's *Ruling Ordering Parties to Submit Additional Information for Rate Design Proposals, Confirming Workshop Date, and Setting Forth Format for Comments* ("Ruling"), issued on June 13 and confirmed on June 18, 2013, San Diego Gas & Electric Company ("SDG&E") submitted its Response in support of its Residential Rate Design Proposal in the above captioned proceeding. Subsequently, on July 8, Gabriel Petlin of the Commission's Energy Division requested that SDG&E supplement its Response as follows:

"The July 1 filing of SDG&E does not comply with the June 19th ALJ ruling. We understand that illustrative rates do not necessarily represent your actual proposed rate design, but are one possible example of a quantitative rate that illustrates how your proposed rate design narrative proposal could be implemented. We ask that you provide illustrative bundled rate designs and illustrative bill impacts for both (1) a transitional and (2) an end-state rate design based on the instructions found in Attachment B of the March 19 ruling. Without this it is difficult to fully evaluate your proposal. Please provide this as a supplemental filing by July 15 and please label your attachments very clearly. The format of SCE's filing on illustrative rates is an acceptable example of how to complete this filing."

SDG&E hereby provides its Supplemental Response pursuant to the Energy Division's Request.

I. RESPONSE

As noted in its rate Optimal Rate Design Proposal, SDG&E has identified an optimal rate design as an end-state goal, and pointed to the need for a smooth transition towards this future goal. In order to ensure that the transition can be made smoothly, SDG&E emphasized the need to accommodate and seek ways to mitigate bill impacts by making transition rate design proposals in individual rate setting proceedings with the benefit of stakeholder input and in a way that incorporates then-existing conditions. For this reason, it would be inappropriate, inaccurate and misleading to try to predict any such specific transition proposal at this time.

However, SDG&E understands the interest of Energy Division in trying to better understand bill impacts that could be associated with the kinds of changes that SDG&E has proposed herein. Toward that end, SDG&E hereby supplements its Response.

The scenarios presented in the attachment to this supplement do not represent SDG&E's Optimal Rate Design proposal. SDG&E's proposal for an Optimal Residential Rate Design is one that meets the following criteria:

- Utilities charge for the services they provide;
- Rates are designed to recover costs on the same basis as they are incurred; and,
- Incentives or subsidies that have been deemed necessary to further public policy objectives are separately and transparently identified.

Further, these illustrative scenarios have been developed in the absence of customer and stakeholder input and in the absence of knowledge concerning the conditions that will exist when future filings are made. SDG&E as part of its Optimal Rate Design Proposal "emphasized the need to accommodate and seek ways to mitigate bill impacts in individual rate setting proceedings based on stakeholder input and then-existing conditions" thereby necessitating a

transition path that would continually re-examine context and priorities with each move towards more accurate prices.

However, recognizing the interest of Energy Division in better understanding the potential impacts of the rate design proposals SDG&E hereby submits this Supplemental Response to illustrates the kinds of transition steps that could be taken in the future together with associated illustrative bill impacts that could result from individual components of SDG&E's Optional Rate Design Proposal.

The specifics of rate design proposals in individual proceedings should balance a long-term vision of optimal rate design with stakeholder input to ensure a smooth transition to a rate design structure that will support the state's policy goals in the long-term. As such, the illustrative rate design changes and the illustrative bill impacts presented in this Supplemental Response do not represent total bill impacts, they only reflect the bill impacts for the specific component being addressed.

SDG&E notes that the information contained in its Illustrative Rate Summary Form is based on the assumption that existing billing determinants remain unchanged. SDG&E must make an assumption on these issues for the purposes of this submittal, but the actual billing determinants used in the future will be based on then-existing market conditions which cannot be accurately forecasted today. In addition, as SDG&E pointed out in its rate design proposal, specific rate design proposals will be made in utility-specific General Rate Case ("GRC") proceedings based up an analysis of then-existing billing determinants and consideration of potential bill impacts in the context of customer input. For these reasons, while the attached information represents SDG&E's good faith attempt to represent these issues, any such future

projection naturally relies on speculation regarding future circumstances that are not currently known.

II. CONCLUSION

SDG&E respectfully submits its Supplemental Illustrative Rate Summary as Attachment A in accordance with the ALJ's Ruling, noting that this data is based on existing market conditions and static billing determinants and does not represent SDG&E transition proposals.

DATED at San Diego, California, on this 15th day of July, 2013.

Respectfully submitted,

By: /s/ Thomas R. Brill

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Attachment A

SDG&E Distribution Recovery by Basic Service Fee, TOU Commodity

Name of Party:

Illustrative TOU Transitional and End-State Rates

	PG&E			SCE			SDG&E						
	cents/kWh Tier 1	cents/kWh Tier 2	cents/kWh Tier 3	cents/kWh Tier 1	cents/kWh Tier 2	cents/kWh Tier 3	Sept 2012 Rates	Step 1	Step 2	Step 3	Step 4	Step 5	
Non-CARE													
TOU Period													
Sum On-Peak (cents/kWh)							30.0	27.3	25.2	24.7	26.3	28.2	
Sum Mid-Peak (cents/kWh)							30.0	25.8	19.6	15.0	12.5	10.3	
Sum Off-Peak (cents/kWh)							30.0	24.2	18.0	13.4	10.9	8.7	
Win On-Peak (cents/kWh)							28.2	23.1	17.8	14.2	12.6	11.4	
Win Mid-Peak (cents/kWh)							28.2	22.2	16.9	13.2	11.7	10.4	
Win Off-Peak (cents/kWh)							28.2	20.9	15.6	12.0	10.4	9.2	
Summer Baseline Credit for Tier 1 (cents/kWh)							-15.6	-11.1	-5.8	0.0	0.0	0.0	
Summer Baseline Credit for Tier 2 (cents/kWh)							-16.4	-8.8	0.0	0.0	0.0	0.0	
Summer Baseline Credit for Tier 3 (cents/kWh)							-2.0	0.0	0.0	0.0	0.0	0.0	
Winter Baseline Credit for Tier 1 (cents/kWh)							-13.9	-7.3	-2.0	0.0	0.0	0.0	
Winter Baseline Credit for Tier 2 (cents/kWh)							-11.7	-5.1	0.0	0.0	0.0	0.0	
Winter Baseline Credit for Tier 3 (cents/kWh)							-2.0	0.0	0.0	0.0	0.0	0.0	
Average Rate							19.7	19.4	19.1	18.9	18.8	19.0	
Customer Charge \$/Mo.							0.00	7.38	15.37	23.05	30.74	38.42	
Min Bill \$/Mo.							5.0	0.0	0.0	0.0	0.0	0.0	
Demand Charge \$/Mo.							0.0	0.0	0.0	0.0	0.0	0.0	
CARE													
TOU Period													
Sum On-Peak (cents/kWh)							17.6	16.9	16.7	17.6	19.0	20.7	
Sum Mid-Peak (cents/kWh)							17.6	15.8	12.2	9.8	8.0	6.3	
Sum Off-Peak (cents/kWh)							17.6	14.5	10.9	8.5	6.7	5.1	
Win On-Peak (cents/kWh)							16.4	13.6	11.4	9.6	8.5	7.7	
Win Mid-Peak (cents/kWh)							16.4	12.8	10.6	8.8	7.8	6.9	
Win Off-Peak (cents/kWh)							16.4	11.8	9.6	7.8	6.8	5.9	
Summer Baseline Credit for Tier 1 (cents/kWh)							-7.6	-5.5	-2.6	0.0	0.0	0.0	
Summer Baseline Credit for Tier 2 (cents/kWh)							-5.9	-3.8	0.0	0.0	0.0	0.0	
Summer Baseline Credit for Tier 3 (cents/kWh)							0.0	0.0	0.0	0.0	0.0	0.0	
Winter Baseline Credit for Tier 1 (cents/kWh)							-6.5	-2.4	-0.2	0.0	0.0	0.0	
Winter Baseline Credit for Tier 2 (cents/kWh)							-4.8	-0.8	0.0	0.0	0.0	0.0	
Winter Baseline Credit for Tier 3 (cents/kWh)							0.0	0.0	0.0	0.0	0.0	0.0	
Average Rate							11.6	12.4	13.4	14.2	14.6	15.2	
Customer Charge \$/Mo.							0.00	5.90	12.30	18.44	24.59	30.74	
Min Bill \$/Mo.							4.0	0.0	0.0	0.0	0.0	0.0	
Demand Charge \$/Mo.							0.0	0.0	0.0	0.0	0.0	0.0	

SDG&E Distribution Recovery by Demand Differentiated Basic Service Fee, TOU Commodity

Name of Party:
Illustrative TOU Transitional and End-State Rates

	PG&E			SCE			SDG&E					
	cents/kWh Tier 1	cents/kWh Tier 2	cents/kWh Tier 3	cents/kWh Tier 1	cents/kWh Tier 2	cents/kWh Tier 3	Sept 2012 Rates	Step 1	Step 2	Step 3	Step 4	Step 5
Non-CARE												
TOU Period												
Sum On-Peak (cents/kWh)							30.0	27.1	25.2	24.7	26.4	28.2
Sum Mid-Peak (cents/kWh)							30.0	25.6	19.6	15.0	12.5	10.3
Sum Off-Peak (cents/kWh)							28.2	24.0	18.0	13.4	10.9	8.7
Win On-Peak (cents/kWh)							28.2	22.9	17.9	14.2	12.7	11.4
Win Mid-Peak (cents/kWh)							28.2	22.0	16.9	13.3	11.7	10.4
Win Off-Peak (cents/kWh)							28.2	20.7	15.6	12.0	10.5	9.1
Summer Baseline Credit for Tier 1 (cents/kWh)							-15.6	-10.9	-5.8	0.0	0.0	0.0
Summer Baseline Credit for Tier 2 (cents/kWh)							-16.4	-8.6	0.0	0.0	0.0	0.0
Summer Baseline Credit for Tier 3 (cents/kWh)							-2.0	0.0	0.0	0.0	0.0	0.0
Winter Baseline Credit for Tier 1 (cents/kWh)							-13.9	-7.1	-2.0	0.0	0.0	0.0
Winter Baseline Credit for Tier 2 (cents/kWh)							-11.7	-4.9	0.0	0.0	0.0	0.0
Winter Baseline Credit for Tier 3 (cents/kWh)							-2.0	0.0	0.0	0.0	0.0	0.0
Average Rate							19.7	19.4	19.2	19.1	19.1	19.2
Customer Charge \$/Mo.												
0 to <3 KW Max Demand							0.00	3.00	6.00	9.00	12.00	15.00
3 to <7 KW Max Demand							0.00	6.00	12.00	18.00	24.00	30.00
7 RW and above Max Demand							0.00	13.03	23.07	39.10	52.14	65.17
Min Bill \$/Mo.							5.0	0.0	0.0	0.0	0.0	0.0
Demand Charge \$/Mo.							0.0	0.0	0.0	0.0	0.0	0.0
CARE												
TOU Period												
Sum On-Peak (cents/kWh)							17.6	16.8	16.7	17.6	19.0	20.7
Sum Mid-Peak (cents/kWh)							17.6	15.6	12.2	9.8	8.0	6.3
Sum Off-Peak (cents/kWh)							17.6	14.4	10.9	8.5	6.7	5.1
Win On-Peak (cents/kWh)							16.4	14.2	11.4	9.6	8.6	7.7
Win Mid-Peak (cents/kWh)							16.4	13.4	10.7	8.9	7.8	6.9
Win Off-Peak (cents/kWh)							16.4	12.4	9.6	7.8	6.8	5.9
Summer Baseline Credit for Tier 1 (cents/kWh)							-7.6	-5.3	-2.7	0.0	0.0	0.0
Summer Baseline Credit for Tier 2 (cents/kWh)							-5.9	-3.7	0.0	0.0	0.0	0.0
Summer Baseline Credit for Tier 3 (cents/kWh)							0.0	0.0	0.0	0.0	0.0	0.0
Winter Baseline Credit for Tier 1 (cents/kWh)							-6.5	-3.0	-0.3	0.0	0.0	0.0
Winter Baseline Credit for Tier 2 (cents/kWh)							-4.8	-1.4	0.0	0.0	0.0	0.0
Winter Baseline Credit for Tier 3 (cents/kWh)							0.0	0.0	0.0	0.0	0.0	0.0
Average Rate							11.6	12.3	13.0	13.6	13.8	14.2
Customer Charge \$/Mo.												
0 to <3 KW Max Demand							0.00	2.40	4.80	7.20	9.60	12.00
3 to <7 KW Max Demand							0.00	4.80	9.60	14.40	19.20	24.00
7 RW and above Max Demand							0.00	10.42	20.86	31.28	41.71	52.14
Min Bill \$/Mo.							4.0	0.0	0.0	0.0	0.0	0.0
Demand Charge \$/Mo.							0.0	0.0	0.0	0.0	0.0	0.0

Name of Party: SDG&E Distribution Recovery by Basic Service Fee, Flat Commodity
Illustrative Tiered Transitional and End-State Rates

	PG&E					SCE					SDG&E					
	Jan 2013 Rates	Trans Default Rate	Trans Opt-Out Rate	End-State Default Rate	End-State Opt-Out Rate	Jan 2013 Rates	Trans Default Rate	Trans Opt-Out Rate	End-State Default Rate	End-State Opt-Out Rate	Sept 2012 Rates [1]	Step 1 [1]	Step 2 [1]	Step 3 [1]	Step 4 [1]	Step 5 [1]
Non-CARE																
Tier1 (¢/kWh)	13.2					13					14.3	14.3	14.3	16.5	14.9	13.7
Tier 2 (¢/kWh)	15					16					16.6	20.1	20.1	16.5	14.9	13.7
Tier 3 (¢/kWh)	30					27.1					25.4	20.1	16.5	14.9	13.7	
Tier 4 (¢/kWh)	34					31.1					25.4	20.1	16.5	14.9	13.7	
Tier 5 (¢/kWh)	34					31.1					25.4	20.1	16.5	14.9	13.7	
Average Rate	18.2					19.4					19.4	19.1	18.9	18.8	19.0	
Customer Charge \$/Mo.						0.9					7.38	15.37	23.05	30.74	38.42	
Min. Bill \$/Mo.	4.5										0.00	0.00	0.00	0.00	0.00	
Demand Charge \$/Mo.											0.0	0.0	0.0	0.0	0.0	
TOU On-Peak Surcharge (¢/kWh)											0.0	0.0	0.0	0.0	0.0	
TOU Off-Peak Credit (¢/kWh)											0.0	0.0	0.0	0.0	0.0	
CARE																
Tier1 (¢/kWh)	8.3					8.5					10.0	10.0	10.0	11.0	9.9	9.1
Tier 2 (¢/kWh)	9.6					10.7					11.6	11.6	12.6	11.0	9.9	9.1
Tier 3 (¢/kWh)	14					20.7					17.5	15.4	12.6	11.0	9.9	9.1
Tier 4 (¢/kWh)	14					20.7					17.5	15.4	12.6	11.0	9.9	9.1
Tier 5 (¢/kWh)	14					20.7					17.5	15.4	12.6	11.0	9.9	9.1
Average Rate	9.4					12.4					11.6	12.4	13.4	14.2	14.6	15.2
Customer Charge \$/Mo.						0.7					0.00	5.90	12.30	18.44	24.59	30.74
Min. Bill \$/Mo.	3.6										4.00	0.00	0.00	0.00	0.00	0.00
Demand Charge \$/Mo.											0.0	0.0	0.0	0.0	0.0	0.0
TOU On-Peak Surcharge (¢/kWh)											0.0	0.0	0.0	0.0	0.0	0.0
TOU Off-Peak Credit (¢/kWh)											0.0	0.0	0.0	0.0	0.0	0.0

[1] Based on SDG&E summer rates.

Name of Party: **SDG&E Distribution Recovery by Demand Differentiated Basic Service Fee, Flat Commodity**
Illustrative Tiered Transitional and End-State Rates

	PC&E				SCE				SDG&E							
	Jan 2013 Rates	Trans Default Rate	Trans Opt-Out Rate	End-State Default Rate	End-State Opt-Out Rate	Jan 2013 Rates	Trans Default Rate	Trans Opt-Out Rate	End-State Default Rate	End-State Opt-Out Rate	Sept 2012 Rates [1]	Step 1 [1]	Step 2 [1]	Step 3 [1]	Step 4 [1]	Step 5 [1]
Non-CARE																
Tier1 (¢/kWh)	13.2					13					14.3	14.3	14.3	16.5	15.0	13.7
Tier2 (¢/kWh)	15					16					16.6	16.6	20.2	16.5	15.0	13.7
Tier3 (¢/kWh)	30					27.1					28.0	25.2	20.2	16.5	15.0	13.7
Tier4 (¢/kWh)	34					31.1					30.0	25.2	20.2	16.5	15.0	13.7
Tier5 (¢/kWh)	34					31.1					30.0	25.2	20.2	16.5	15.0	13.7
Average Rate	18.2					19.4					19.7	19.4	19.2	19.1	19.1	19.2
Customer Charge \$/Mo.						0.9										
0 to <3 kW Max Demand											0.00	3.00	6.00	9.00	12.00	15.00
3 to <7 kW Max Demand											0.00	6.00	12.00	18.00	24.00	30.00
7 kW and above Max Demand											0.00	13.03	23.07	39.10	52.14	65.17
Min. Bill \$/Mo.						4.5					5.00	0.00	0.00	0.00	0.00	0.00
Demand Charge \$/Mo.											0.0	0.0	0.0	0.0	0.0	0.0
TOU On-Peak Surcharge (¢/kWh)											0.0	0.0	0.0	0.0	0.0	0.0
TOU Off-Peak Credit (¢/kWh)											0.0	0.0	0.0	0.0	0.0	0.0
CARE																
Tier1 (¢/kWh)	8.3					8.5					10.0	10.0	10.0	11.0	10.0	9.1
Tier2 (¢/kWh)	9.6					10.7					11.6	11.6	12.6	11.0	10.0	9.1
Tier3 (¢/kWh)	14					20.7					17.5	15.3	12.6	11.0	10.0	9.1
Tier4 (¢/kWh)	14					20.7					17.5	15.3	12.6	11.0	10.0	9.1
Tier5 (¢/kWh)	14					20.7					17.5	15.3	12.6	11.0	10.0	9.1
Average Rate	9.4					12.4					11.6	12.3	13.0	13.6	13.8	14.2
Customer Charge \$/Mo.						0.7										
0 to <3 kW Max Demand											0.00	2.40	4.80	7.20	9.60	12.00
3 to <7 kW Max Demand											0.00	4.80	9.60	14.40	19.20	24.00
7 kW and above Max Demand											0.00	10.42	20.86	31.28	41.71	52.14
Min. Bill \$/Mo.						3.6					4.00	0.00	0.00	0.00	0.00	0.00
Demand Charge \$/Mo.											0.0	0.0	0.0	0.0	0.0	0.0
TOU On-Peak Surcharge (¢/kWh)											0.0	0.0	0.0	0.0	0.0	0.0
TOU Off-Peak Credit (¢/kWh)											0.0	0.0	0.0	0.0	0.0	0.0

[1] Based on SDG&E summer rates.

Attachment B

Attachment "B"

I. Introduction

On July 1, 2013, San Diego Gas & Electric Company ("SDG&E") submitted its response to the Administrative Law Judge ("ALJ") McKinney's Ruling Ordering Parties to Submit Additional Information for Rate Design Proposals, Confirming Workshop Date, and Setting Forth Format for Comments ("Ruling"), issued on June 13 and confirmed on June 18, 2013, requiring each IOU to provide illustrative rate designs and illustrative bill impacts for both (1) a transitional and (2) an end-state rate design based on the instructions found in Attachment B of the March 19 ALJ Ruling. The "Illustrative Rate Summary Form" template was provided in the ALJ's June 13 Ruling, a template which requests the following information:

- Illustrative End-State Default TOU Rates
- Illustrative Transitional Default TOU Rates
- Illustrative Optional TOU Rates
- Illustrative Tiered Transitional and End-State Rates

In that submittal, SDG&E noted that "due to the unique structure of its residential rate design proposal, which groups incentives and subsidies separate from rates, SDG&E cannot complete the Illustrative Rate Summary Form using the current format described in the Ruling." SDG&E's Residential Rate Design Proposal filed on May 29, 2013, discussed specifically cost drivers for distribution and commodity. SDG&E provided bill impact information associated for the following:

- Distribution recovery through a basic service fee;
- Distribution recovery through a demand differentiated basic service fee; and
- Commodity recovery through a time-of-use (TOU) rate.

These illustrative looks were provided in response to the ALJ Ruling and do not constitute SDG&E's Optimal Rate Design proposal. SDG&E's Optimal Residential Rate Design is one that meets the following criteria:

- Utilities charge for the services they provide;
- Rates are designed to recover costs on the same basis as they are incurred; and,
- Incentives or subsidies that have been deemed necessary to further public policy objectives are separately and transparently identified.

Further, SDG&E “ emphasized the need to accommodate and seek ways to mitigate bill impacts in individual rate setting proceedings based on stakeholder input and then-existing conditions” thereby necessitating a transition path that would continually re-examine context and priorities with each move towards more accurate prices.

The bill impact information provided in SDG&E’s July 1st response reflected the specific component addressed (i.e. Distribution, Commodity) and did not reflect the total bill impacts. SDG&E had provided rate and bill impacts limited to a single component in order to be able to isolate the bill impacts from the identified change. These impacts were presented in a five step transition and were based on current costs, revenues, and determinants.

On July 8, 2013, Energy Division (“ED”) requested that SDG&E “provide illustrative bundled rate designs and illustrative bill impacts for both (1) a transitional and (2) an end-state rate design based on the instructions found in Attachment B of the March 19 ruling.” To move from the component only look provided by SDG&E on July 1st to the bundled look requested by ED requires that an assumption be made regarding the transition and end state of tiered rates. The current tiered rate structure builds on baseline which is intended to support the public policy of ensuring equal access to affordable electricity across climate zones (for SDG&E this is across four climate zones: Coastal, Inland, Mountain, Desert) and across service types (basic service (gas and electric) and all-electric service) and seasons (summer/winter). SDG&E’s Optimal Rate Design moves subsidies and incentives for supporting public policy out of rate design into separately identified transparent subsidies or incentives. SDG&E did not make specific assumptions regarding the transition to end-state for the removal of baseline usage from the tiered rate structure to a separate transparent incentive. To satisfy the ED request SDG&E provides illustrative bundled rate design and illustrative bill impacts with the following assumptions related to tiered rate transition:

- The introduction of fixed charges (basic service fee, demand differentiated basic service fee) results in reductions in the upper tier rates.

- Once the upper tier rate reaches Tier 2 levels, the upper tier rate will be set equal to the Tier 2 rate. The same occurs with Tier 1; once the upper tier rate reaches Tier 1 levels then all tiers are set equal and there is an effective flat rate with no tiers.

In addition to an assumption related to tiered rates, the ED request requires SDG&E to make an assumption regarding the coordination of the transition path for distribution and commodity. SDG&E in its July 1st response provided information for both distribution and commodity illustrations separately. SDG&E recognizes that an appropriate transition path would look at the priorities based on the specific circumstances and did not make specific assumptions on the coordination of the two illustrations. To satisfy the ED request SDG&E provides the following:

- Distribution Recovery through a basic service fee
 - With Commodity Flat Rate
 - With Commodity TOU Rate
- Distribution Recovery through demand differentiated basic service fee
 - With Commodity Flat Rate
 - With Commodity TOU Rate

II. Illustrative Total Rates with Distribution Recovery through a Basic Service Fee

SDG&E's July 1st filing presented illustrative distribution bill impacts if, rather than the current recovery through a volumetric per kWh rate, all distribution costs were collected by a Basic Service Fee (\$/month) in five incremental steps. This illustrative transition for each step incrementally increases the Basic Service Fee from current, zero, to the recovery of all distribution, which under current revenues and determinants would be \$38.42 per month, with the distribution energy rate incrementally decreasing from current, 7.3 cents per kWh, to a cost-based level of zero. The distribution bill impact information presented is based on current costs, revenues, and determinants and assumes the continuation of the current 20% line item discount for California Alternate Rates for Energy (CARE).

To meet the ED request, as noted above, SDG&E provides illustrative bundled rate design and illustrative bill impacts with the following assumption related to tiered rate transition:

- The introduction of fixed charges (basic service fee, demand differentiated basic service fee) results in reductions in the upper tiers.
- Once upper tiers reach Tier 2 levels, Tier 2 rates will decrease with the upper tiers. The same occurs with Tier 1.

Further, to meet the ED request, SDG&E provides illustrative bundled rate design and illustrative bill impacts with both flat commodity rates and TOU commodity rates. While SDG&E's Optimal Rate Design in its July 1st filing identifies a portfolio approach for the recovery of Commodity costs, SDG&E provided illustrative commodity bill impact information reflecting the move from a current flat seasonal energy rate to a TOU energy rate, with the transition occurring in five steps. For the purpose of this response, the illustrative rate and bill impacts including TOU commodity rates assume each step for both distribution and commodity to be concurrent.

Consistent with the July 1st filing, each bill impact illustration compares the impact from the previous step (as such Step 5 compares the change from Step 4 to Step 5) and the CARE rates maintain the same rate discount as current when compared to non-CARE rates, and maintain the same 20% line item discount as current.

