

Company: San Diego Gas & Electric Company (U902M)  
Proceeding: 2019 General Rate Case  
Application: A.17-10-007/-008 (cons.)  
Exhibit: SDG&E-237

**SDG&E**

**REBUTTAL TESTIMONY OF ROSE-MARIE PAYAN  
(GAS CUSTOMER FORECAST)**

**JUNE 18, 2018**

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



A  Sempra Energy utility®



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1 **SDG&E REBUTTAL TESTIMONY OF ROSE-MARIE PAYAN**  
2 **(GAS CUSTOMER FORECAST)**  
3

4 **I. SUMMARY OF DIFFERENCES**

5 **TABLE RMP-1**  
6 **SUMMARY OF POSITIONS**

<b>RESIDENTIAL GAS CUSTOMER FORECAST</b>			
	<b>Base Year 2016</b>	<b>Test Year 2019</b>	<b>Total % Change</b>
SDG&E	<b>845,289</b>	<b>861,541</b>	<b>1.9%</b>
ORA	<b>845,289</b>	<b>861,541</b>	<b>1.9%</b>
TURN	<b>845,289</b>	<b>856,482</b>	<b>1.3%</b>

7  
8 **II. INTRODUCTION**

9 My rebuttal testimony regarding San Diego Gas & Electric Company's (SDG&E) gas  
10 customer forecast for Test Year (TY) 2019 addresses the testimony of The Utility Reform  
11 Network (TURN), as submitted by Mr. Eric Borden (Exhibit TURN-01), dated May 14, 2018.<sup>1</sup>  
12 The Office of Ratepayer Advocates (ORA) also submitted testimony on SDG&E's gas customer  
13 forecast.<sup>2</sup> Because ORA stated that it "does not oppose SDG&E's forecasts,"<sup>3</sup> this rebuttal  
14 testimony does not address ORA's report.<sup>4</sup>

15 As a preliminary matter, the absence of a response to any particular issue in this rebuttal  
16 testimony does not imply or constitute agreement by SDG&E with the proposal or contention

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<sup>1</sup> May 14, 2018, Prepared Direct Testimony of Eric Borden Addressing San Diego Gas & Electric Company and Southern California Gas Company in Their Test Year 2019 General Rate Case Related to Electric Distribution Capital, Gas Transmission Operation, Gas Major Projects, Cash Working Capital, and Customer Forecast, on behalf of The Utility Reform Network [TURN], Exhibit TURN-01 (Borden).

<sup>2</sup> April 13, 2018, ORA Report on Customers and Miscellaneous Revenues, Exhibit ORA-29 (Marek Kanter).

<sup>3</sup> *Id.* at 7.

<sup>4</sup> Mr. Kanter (Ex. ORA-29) (Kanter) also presented testimony regarding the gas customer forecast of Southern California Gas Company. ORA's findings for SoCalGas were similar to those for SDG&E stating, "ORA does not oppose SoCalGas' forecasts." *Id.* at 16. As such, SoCalGas is not submitting rebuttal testimony in response to ORA.

1 made by these or other parties. The forecasts contained in SDG&E’s direct testimony are based  
2 on sound estimates at the time of testimony preparation.

3 TURN recommends that the Commission order SDG&E to re-run its gas meter regression  
4 model using Moody’s historical and forecast housing start data so that the results can be used to  
5 prepare a different active meter forecast.<sup>5</sup> TURN’s proposed forecast methodology is infeasible  
6 given the present reporting structure of the gas forecasting group. TURN alternatively proposes  
7 that the Commission reduce SDG&E’s residential gas connection forecast for 2018 and 2019 by  
8 0.34% and 0.59% respectively.<sup>6</sup> The isolation of adjustments to a single-entry data point is not  
9 reasonably sound because it selectively favors adjustments that would lower the total forecast  
10 without factual support.