A. Distribution Recovery through Basic Service Fee and Commodity Recovery through Flat Energy Rate

Table II.A.1: Non-CARE Illustrative Transition Path for Distribution Recovery through Basic Service Fee and Commodity Recovery through Flat Energy Rate

	Current	Step 1	Step 2	Step 3	Step 4	Step 5
Non-CARE						
BSF	0.00	7.38	15.37	23.05	30.74	38.42
Summer Energy (cents/kWh)						
Baseline Energy	14.3	14.3	14.3	16.5	14.9	13.7
101% to 130% of Baseline	16.6	16.6	20.1	16.5	14.9	13.7
131% to 200% of Baseline	28.0	25.4	20.1	16.5	14.9	13.7
Above 200% of Baseline	30.0	25.4	20.1	16.5	14.9	13.7
Winter Energy (cents/kWh)						
Baseline Energy	14.3	14.3	14.3	12.7	11.2	9.9
101% to 130% of Baseline	16.6	16.6	16.3	12.7	11.2	9.9
131% to 200% of Baseline	26.2	21.6	16.3	12.7	11.2	9.9
Above 200% of Baseline	28.2	21.6	16.3	12.7	11.2	9.9
Minimum Bill (\$/Day)	0.17	0.00	0.00	0.00	0.00	0.00

Table II.A.2: CARE Illustrative Transition Path for Distribution Recovery through Basic Service Fee and Commodity Recovery through Flat Energy Rate

	Current	Step 1	Step 2	Step 3	Step 4	Step 5
CARE						
BSF	0.00	5.90	12.30	18.44	24.59	30.74
Summer Energy (cents/kWh)						
Baseline Energy	10.0	10.0	10.0	11.0	9.9	9.1
101% to 130% of Baseline	11.6	11.6	12.6	11.0	9.9	9.1
131% to 200% of Baseline	17.6	15.4	12.6	11.0	9.9	9.1
Above 200% of Baseline	17.6	15.4	12.6	11.0	9.9	9.1
Winter Energy (cents/kWh)						
Baseline Energy	10.0	10.0	10.0	8.4	7.4	6.5
101% to 130% of Baseline	11.6	11.6	10.2	8.4	7.4	6.5
131% to 200% of Baseline	16.4	12.4	10.2	8.4	7.4	6.5
Above 200% of Baseline	16.4	12.4	10.2	8.4	7.4	6.5
Minimum Bill (\$/Day)	0.14	0.00	0.00	0.00	0.00	0.00

Chart II.A.1: Step 1 Bill Impacts: Distribution Recovery through Basic Service Fee and Commodity Recovery through Flat Energy Rate

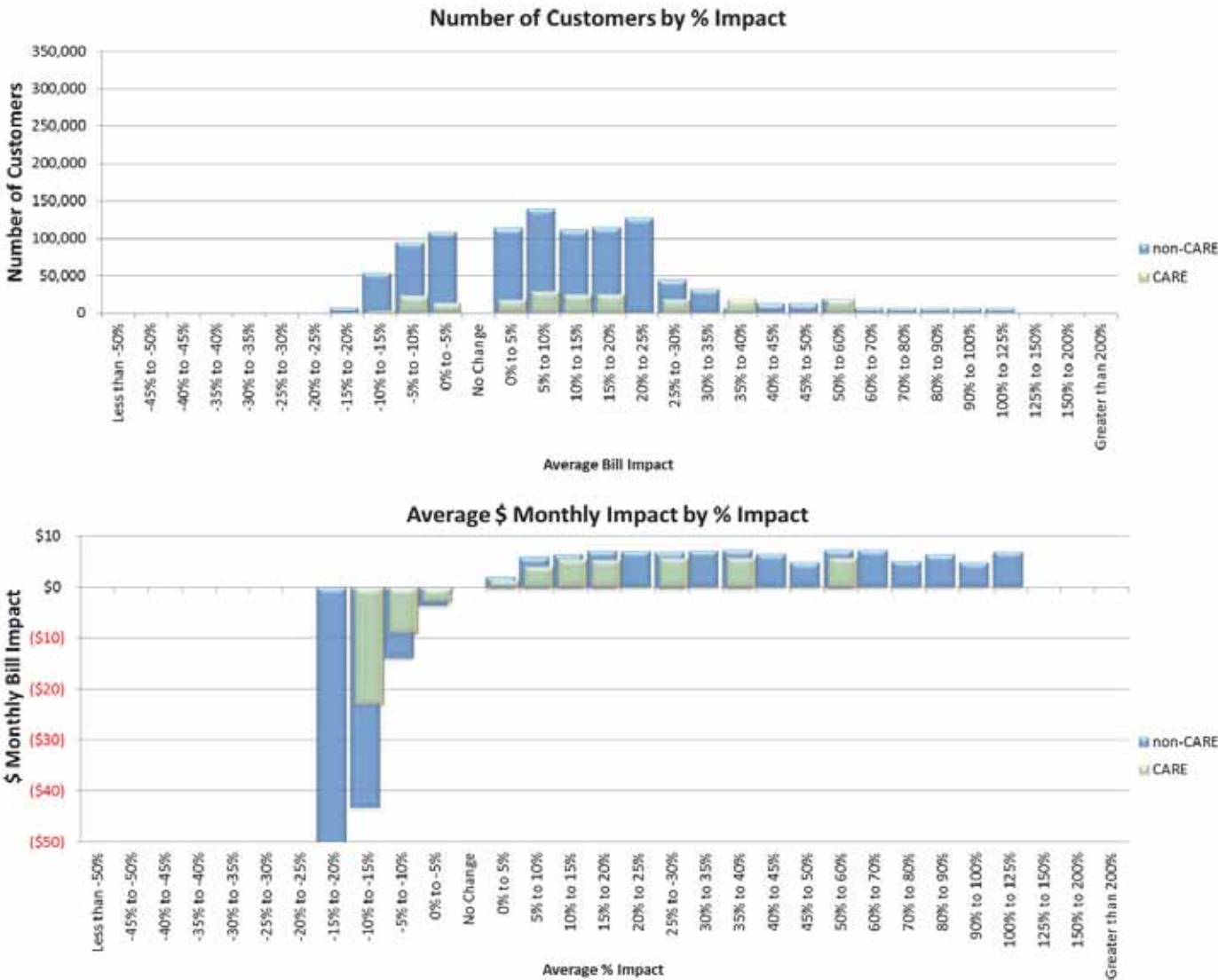


Chart II.A.2: Step 2 Bill Impacts: Distribution Recovery through Basic Service Fee and Commodity Recovery through Flat Energy Rate

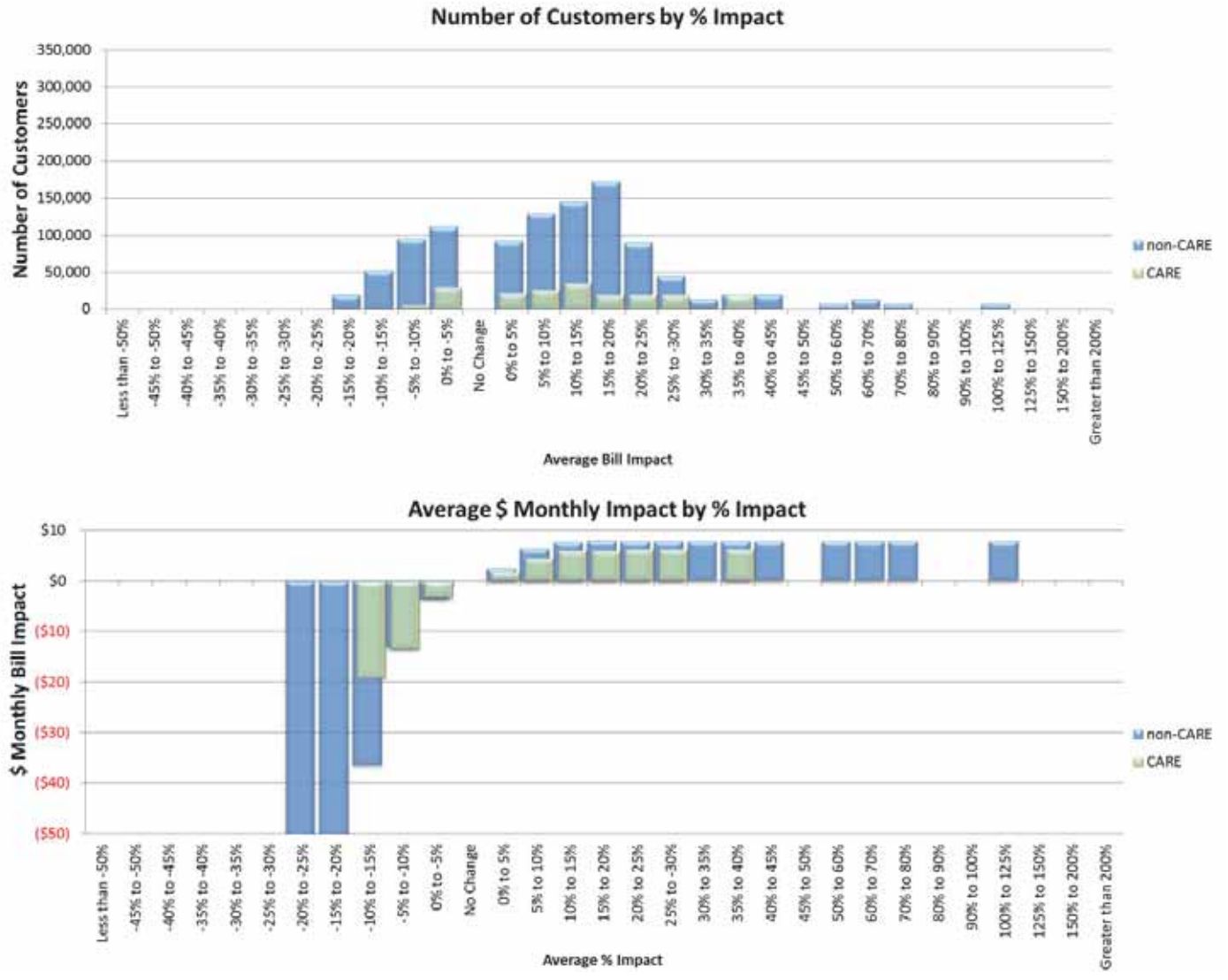


Chart II.A.3: Step 3 Bill Impacts: Distribution Recovery through Basic Service Fee and Commodity Recovery through Flat Energy Rate

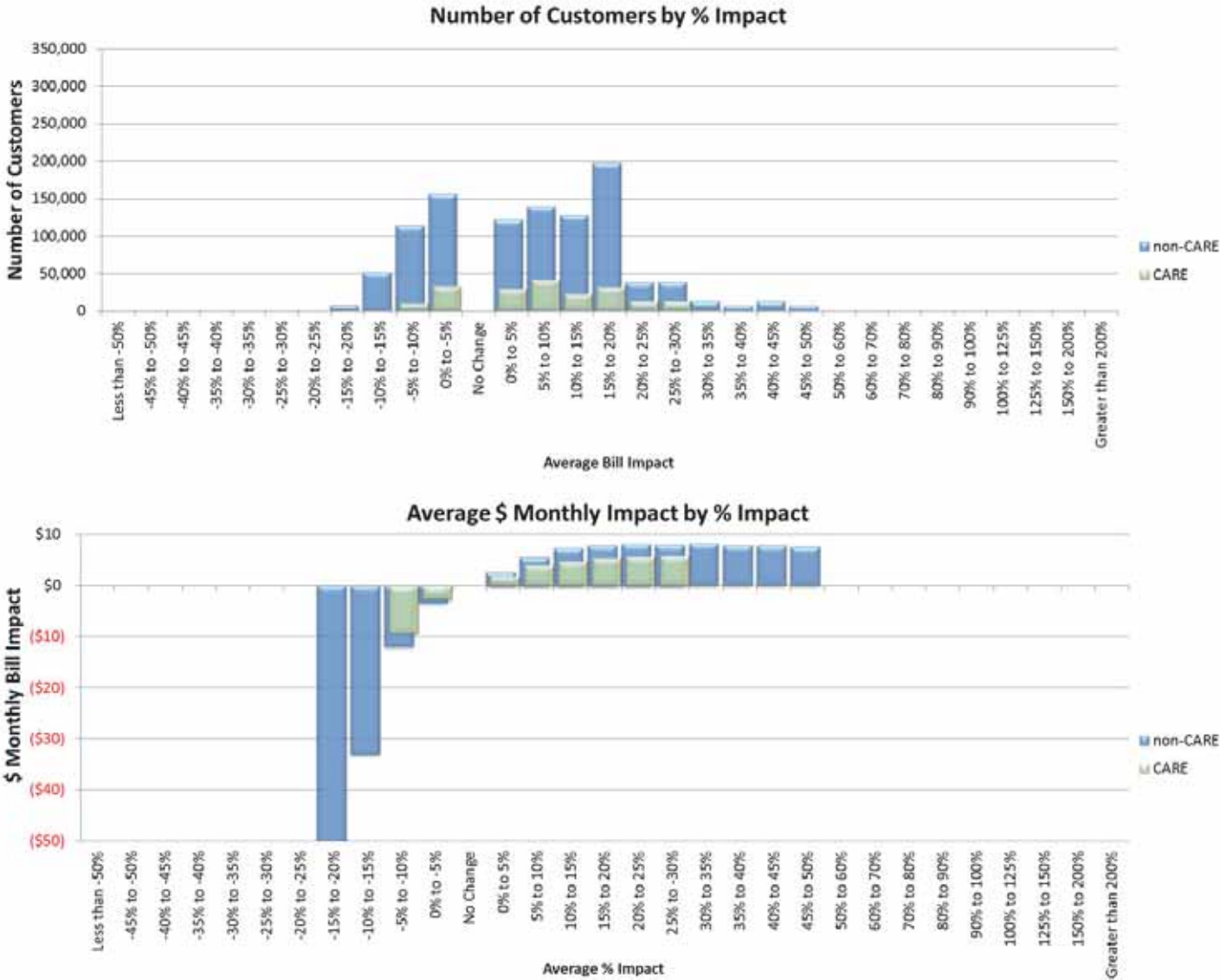


Chart II.A.4: Step 4 Bill Impacts: Distribution Recovery through Basic Service Fee and Commodity Recovery through Flat Energy Rate

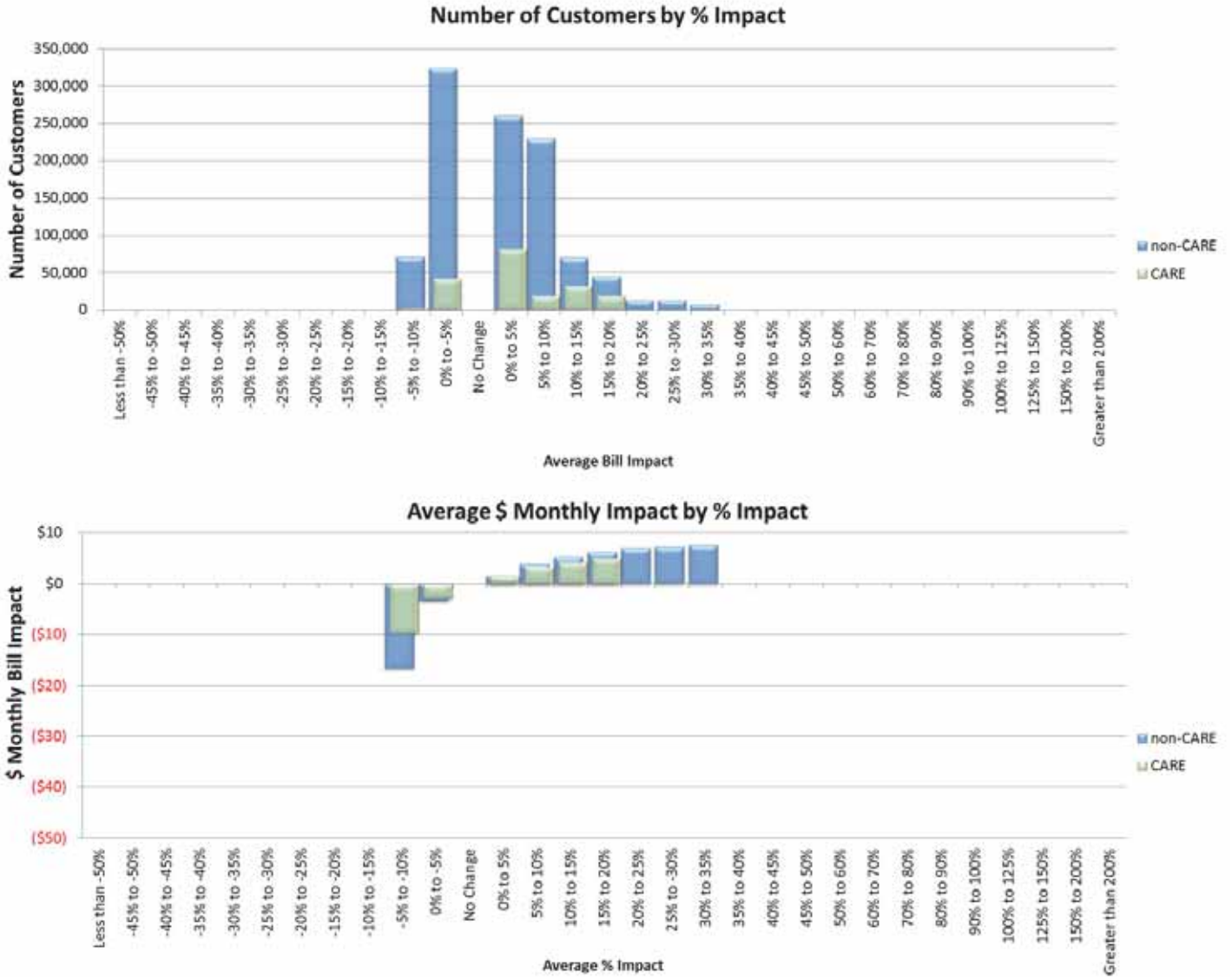
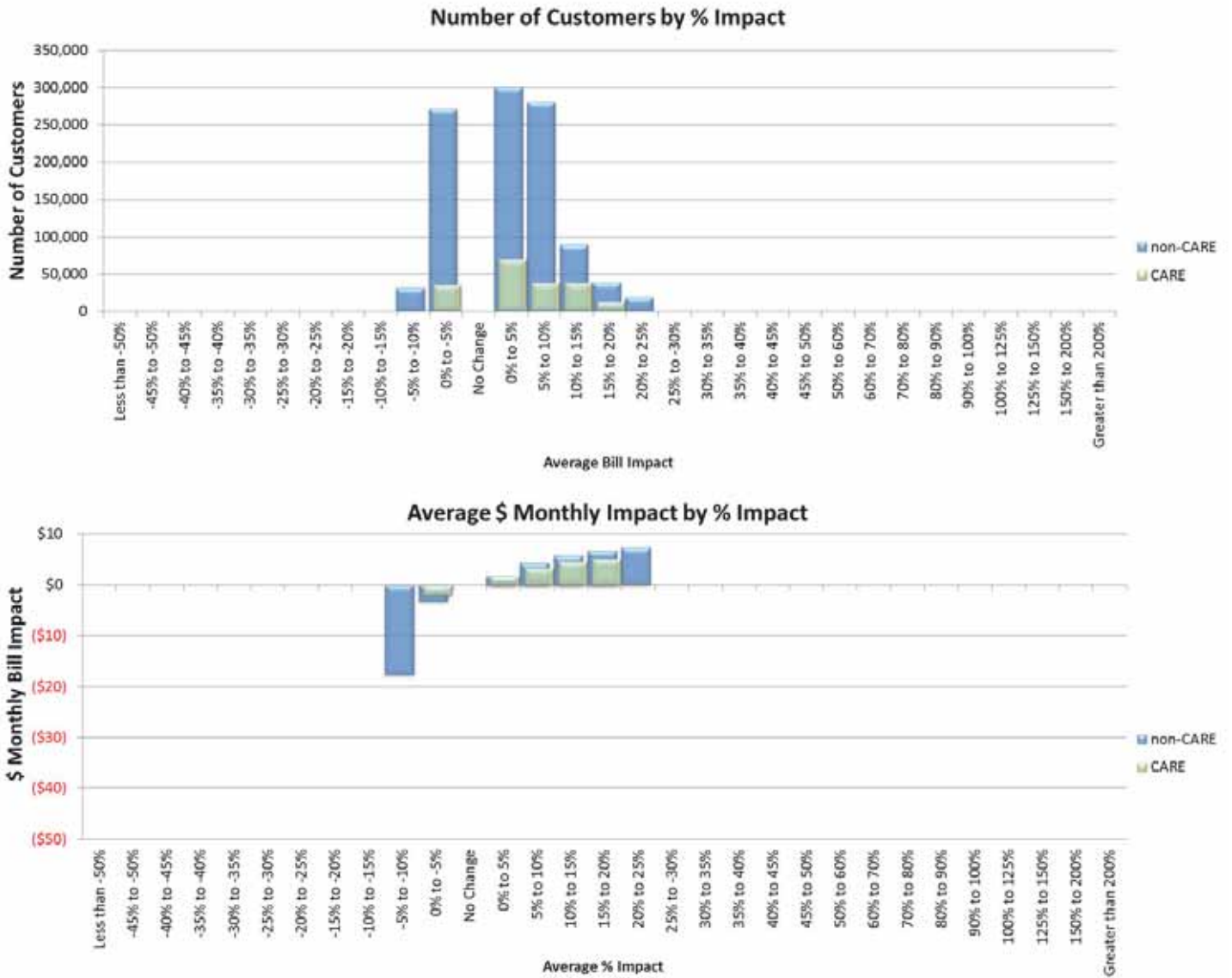


Chart II.A.5: Step 5 Bill Impacts: Distribution Recovery through Basic Service Fee and Commodity Recovery through Flat Energy Rate



B. Distribution Recovery through Basic Service Fee and Commodity Recovery through TOU Energy Rate

In looking at rates that include both tiers and TOU, SDG&E includes two presentation options:

- Tiered rates with TOU surcharge or credits (Tables II.B.1 and II.B.2), and
- TOU rates with baseline credits (Tables II.B.3 and II.B.4).

The effective rates however are the same and consequently the bill impacts are the same.

Table II.B.1: Non-CARE Illustrative Transition Path for Distribution Recovery through Basic Service Fee and Commodity Recovery through TOU Energy (Tiers with TOU Surcharge/Credit)

	Current	Step 1	Step 2	Step 3	Step 4	Step 5
Non-CARE						
BSF	0.00	7.38	15.37	23.05	30.74	38.42
Summer Energy (cents/kWh)						
Baseline Energy	14.3	14.7	13.8	15.0	12.5	10.3
101% to 130% of Baseline	16.6	17.0	19.6	15.0	12.5	10.3
131% to 200% of Baseline	28.0	25.8	19.6	15.0	12.5	10.3
Above 200% of Baseline	30.0	25.8	19.6	15.0	12.5	10.3
Winter Energy (cents/kWh)						
Baseline Energy	14.3	14.9	14.9	13.2	11.7	10.4
101% to 130% of Baseline	16.6	17.1	16.9	13.2	11.7	10.4
131% to 200% of Baseline	26.2	22.2	16.9	13.2	11.7	10.4
Above 200% of Baseline	28.2	22.2	16.9	13.2	11.7	10.4
Minimum Bill (\$/Day)	0.17	0.00	0.00	0.00	0.00	0.00
Time-of-Use Surcharge/Credits (cents/kWh)						
Summer On-Peak Surcharge	0.0	1.5	5.6	9.7	13.9	18.0
Summer Off-Peak Credit	0.0	-1.6	-1.6	-1.6	-1.6	-1.6
Winter On-Peak Surcharge	0.0	0.9	0.9	0.9	0.9	0.9
Winter Off-Peak Credit	0.0	-1.3	-1.3	-1.3	-1.3	-1.3

Table II.B.2: CARE Illustrative Transition Path for Distribution Recovery through Basic Service Fee and Commodity Recovery through TOU Energy (Tiers with TOU Surcharge/Credit)

	Current	Step 1	Step 2	Step 3	Step 4	Step 5
CARE						
BSF	0.00	5.90	12.30	18.44	24.59	30.74
Summer Energy (cents/kWh)						
Baseline Energy	10.0	10.3	9.5	9.8	8.0	6.3
101% to 130% of Baseline	11.6	11.9	12.2	9.8	8.0	6.3
131% to 200% of Baseline	17.6	15.8	12.2	9.8	8.0	6.3
Above 200% of Baseline	17.6	15.8	12.2	9.8	8.0	6.3
Winter Energy (cents/kWh)						
Baseline Energy	10.0	10.4	10.4	8.8	7.8	6.9
101% to 130% of Baseline	11.6	12.1	10.6	8.8	7.8	6.9
131% to 200% of Baseline	16.4	12.8	10.6	8.8	7.8	6.9
Above 200% of Baseline	16.4	12.8	10.6	8.8	7.8	6.9
Minimum Bill (\$/Day)	0.14	0.00	0.00	0.00	0.00	0.00
Time-of-Use Surcharge/Credits (cents/kWh)						
Summer On-Peak Surcharge	0.0	1.2	4.5	7.8	11.1	14.4
Summer Off-Peak Credit	0.0	-1.3	-1.3	-1.3	-1.3	-1.3
Winter On-Peak Surcharge	0.0	0.7	0.7	0.7	0.7	0.7
Winter Off-Peak Credit	0.0	-1.0	-1.0	-1.0	-1.0	-1.0

Table II.B.3: Non-CARE Illustrative Transition Path for Distribution Recovery through Basic Service Fee and Commodity Recovery through TOU Energy (TOU with Baseline Credit)

	Current	Step 1	Step 2	Step 3	Step 4	Step 5
Non-CARE						
BSF (\$/Month)	0.00	7.38	15.37	23.05	30.74	38.42
Summer Energy (cents/kWh)						
On-Peak	30.0	27.3	25.2	24.7	26.3	28.2
Semi-Peak	30.0	25.8	19.6	15.0	12.5	10.3
Off-Peak	30.0	24.2	18.0	13.4	10.9	8.7
Winter Energy (cents/kWh)						
On-Peak	28.2	23.1	17.8	14.2	12.6	11.4
Semi-Peak	28.2	22.2	16.9	13.2	11.7	10.4
Off-Peak	28.2	20.9	15.6	12.0	10.4	9.2
Minimum Bill (\$/Day)	0.17	0.00	0.00	0.00	0.00	0.00
Summer Energy Credits (cents/kWh)						
Baseline Energy Credit	-15.6	-11.1	-5.8	0.0	0.0	0.0
101% to 130% of Baseline Credit	-13.4	-8.8	0.0	0.0	0.0	0.0
131% to 200% of Baseline Credit	-2.0	0.0	0.0	0.0	0.0	0.0
Winter Energy Credits (cents/kWh)						
Baseline Energy Credit	-13.9	-7.3	-2.0	0.0	0.0	0.0
101% to 130% of Baseline Credit	-11.7	-5.1	0.0	0.0	0.0	0.0
131% to 200% of Baseline Credit	-2.0	0.0	0.0	0.0	0.0	0.0

Table II.B.4: CARE Illustrative Transition Path for Distribution Recovery through Basic Service Fee and Commodity Recovery through TOU Energy (TOU with Baseline Credit)

	Current	Step 1	Step 2	Step 3	Step 4	Step 5
CARE						
BSF (\$/Month)	0.00	5.90	12.30	18.44	24.59	30.74
Summer Energy (cents/kWh)						
On-Peak	17.6	16.9	16.7	17.6	19.0	20.7
Semi-Peak	17.6	15.8	12.2	9.8	8.0	6.3
Off-Peak	17.6	14.5	10.9	8.5	6.7	5.1
Winter Energy (cents/kWh)						
On-Peak	16.4	13.6	11.4	9.6	8.5	7.7
Semi-Peak	16.4	12.8	10.6	8.8	7.8	6.9
Off-Peak	16.4	11.8	9.6	7.8	6.8	5.9
Minimum Bill (\$/Day)	0.14	0.00	0.00	0.00	0.00	0.00
Summer Energy Credits (cents/kWh)						
Baseline Energy Credit	-7.6	-5.5	-2.6	0.0	0.0	0.0
101% to 130% of Baseline Credit	-5.9	-3.8	0.0	0.0	0.0	0.0
131% to 200% of Baseline Credit	0.0	0.0	0.0	0.0	0.0	0.0
Winter Energy Credits (cents/kWh)						
Baseline Energy Credit	-6.5	-2.4	-0.2	0.0	0.0	0.0
101% to 130% of Baseline Credit	-4.8	-0.8	0.0	0.0	0.0	0.0
131% to 200% of Baseline Credit	0.0	0.0	0.0	0.0	0.0	0.0

Chart II.B.1: Step 1 Bill Impacts: Distribution Recovery through Basic Service Fee and Commodity Recovery through TOU Energy

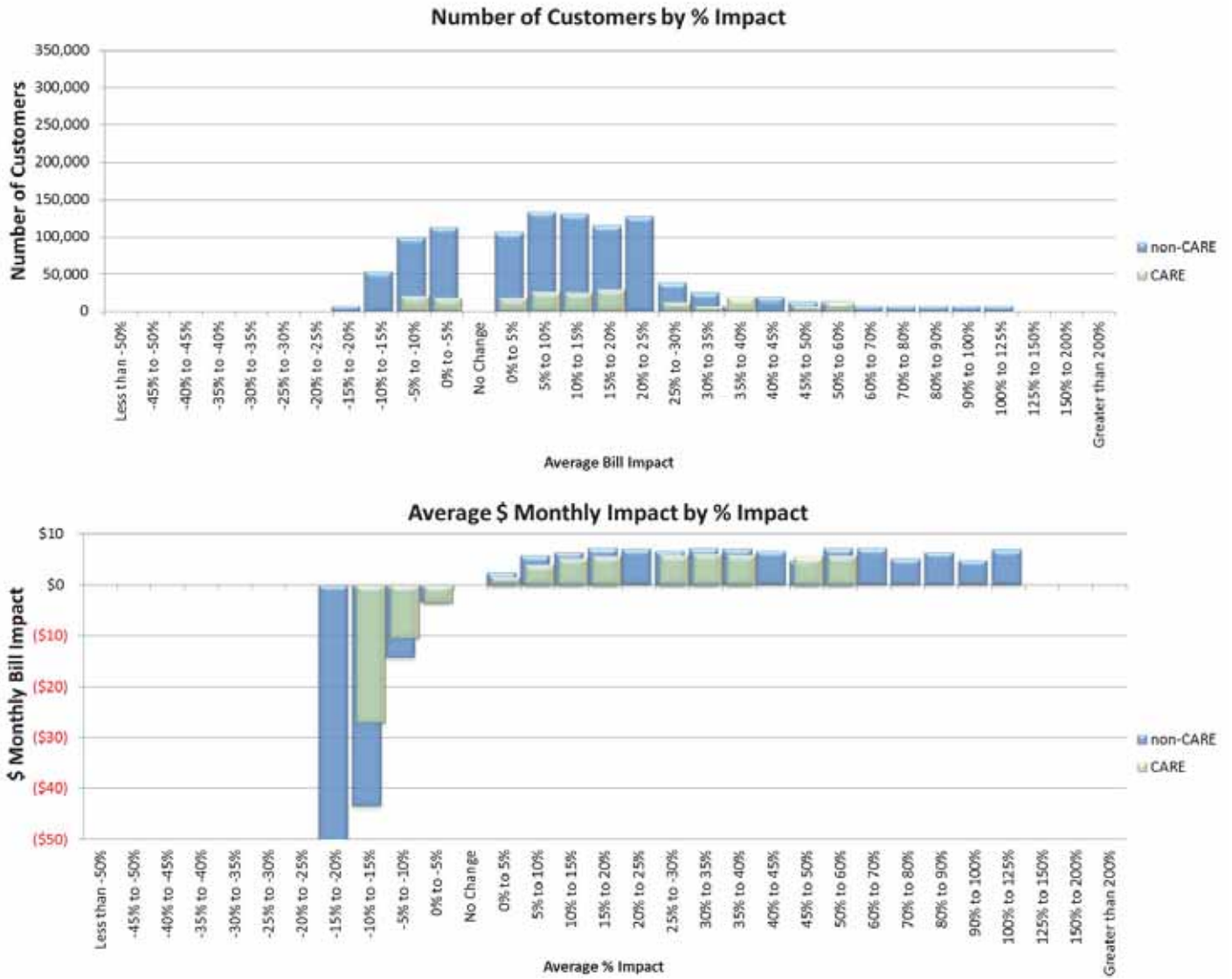


Chart II.B.2: Step 2 Bill Impacts: Distribution Recovery through Basic Service Fee and Commodity Recovery through TOU Energy

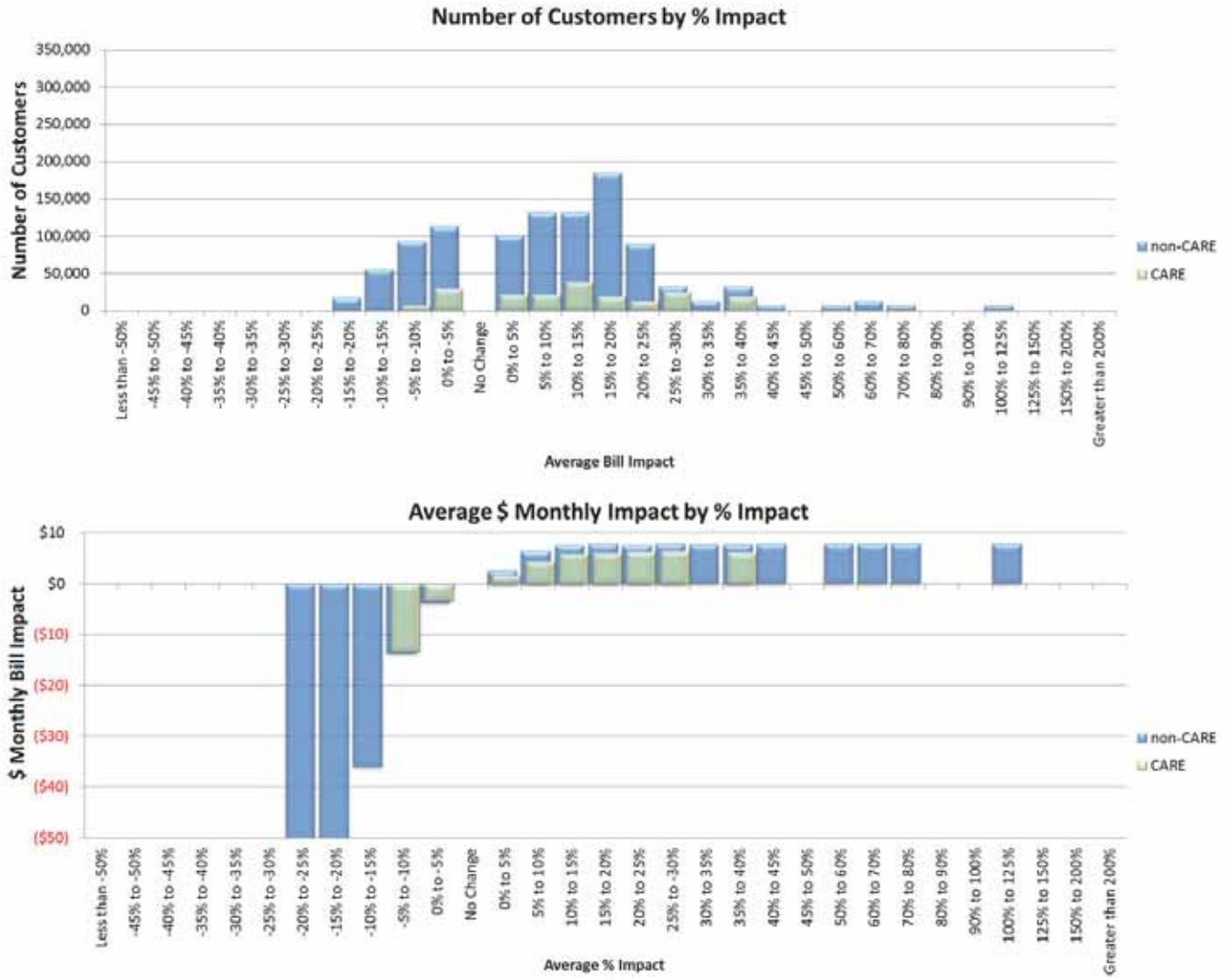


Chart II.B.3: Step 3 Bill Impacts: Distribution Recovery through Basic Service Fee and Commodity Recovery through TOU Energy

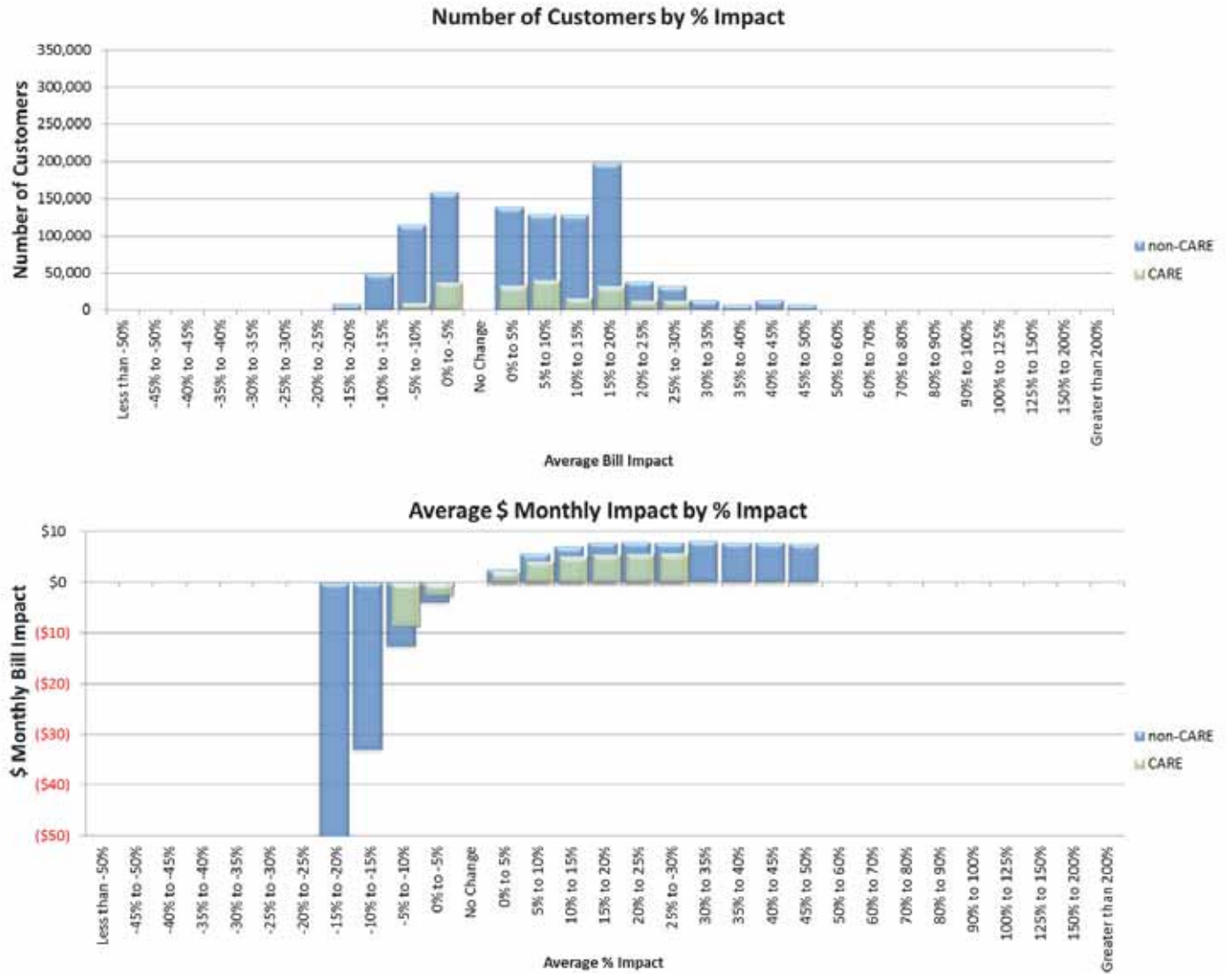


Chart II.B.4: Step 4 Bill Impacts: Distribution Recovery through Basic Service Fee and Commodity Recovery through TOU Energy

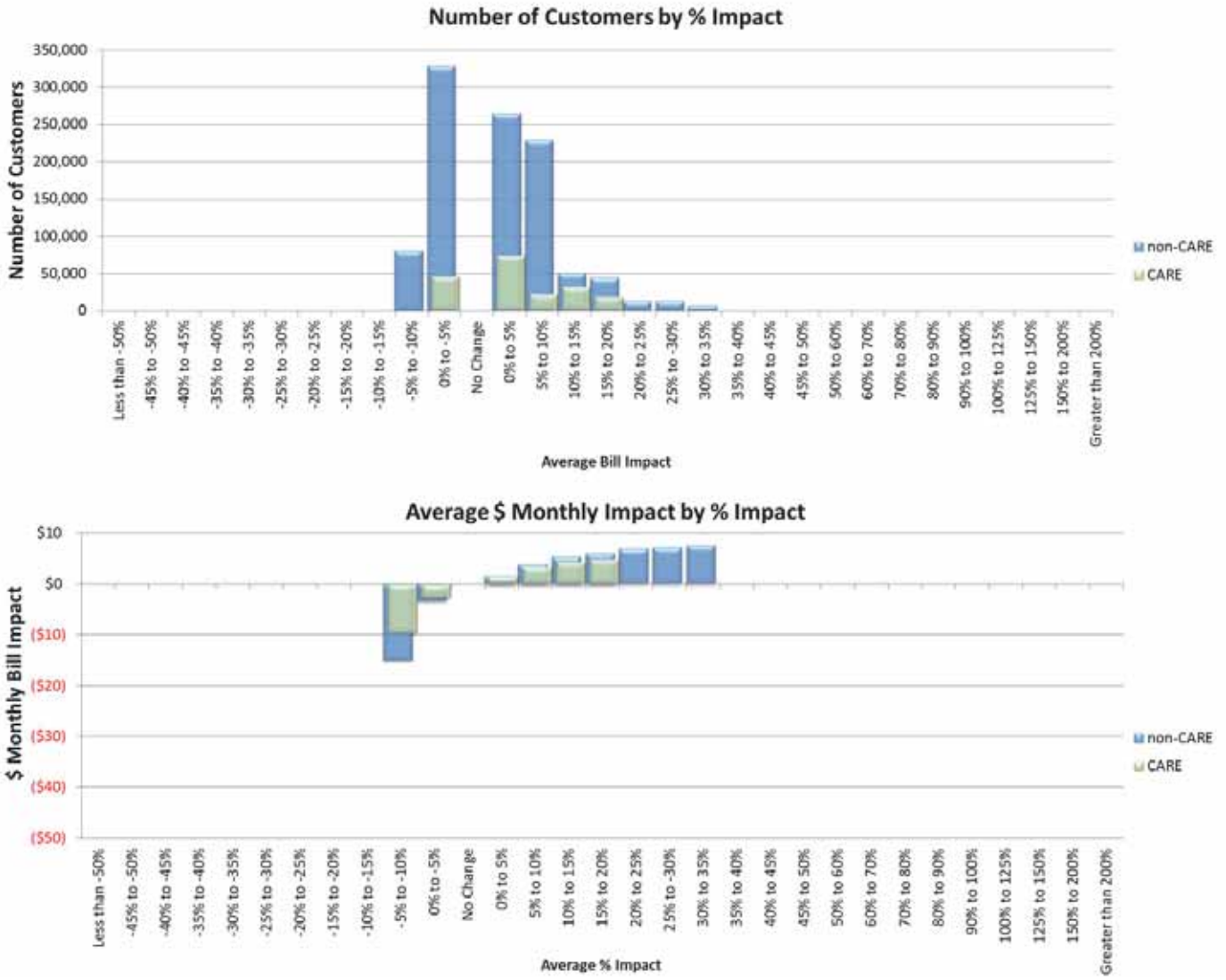
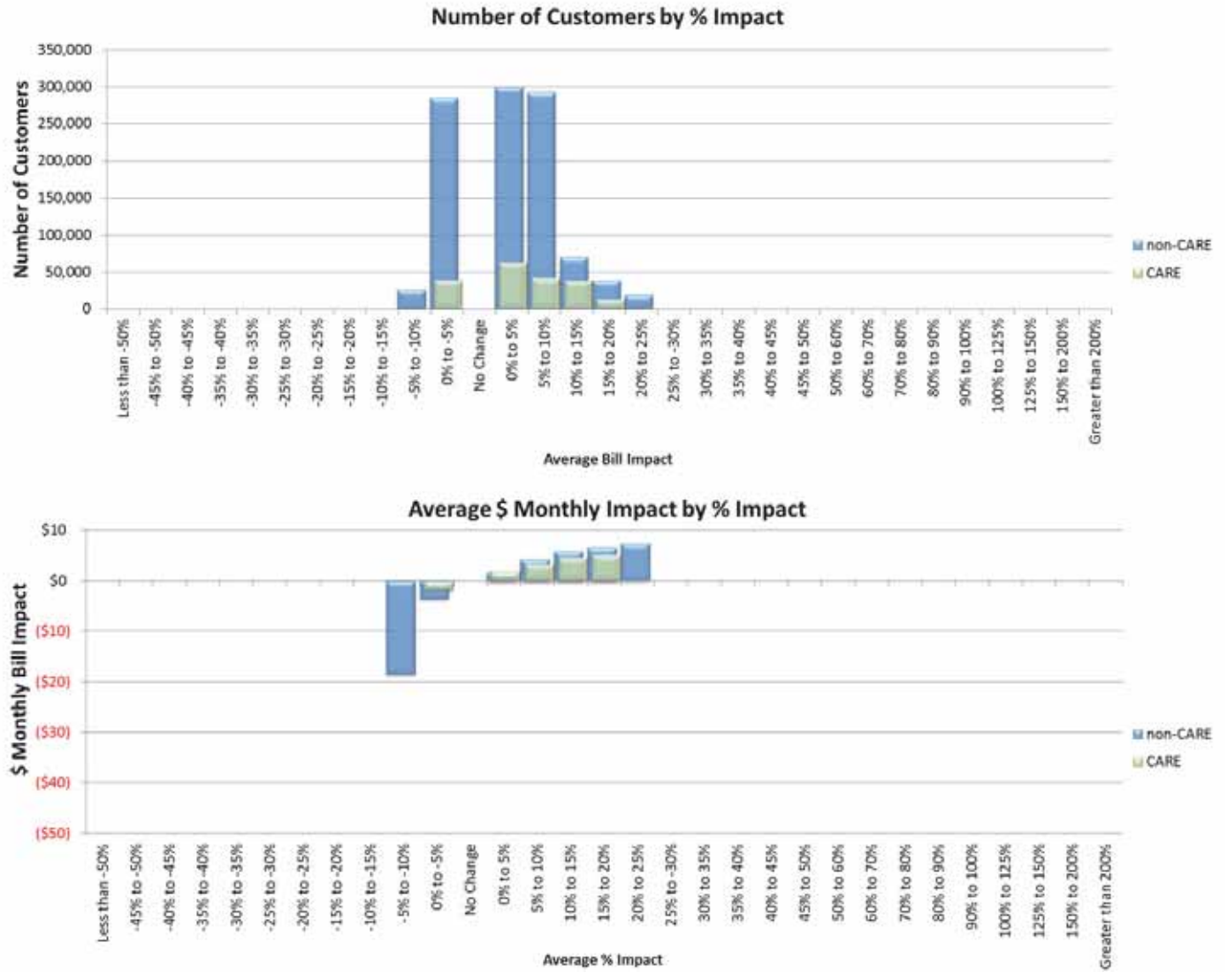


Chart II.B.5: Step 5 Bill Impacts: Distribution Recovery through Basic Service Fee and Commodity Recovery through TOU Energy



III. Illustrative Total Rates with Distribution Recovery through a Demand Differentiated Basic Service Fee

SDG&E's July 1st filing presented illustrative distribution bill impacts if, rather than the current recovery through a volumetric per kWh rate, all distribution costs were collected by a Demand Differentiated Basic Service Fee (\$/month varying by maximum demand) in five incremental steps. This illustrative transition followed the same revenue shift as was presented above for the transition to Basic Service Fee recovery. The starting point value in Step 1 distinguishes the different basic service fee values for the different demand thresholds, increasing by the same factor through the progressive steps.

To meet the ED request, as noted above, requires assumptions regarding tiered rates and commodity rates. SDG&E provides illustrative bundled rate design and illustrative bill impacts with the assumptions related to tiered rate transition and commodity rates as discussed above.

A. Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy Rate

Table III.A.1: Non-CARE Illustrative Transition Path for Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through Flat Energy Rate

	Current	Step 1	Step 2	Step 3	Step 4	Step 5
Non-CARE						
BSF (\$/Month)						
0 to <3 kW Max Demand	0.00	3.00	6.00	9.00	12.00	15.00
3 to <7 kW Max Demand	0.00	6.00	12.00	18.00	24.00	30.00
7 kW and above Max Demand	0.00	13.03	26.07	39.10	52.14	65.17
Summer Energy (cents/kWh)						
Baseline Energy	14.3	14.3	14.3	16.5	15.0	13.7
101% to 130% of Baseline	16.6	16.6	20.2	16.5	15.0	13.7
131% to 200% of Baseline	28.0	25.2	20.2	16.5	15.0	13.7
Above 200% of Baseline	30.0	25.2	20.2	16.5	15.0	13.7
Winter Energy (cents/kWh)						
Baseline Energy	14.3	14.3	14.3	12.7	11.2	9.9
101% to 130% of Baseline	16.6	16.6	16.4	12.7	11.2	9.9
131% to 200% of Baseline	26.2	21.4	16.4	12.7	11.2	9.9
Above 200% of Baseline	28.2	21.4	16.4	12.7	11.2	9.9
Minimum Bill (\$/Day)	0.17	0.00	0.00	0.00	0.00	0.00

Table III.A.2: CARE Illustrative Transition Path for Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through Flat Energy Rate

	Current	Step 1	Step 2	Step 3	Step 4	Step 5
CARE						
BSF (\$/Month)						
0 to <3 kW Max Demand	0.00	2.40	4.80	7.20	9.60	12.00
3 to <7 kW Max Demand	0.00	4.80	9.60	14.40	19.20	24.00
7 kW and above Max Demand	0.00	10.42	20.86	31.28	41.71	52.14
Summer Energy (cents/kWh)						
Baseline Energy	10.0	10.0	10.0	11.0	10.0	9.1
101% to 130% of Baseline	11.6	11.6	12.6	11.0	10.0	9.1
131% to 200% of Baseline	17.6	15.3	12.6	11.0	10.0	9.1
Above 200% of Baseline	17.6	15.3	12.6	11.0	10.0	9.1
Winter Energy (cents/kWh)						
Baseline Energy	10.0	10.0	10.0	8.4	7.4	6.5
101% to 130% of Baseline	11.6	11.6	10.2	8.4	7.4	6.5
131% to 200% of Baseline	16.4	13.0	10.2	8.4	7.4	6.5
Above 200% of Baseline	16.4	13.0	10.2	8.4	7.4	6.5
Minimum Bill (\$/Day)	0.14	0.00	0.00	0.00	0.00	0.00

Chart III.A.1: Step 1 Bill Impacts: Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through Flat Energy Rate

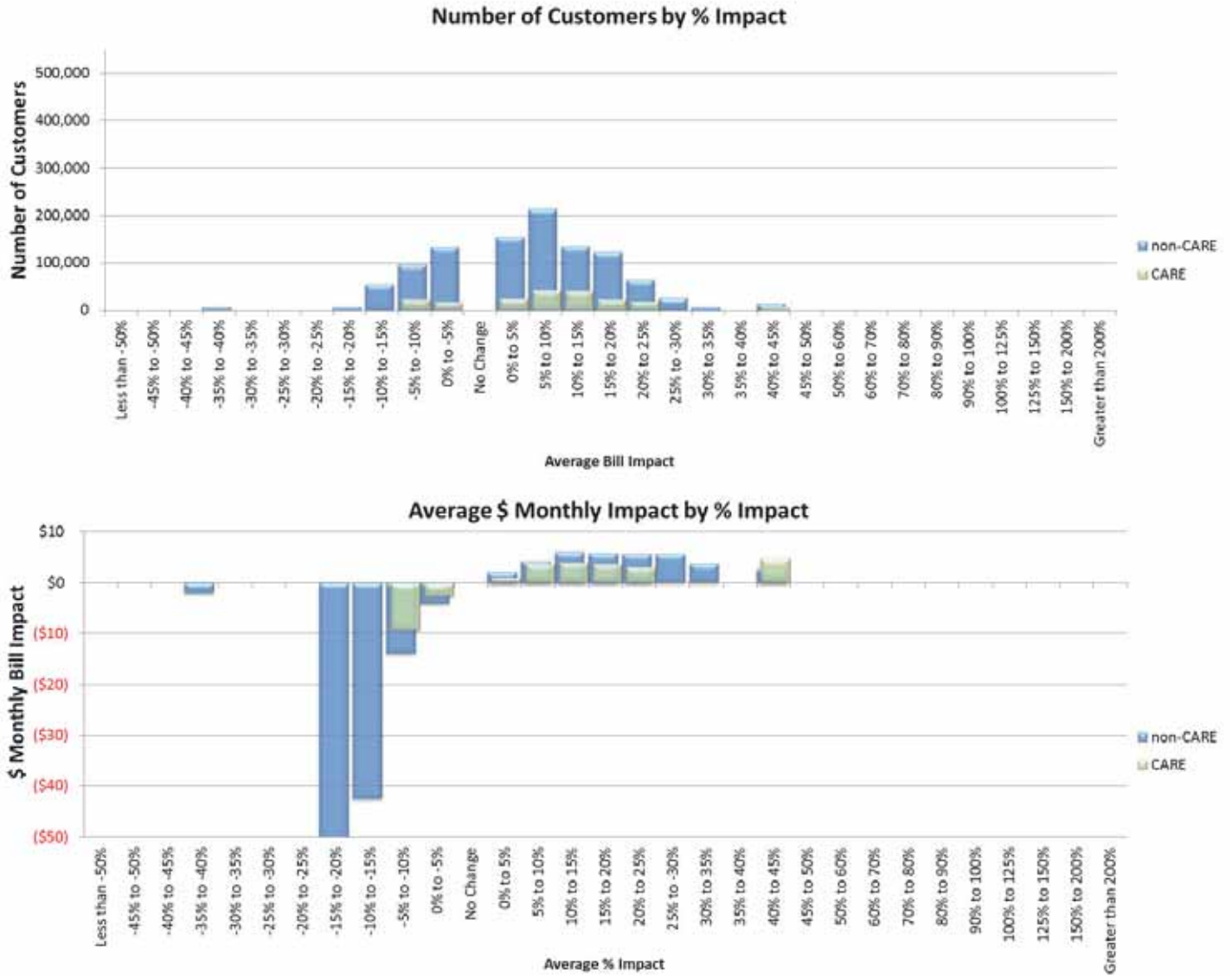


Chart III.A.2: Step 2 Bill Impacts: Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through Flat Energy Rate

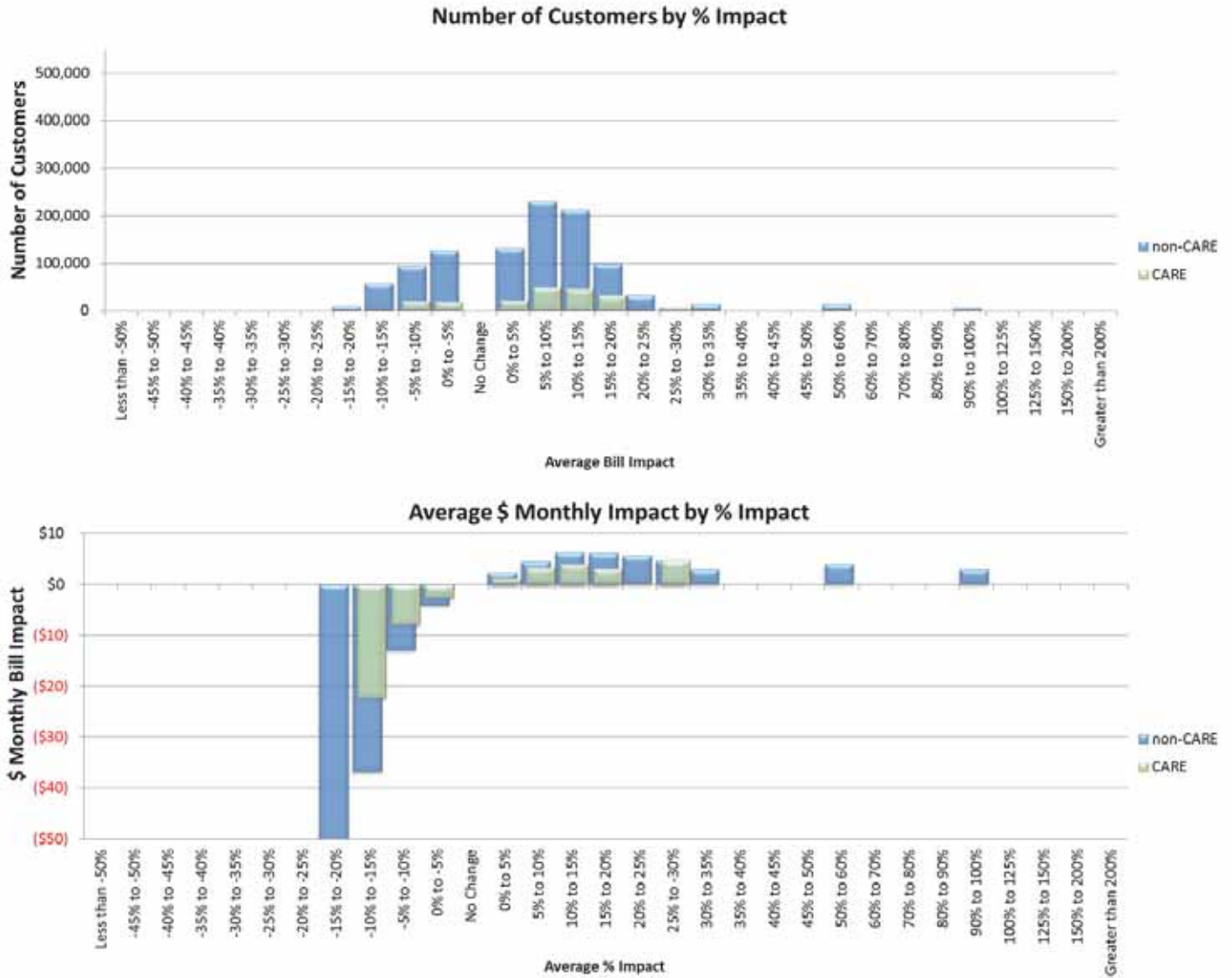


Chart III.A.3: Step 3 Bill Impacts: Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through Flat Energy Rate

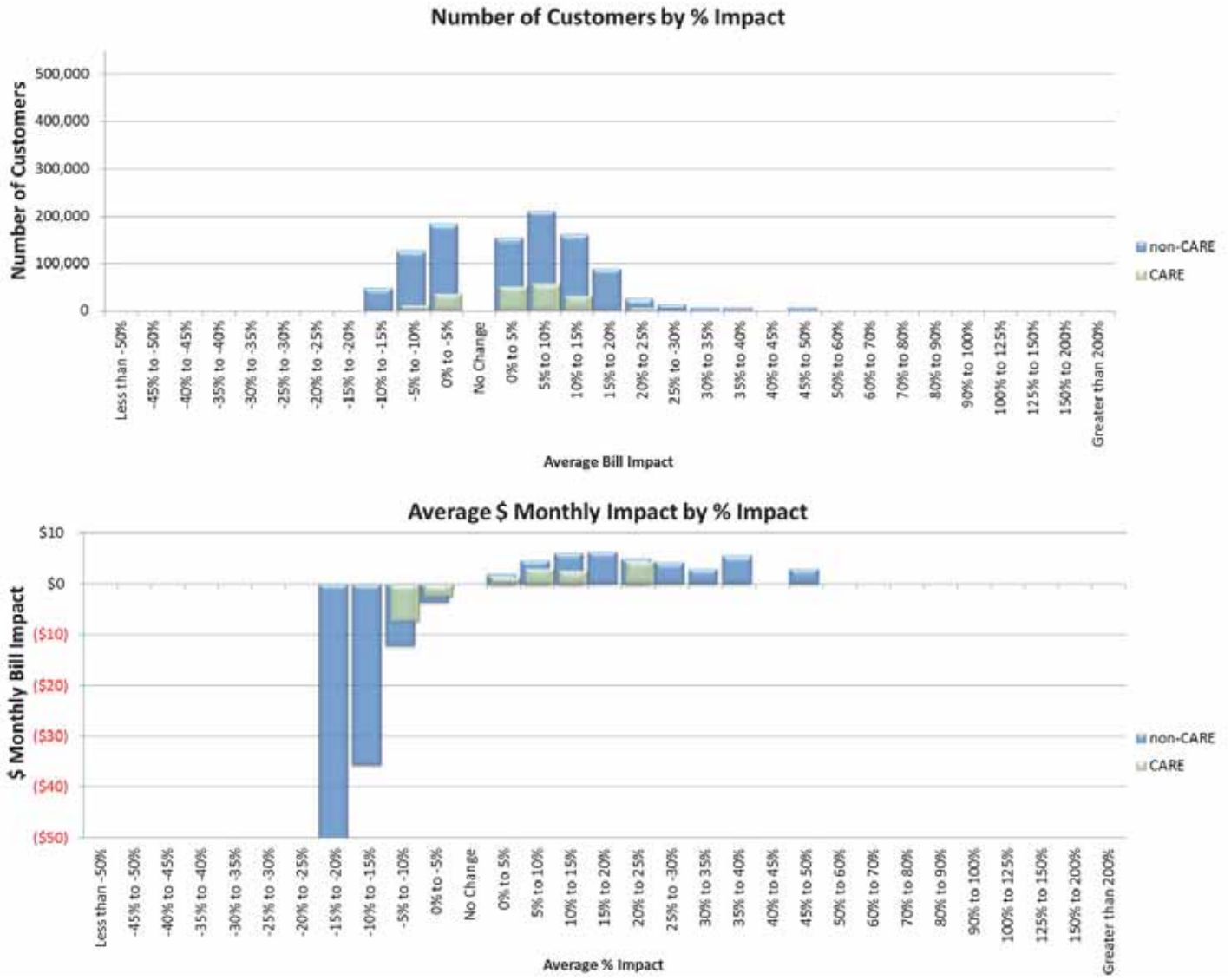


Chart III.A.4: Step 4 Bill Impacts: Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through Flat Energy Rate

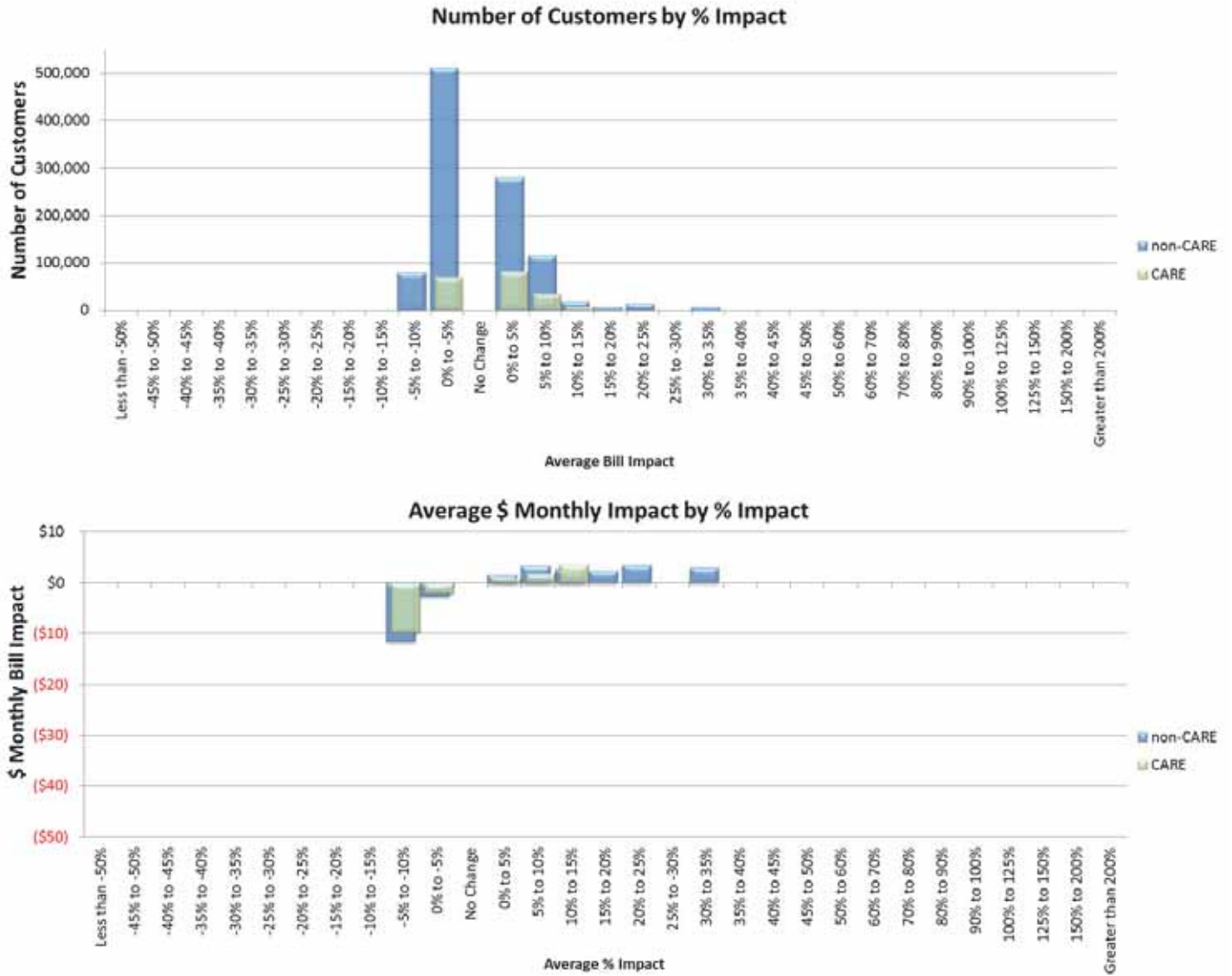
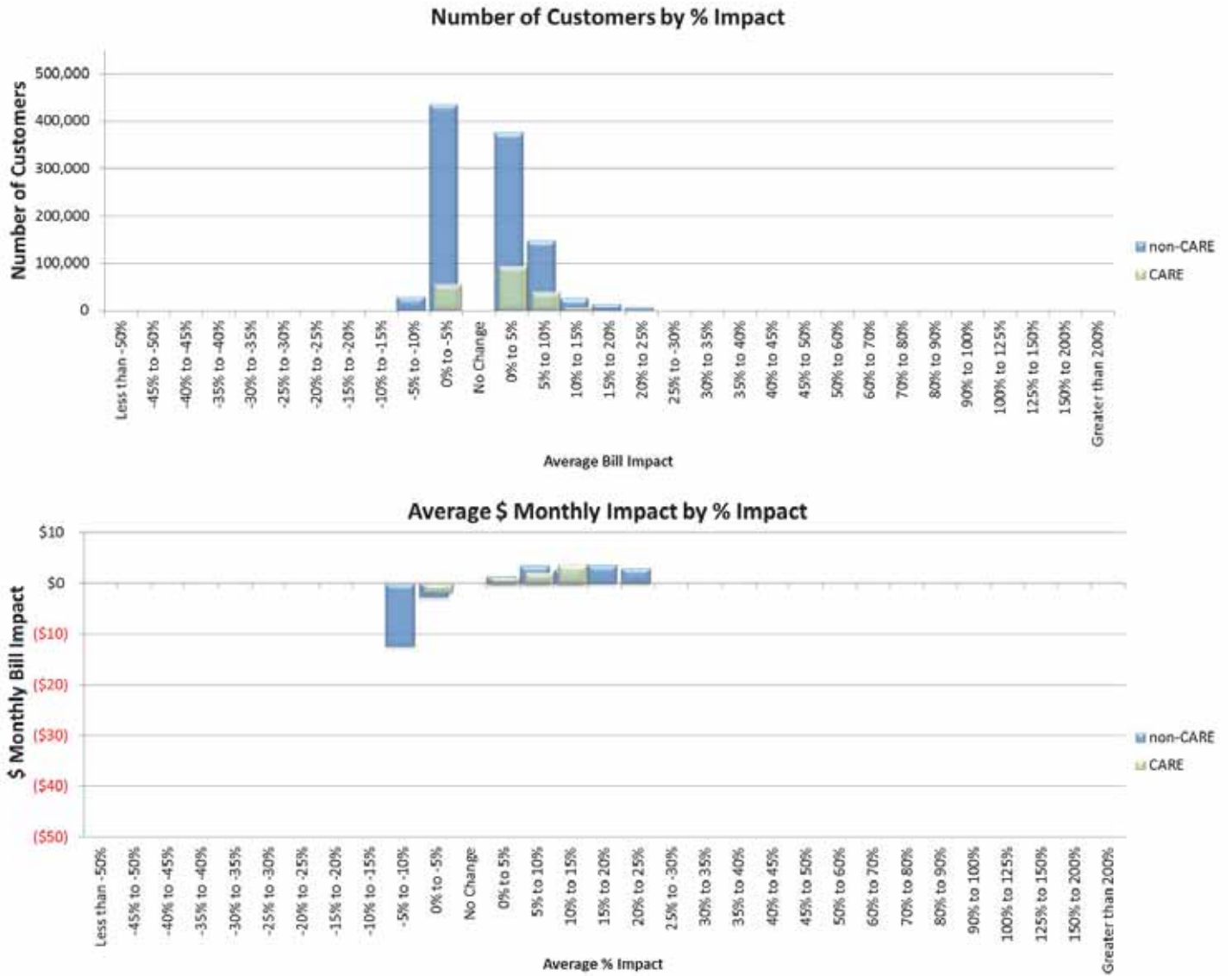


Chart III.A.5: Step 5 Bill Impacts: Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through Flat Energy Rate



B. Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy Rate

Consistent with what was provided for Distribution Recovery through Basic Service Fee and Commodity recovery through TOU Energy Rate, for Distribution Recovery through Demand Differentiated Basic Service Fee, SDG&E includes two presentation options for Commodity Recovery through TOU Energy Rate:

- Tiered rates with TOU surcharge or credits (Tables III.B.1 and III.B.2), and
- TOU rates with baseline credits (Tables III.B.3 and III.B.4).

The effective rates however are the same and consequently the bill impacts are the same.

Table III.B.1: Non-CARE Illustrative Transition Path for Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy (Tiers with TOU Surcharge/Credit)

	Current	Step 1	Step 2	Step 3	Step 4	Step 5
Non-CARE						
BSF (\$/Month)						
0 to <3 kW Max Demand	0.00	3.00	6.00	9.00	12.00	15.00
3 to <7 kW Max Demand	0.00	6.00	12.00	18.00	24.00	30.00
7 kW and above Max Demand	0.00	13.03	26.07	39.10	52.14	65.17
Summer Energy (cents/kWh)						
Baseline Energy	14.3	14.7	13.8	15.0	12.5	10.3
101% to 130% of Baseline	16.6	17.0	19.6	15.0	12.5	10.3
131% to 200% of Baseline	28.0	25.6	19.6	15.0	12.5	10.3
Above 200% of Baseline	30.0	25.6	19.6	15.0	12.5	10.3
Winter Energy (cents/kWh)						
Baseline Energy	14.3	14.9	14.9	13.3	11.7	10.4
101% to 130% of Baseline	16.6	17.1	16.9	13.3	11.7	10.4
131% to 200% of Baseline	26.2	22.0	16.9	13.3	11.7	10.4
Above 200% of Baseline	28.2	22.0	16.9	13.3	11.7	10.4
Minimum Bill (\$/Day)	0.17	0.00	0.00	0.00	0.00	0.00
Time-of-Use Surcharge/Credits (cents/kWh)						
Summer On-Peak Surcharge	0.0	1.5	5.6	9.7	13.9	18.0
Summer Off-Peak Credit	0.0	-1.6	-1.6	-1.6	-1.6	-1.6
Winter On-Peak Surcharge	0.0	0.9	0.9	0.9	0.9	0.9
Winter Off-Peak Credit	0.0	-1.3	-1.3	-1.3	-1.3	-1.3

Table III.B.2: CARE Illustrative Transition Path for Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy (Tiers with TOU Surcharge/Credit)

	Current	Step 1	Step 2	Step 3	Step 4	Step 5
CARE						
BSF (\$/Month)						
0 to <3 kW Max Demand	0.00	2.40	4.80	7.20	9.60	12.00
3 to <7 kW Max Demand	0.00	4.80	9.60	14.40	19.20	24.00
7 kW and above Max Demand	0.00	10.42	20.86	31.28	41.71	52.14
Summer Energy (cents/kWh)						
Baseline Energy	10.0	10.3	9.5	9.8	8.0	6.3
101% to 130% of Baseline	11.6	11.9	12.2	9.8	8.0	6.3
131% to 200% of Baseline	17.6	15.6	12.2	9.8	8.0	6.3
Above 200% of Baseline	17.6	15.6	12.2	9.8	8.0	6.3
Winter Energy (cents/kWh)						
Baseline Energy	10.0	10.4	10.4	8.9	7.8	6.9
101% to 130% of Baseline	11.6	12.1	10.7	8.9	7.8	6.9
131% to 200% of Baseline	16.4	13.4	10.7	8.9	7.8	6.9
Above 200% of Baseline	16.4	13.4	10.7	8.9	7.8	6.9
Minimum Bill (\$/Day)	0.14	0.00	0.00	0.00	0.00	0.00
Time-of-Use Surcharge/Credits (cents/kWh)						
Summer On-Peak Surcharge	0.0	1.2	4.5	7.8	11.1	14.4
Summer Off-Peak Credit	0.0	-1.3	-1.3	-1.3	-1.3	-1.3
Winter On-Peak Surcharge	0.0	0.7	0.7	0.7	0.7	0.7
Winter Off-Peak Credit	0.0	-1.0	-1.0	-1.0	-1.0	-1.0

Table III.B.3: Non-CARE Illustrative Transition Path for Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy (TOU with Baseline Credit)

	Current	Step 1	Step 2	Step 3	Step 4	Step 5
Non-CARE						
BSF (\$/Month)						
0 to <3 kW Max Demand	0.00	3.00	6.00	9.00	12.00	15.00
3 to <7 kW Max Demand	0.00	6.00	12.00	18.00	24.00	30.00
7 kW and above Max Demand	0.00	13.03	26.07	39.10	52.14	65.17
Summer Energy (cents/kWh)						
On-Peak	30.0	27.1	25.2	24.7	26.4	28.2
Semi-Peak	30.0	25.6	19.6	15.0	12.5	10.3
Off-Peak	30.0	24.0	18.0	13.4	10.9	8.7
Winter Energy (cents/kWh)						
On-Peak	28.2	22.9	17.9	14.2	12.7	11.4
Semi-Peak	28.2	22.0	16.9	13.3	11.7	10.4
Off-Peak	28.2	20.7	15.6	12.0	10.5	9.1
Minimum Bill (\$/Day)	0.17	0.00	0.00	0.00	0.00	0.00
Summer Energy Credits (cents/kWh)						
Baseline Energy Credit	-15.6	-10.9	-5.8	0.0	0.0	0.0
101% to 130% of Baseline Credit	-13.4	-8.6	0.0	0.0	0.0	0.0
131% to 200% of Baseline Credit	-2.0	0.0	0.0	0.0	0.0	0.0
Winter Energy Credits (cents/kWh)						
Baseline Energy Credit	-13.9	-7.1	-2.0	0.0	0.0	0.0
101% to 130% of Baseline Credit	-11.7	-4.9	0.0	0.0	0.0	0.0
131% to 200% of Baseline Credit	-2.0	0.0	0.0	0.0	0.0	0.0

Table III.B.4: CARE Illustrative Transition Path for Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy (TOU with Baseline Credit)

	Current	Step 1	Step 2	Step 3	Step 4	Step 5
CARE						
BSF (\$/Month)						
0 to <3 kW Max Demand	0.00	2.40	4.80	7.20	9.60	12.00
3 to <7 kW Max Demand	0.00	4.80	9.60	14.40	19.20	24.00
7 kW and above Max Demand	0.00	10.42	20.86	31.28	41.71	52.14
Summer Energy (cents/kWh)						
On-Peak	17.6	16.8	16.7	17.6	19.1	20.7
Semi-Peak	17.6	15.6	12.2	9.8	8.0	6.3
Off-Peak	17.6	14.4	10.9	8.5	6.7	5.1
Winter Energy (cents/kWh)						
On-Peak	16.4	14.2	11.4	9.6	8.6	7.7
Semi-Peak	16.4	13.4	10.7	8.9	7.8	6.9
Off-Peak	16.4	12.4	9.6	7.8	6.8	5.9
Minimum Bill (\$/Day)	0.14	0.00	0.00	0.00	0.00	0.00
Summer Energy Credits (cents/kWh)						
Baseline Energy Credit	-7.6	-5.3	-2.7	0.0	0.0	0.0
101% to 130% of Baseline Credit	-5.9	-3.7	0.0	0.0	0.0	0.0
131% to 200% of Baseline Credit	0.0	0.0	0.0	0.0	0.0	0.0
Winter Energy Credits (cents/kWh)						
Baseline Energy Credit	-6.5	-3.0	-0.3	0.0	0.0	0.0
101% to 130% of Baseline Credit	-4.8	-1.4	0.0	0.0	0.0	0.0
131% to 200% of Baseline Credit	0.0	0.0	0.0	0.0	0.0	0.0

Chart III.B.1: Step 1 Bill Impacts: Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy

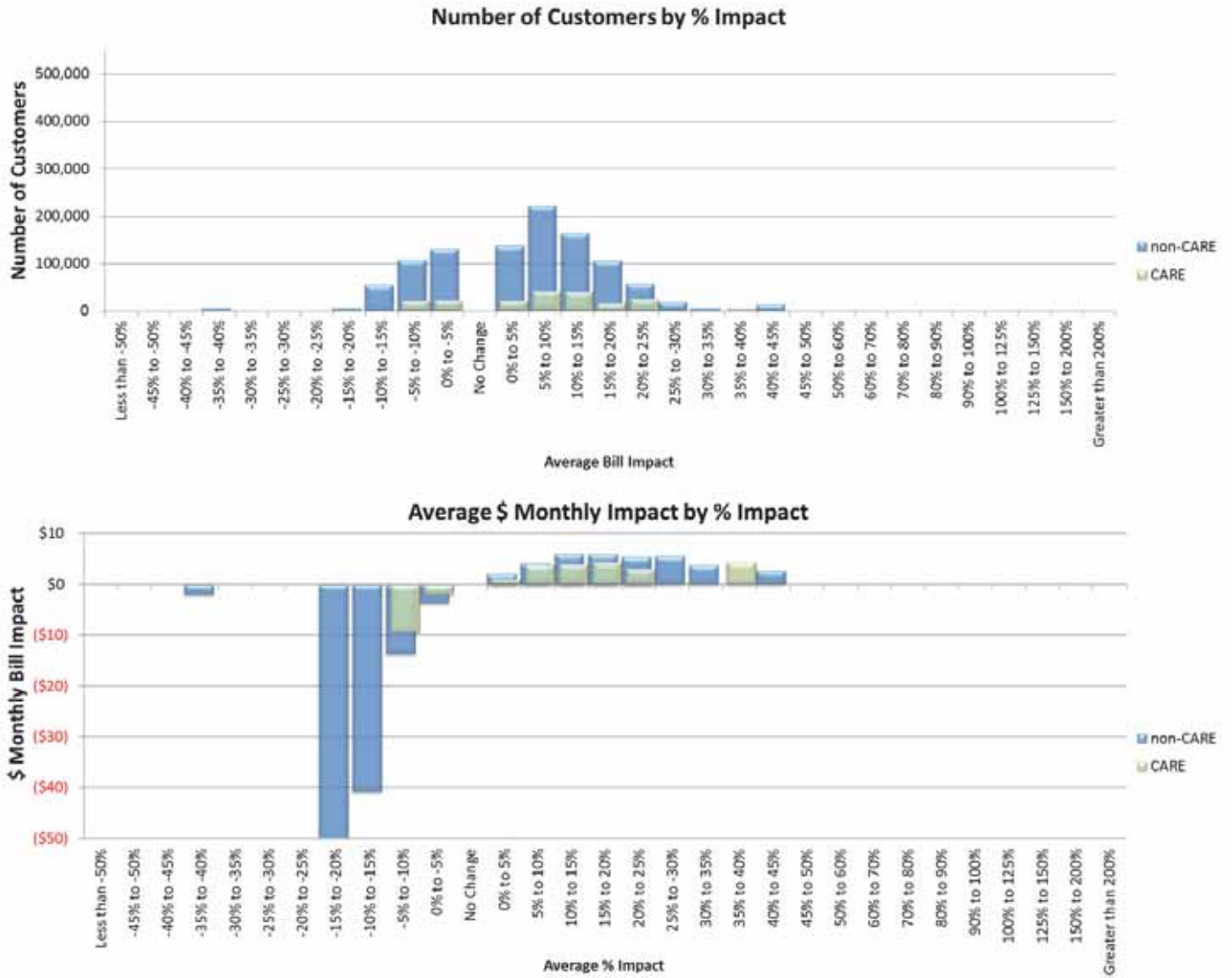


Chart III.B.3: Step 2 Bill Impacts: Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy

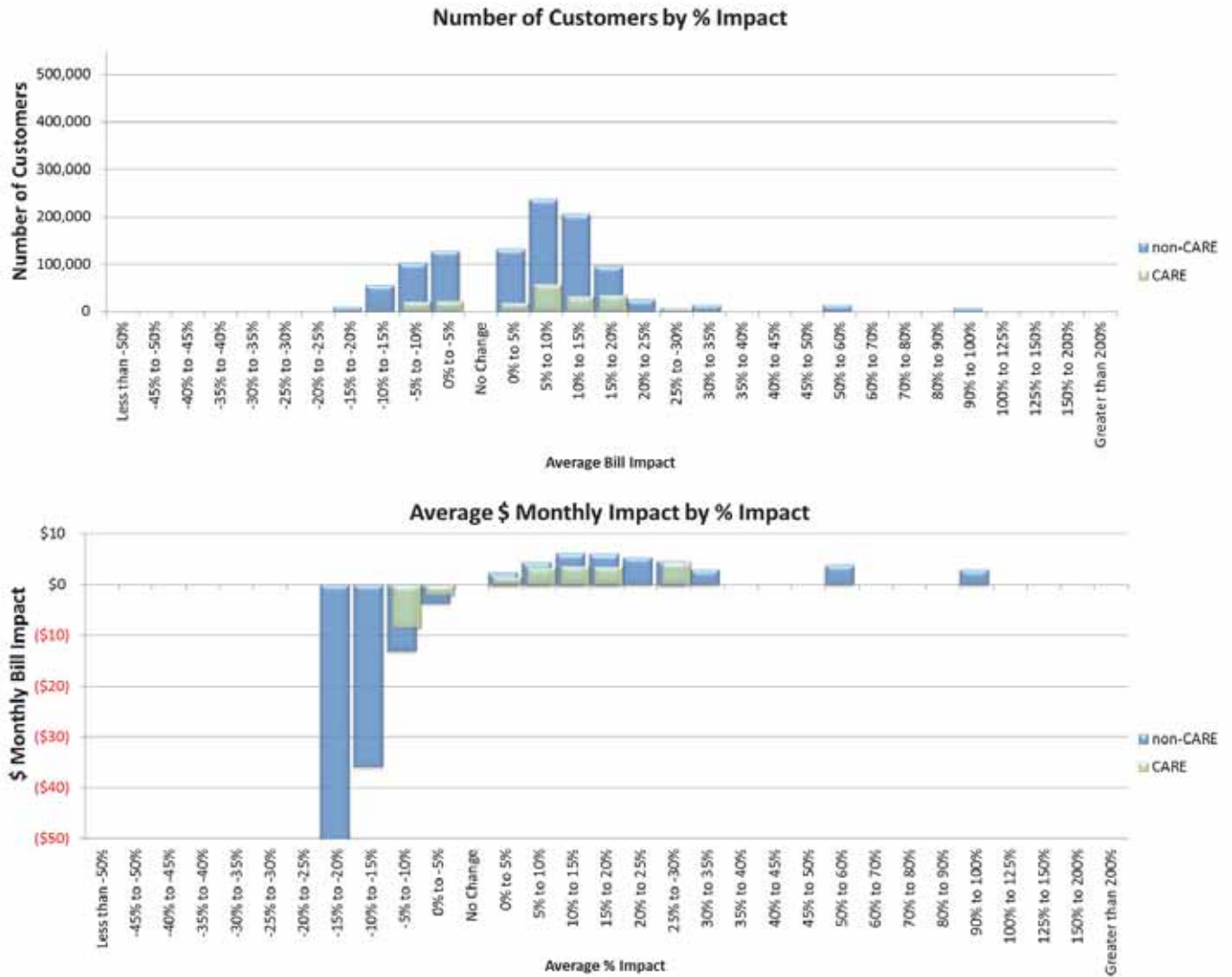


Chart III.B.3: Step 3 Bill Impacts: Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy

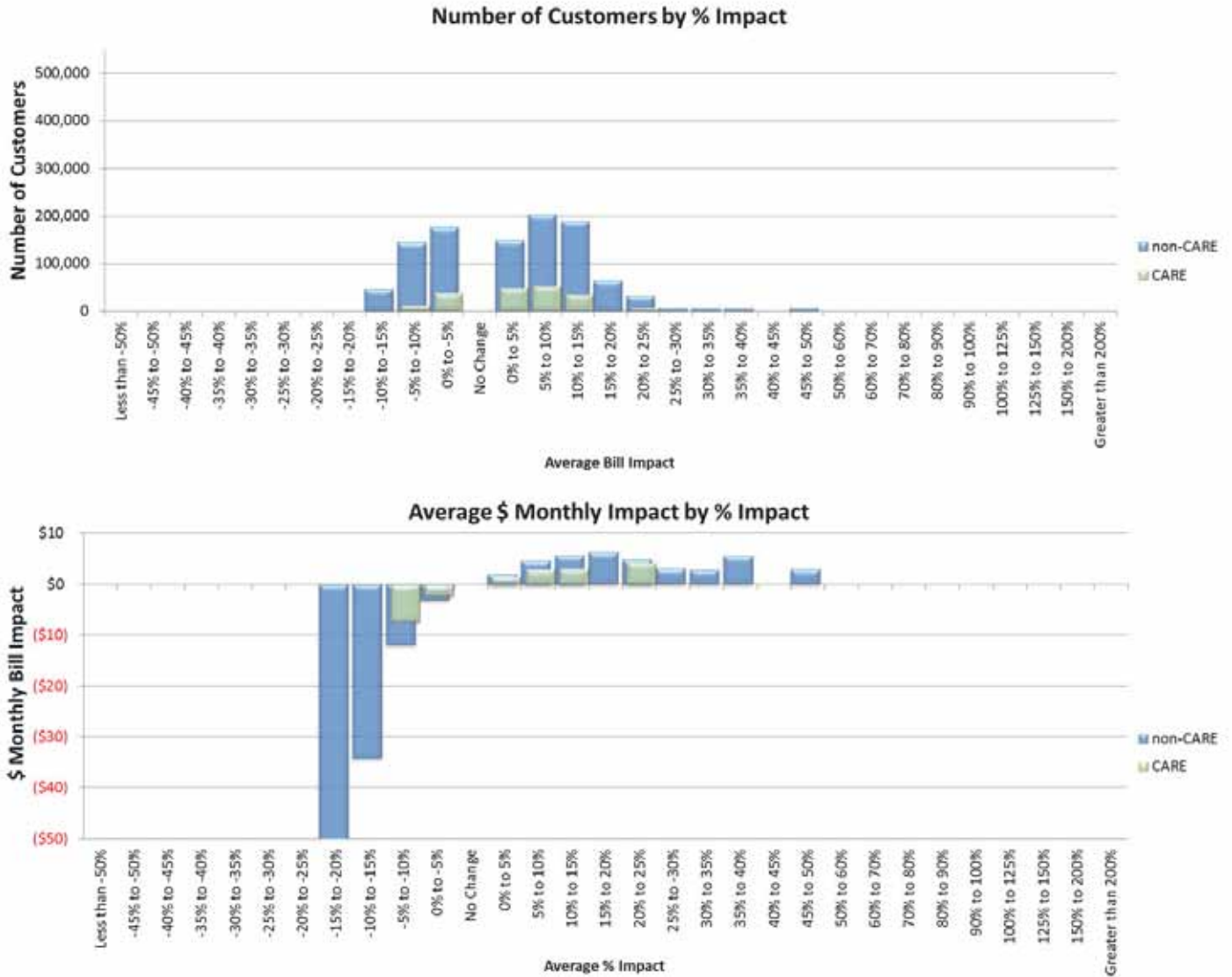


Chart III.B.4: Step 4 Bill Impacts: Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy

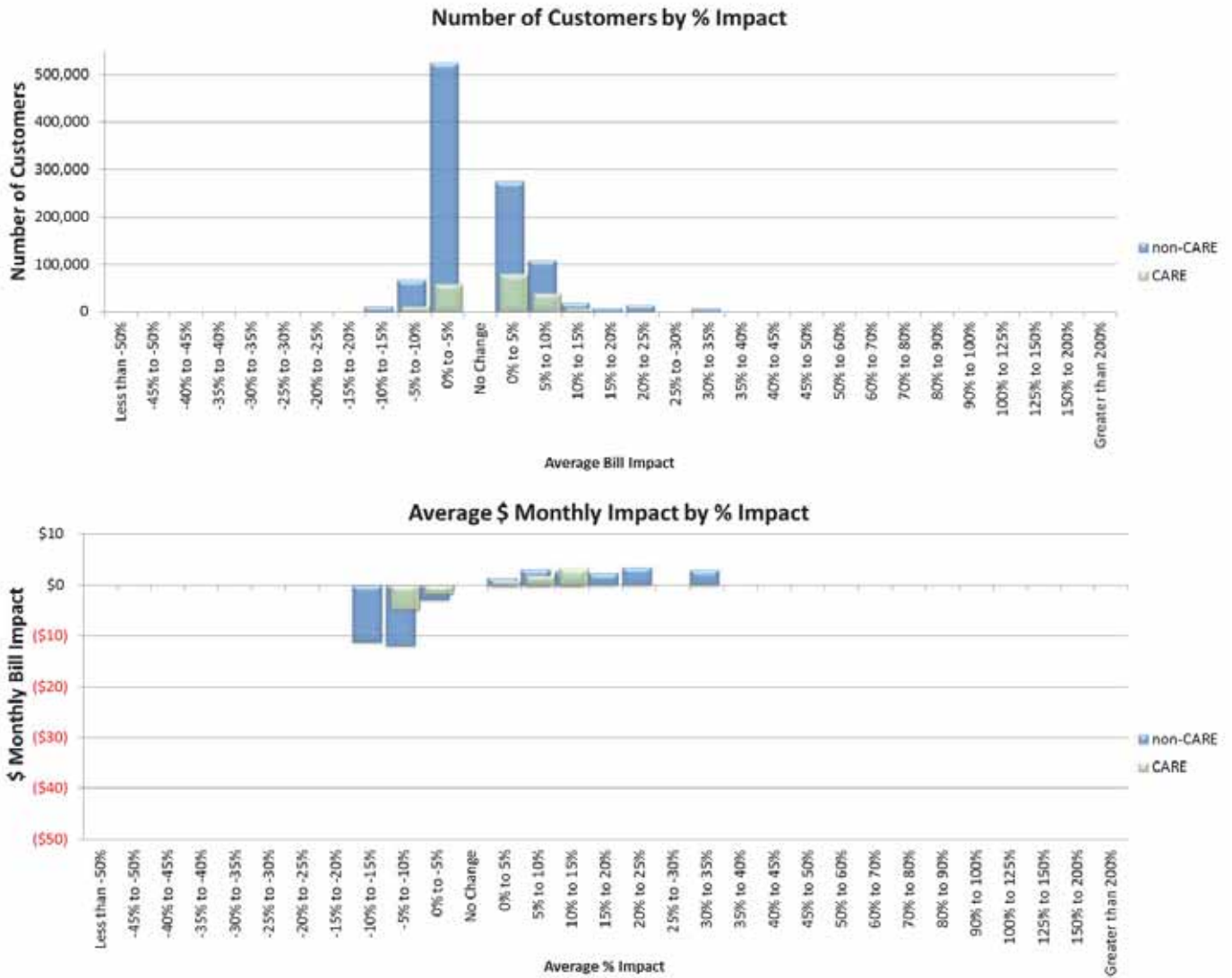
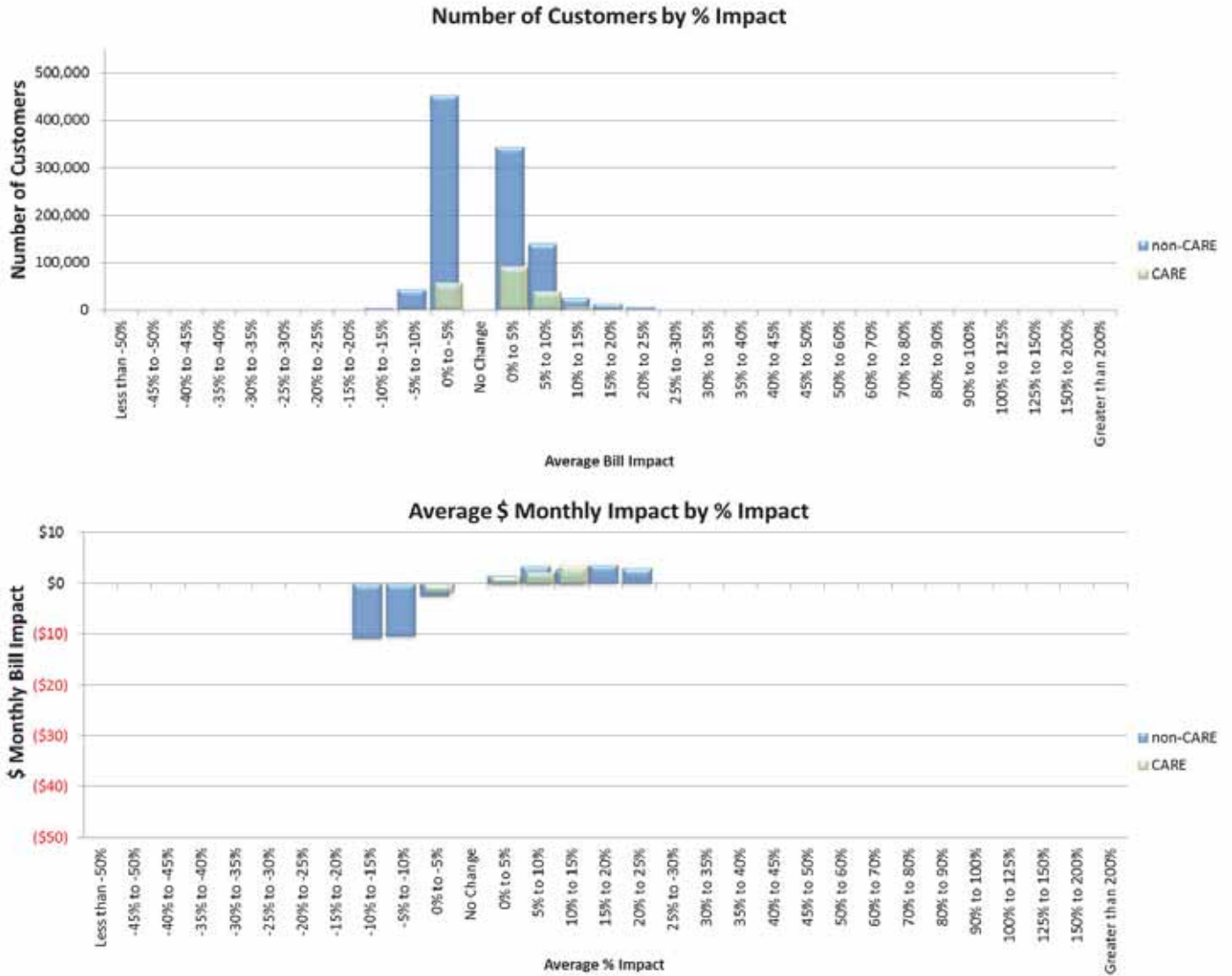


Chart III.B.5: Step 5 Bill Impacts: Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy



APPENDIX

The appendix has the data table which matches the bill impact graphs in the each of the above sections and an image of the inputs tab from the SDG&E RROIR Bill Impact Calculator which was used to create the rates and bill impact illustrations.

II.A.1: Step 1 Distribution Recovery through Basic Service Fee and Commodity Recovery through Flat Energy Rate

	Non-CARE			CARE			Combined		
% Impact Range	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	7,591	(\$129)	2,919	0	\$0	0	7,591	(\$129)	2,919
-10% to -15%	54,089	(\$43)	1,447	2,847	(\$23)	1,441	56,936	(\$42)	1,447
-5% to -10%	94,490	(\$14)	886	23,046	(\$9)	961	117,536	(\$13)	901
0% to -5%	108,314	(\$4)	716	13,828	(\$3)	705	122,141	(\$3)	714
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	113,736	\$2	612	18,302	\$1	608	132,038	\$2	612
5% to 10%	139,891	\$6	491	29,283	\$4	460	169,174	\$6	486
10% to 15%	111,251	\$7	357	24,668	\$6	409	135,920	\$6	367
15% to 20%	114,600	\$7	289	25,467	\$5	320	140,067	\$7	295
20% to 25%	127,333	\$7	230	0	\$0	0	127,333	\$7	230
25% to 30%	44,567	\$7	176	19,100	\$6	209	63,667	\$7	186
30% to 35%	31,833	\$7	158	0	\$0	0	31,833	\$7	158
35% to 40%	6,367	\$7	138	19,100	\$6	161	25,467	\$6	155
40% to 45%	12,733	\$7	106	0	\$0	0	12,733	\$7	106
45% to 50%	12,733	\$5	58	0	\$0	0	12,733	\$5	58
50% to 60%	19,100	\$7	92	19,100	\$6	108	38,200	\$7	100
60% to 70%	6,367	\$7	83	0	\$0	0	6,367	\$7	83
70% to 80%	6,367	\$5	35	0	\$0	0	6,367	\$5	35
80% to 90%	6,367	\$7	47	0	\$0	0	6,367	\$7	47
90% to 100%	6,367	\$5	20	0	\$0	0	6,367	\$5	20
100% to 125%	6,367	\$7	40	0	\$0	0	6,367	\$7	40
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	(\$0)	506	194,741	\$2	452	1,225,203	\$0	497

RESET INPUTS	Select Options and Inputs:	Step 1	SDG&E Cost-Based Reference (Pre-Revenue Neutral Adjustment)
Distribution - Two cost components: Customer costs and Distribution Demand costs			
Customer Cost: Basic Service Fee	<input type="text" value="\$7.38"/>	Action Required	\$11.65/month/customer
*Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.		← Enter \$/month	Residual Customer Cost per kWh: 1 Cents per kWh
Distribution Demand: Recover through energy rates			
*Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.			\$6.40/kW/NCD
Residual Demand Cost per kWh: 4.9 Cents per kWh			
Include SGIP, CSI, & Demand Response in: Distribution Rate			
*This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.			
Commodity - Two cost components: Capacity costs and energy costs			
Capacity: Recover through energy rates			\$7.07/kW/On-Peak Summer Demand
*Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.			Residual Capacity Cost per kWh (Summer): 3.83 Cents per kWh
Energy: Non-TOU			Time-of-Use (TOU)
*Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.			
Seasonal Rate Adjustment - Percent Difference of Seasonal EEC:		<input type="text" value="75%"/>	Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh
*Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller			
Total Rate Adjustment Component (TRAC) - Choosing the tier structure			
Number of Tiers:		<input type="text" value="3"/>	← Enter 2, 3, 4 or Flat
Maintain SDG&E Current Tier 1 and Tier 2 Rates:		<input type="text" value="Yes"/>	← Enter 'Yes' or 'No'
*Enter yes to set current Tier 1 and Tier 2 rates equal to current, enter no to maintain CARE rate differences			
Customer Charge Adjustment to Tier 1 Revenues		<input type="text" value="No"/>	← Enter 'Yes' or 'No'
*** "Rates" tab set cell: AC81 = N81*(1-23%); AC86 = N86*(1-23%) ***			
% Increase to current Tier 1 and Tier 2 Rates:		<input type="text" value="0.0%"/>	← Enter % increase
*Enter a percent increase from current Tier 1 and Tier 2 levels. If no increase is desired then enter 0%			
California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism			
Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE:		<input type="text" value="No"/>	← Enter 'Yes' or 'No'
Set pre-discount CARE Tier 3 Rate equal non-CARE:		<input type="text" value="No"/>	← Enter 'Yes' or 'No'
*Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.			
Type of CARE Discount:		Percent Discount	
*2 Options: % discount off the total bill or a \$/month discount			
Tier 1 CARE Energy Discount % :		<input type="text" value="20%"/>	← Enter %
Tier 2 CARE Energy Discount % :		<input type="text" value="20%"/>	← Enter %
Tier 3 CARE Energy Discount % :		<input type="text" value="20%"/>	← Enter %
Basic Service Fee CARE Discount % :		<input type="text" value="20%"/>	← Enter %
		<input type="text" value="20%"/>	
		<input type="text" value="20%"/>	
		<input type="text" value="20%"/>	
		<input type="text" value="20%"/>	

II.A.2: Step 2 Distribution Recovery through Basic Service Fee and Commodity Recovery through Flat Energy Rate

	Non-CARE			CARE			Combined		
% Impact Range	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	949	(\$315)	6,515	0	\$0	0	949	(\$315)	6,515
-15% to -20%	18,979	(\$71)	1,943	0	\$0	0	18,979	(\$71)	1,943
-10% to -15%	51,242	(\$36)	1,342	949	(\$19)	1,406	52,191	(\$36)	1,344
-5% to -10%	94,219	(\$13)	854	5,694	(\$14)	1,241	99,912	(\$13)	876
0% to -5%	111,165	(\$4)	720	29,418	(\$3)	875	140,584	(\$4)	752
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	91,639	\$3	604	21,962	\$2	591	113,601	\$2	602
5% to 10%	128,910	\$7	488	25,622	\$5	456	154,533	\$6	483
10% to 15%	144,993	\$8	375	34,695	\$6	410	179,688	\$7	381
15% to 20%	171,900	\$8	267	19,100	\$6	303	191,000	\$8	270
20% to 25%	89,133	\$8	199	19,100	\$6	209	108,233	\$8	201
25% to 30%	44,567	\$8	151	19,100	\$6	161	63,667	\$7	154
30% to 35%	12,733	\$8	119	0	\$0	0	12,733	\$8	119
35% to 40%	19,100	\$8	95	19,100	\$6	108	38,200	\$7	102
40% to 45%	19,100	\$8	86	0	\$0	0	19,100	\$8	86
45% to 50%	0	\$0	0	0	\$0	0	0	\$0	0
50% to 60%	6,367	\$8	47	0	\$0	0	6,367	\$8	47
60% to 70%	12,733	\$8	38	0	\$0	0	12,733	\$8	38
70% to 80%	6,367	\$8	20	0	\$0	0	6,367	\$8	20
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	6,367	\$8	1	0	\$0	0	6,367	\$8	1
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	\$0	506	194,741	\$3	452	1,225,203	\$1	497

RESET INPUTS	Select Options and Inputs:	Step 2	SDG&E Cost-Based Reference (Pre-Revenue Neutral Adjustment)
Distribution - Two cost components: Customer costs and Distribution Demand costs			
Customer Cost: Basic Service Fee		<i>Action Required</i>	\$11.65/month/customer
*Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.			
Basic Service Fee Amount:	\$19.37 ← Enter \$/month		Residual Customer Cost per kWh: -0.5 Cents per kWh
Distribution Demand: Recover through energy rates			\$6.40/kW/NCD
*Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.			
			Residual Demand Cost per kWh: 4.9 Cents per kWh
Include SGIP, CSI, & Demand Response In: Distribution Rate			
*This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.			
Commodity - Two cost components: Capacity costs and energy costs			
Capacity: Recover through energy rates			\$7.07/kW/On-Peak Summer Demand
*Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.			
			Residual Capacity Cost per kWh (Summer): 3.82 Cents per kWh
Energy: Non-TOU			Time-of-Use (TOU)
*Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.			
Seasonal Rate Adjustment - Percent Difference of Seasonal EICC: 75% ← Enter %			Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh
*Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller			
Total Rate Adjustment Component (TRAC) - Choosing the tier structure			
Number of Tiers:	2 ← Enter 2, 3, 4 or Flat		
% Differential or Cent/kWh Differential Between Tiers:	Percent ← Enter 'Percent' or 'Cent'		
*** "Rates" tab set cell: N79 = N12; N84 = N17; AC79 = AC12; AC84 = AC17; N80 = TRAC150\$8; AC80 = N80*(1-20.3%); AC85 = N85*(1-20.3%); AC86 = N86*(1-20.3%); AC87 = N87*(1-20.3%) ***			
Tier 1 to Tier 2 Differential (%):	← Enter % Difference T1 to T2		
*Not in compliance with SB695 Tier 1 and Tier 2 Levels			
California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism			
Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE:	No ← Enter 'Yes' or 'No'		
*Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.			
Type of CARE Discount:	Percent Discount		
*2 Options: % discount off the total bill or a \$/month discount			
Tier 1 CARE Energy Discount %:	20% ← Enter %		
Tier 2 CARE Energy Discount %:	20% ← Enter %		
Basic Service Fee CARE Discount %:	20% ← Enter %		

II.A.3: Step 3 Distribution Recovery through Basic Service Fee and Commodity Recovery through Flat Energy Rate

	Non-CARE			CARE			Combined		
% Impact Range	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	7,591	(\$87)	2,919	0	\$0	0	7,591	(\$87)	2,919
-10% to -15%	51,242	(\$33)	1,483	0	\$0	0	51,242	(\$33)	1,483
-5% to -10%	114,011	(\$12)	907	10,303	(\$9)	1,196	124,314	(\$12)	931
0% to -5%	156,039	(\$3)	683	33,079	(\$3)	814	189,117	(\$3)	706
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	121,590	\$3	501	29,283	\$2	511	150,872	\$2	503
5% to 10%	139,736	\$6	423	42,016	\$4	412	181,752	\$5	421
10% to 15%	128,287	\$7	297	22,760	\$5	319	151,048	\$7	301
15% to 20%	197,367	\$8	223	31,833	\$6	191	229,200	\$8	219
20% to 25%	38,200	\$8	150	12,733	\$6	136	50,933	\$8	146
25% to 30%	38,200	\$8	95	12,733	\$6	106	50,933	\$8	98
30% to 35%	12,733	\$8	71	0	\$0	0	12,733	\$8	71
35% to 40%	6,367	\$8	40	0	\$0	0	6,367	\$8	40
40% to 45%	12,733	\$8	27	0	\$0	0	12,733	\$8	27
45% to 50%	6,367	\$8	1	0	\$0	0	6,367	\$8	1
50% to 60%	0	\$0	0	0	\$0	0	0	\$0	0
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	\$0	506	194,741	\$2	452	1,225,203	\$1	497

RESET INPUTS
Select Options and Inputs:
Step 3
SDG&E Cost-Based Reference
(Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs

Customer Cost: Basic Service Fee \$11.65/month/customer

*Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.

Basic Service Fee Amount: \$23.05 ← Enter \$/month

Residual Customer Cost per kWh:
-2 Cents per kWh

Distribution Demand: Recover through energy rates \$6.40/kW/NCD

*Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on a maximum demand, and recovery through energy rates.

Residual Demand Cost per kWh:
4.9 Cents per kWh

Include SGIP, CSI, & Demand Response in: Distribution Rate

*This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.

Residual Capacity Cost per kWh (Summer):
3.82 Cents per kWh

Time-of-Use (TOU)

Commodity - Two cost components: Capacity costs and energy costs

Capacity: Recover through energy rates \$7.07/kW/On-Peak Summer Demand

*Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.

Energy: Non-TOU

*Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.

Seasonal Rate Adjustment - Percent Difference of Seasonal EICC: 75% ← Enter %

*Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller

Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

Residual Capacity Cost per kWh (Summer):
3.82 Cents per kWh

Time-of-Use (TOU)

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers: Flat ← Enter 2, 3, 4 or Flat

*** "Rates" tab set cell: AC79 = N79 *(1-15%); AC84 = N84 *(1-15%); AC85 = N85 *(1-15%); AC86 = N86 *(1-15%); AC87 = N87 *(1-15%) ***

*Not in compliance with SB695 Tier 1 and Tier 2 Levels

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE: No ← Enter 'Yes' or 'No'

*Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.

Type of CARE Discount: Percent Discount

*2 Options: % discount off the total bill or a \$/month discount

CARE Energy Discount % : 20% ← Enter %

Basic Service Fee CARE Discount %: 20% ← Enter %

II.A.4: Step 4 Distribution Recovery through Basic Service Fee and Commodity Recovery through Flat Energy Rate

	Non-CARE			CARE			Combined		
% Impact Range	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	0	\$0	0	0	\$0	0	0	\$0	0
-10% to -15%	0	\$0	0	0	\$0	0	0	\$0	0
-5% to -10%	71,034	(\$17)	1,594	1,898	(\$10)	1,523	72,932	(\$16)	1,592
0% to -5%	323,735	(\$3)	719	41,484	(\$3)	877	365,219	(\$3)	737
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	260,060	\$2	399	81,326	\$2	442	341,386	\$2	409
5% to 10%	229,200	\$4	244	19,100	\$3	260	248,300	\$4	245
10% to 15%	70,033	\$5	151	31,833	\$4	179	101,867	\$5	160
15% to 20%	44,567	\$6	94	19,100	\$5	108	63,667	\$6	98
20% to 25%	12,733	\$7	44	0	\$0	0	12,733	\$7	44
25% to 30%	12,733	\$7	27	0	\$0	0	12,733	\$7	27
30% to 35%	6,367	\$8	1	0	\$0	0	6,367	\$8	1
35% to 40%	0	\$0	0	0	\$0	0	0	\$0	0
40% to 45%	0	\$0	0	0	\$0	0	0	\$0	0
45% to 50%	0	\$0	0	0	\$0	0	0	\$0	0
50% to 60%	0	\$0	0	0	\$0	0	0	\$0	0
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	(\$0)	506	194,741	\$1	452	1,225,203	\$0	497

RESET INPUTS
Select Options and Inputs:
Step 4
SDG&E Cost-Based Reference
(Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs

Action Required

Customer Cost: Basic Service Fee \$11.65/month/customer

*Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.

Basic Service Fee Amount: \$30.74 ← Enter \$/month Residual Customer Cost per kWh:
-3.4 Cents per kWh

Distribution Demand: Recover through energy rates \$6.40/kW/NCD

*Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.

Residual Demand Cost per kWh:
4.9 Cents per kWh

Include SGIP, CSI, & Demand Response In: Distribution Rate

*This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.

Commodity - Two cost components: Capacity costs and energy costs

Capacity: Recover through energy rates \$7.07/kW/On-Peak Summer Demand

*Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.

Energy: Non-TOU Time-of-Use (TOU)

*Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.

Seasonal Rate Adjustment - Percent Difference of Seasonal EICC: 75% ← Enter % Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78
Cents/kWh

*Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller.

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers: Flat ← Enter 2, 3, 4 or Flat

*** "Rates" tab set cell: AC79 = N79 *(1-15%); AC84 = N84 *(1-15%); AC85 = N85 *(1-15%); AC86 = N86 *(1-15%); AC87 = N87 *(1-15%) ***

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE: No ← Enter 'Yes' or 'No'

No

*Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.

Type of CARE Discount: Percent Discount

*2 Options: % discount off the total bill or a \$/month discount

CARE Energy Discount % : 20% ← Enter %

20%
20%
20%
20%

Basic Service Fee CARE Discount % : 20% ← Enter %

20%
20%
20%
20%

II.A.5: Step 5 Distribution Recovery through Basic Service Fee and Commodity Recovery through Flat Energy Rate

	Non-CARE			CARE			Combined		
% Impact Range	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	0	\$0	0	0	\$0	0	0	\$0	0
-10% to -15%	0	\$0	0	0	\$0	0	0	\$0	0
-5% to -10%	31,315	(\$18)	1,989	0	\$0	0	31,315	(\$18)	1,989
0% to -5%	271,946	(\$3)	859	36,061	(\$2)	949	308,007	(\$3)	870
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	300,635	\$2	460	69,547	\$2	490	370,182	\$2	466
5% to 10%	280,133	\$4	254	38,200	\$3	312	318,333	\$4	261
10% to 15%	89,133	\$6	141	38,200	\$5	168	127,333	\$6	149
15% to 20%	38,200	\$7	72	12,733	\$5	106	50,933	\$6	81
20% to 25%	19,100	\$7	19	0	\$0	0	19,100	\$7	19
25% to 30%	0	\$0	0	0	\$0	0	0	\$0	0
30% to 35%	0	\$0	0	0	\$0	0	0	\$0	0
35% to 40%	0	\$0	0	0	\$0	0	0	\$0	0
40% to 45%	0	\$0	0	0	\$0	0	0	\$0	0
45% to 50%	0	\$0	0	0	\$0	0	0	\$0	0
50% to 60%	0	\$0	0	0	\$0	0	0	\$0	0
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	\$1	506	194,741	\$2	452	1,225,203	\$1	497

RESET INPUTS

Select Options and Inputs:

Step 5

SDG&E Cost-Based Reference (Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs

Action Required

Customer Cost: **Basic Service Fee** \$11.65/month/customer
**Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.*

Basic Service Fee Amount: \$38.42 <---- Enter \$/month
 Residual Customer Cost per kWh: -4.9 Cents per kWh

Distribution Demand: **Recover through energy rates** \$6.40/kW/NCD
**Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.*

Residual Demand Cost per kWh: 4.9 Cents per kWh

Include SGIP, CSI, & Demand Response In: **Distribution Rate**
**This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.*

Commodity - Two cost components: Capacity costs and energy costs

Capacity: **Recover through energy rates** \$7.07/kW/On-Peak Summer Demand
**Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.*

Residual Capacity Cost per kWh (Summer): 3.82 Cents per kWh

Energy: **Non-TOU** Time-of-Use (TOU)
**Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.*

Seasonal Rate Adjustment - Percent Difference of Seasonal EECC: 75% <---- Enter %
**Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller.* Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers: Flat <---- Enter 2, 3, 4 or Flat

*** "Rates" tab set cell: AC79 = N79 *(1-15%); AC84 = N84 *(1-15%); AC85 = N85 *(1-15%); AC86 = N86 *(1-15%); AC87 = N87 *(1-15%) ***

*Not in compliance with SB695 Tier 1 and Tier 2 Levels

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE: No <---- Enter 'Yes' or 'No'
**Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.*

Type of CARE Discount: **Percent Discount**

CARE Energy Discount %: 20% <---- Enter %
 20%
 20%
 20%

Basic Service Fee CARE Discount %: 20% <---- Enter %
 20%
 20%
 20%

II.B.1: Step 1 Distribution Recovery through Basic Service Fee and Commodity Recovery through TOU Energy

	Non-CARE			CARE			Combined		
% Impact Range	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	6,643	(\$135)	3,014	0	\$0	0	6,643	(\$135)	3,014
-10% to -15%	53,140	(\$43)	1,460	949	(\$27)	1,640	54,089	(\$43)	1,463
-5% to -10%	99,099	(\$14)	893	20,335	(\$11)	1,003	119,434	(\$14)	912
0% to -5%	112,923	(\$3)	707	18,437	(\$4)	762	131,360	(\$3)	715
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	106,416	\$2	615	18,302	\$2	608	124,717	\$2	614
5% to 10%	133,525	\$6	493	25,622	\$4	468	159,147	\$6	489
10% to 15%	130,351	\$6	357	24,668	\$5	401	155,020	\$6	364
15% to 20%	114,600	\$7	282	29,127	\$6	336	143,727	\$7	293
20% to 25%	127,333	\$7	224	0	\$0	0	127,333	\$7	224
25% to 30%	38,200	\$7	167	12,733	\$6	215	50,933	\$7	179
30% to 35%	25,467	\$7	156	6,367	\$6	198	31,833	\$7	164
35% to 40%	6,367	\$7	138	19,100	\$6	161	25,467	\$6	155
40% to 45%	19,100	\$7	109	0	\$0	0	19,100	\$7	109
45% to 50%	12,733	\$5	52	6,367	\$6	114	19,100	\$5	72
50% to 60%	12,733	\$7	88	12,733	\$6	106	25,467	\$7	97
60% to 70%	6,367	\$7	83	0	\$0	0	6,367	\$7	83
70% to 80%	6,367	\$5	35	0	\$0	0	6,367	\$5	35
80% to 90%	6,367	\$7	47	0	\$0	0	6,367	\$7	47
90% to 100%	6,367	\$5	20	0	\$0	0	6,367	\$5	20
100% to 125%	6,367	\$7	40	0	\$0	0	6,367	\$7	40
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	(\$0)	506	194,741	\$2	452	1,225,203	\$0	497

RESET INPUTS

Select Options and Inputs:

Step 1

SDG&E Cost-Based Reference
(Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs Action Required

Customer Cost: Basic Service Fee \$11.65/month/customer

**Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.*

Basic Service Fee Amount: \$7.38 <--- Enter \$/month Residual Customer Cost per kWh:
1 Cents per kWh

Distribution Demand: Recover through energy rates \$6.40/kW/NCD

**Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.*

Residual Demand Cost per kWh:
4.9 Cents per kWh

Include SGIP, CSI, & Demand Response In: Distribution Rate

**This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.*

Commodity - Two cost components: Capacity costs and energy costs

Capacity: Recover through energy rates \$7.07/kW/On-Peak Summer Demand

**Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.*

Residual Capacity Cost per kWh (Summer):
3.82 Cents per kWh

Energy: Time-of-Use Time-of-Use (TOU)

**Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.*

Define TOU Periods by Ratio or Cent Differential:	Cent	<--- Enter 'Ratio' or 'Cent'
Define Seasonal Off-Peak Credit or Find Annual Credit:	Define Credit	<--- Enter 'Define Credit' or 'Find Credit'
Summer On/Semi Difference: (On-Peak minus Semi-Peak)	1.49605	<--- Enter Cent Difference On-Peak/Semi-Peak
Summer Semi/Off Difference: (Semi-Peak minus Off-Peak)	1.58869	<--- Enter Cent Difference Semi-Peak/Off-Peak
Winter On/Semi Difference: (On-Peak minus Semi-Peak)	0.92838	<--- Enter Cent Difference On-Peak/Semi-Peak
Winter Semi/Off Difference: (Semi-Peak minus Off-Peak)	1.28712	<--- Enter Cent Difference Semi-Peak/Off-Peak

Example: Ratio of 2.0 On/Off and 1.5 Semi/Off could yield On Peak=20 Semi-Peak=15 and Off-Peak=10
Example: Cent Difference of 4 On/Semi and 2 Semi/Off could yield On Peak = 18 Semi-Peak 14 and Off-Peak 12

Seasonal Rate Adjustment - Percent Difference of Seasonal EECC: 75% <--- Enter % Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

**Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller.*

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers: 3 <--- Enter 2, 3, 4 or Flat

Maintain SDG&E Current Tier 1 and Tier 2 Rates: Yes <--- Enter 'Yes' or 'No'

**Enter yes to set current Tier 1 and Tier 2 rates equal to current, enter no to maintain CARE rate differences*

Customer Charge Adjustment to Tier 1 Revenues No <--- Enter 'Yes' or 'No'

*** "Rates" tab set cell: AC81 = N81*(1-23%); AC86 = N86*(1-23%) ***

% Increase to current Tier 1 and Tier 2 Rates: 0.0% <--- Enter % increase

**Enter a percent increase from current Tier 1 and Tier 2 levels. If no increase is desired then enter 0%*

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE: No <--- Enter 'Yes' or 'No'

Set pre-discount CARE Tier 3 Rate equal non-CARE: No <--- Enter 'Yes' or 'No'

**Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.*

Type of CARE Discount: Percent Discount

**2 Options: % discount off the total bill or a \$/month discount*

CARE Energy Discount % : 20% <--- Enter %

20%
20%
20%
20%

Basic Service Fee CARE Discount %: 20% <--- Enter %

20%
20%
20%
20%

II.B.2: Step 2 Distribution Recovery through Basic Service Fee and Commodity Recovery through TOU Energy

	Non-CARE			CARE			Combined		
% Impact Range	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	949	(\$319)	6,515	0	\$0	0	949	(\$319)	6,515
-15% to -20%	17,081	(\$72)	1,941	0	\$0	0	17,081	(\$72)	1,941
-10% to -15%	54,903	(\$36)	1,336	0	\$0	0	54,903	(\$36)	1,336
-5% to -10%	92,456	(\$14)	861	6,643	(\$13)	1,265	99,099	(\$14)	888
0% to -5%	112,928	(\$4)	710	29,418	(\$3)	875	142,346	(\$4)	744
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	100,858	\$3	601	21,962	\$2	591	122,820	\$2	599
5% to 10%	131,617	\$7	478	21,962	\$4	466	153,579	\$6	476
10% to 15%	131,305	\$8	373	38,356	\$6	409	169,661	\$7	381
15% to 20%	184,633	\$8	264	19,100	\$6	303	203,733	\$8	268
20% to 25%	89,133	\$8	190	12,733	\$6	215	101,867	\$8	193
25% to 30%	31,833	\$8	145	25,467	\$6	170	57,300	\$7	156
30% to 35%	12,733	\$8	119	0	\$0	0	12,733	\$8	119
35% to 40%	31,833	\$8	92	19,100	\$6	108	50,933	\$7	98
40% to 45%	6,367	\$8	83	0	\$0	0	6,367	\$8	83
45% to 50%	0	\$0	0	0	\$0	0	0	\$0	0
50% to 60%	6,367	\$8	47	0	\$0	0	6,367	\$8	47
60% to 70%	12,733	\$8	38	0	\$0	0	12,733	\$8	38
70% to 80%	6,367	\$8	20	0	\$0	0	6,367	\$8	20
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	6,367	\$8	1	0	\$0	0	6,367	\$8	1
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	(\$0)	506	194,741	\$3	452	1,225,203	\$1	497

RESET INPUTS

Select Options and Inputs:

Step 2

SDG&E Cost-Based Reference
(Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs Action Required

Customer Cost: Basic Service Fee \$11.65/month/customer

*Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill

Basic Service Fee Amount: \$15.37 <---- Enter \$/month Residual Customer Cost per kWh:
-0.5 Cents per kWh

Distribution Demand: Recover through energy rates \$6.40/kW/NCD

*Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.

Residual Demand Cost per kWh:
4.9 Cents per kWh

Include SGIP, CSI, & Demand Response in: Distribution Rate

*This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.

Commodity - Two cost components: Capacity costs and energy costs

Capacity: Recover through energy rates \$7.07/kW/On-Peak Summer Demand

*Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.

Residual Capacity Cost per kWh (Summer):
3.82 Cents per kWh

Energy: Time-of-Use Time-of-Use (TOU)

*Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.

Define TOU Periods by Ratio or Cent Differential:

Define Seasonal Off-Peak Credit or Find Annual Credit:	Cent	<---- Enter 'Ratio' or 'Cent'	
Summer On/Semi Difference: (On-Peak minus Semi-Peak)	5.6141	<---- Enter 'Define Credit' or 'Find Credit'	<small>Example: Ratio of 2.0 On/Off and 1.5 Semi/Off could yield On Peak=20 Semi-Peak=15 and Off-Peak=10</small>
Summer Semi/Off Difference: (Semi-Peak minus Off-Peak)	1.5887	<---- Enter Cent Difference On-Peak/Semi-Peak	
Winter On/Semi Difference: (On-Peak minus Semi-Peak)	0.9284	<---- Enter Cent Difference Semi-Peak/Off-Peak	<small>Example: Cent Difference of 4 On/Semi and 2 Semi/Off could yield On Peak = 18 Semi-Peak 14 and Off-Peak 12</small>
Winter Semi/Off Difference: (Semi-Peak minus Off-Peak)	1.2871	<---- Enter Cent Difference On-Peak/Semi-Peak	

Seasonal Rate Adjustment - Percent Difference of Seasonal EICC: 75% <---- Enter % Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

*Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers: 2 <---- Enter 2, 3, 4 or Flat

% Differential or Cent/kWh Differential Between Tiers: Percent <---- Enter 'Percent' or 'Cent'

*** "Rates" tab set cell: N79 = N12; N84 = N17; AC79 = AC12; AC84 = AC17; N80 = TRAC150\$8; AC80 = N80*(1-20.3%); AC85 = N85*(1-20.3%); AC86 = N86*(1-20.3%); AC87 = N87*(1-20.3%) ***

Tier 1 to Tier 2 Differential (%): <---- Enter % Difference T1 to T2

*Not in compliance with SB695 Tier 1 and Tier 2 Levels

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE: No <---- Enter 'Yes' or 'No'

*Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.

Type of CARE Discount: Percent Discount

*2 Options: % discount off the total bill or a \$/month discount

CARE Energy Discount %: 20% <---- Enter %

Basic Service Fee CARE Discount %: 20% <---- Enter %

II.B.3: Step 3 Distribution Recovery through Basic Service Fee and Commodity Recovery through TOU Energy

% Impact Range	Non-CARE			CARE			Combined		
	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	7,591	(\$86)	2,848	0	\$0	0	7,591	(\$86)	2,848
-10% to -15%	48,395	(\$33)	1,487	0	\$0	0	48,395	(\$33)	1,487
-5% to -10%	114,960	(\$13)	906	9,354	(\$9)	1,200	124,314	(\$12)	928
0% to -5%	157,936	(\$4)	697	37,688	(\$3)	798	195,624	(\$4)	717
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	138,937	\$3	493	32,943	\$2	497	171,881	\$3	494
5% to 10%	128,755	\$6	420	41,062	\$4	389	169,817	\$5	413
10% to 15%	128,287	\$7	290	16,394	\$5	314	144,681	\$7	293
15% to 20%	197,367	\$8	221	31,833	\$6	191	229,200	\$8	217
20% to 25%	38,200	\$8	143	12,733	\$6	136	50,933	\$8	141
25% to 30%	31,833	\$8	90	12,733	\$6	106	44,567	\$7	94
30% to 35%	12,733	\$8	71	0	\$0	0	12,733	\$8	71
35% to 40%	6,367	\$8	40	0	\$0	0	6,367	\$8	40
40% to 45%	12,733	\$8	27	0	\$0	0	12,733	\$8	27
45% to 50%	6,367	\$8	1	0	\$0	0	6,367	\$8	1
50% to 60%	0	\$0	0	0	\$0	0	0	\$0	0
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	\$0	506	194,741	\$2	452	1,225,203	\$1	497

RESET INPUTS

Select Options and Inputs:

Step 3

SDG&E Cost-Based Reference (Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs

Action Required

Customer Cost:

Basic Service Fee

\$11.65/month/customer

*Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill

Basic Service Fee Amount:

\$23.05

Enter \$/month

Residual Customer Cost per kWh:

-2 Cents per kWh

Distribution Demand:

Recover through energy rates

\$6.40/kW/NCD

*Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.

Residual Demand Cost per kWh:

4.9 Cents per kWh

Include SGIP, CSI, & Demand Response in:

Distribution Rate

*This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.

Commodity - Two cost components: Capacity costs and energy costs

Capacity:

Recover through energy rates

\$7.07/kW/On-Peak Summer Demand

*Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.

Residual Capacity Cost per kWh (Summer):

3.82 Cents per kWh

Energy:

Time-of-Use

Time-of-Use (TOU)

*Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.

Define TOU Periods by Ratio or Cent Differential:

Cent

Enter 'Ratio' or 'Cent'

Define Seasonal Off-Peak Credit or Find Annual Credit:

Define Credit

Enter 'Define Credit' or 'Find Credit'

Example: Ratio of 2.0 On/Off and 1.5 Semi/Off could yield On Peak=20 Semi-Peak=15 and Off-Peak=10

Summer On/Semi Difference: (On-Peak minus Semi-Peak)

9.7322

Enter Cent Difference On-Peak/Semi-Peak

Summer Semi/Off Difference: (Semi-Peak minus Off-Peak)

1.5887

Enter Cent Difference Semi-Peak/Off-Peak

Example: Cent Difference of 4 On/Semi and 2 Semi/Off could yield On Peak = 18 Semi-Peak 14 and Off-Peak 12

Winter On/Semi Difference: (On-Peak minus Semi-Peak)

0.9284

Enter Cent Difference On-Peak/Semi-Peak

Winter Semi/Off Difference: (Semi-Peak minus Off-Peak)

1.2871

Enter Cent Difference Semi-Peak/Off-Peak

Seasonal Rate Adjustment - Percent Difference of Seasonal EICC:

75%

Enter %

Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78

*Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller

Cents/kWh

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers:

Flat

Enter 2, 3, 4 or Flat

*** "Rates" tab set cell: AC79 = N79 *(1-15%); AC84 = N84 *(1-15%); AC85 = N85 *(1-15%); AC86 = N86 *(1-15%); AC87 = N87 *(1-15%) ***

*Not in compliance with SB695 Tier 1 and Tier 2 Levels

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE:

No

Enter 'Yes' or 'No'

No

*Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.

Type of CARE Discount:

Percent Discount

*2 Options: % discount off the total bill or a \$/month discount

CARE Energy Discount %:

20%

Enter %

20%

20%

20%

Basic Service Fee CARE Discount %:

20%

Enter %

20%

20%

20%

II.B.4: Step 4 Distribution Recovery through Basic Service Fee and Commodity Recovery through TOU Energy

	Non-CARE			CARE			Combined		
% Impact Range	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	0	\$0	0	0	\$0	0	0	\$0	0
-10% to -15%	0	\$0	0	0	\$0	0	0	\$0	0
-5% to -10%	80,931	(\$15)	1,435	949	(\$10)	1,640	81,880	(\$15)	1,437
0% to -5%	328,480	(\$3)	720	46,093	(\$3)	862	374,573	(\$3)	737
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	264,518	\$2	388	74,005	\$2	437	338,524	\$2	399
5% to 10%	229,200	\$4	235	22,760	\$3	287	251,960	\$4	240
10% to 15%	50,933	\$5	142	31,833	\$4	179	82,767	\$5	156
15% to 20%	44,567	\$6	94	19,100	\$5	108	63,667	\$6	98
20% to 25%	12,733	\$7	44	0	\$0	0	12,733	\$7	44
25% to 30%	12,733	\$7	27	0	\$0	0	12,733	\$7	27
30% to 35%	6,367	\$8	1	0	\$0	0	6,367	\$8	1
35% to 40%	0	\$0	0	0	\$0	0	0	\$0	0
40% to 45%	0	\$0	0	0	\$0	0	0	\$0	0
45% to 50%	0	\$0	0	0	\$0	0	0	\$0	0
50% to 60%	0	\$0	0	0	\$0	0	0	\$0	0
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	(\$0)	506	194,741	\$2	452	1,225,203	\$0	497

RESET INPUTS
Select Options and Inputs:
Step 4
SDG&E Cost-Based Reference
(Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs Action Required

**Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.*

Customer Cost: Basic Service Fee \$11.65/month/customer

Basic Service Fee Amount: \$30.74 ← Enter \$/month Residual Customer Cost per kWh:
-3.4 Cents per kWh

Distribution Demand: Recover through energy rates \$6.40/kWh/NCD

**Rate recovery options: Non-Coincident Demand Charge which is a \$/kWh charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.*

Residual Demand Cost per kWh:
4.9 Cents per kWh

Include SGIP, CSI, & Demand Response in: Distribution Rate

**This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.*

Commodity - Two cost components: Capacity costs and energy costs

**Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.*

Capacity: Recover through energy rates \$7.07/kW/On-Peak Summer Demand

Residual Capacity Cost per kWh (Summer):
3.83 Cents per kWh

**Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.*

Energy: Time-of-Use Time-of-Use (TOU)

Define TOU Periods by Ratio or Cent Differential:

Define	Cent	← Enter 'Ratio' or 'Cent'
Define Seasonal Off-Peak Credit or Find Annual Credit:	Define Credit	← Enter 'Define Credit' or 'Find Credit'
Summer On/Semi Difference: (On-Peak minus Semi-Peak)	13.8503	← Enter Cent Difference On-Peak/Semi-Peak
Summer Semi/Off Difference: (Semi-Peak minus Off-Peak)	1.5887	← Enter Cent Difference Semi-Peak/Off-Peak
Winter On/Semi Difference: (On-Peak minus Semi-Peak)	0.9284	← Enter Cent Difference On-Peak/Semi-Peak
Winter Semi/Off Difference: (Semi-Peak minus Off-Peak)	1.2871	← Enter Cent Difference Semi-Peak/Off-Peak

Example: Ratio of 2.0 On/Off and 1.5 Semi/Off could yield On Peak=20 Semi-Peak=15 and Off-Peak=10
Example: Cent Difference of 4 On/Semi and 2 Semi/Off could yield On Peak = 18 Semi-Peak 14 and Off-Peak 12

Seasonal Rate Adjustment - Percent Difference of Seasonal EEECC: 75% ← Enter % Seasonal Difference: 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

**Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller*

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers: Flat ← Enter 2, 3, 4 or Flat

*** "Rates" tab set cell: AC79 = N79 *(1-15%); AC84 = N84 *(1-15%); AC85 = N85 *(1-15%); AC86 = N86 *(1-15%); AC87 = N87 *(1-15%) ***

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE: No ← Enter 'Yes' or 'No'

**Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.*

Type of CARE Discount: Percent Discount

**2 Options: % discount off the total bill or a \$/month discount*

CARE Energy Discount %: 20% ← Enter %

Basic Service Fee CARE Discount %: 20% ← Enter %

II.B.5: Step 5 Distribution Recovery through Basic Service Fee and Commodity Recovery through TOU Energy

% Impact Range	<i>Non-CARE</i>			<i>CARE</i>			<i>Combined</i>		
	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	0	\$0	0	0	\$0	0	0	\$0	0
-10% to -15%	0	\$0	0	0	\$0	0	0	\$0	0
-5% to -10%	25,621	(\$18)	1,981	0	\$0	0	25,621	(\$18)	1,981
0% to -5%	284,960	(\$4)	872	38,772	(\$2)	925	323,732	(\$3)	879
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	299,681	\$2	457	63,175	\$2	490	362,856	\$2	463
5% to 10%	292,867	\$4	248	41,860	\$3	319	334,727	\$4	257
10% to 15%	70,033	\$6	132	38,200	\$5	168	108,233	\$5	145
15% to 20%	38,200	\$7	72	12,733	\$5	106	50,933	\$6	81
20% to 25%	19,100	\$7	19	0	\$0	0	19,100	\$7	19
25% to 30%	0	\$0	0	0	\$0	0	0	\$0	0
30% to 35%	0	\$0	0	0	\$0	0	0	\$0	0
35% to 40%	0	\$0	0	0	\$0	0	0	\$0	0
40% to 45%	0	\$0	0	0	\$0	0	0	\$0	0
45% to 50%	0	\$0	0	0	\$0	0	0	\$0	0
50% to 60%	0	\$0	0	0	\$0	0	0	\$0	0
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	\$1	506	194,741	\$2	452	1,225,203	\$1	497

RESET INPUTS

Select Options and Inputs:

Step 5

SDG&E Cost-Based Reference (Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs

Action Required

Customer Cost: **Basic Service Fee** \$11.65/month/customer

**Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.*

Basic Service Fee Amount: <---- Enter \$/month Residual Customer Cost per kWh: -4.9 Cents per kWh

Distribution Demand: **Recover through energy rates** \$6.40/kWh/NCD

**Rate recovery options: Non-Coincident Demand Charge which is a \$/kWh charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.*

Distribution Rate Residual Demand Cost per kWh: 4.9 Cents per kWh

Include SGIP, CSI, & Demand Response in:

**This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.*

Commodity - Two cost components: Capacity costs and energy costs

Capacity: **Recover through energy rates** \$7.07/kWh/On-Peak Summer Demand

**Rate recovery options: On-Peak Demand Charge which is a \$/kWh charge or recovery through energy rates.*

Energy: **Time-of-Use** Time-of-Use (TOU)

**Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.*

Define TOU Periods by Ratio or Cent Differential:	Cent	<---- Enter 'Ratio' or 'Cent'	
Define Seasonal Off-Peak Credit or Find Annual Credit:	Define Credit	<---- Enter 'Define Credit' or 'Find Credit'	Example: Ratio of 2.0 On/Off and 1.5 Semi/Off could yield On Peak=20 Semi-Peak=15 and Off-Peak=10
Summer On/Semi Difference: (On-Peak minus Semi-Peak)	17.9683	<---- Enter Cent Difference On-Peak/Semi-Peak	
Summer Semi/Off Difference: (Semi-Peak minus Off-Peak)	1.5887	<---- Enter Cent Difference Semi-Peak/Off-Peak	Example: Cent Difference of 4 On/Semi and 2 Semi/Off could yield On Peak = 18 Semi-Peak 14 and Off-Peak 12
Winter On/Semi Difference: (On-Peak minus Semi-Peak)	0.9284	<---- Enter Cent Difference On-Peak/Semi-Peak	
Winter Semi/Off Difference: (Semi-Peak minus Off-Peak)	1.2871	<---- Enter Cent Difference Semi-Peak/Off-Peak	

Seasonal Rate Adjustment - Percent Difference of Seasonal EEECC: <---- Enter % Seasonal Difference: 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

**Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller*

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers: <---- Enter 2, 3, 4 or Flat

*** "Rates" tab set cell: AC79 = N79 *(1-15%); AC84 = N84 *(1-15%); AC85 = N85 *(1-15%); AC86 = N86 *(1-15%); AC87 = N87 *(1-15%) ***

*Not in compliance with SB695 Tier 1 and Tier 2 Levels

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE: <---- Enter 'Yes' or 'No'

**Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.*

Type of CARE Discount: **Percent Discount**

**2 Options: % discount off the total bill or a \$/month discount*

CARE Energy Discount %: <---- Enter %

Basic Service Fee CARE Discount %: <---- Enter %

III.A.1: Step 1 Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through Flat Energy Rate

	Non-CARE			CARE			Combined		
% Impact Range	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	6,367	(\$2)	1	0	\$0	0	6,367	(\$2)	1
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	6,643	(\$134)	3,014	0	\$0	0	6,643	(\$134)	3,014
-10% to -15%	53,954	(\$42)	1,433	0	\$0	0	53,954	(\$42)	1,433
-5% to -10%	96,382	(\$14)	866	22,233	(\$9)	937	118,615	(\$13)	879
0% to -5%	133,936	(\$4)	672	17,488	(\$3)	868	151,424	(\$4)	695
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	153,844	\$2	524	24,668	\$1	432	178,513	\$2	511
5% to 10%	214,373	\$4	375	42,016	\$4	469	256,389	\$4	390
10% to 15%	134,810	\$6	319	40,108	\$4	329	174,918	\$6	322
15% to 20%	121,921	\$6	249	22,760	\$4	217	144,681	\$6	244
20% to 25%	63,667	\$6	180	19,100	\$3	143	82,767	\$5	171
25% to 30%	25,467	\$6	141	0	\$0	0	25,467	\$6	141
30% to 35%	6,367	\$4	83	0	\$0	0	6,367	\$4	83
35% to 40%	0	\$0	0	0	\$0	0	0	\$0	0
40% to 45%	12,733	\$3	38	6,367	\$5	114	19,100	\$3	63
45% to 50%	0	\$0	0	0	\$0	0	0	\$0	0
50% to 60%	0	\$0	0	0	\$0	0	0	\$0	0
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	(\$2)	506	194,741	\$1	452	1,225,203	(\$1)	497

RESET INPUTS

Select Options and Inputs:

Step 1

SDG&E Cost-Based Reference (Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs

Action Required

Customer Cost: **Basic Service Fee** \$11.65/month/customer

*Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.

Basic Service Fee Amount: <---- Enter \$/month Residual Customer Cost per kWh: 2.4 Cents per kWh

Distribution Demand: **Fixed Charge Demand Adder** \$6.40/kW/NCD

*Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.

Fixed Charge Demand Adder:

0 to <3 kW Adder	\$3.00	<---- Enter \$/month
3 to <7 kW Adder	\$6.00	<---- Enter \$/month
7 to <13 kW Adder	\$13.00	<---- Enter \$/month
13 and above kW Adder	\$13.00	<---- Enter \$/month

Residual Demand Cost per kWh: 3.5 Cents per kWh

Include SGIP, CSI, & Demand Response in: **Distribution Rate**

*This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.

Commodity - Two cost components: Capacity costs and energy costs

Capacity: **Recover through energy rates** \$7.07/kW/On-Peak Summer Demand

*Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.

Residual Capacity Cost per kWh (Summer): 3.80 Cents per kWh

Energy: **Non-TOU** Time-of-Use (TOU)

*Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.

Seasonal Rate Adjustment - Percent Difference of Seasonal EEC: <---- Enter % Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

*Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller.

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers: <---- Enter 2, 3, 4 or Flat

Maintain SDG&E Current Tier 1 and Tier 2 Rates: <---- Enter 'Yes' or 'No'

*Enter yes to set current Tier 1 and Tier 2 rates equal to current, enter no to maintain CARE rate differences

*** "Rates" tab set cell: AC81 = N81*(1-23%); AC86 = N86*(1-23%) ***

% Increase to current Tier 1 and Tier 2 Rates: <---- Enter % increase

*Enter a percent increase from current Tier 1 and Tier 2 levels. If no increase is desired then enter 0%

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE: <---- Enter 'Yes' or 'No'

Set pre-discount CARE Tier 3 Rate equal non-CARE: <---- Enter 'Yes' or 'No'

*Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.

Type of CARE Discount: **Percent Discount**

*2 Options: % discount off the total bill or a \$/month discount

Tier 1 CARE Energy Discount % : <---- Enter %

Tier 2 CARE Energy Discount % : <---- Enter %

Tier 3 CARE Energy Discount % : <---- Enter %

Fixed Charge Demand Adder CARE Discount % : <---- Enter %

III.A.2: Step 2 Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through Flat Energy Rate

	Non-CARE			CARE			Combined		
% Impact Range	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	8,540	(\$106)	2,780	0	\$0	0	8,540	(\$106)	2,780
-10% to -15%	56,800	(\$37)	1,403	949	(\$22)	1,640	57,749	(\$37)	1,407
-5% to -10%	94,490	(\$13)	868	20,335	(\$8)	902	114,825	(\$12)	874
0% to -5%	126,615	(\$4)	684	18,437	(\$3)	874	145,052	(\$4)	708
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	131,893	\$2	553	21,962	\$1	496	153,855	\$2	545
5% to 10%	230,767	\$5	371	48,383	\$3	434	279,150	\$4	382
10% to 15%	212,164	\$6	299	46,475	\$4	309	258,638	\$6	301
15% to 20%	99,160	\$6	213	31,833	\$3	157	130,994	\$5	199
20% to 25%	31,833	\$6	139	0	\$0	0	31,833	\$6	139
25% to 30%	6,367	\$5	88	6,367	\$5	114	12,733	\$5	101
30% to 35%	12,733	\$3	44	0	\$0	0	12,733	\$3	44
35% to 40%	0	\$0	0	0	\$0	0	0	\$0	0
40% to 45%	0	\$0	0	0	\$0	0	0	\$0	0
45% to 50%	0	\$0	0	0	\$0	0	0	\$0	0
50% to 60%	12,733	\$4	27	0	\$0	0	12,733	\$4	27
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	6,367	\$3	1	0	\$0	0	6,367	\$3	1
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	(\$1)	506	194,741	\$1	452	1,225,203	(\$1)	497

RESET INPUTS
Select Options and Inputs:
Step 2
SDG&E Cost-Based Reference
(Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs Action Required

Customer Cost: Basic Service Fee \$11.65/month/customer

*Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill

Basic Service Fee Amount: \$0.00 <---- Enter \$/month

Residual Customer Cost per kWh:
2.4 Cents per kWh

Distribution Demand: Fixed Charge Demand Adder \$6.40/kW/NCD

*Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.

Fixed Charge Demand Adder:

0 to <3 kW Adder	\$6.00		<---- Enter \$/month	
3 to <7 kW Adder	\$12.00		<---- Enter \$/month	
7 to <13 kW Adder	\$26.07		<---- Enter \$/month	
13 and above kW Adder	\$26.07		<---- Enter \$/month	

Residual Demand Cost per kWh:
2 Cents per kWh

Include SGIP, CSI, & Demand Response in: Distribution Rate

*This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.

Commodity - Two cost components: Capacity costs and energy costs

Capacity: Recover through energy rates \$7.07/kW/On-Peak Summer Demand

*Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.

Residual Capacity Cost per kWh (Summer):
3.82 Cents per kWh

Energy: Non-TOU Time-of-Use (TOU)

*Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.

Seasonal Rate Adjustment - Percent Difference of Seasonal EEC: 75% <---- Enter % Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

*Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers: 2 <---- Enter 2, 3, 4 or Flat

% Differential or Cent/kWh Differential Between Tiers: Percent <---- Enter 'Percent' or 'Cent'

*** "Rates" tab set cell: N79 = N12; N84 = N17; AC79 = AC12; AC84 = AC17; N80 = TRAC150\$8; AC80 = N80*(1-20.3%); AC85 = N85*(1-20.3%); AC86 = N86*(1-20.3%); AC87 = N87*(1-20.3%) ***

Tier 1 to Tier 2 Differential (%): <---- Enter % Difference T1 to T2

*Not in compliance with SB695 Tier 1 and Tier 2 Levels

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE: No <---- Enter 'Yes' or 'No'

*Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.

Type of CARE Discount: Percent Discount

*2 Options: % discount off the total bill or a \$/month discount

Tier 1 CARE Energy Discount % : 20% <---- Enter %

Tier 2 CARE Energy Discount % : 20% <---- Enter %

	20%		<---- Enter %	
	20%		<---- Enter %	
	20%		<---- Enter %	
	20%		<---- Enter %	
	20%		<---- Enter %	
	20%		<---- Enter %	

Fixed Charge Demand Adder CARE Discount % : 20% <---- Enter %

	20%		<---- Enter %	
	20%		<---- Enter %	
	20%		<---- Enter %	
	20%		<---- Enter %	

III.A.3: Step 3 Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through Flat Energy Rate

% Impact Range	<i>Non-CARE</i>			<i>CARE</i>			<i>Combined</i>		
	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	949	(\$214)	6,515	0	\$0	0	949	(\$214)	6,515
-10% to -15%	47,311	(\$36)	1,591	0	\$0	0	47,311	(\$36)	1,591
-5% to -10%	126,212	(\$12)	887	11,116	(\$7)	1,047	137,328	(\$12)	900
0% to -5%	182,600	(\$4)	677	35,925	(\$2)	784	218,525	(\$3)	694
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	154,518	\$2	451	52,043	\$1	455	206,561	\$2	452
5% to 10%	211,365	\$5	337	57,456	\$3	326	268,821	\$4	334
10% to 15%	161,075	\$6	266	31,833	\$3	157	192,908	\$6	248
15% to 20%	89,133	\$6	187	0	\$0	0	89,133	\$6	187
20% to 25%	25,467	\$5	101	6,367	\$5	114	31,833	\$5	103
25% to 30%	12,733	\$4	68	0	\$0	0	12,733	\$4	68
30% to 35%	6,367	\$3	20	0	\$0	0	6,367	\$3	20
35% to 40%	6,367	\$6	35	0	\$0	0	6,367	\$6	35
40% to 45%	0	\$0	0	0	\$0	0	0	\$0	0
45% to 50%	6,367	\$3	1	0	\$0	0	6,367	\$3	1
50% to 60%	0	\$0	0	0	\$0	0	0	\$0	0
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	(\$1)	506	194,741	\$1	452	1,225,203	(\$1)	497

RESET INPUTS

Select Options and Inputs:

Step 3

SDG&E Cost-Based Reference (Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs

Action Required

Customer Cost: **Basic Service Fee** \$11.65/month/customer

**Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.*

Basic Service Fee Amount: <--- Enter \$/month Residual Customer Cost per kWh: 2.4 Cents per kWh

Distribution Demand: **Fixed Charge Demand Adder** \$6.40/kW/NCD

**Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.*

Fixed Charge Demand Adder:

0 to <3 kW Adder	\$9.00	<--- Enter \$/month
3 to <7 kW Adder	\$18.00	<--- Enter \$/month
7 to <13 kW Adder	\$39.10	<--- Enter \$/month
13 and above kW Adder	\$39.10	<--- Enter \$/month

Residual Demand Cost per kWh: 0.5 Cents per kWh

Include SGIP, CSI, & Demand Response in: **Distribution Rate**

**This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.*

Commodity - Two cost components: Capacity costs and energy costs

Capacity: **Recover through energy rates** \$7.07/kW/On-Peak Summer Demand

**Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.*

Residual Capacity Cost per kWh (Summer): 3.62 Cents per kWh

Energy: **Non-TOU** Time-of-Use (TOU)

**Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.*

Seasonal Rate Adjustment - Percent Difference of Seasonal EECC: <--- Enter % Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

**Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller*

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers: <--- Enter 2, 3, 4 or Flat

*** "Rates" tab set cell: AC79 = N79 *(1-15%); AC84 = N84 *(1-15%); AC85 = N85 *(1-15%); AC86 = N86 *(1-15%); AC87 = N87 *(1-15%) ***

**Not in compliance with SB695 Tier 1 and Tier 2 Levels*

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE: <--- Enter 'Yes' or 'No'

**Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.*

Type of CARE Discount: **Percent Discount**

**2 Options: % discount off the total bill or a \$/month discount*

CARE Energy Discount %: <--- Enter %

Fixed Charge Demand Adder CARE Discount %: <--- Enter %

III.A.4: Step 4 Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through Flat Energy Rate

	Non-CARE			CARE			Combined		
% Impact Range	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	0	\$0	0	0	\$0	0	0	\$0	0
-10% to -15%	0	\$0	0	0	\$0	0	0	\$0	0
-5% to -10%	79,984	(\$12)	1,169	949	(\$10)	1,640	80,932	(\$12)	1,175
0% to -5%	510,712	(\$3)	612	69,807	(\$2)	669	580,519	(\$3)	619
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	279,646	\$2	322	82,124	\$1	391	361,771	\$1	338
5% to 10%	115,554	\$3	201	35,494	\$2	193	151,048	\$3	199
10% to 15%	19,100	\$3	73	6,367	\$4	114	25,467	\$3	83
15% to 20%	6,367	\$2	40	0	\$0	0	6,367	\$2	40
20% to 25%	12,733	\$4	27	0	\$0	0	12,733	\$4	27
25% to 30%	0	\$0	0	0	\$0	0	0	\$0	0
30% to 35%	6,367	\$3	1	0	\$0	0	6,367	\$3	1
35% to 40%	0	\$0	0	0	\$0	0	0	\$0	0
40% to 45%	0	\$0	0	0	\$0	0	0	\$0	0
45% to 50%	0	\$0	0	0	\$0	0	0	\$0	0
50% to 60%	0	\$0	0	0	\$0	0	0	\$0	0
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	(\$1)	506	194,741	\$0	452	1,225,203	(\$1)	497

RESET INPUTS

Select Options and Inputs:

Step 4

SDG&E Cost-Based Reference (Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs

Action Required

Customer Cost: **Basic Service Fee** \$11.63/month/customer

*Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.

Basic Service Fee Amount: ← Enter \$/month Residual Customer Cost per kWh: 2.4 Cents per kWh

Distribution Demand: **Fixed Charge Demand Adder** \$6.40/kW/NCD

*Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.

Fixed Charge Demand Adder:

0 to <3 kW Adder	\$12.00	← Enter \$/month
3 to <7 kW Adder	\$24.00	← Enter \$/month
7 to <13 kW Adder	\$52.14	← Enter \$/month
13 and above kW Adder	\$52.14	← Enter \$/month

Residual Demand Cost per kWh: 0.9 Cents per kWh

Include SGIP, CSI, & Demand Response in: **Distribution Rate**

*This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.

Commodity - Two cost components: Capacity costs and energy costs

Capacity: **Recover through energy rates** \$7.07/kW/On-Peak Summer Demand

*Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.

Residual Capacity Cost per kWh (Summer): 3.82 Cents per kWh

Energy: **Non-TOU** Time-of-Use (TOU)

*Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.

Seasonal Rate Adjustment - Percent Difference of Seasonal EEC: ← Enter % Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

*Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers: ← Enter 2, 3, 4 or Flat

*** "Rates" tab set cell: AC79 = N79 *(1-15%); AC84 = N84 *(1-15%); AC85 = N85 *(1-15%); AC86 = N86 *(1-15%); AC87 = N87 *(1-15%) ***

*Not in compliance with SB695 Tier 1 and Tier 2 Levels

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE: ← Enter 'Yes' or 'No'

*Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.

Type of CARE Discount: **Percent Discount**

*2 Options: % discount off the total bill or a \$/month discount

CARE Energy Discount %: ← Enter %

20%
20%
20%
20%
20%

Fixed Charge Demand Adder CARE Discount %: ← Enter %

20%
20%
20%

III.A.5: Step 5 Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through Flat Energy Rate

% Impact Range	Non-CARE			CARE			Combined		
	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	0	\$0	0	0	\$0	0	0	\$0	0
-10% to -15%	0	\$0	0	0	\$0	0	0	\$0	0
-5% to -10%	27,926	(\$12)	1,372	0	\$0	0	27,926	(\$12)	1,372
0% to -5%	434,979	(\$3)	713	56,115	(\$2)	675	491,093	(\$3)	709
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	375,604	\$2	373	93,105	\$1	439	468,709	\$1	386
5% to 10%	147,387	\$4	209	39,154	\$2	217	186,541	\$3	211
10% to 15%	25,467	\$3	65	6,367	\$4	114	31,833	\$3	74
15% to 20%	12,733	\$4	27	0	\$0	0	12,733	\$4	27
20% to 25%	6,367	\$3	1	0	\$0	0	6,367	\$3	1
25% to 30%	0	\$0	0	0	\$0	0	0	\$0	0
30% to 35%	0	\$0	0	0	\$0	0	0	\$0	0
35% to 40%	0	\$0	0	0	\$0	0	0	\$0	0
40% to 45%	0	\$0	0	0	\$0	0	0	\$0	0
45% to 50%	0	\$0	0	0	\$0	0	0	\$0	0
50% to 60%	0	\$0	0	0	\$0	0	0	\$0	0
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	(\$0)	506	194,741	\$1	452	1,225,203	(\$0)	497

RESET INPUTS

Select Options and Inputs:

Step 5

SDG&E Cost-Based Reference (Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs

Action Required

Customer Cost: **Basic Service Fee** \$11.65/month/customer

*Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.

Basic Service Fee Amount: <---- Enter \$/month Residual Customer Cost per kWh: 2.4 Cents per kWh

Distribution Demand: **Fixed Charge Demand Adder** \$6.40/kW/NCD

*Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.

Fixed Charge Demand Adder:

0 to <3 kW Adder	\$15.00	<---- Enter \$/month
3 to <7 kW Adder	\$30.00	<---- Enter \$/month
7 to <13 kW Adder	\$65.17	<---- Enter \$/month
13 and above kW Adder	\$65.17	<---- Enter \$/month

Residual Demand Cost per kWh: -2.4 Cents per kWh

Include SGIP, CSI, & Demand Response In: **Distribution Rate**

*This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.

Commodity - Two cost components: Capacity costs and energy costs

Capacity: **Recover through energy rates** \$7.07/kW/On-Peak Summer Demand

*Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.

Residual Capacity Cost per kWh (Summer): 3.82 Cents per kWh

Energy: **Non-TOU** Time-of-Use (TOU)

*Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.

Seasonal Rate Adjustment - Percent Difference of Seasonal EEC: <---- Enter % Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

*Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers: <---- Enter 2, 3, 4 or Flat

*** "Rates" tab set cell: AC79 = N79 *(1-15%); AC84 = N84 *(1-15%); AC85 = N85 *(1-15%); AC86 = N86 *(1-15%); AC87 = N87 *(1-15%) ***

*Not in compliance with SB695 Tier 1 and Tier 2 Levels

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE: <---- Enter 'Yes' or 'No'

*Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.

Type of CARE Discount: **Percent Discount**

*2 Options: % discount off the total bill or a \$/month discount

CARE Energy Discount %: <---- Enter %

Fixed Charge Demand Adder CARE Discount %: <---- Enter %

III.B.1: Step 1 Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy

% Impact Range	Non-CARE			CARE			Combined		
	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	6,367	(\$2)	1	0	\$0	0	6,367	(\$2)	1
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	6,643	(\$135)	3,014	0	\$0	0	6,643	(\$135)	3,014
-10% to -15%	54,767	(\$41)	1,385	0	\$0	0	54,767	(\$41)	1,385
-5% to -10%	106,550	(\$14)	866	21,284	(\$9)	935	127,834	(\$13)	877
0% to -5%	130,276	(\$4)	655	22,097	(\$2)	821	152,373	(\$3)	679
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	138,254	\$2	527	21,008	\$1	410	159,262	\$2	512
5% to 10%	222,643	\$4	382	42,016	\$4	469	264,659	\$4	396
10% to 15%	163,937	\$6	314	40,108	\$4	329	204,045	\$6	317
15% to 20%	105,527	\$6	238	16,394	\$4	239	121,921	\$6	238
20% to 25%	57,300	\$5	170	25,467	\$3	147	82,767	\$5	163
25% to 30%	19,100	\$6	133	0	\$0	0	19,100	\$6	133
30% to 35%	6,367	\$4	83	0	\$0	0	6,367	\$4	83
35% to 40%	0	\$0	0	6,367	\$4	114	6,367	\$4	114
40% to 45%	12,733	\$3	38	0	\$0	0	12,733	\$3	38
45% to 50%	0	\$0	0	0	\$0	0	0	\$0	0
50% to 60%	0	\$0	0	0	\$0	0	0	\$0	0
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	(\$2)	506	194,741	\$1	452	1,225,203	(\$1)	497

RESET INPUTS

Select Options and Inputs:

Step 1

**SDG&E Cost-Based Reference
(Pre-Revenue Neutral Adjustment)**

Distribution - Two cost components: Customer costs and Distribution Demand costs Action Required

**Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.*

Customer Cost:	Basic Service Fee	\$11.65/month/customer
Basic Service Fee Amount:	\$0.00 ← Enter \$/month	Residual Customer Cost per kWh: 2.4 Cents per kWh

**Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.*

Distribution Demand:	Fixed Charge Demand Adder	\$6.40/kW/NCD
Fixed Charge Demand Adder:		
0 to <3 kW Adder	\$3.00 ← Enter \$/month	
3 to <7 kW Adder	\$6.00 ← Enter \$/month	
7 to <13 kW Adder	\$13.03 ← Enter \$/month	
13 and above kW Adder	\$13.03 ← Enter \$/month	
		Residual Demand Cost per kWh: 3.5 Cents per kWh

Include SGIP, CSI, & Demand Response In: **Distribution Rate**

**This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.*

Commodity - Two cost components: Capacity costs and energy costs

**Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.*

Capacity:	Recover through energy rates	\$7.07/kW/On-Peak Summer Demand
		Residual Capacity Cost per kWh (Summer): 3.82 Cents per kWh

**Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.*

Energy:	Time-of-Use	Time-of-Use (TOU)
Define TOU Periods by Ratio or Cent Differential:	Cent ← Enter 'Ratio' or 'Cent'	
Define Seasonal Off-Peak Credit or Find Annual Credit:	Define Credit ← Enter 'Define Credit' or 'Find Credit'	<i>Example: Ratio of 2.0 On/Off and 1.5 Semi/Off could yield On Peak=20 Semi-Peak=15 and Off-Peak=10</i>
Summer On/Semi Difference: (On-Peak minus Semi-Peak)	1.49605 ← Enter Cent Difference On-Peak/Semi-Peak	
Summer Semi/Off Difference: (Semi-Peak minus Off-Peak)	1.58869 ← Enter Cent Difference Semi-Peak/Off-Peak	<i>Example: Cent Difference of 4 On/Semi and 2 Semi/Off could yield On Peak = 18 Semi-Peak 14 and Off-Peak 12</i>
Winter On/Semi Difference: (On-Peak minus Semi-Peak)	0.92838 ← Enter Cent Difference On-Peak/Semi-Peak	
Winter Semi/Off Difference: (Semi-Peak minus Off-Peak)	1.28712 ← Enter Cent Difference Semi-Peak/Off-Peak	

Seasonal Rate Adjustment - Percent Difference of Seasonal EECC: 75% ← Enter % Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

**Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller.*

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers:	3 ← Enter 2, 3, 4 or Flat	
Maintain SDG&E Current Tier 1 and Tier 2 Rates:	Yes ← Enter 'Yes' or 'No'	
	No	
		*** "Rates" tab set cell: AC81 = N81*(1-23%); AC86 = N86*(1-23%) ***
% Increase to current Tier 1 and Tier 2 Rates:	0.0% ← Enter % increase	

**Enter yes to set current Tier 1 and Tier 2 rates equal to current, enter no to maintain CARE rate differences.*

**Enter a percent increase from current Tier 1 and Tier 2 levels. If no increase is desired then enter 0%*

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE:	No ← Enter 'Yes' or 'No'	
Set pre-discount CARE Tier 3 Rate equal non-CARE:	No ← Enter 'Yes' or 'No'	
Type of CARE Discount:	Percent Discount	
CARE Energy Discount %:	20% ← Enter %	
	20%	
	20%	
	20%	
	20%	
Fixed Charge Demand Adder CARE Discount %:	20% ← Enter %	
	20%	
	20%	

**Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.*

**2 Options: % discount off the total bill or a \$/month discount*

III.B.2: Step 2 Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy

% Impact Range	Non-CARE			CARE			Combined		
	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	9,489	(\$99)	2,597	0	\$0	0	9,489	(\$99)	2,597
-10% to -15%	55,716	(\$36)	1,367	0	\$0	0	55,716	(\$36)	1,367
-5% to -10%	103,708	(\$13)	872	21,284	(\$9)	935	124,992	(\$12)	883
0% to -5%	127,564	(\$4)	673	22,097	(\$2)	821	149,662	(\$3)	695
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	131,887	\$2	538	18,302	\$2	483	150,189	\$2	531
5% to 10%	237,133	\$4	368	58,410	\$4	419	295,543	\$4	378
10% to 15%	205,797	\$6	296	32,787	\$4	281	238,584	\$6	294
15% to 20%	95,500	\$6	212	35,494	\$4	188	130,994	\$5	205
20% to 25%	25,467	\$5	133	0	\$0	0	25,467	\$5	133
25% to 30%	6,367	\$5	88	6,367	\$5	114	12,733	\$5	101
30% to 35%	12,733	\$3	44	0	\$0	0	12,733	\$3	44
35% to 40%	0	\$0	0	0	\$0	0	0	\$0	0
40% to 45%	0	\$0	0	0	\$0	0	0	\$0	0
45% to 50%	0	\$0	0	0	\$0	0	0	\$0	0
50% to 60%	12,733	\$4	27	0	\$0	0	12,733	\$4	27
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	6,367	\$3	1	0	\$0	0	6,367	\$3	1
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	(\$1)	506	194,741	\$2	452	1,225,203	(\$1)	497

RESET INPUTS
Select Options and Inputs: **Step 2**
SDG&E Cost-Based Reference
(Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs Action Required

**Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.*

Customer Cost: **Basic Service Fee** \$11.65/month/customer

Basic Service Fee Amount: ← Enter \$/month Residual Customer Cost per kWh:
2.4 Cents per kWh

Distribution Demand: **Fixed Charge Demand Adder** \$6.40/kW/NCD

**Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.*

Fixed Charge Demand Adder:

0 to <3 kW Adder	\$6.00	← Enter \$/month
3 to <7 kW Adder	\$12.00	← Enter \$/month
7 to <13 kW Adder	\$26.07	← Enter \$/month
13 and above kW Adder	\$26.07	← Enter \$/month

Residual Demand Cost per kWh:
2 Cents per kWh

Include SGIP, CSI, & Demand Response In: **Distribution Rate**

**This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.*

Commodity - Two cost components: Capacity costs and energy costs

**Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.*

Capacity: **Recover through energy rates** \$7.07/kW/On-Peak Summer Demand

Residual Capacity Cost per kWh (Summer):
3.82 Cents per kWh

Energy: **Time-of-Use** Time-of-Use (TOU)

**Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.*

Define TOU Periods by Ratio or Cent Differential:

Define Seasonal Off-Peak Credit or Find Annual Credit:	Cent	← Enter 'Ratio' or 'Cent'
Summer On/Semi Difference: (On-Peak minus Semi-Peak)	Define Credit	← Enter 'Define Credit' or 'Find Credit'
Summer Semi/Off Difference: (Semi-Peak minus Off-Peak)	5.61413	← Enter Cent Difference On-Peak/Semi-Peak
Winter On/Semi Difference: (On-Peak minus Semi-Peak)	1.58869	← Enter Cent Difference Semi-Peak/Off-Peak
Winter Semi/Off Difference: (Semi-Peak minus Off-Peak)	0.92838	← Enter Cent Difference On-Peak/Semi-Peak
	1.28712	← Enter Cent Difference Semi-Peak/Off-Peak

Example: Ratio of 2.0 On/Off and 1.5 Semi/Off could yield On Peak=20 Semi-Peak=15 and Off-Peak=10

Example: Cent Difference of 4 On/Semi and 2 Semi/Off could yield On Peak = 18 Semi-Peak 14 and Off-Peak 12

Seasonal Rate Adjustment - Percent Difference of Seasonal EICC: ← Enter % Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

**Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller*

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers: ← Enter 2, 3, 4 or Flat

% Differential or Cent/kWh Differential Between Tiers: ← Enter 'Percent' or 'Cent'

*** "Rates" tab set cell: N79 = N12; N84 = N17; AC79 = AC12; AC84 = AC17; N80 = TRAC/ISO\$8; AC80 = N80*(1-20.3%); AC85 = N85*(1-20.3%); AC86 = N86*(1-20.3%); AC87 = N87*(1-20.3%) ***

Tier 1 to Tier 2 Differential (%): ← Enter % Difference T1 to T2

**Not in compliance with SB695 Tier 1 and Tier 2 Levels*

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE: ← Enter 'Yes' or 'No'

**Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.*

Type of CARE Discount: **Percent Discount**

**2 Options: % discount off the total bill or a \$/month discount*

CARE Energy Discount % : ← Enter %

Fixed Charge Demand Adder CARE Discount %: ← Enter %

III.B.3: Step 3 Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy

	Non-CARE			CARE			Combined		
% Impact Range	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	1,898	(\$141)	4,413	0	\$0	0	1,898	(\$141)	4,413
-10% to -15%	46,227	(\$34)	1,521	0	\$0	0	46,227	(\$34)	1,521
-5% to -10%	144,513	(\$12)	880	11,116	(\$7)	1,047	155,630	(\$12)	892
0% to -5%	176,363	(\$3)	673	38,637	(\$2)	758	215,000	(\$3)	688
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	148,954	\$2	433	49,332	\$2	458	198,286	\$2	439
5% to 10%	202,292	\$5	347	53,795	\$3	318	256,088	\$4	341
10% to 15%	189,248	\$6	246	35,494	\$3	188	224,741	\$5	236
15% to 20%	63,667	\$6	183	0	\$0	0	63,667	\$6	183
20% to 25%	31,833	\$5	100	6,367	\$4	114	38,200	\$5	102
25% to 30%	6,367	\$3	40	0	\$0	0	6,367	\$3	40
30% to 35%	6,367	\$3	20	0	\$0	0	6,367	\$3	20
35% to 40%	6,367	\$6	35	0	\$0	0	6,367	\$6	35
40% to 45%	0	\$0	0	0	\$0	0	0	\$0	0
45% to 50%	6,367	\$3	1	0	\$0	0	6,367	\$3	1
50% to 60%	0	\$0	0	0	\$0	0	0	\$0	0
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	(\$1)	506	194,741	\$1	452	1,225,203	(\$1)	497

RESET INPUTS
Select Options and Inputs:
Step 3
SDG&E Cost-Based Reference
(Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs Action Required

**Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill*

Customer Cost:	Basic Service Fee	\$11.65/month/customer
Basic Service Fee Amount:	\$0.00 ← Enter \$/month	Residual Customer Cost per kWh: 2.4 Cents per kWh

Distribution Demand: **Fixed Charge Demand Adder** \$6.40/kWh/NCD

**Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.*

Fixed Charge Demand Adder:	Fixed Charge Demand Adder	
0 to <3 kW Adder	\$9.00 ← Enter \$/month	
3 to <7 kW Adder	\$18.00 ← Enter \$/month	
7 to <13 kW Adder	\$39.10 ← Enter \$/month	
13 and above kW Adder	\$39.10 ← Enter \$/month	
		Residual Demand Cost per kWh: 0.5 Cents per kWh

Include SGIP, CSI, & Demand Response In: **Distribution Rate**

**This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.*

Commodity - Two cost components: Capacity costs and energy costs

**Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.*

Capacity:	Recover through energy rates	\$7.07/kW/On-Peak Summer Demand
		Residual Capacity Cost per kWh (Summer): 3.82 Cents per kWh

Energy: **Time-of-Use** Time-of-Use (TOU)

**Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.*

Define TOU Periods by Ratio or Cent Differential:	Cent	← Enter 'Ratio' or 'Cent'
Define Seasonal Off-Peak Credit or Find Annual Credit:	Define Credit	← Enter 'Define Credit' or 'Find Credit'
Summer On/Semi Difference: (On-Peak minus Semi-Peak)	9.73220	← Enter Cent Difference On-Peak/Semi-Peak
Summer Semi/Off Difference: (Semi-Peak minus Off-Peak)	1.58869	← Enter Cent Difference Semi-Peak/Off-Peak
Winter On/Semi Difference: (On-Peak minus Semi-Peak)	0.92838	← Enter Cent Difference On-Peak/Semi-Peak
Winter Semi/Off Difference: (Semi-Peak minus Off-Peak)	1.28712	← Enter Cent Difference Semi-Peak/Off-Peak

Example: Ratio of 2.0 On/Off and 1.5 Semi/Off could yield On Peak=20 Semi-Peak=15 and Off-Peak=10
Example: Cent Difference of 4 On/Semi and 2 Semi/Off could yield On Peak = 18 Semi-Peak 14 and Off-Peak 12

Seasonal Rate Adjustment - Percent Difference of Seasonal EEC:	75%	← Enter %
<i>*Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller.</i>		Seasonal Difference: 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers:

	Flat	← Enter 2, 3, 4 or Flat

*** "Rates" tab set cell: AC79 = N79 *(1-15%); AC84 = N84 *(1-15%); AC85 = N85 *(1-15%); AC86 = N86 *(1-15%); AC87 = N87 *(1-15%) ***

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE:

	No	← Enter 'Yes' or 'No'
	No	

**Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.*

Type of CARE Discount: **Percent Discount**

**2 Options: % discount off the total bill or a \$/month discount*

CARE Energy Discount %:

	20%	← Enter %
	20%	
	20%	
	20%	
	20%	
	20%	

Fixed Charge Demand Adder CARE Discount %:

	20%	← Enter %
	20%	
	20%	
	20%	

III.B.4: Step 4 Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy

% Impact Range	Non-CARE			CARE			Combined		
	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	0	\$0	0	0	\$0	0	0	\$0	0
-10% to -15%	10,981	(\$11)	737	0	\$0	0	10,981	(\$11)	737
-5% to -10%	66,969	(\$12)	1,156	10,981	(\$5)	842	77,950	(\$11)	1,112
0% to -5%	524,529	(\$3)	612	58,826	(\$2)	606	583,356	(\$3)	611
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	275,183	\$1	335	79,413	\$1	426	354,596	\$1	355
5% to 10%	108,233	\$3	190	39,154	\$2	217	147,387	\$3	197
10% to 15%	19,100	\$3	73	6,367	\$3	114	25,467	\$3	83
15% to 20%	6,367	\$2	40	0	\$0	0	6,367	\$2	40
20% to 25%	12,733	\$4	27	0	\$0	0	12,733	\$4	27
25% to 30%	0	\$0	0	0	\$0	0	0	\$0	0
30% to 35%	6,367	\$3	1	0	\$0	0	6,367	\$3	1
35% to 40%	0	\$0	0	0	\$0	0	0	\$0	0
40% to 45%	0	\$0	0	0	\$0	0	0	\$0	0
45% to 50%	0	\$0	0	0	\$0	0	0	\$0	0
50% to 60%	0	\$0	0	0	\$0	0	0	\$0	0
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	(\$1)	506	194,741	\$0	452	1,225,203	(\$1)	497

RESET INPUTS

Select Options and Inputs:

Step 4

SDG&E Cost-Based Reference (Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs

Action Required

Customer Cost: **Basic Service Fee** \$11.65/month/customer

*Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.

Basic Service Fee Amount: <--- Enter \$/month Residual Customer Cost per kWh: 2.4 Cents per kWh

Distribution Demand: **Fixed Charge Demand Adder** \$6.40/kWh/NCD

*Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.

Fixed Charge Demand Adder:

0 to <3 kW Adder	\$12.00	<--- Enter \$/month
3 to <7 kW Adder	\$24.00	<--- Enter \$/month
7 to <13 kW Adder	\$52.14	<--- Enter \$/month
13 and above kW Adder	\$52.14	<--- Enter \$/month

Residual Demand Cost per kWh: -0.9 Cents per kWh

Include SGIP, CSI, & Demand Response in: **Distribution Rate**

*This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.

Commodity - Two cost components: Capacity costs and energy costs

Capacity: **Recover through energy rates** \$7.07/kWh/On-Peak Summer Demand

*Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.

Residual Capacity Cost per kWh (Summer): 3.83 Cents per kWh

Energy: **Time-of-Use** Time-of-Use (TOU)

*Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.

Define TOU Periods by Ratio or Cent Differential:

Define Seasonal Off-Peak Credit or Find Annual Credit:	Cent	<--- Enter 'Ratio' or 'Cent'
Summer On/Semi Difference: (On-Peak minus Semi-Peak)	Define Credit	<--- Enter 'Define Credit' or 'Find Credit'
Summer Semi/Off Difference: (Semi-Peak minus Off-Peak)	13.85028	<--- Enter Cent Difference On-Peak/Semi-Peak
Winter On/Semi Difference: (On-Peak minus Semi-Peak)	1.58869	<--- Enter Cent Difference Semi-Peak/Off-Peak
Winter Semi/Off Difference: (Semi-Peak minus Off-Peak)	0.92838	<--- Enter Cent Difference On-Peak/Semi-Peak
	1.28712	<--- Enter Cent Difference Semi-Peak/Off-Peak

Example: Ratio of 2.0 On/Off and 1.5 Semi/Off could yield On Peak=20 Semi-Peak=15 and Off-Peak=10
 Example: Cent Difference of 4 On/Semi and 2 Semi/Off could yield On Peak = 18 Semi-Peak 14 and Off-Peak 12

Seasonal Rate Adjustment - Percent Difference of Seasonal EEC: <--- Enter % Seasonal Difference: 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

*Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers: <--- Enter 2, 3, 4 or Flat

*** "Rates" tab set cell: AC79 = N79 *(1-15%); AC84 = N84 *(1-15%); AC85 = N85 *(1-15%); AC86 = N86 *(1-15%); AC87 = N87 *(1-15%) ***

*Not in compliance with SB695 Tier 1 and Tier 2 Levels

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE: <--- Enter 'Yes' or 'No'

*Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.

Type of CARE Discount: **Percent Discount**

*2 Options: % discount off the total bill or a \$/month discount

CARE Energy Discount %: <--- Enter %

Fixed Charge Demand Adder CARE Discount %: <--- Enter %

III.B.5: Step 5 Distribution Recovery through Demand Differentiated Basic Service Fee and Commodity Recovery through TOU Energy

	Non-CARE			CARE			Combined		
% Impact Range	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh	Number of Customers	Avg. Monthly \$ Impact	Avg. Monthly kWh
Less than -50%	0	\$0	0	0	\$0	0	0	\$0	0
-45% to -50%	0	\$0	0	0	\$0	0	0	\$0	0
-40% to -45%	0	\$0	0	0	\$0	0	0	\$0	0
-35% to -40%	0	\$0	0	0	\$0	0	0	\$0	0
-30% to -35%	0	\$0	0	0	\$0	0	0	\$0	0
-25% to -30%	0	\$0	0	0	\$0	0	0	\$0	0
-20% to -25%	0	\$0	0	0	\$0	0	0	\$0	0
-15% to -20%	0	\$0	0	0	\$0	0	0	\$0	0
-10% to -15%	3,660	(\$11)	821	0	\$0	0	3,660	(\$11)	821
-5% to -10%	43,517	(\$10)	1,080	0	\$0	0	43,517	(\$10)	1,080
0% to -5%	453,798	(\$2)	679	57,877	(\$2)	652	511,675	(\$2)	676
No Change	0	\$0	0	0	\$0	0	0	\$0	0
0% to 5%	343,901	\$2	383	91,343	\$1	449	435,243	\$2	397
5% to 10%	141,021	\$3	208	39,154	\$2	217	180,175	\$3	210
10% to 15%	25,467	\$3	65	6,367	\$4	114	31,833	\$3	74
15% to 20%	12,733	\$4	27	0	\$0	0	12,733	\$4	27
20% to 25%	6,367	\$3	1	0	\$0	0	6,367	\$3	1
25% to 30%	0	\$0	0	0	\$0	0	0	\$0	0
30% to 35%	0	\$0	0	0	\$0	0	0	\$0	0
35% to 40%	0	\$0	0	0	\$0	0	0	\$0	0
40% to 45%	0	\$0	0	0	\$0	0	0	\$0	0
45% to 50%	0	\$0	0	0	\$0	0	0	\$0	0
50% to 60%	0	\$0	0	0	\$0	0	0	\$0	0
60% to 70%	0	\$0	0	0	\$0	0	0	\$0	0
70% to 80%	0	\$0	0	0	\$0	0	0	\$0	0
80% to 90%	0	\$0	0	0	\$0	0	0	\$0	0
90% to 100%	0	\$0	0	0	\$0	0	0	\$0	0
100% to 125%	0	\$0	0	0	\$0	0	0	\$0	0
125% to 150%	0	\$0	0	0	\$0	0	0	\$0	0
150% to 200%	0	\$0	0	0	\$0	0	0	\$0	0
Greater than 200%	0	\$0	0	0	\$0	0	0	\$0	0
Total	1,030,462	(\$0)	506	194,741	\$1	452	1,225,203	(\$0)	497

RESET INPUTS

Select Options and Inputs:

Step 5

SDG&E Cost-Based Reference (Pre-Revenue Neutral Adjustment)

Distribution - Two cost components: Customer costs and Distribution Demand costs

Action Required

Customer Cost: **Basic Service Fee** \$11.65/month/customer

*Rate recovery options: Basic Service Fee which is a \$/month customer charge or recovery through energy rates which also gives the option of having a minimum bill.

Basic Service Fee Amount: <---- Enter \$/month Residual Customer Cost per kWh: 2.4 Cents per kWh

Distribution Demand: **Fixed Charge Demand Adder** \$6.40/kWh/NCD

*Rate recovery options: Non-Coincident Demand Charge which is a \$/kW charge, Fixed Charge Demand Adder which is a \$/month charge based on maximum demand, and recovery through energy rates.

Fixed Charge Demand Adder:

0 to <3 kW Adder	\$15.00	<---- Enter \$/month
3 to <7 kW Adder	\$30.00	<---- Enter \$/month
7 to <13 kW Adder	\$65.17	<---- Enter \$/month
13 and above kW Adder	\$65.17	<---- Enter \$/month

Residual Demand Cost per kWh: -2.4 Cents per kWh

Include SGIP, CSI, & Demand Response in: **Distribution Rate**

*This is only the movement of the current "miscellaneous distribution rate" to PPP or have it remain in Distribution. It does not affect the total rate.

Commodity - Two cost components: Capacity costs and energy costs

Capacity: **Recover through energy rates** \$7.07/kWh/On-Peak Summer Demand

*Rate recovery options: On-Peak Demand Charge which is a \$/kW charge or recovery through energy rates.

Residual Capacity Cost per kWh (Summer): 3.82 Cents per kWh

Energy: **Time-of-Use** Time-of-Use (TOU)

*Rate recovery options: Time-of-Use rates (On-peak, Semi-peak, Off-peak) or non time differentiated rates.

Define TOU Periods by Ratio or Cent Differential:

Define Seasonal Off-Peak Credit or Find Annual Credit:	Cent	<---- Enter 'Ratio' or 'Cent'
Summer On/Semi Difference: (On-Peak minus Semi-Peak)	17.96835	<---- Enter 'Define Credit' or 'Find Credit'
Summer Semi/Off Difference: (Semi-Peak minus Off-Peak)	1.58869	<---- Enter Cent Difference On-Peak/Semi-Peak
Winter On/Semi Difference: (On-Peak minus Semi-Peak)	0.92838	<---- Enter Cent Difference Semi-Peak/Off-Peak
Winter Semi/Off Difference: (Semi-Peak minus Off-Peak)	1.28712	<---- Enter Cent Difference On-Peak/Semi-Peak

Example: Ratio of 2.0 On/Off and 1.5 Semi/Off could yield On Peak=20 Semi-Peak=15 and Off-Peak=10
 Example: Cent Difference of 4 On/Semi and 2 Semi/Off could yield On Peak = 18 Semi-Peak 14 and Off-Peak 12

Seasonal Rate Adjustment - Percent Difference of Seasonal EICC: <---- Enter % Seasonal Difference 5.04 Cents/kWh x 0.75 = 3.78 Cents/kWh

*Adjusts the total rate differential between summer and winter. Currently all commodity capacity is in the summer, less than 100% makes the seasonal differential smaller.

Total Rate Adjustment Component (TRAC) - Choosing the tier structure

Number of Tiers: <---- Enter 2, 3, 4 or Flat

*** "Rates" tab set cell: AC79 = N79 *(1-15%); AC84 = N84 *(1-15%); AC85 = N85 *(1-15%); AC86 = N86 *(1-15%); AC87 = N87 *(1-15%) ***

*Not in compliance with SB695 Tier 1 and Tier 2 Levels

California Alternate Rates for Energy (CARE) - Choosing the low income assistance mechanism

Set pre-discount CARE Tier 1 and Tier 2 Rate equal non-CARE: <---- Enter 'Yes' or 'No'

*Option to set the pre-discount CARE rate equal to non-CARE rate minus DWR-BC, CSI, and CARE surcharge exemption. Currently the rates CARE customers pay include rate differences prior to the discount and exemptions.

Type of CARE Discount: **Percent Discount**

*2 Options: % discount off the total bill or a \$/month discount

CARE Energy Discount %: <---- Enter %

Fixed Charge Demand Adder CARE Discount %: <---- Enter %