### 11 **III. REBUTTAL TO PARTIES’ GAS CUSTOMER FORECAST PROPOSALS**

#### 12 **A. SDG&E’S FORECAST IS REASONABLE AS SHOWN BY FORECAST-** 13 **TO-ACTUALS COMPARISON FOR 2017; TURN’S ARBITRARY** 14 **ADJUSTMENTS DOWNWARD WILL RESULT IN THE FORECAST** 15 **FURTHER DEVIATING FROM ACTUALS**

16 SDG&E first addresses TURN’s alternative approach: “the Commission could simply  
17 reduce the residential gas connection forecast for 2018 and 2019 by 0.34% and 0.59%  
18 respectively.”<sup>7</sup> TURN’s testimony charts a “true-up” of Global Insight’s housing start data  
19 against actual housing start recorded data.<sup>8</sup> TURN concludes that because Global Insight  
20 showed a higher forecast for housing starts over a brief three-year period, SDG&E’s forecast  
21 must be reduced by 0.34% and 0.59% in the years 2018 and 2019, respectively.

22 To prepare its gas demand forecast for the General Rate Case (GRC), SDG&E effectively  
23 incorporates information that is compiled from numerous sources, including a reliance on  
24 respectable third-party vendors to create a final forecast. The residential gas meter forecast  
25 driver includes, but is not limited to, forecasts of housing starts prepared by Global Insight, an  
26 internationally recognized econometric forecasting firm. The housing start forecast data that was  
27 used to prepare the gas meter forecast in my direct testimony was extracted from Global

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<sup>5</sup> Ex. TURN-01 (Borden) at 1, 58.

<sup>6</sup> *Id.* at 58.

<sup>7</sup> *Id.*

<sup>8</sup> *Id.* at 57.

1 Insight’s February 2017 Regional forecast. My direct testimony (*see* Exhibit SDG&E-37 at  
2 RMP-4) shows recent historical active meter counts as well as forecasts for gas customers for  
3 2017, 2018, and TY 2019.

4 A comparison of SDG&E’s forecasted and recorded 2017 gas meters, shown in Table  
5 RMP-2 below, reveals the forecast to be virtually spot on and minimally *under forecast*. This  
6 information was also provided to TURN via discovery.<sup>9</sup>

7  
8 **TABLE RMP-2**

	<b>2017 Forecasted Total Active Meters</b>	<b>2017 Forecasted Total Residential Active Meters</b>	<b>2017 Recorded Total Active Meters</b>	<b>2017 Recorded Residential Meters</b>	<b>Forecasted Minus Actual Total Active Meters</b>	<b>Forecasted Minus Actual Total Residential Meters</b>
<b>SDGE</b>	<b>880,289</b>	<b>849,856</b>	<b>880,394</b>	<b>850,136</b>	<b>-105</b>	<b>-280</b>

9  
10 As illustrated in the Table RMP-2 above, SDG&E’s total active gas meter forecast for  
11 2017 came under forecast by 105 meters. SDG&E’s residential gas meter forecast for 2017 is  
12 under forecast by 280 meters. For this reason, it would appear that TURN’s recommended  
13 downward adjustment of 0.34% to 0.59%, from the current forecasted level, would bias the  
14 forecast downward and result, effectively, in an inferior forecast.

15 TURN’s argument is additionally flawed for two reasons. First, the mapping of housing  
16 start gains to active meter counts is not one-for-one. Second, as discussed further below, steps  
17 were taken to align SDG&E’s raw gas meter forecast against the benchmark of most recently  
18 available historical data. As stated in my direct testimony, “As a final step, the model forecasts  
19 are calibrated to match up with the last recorded actuals so the forecast and the historical trend  
20 are consistent.”<sup>10</sup> This post-model calibration adjustment was applied, which resulted in  
21 SDG&E’s final gas meter forecast included in direct testimony.<sup>11</sup>

22 The calibration aims to confirm that the model is not overly sensitive to the initial values  
23 or outliers in the data. If forecast starting values are misaligned, the calibration process will

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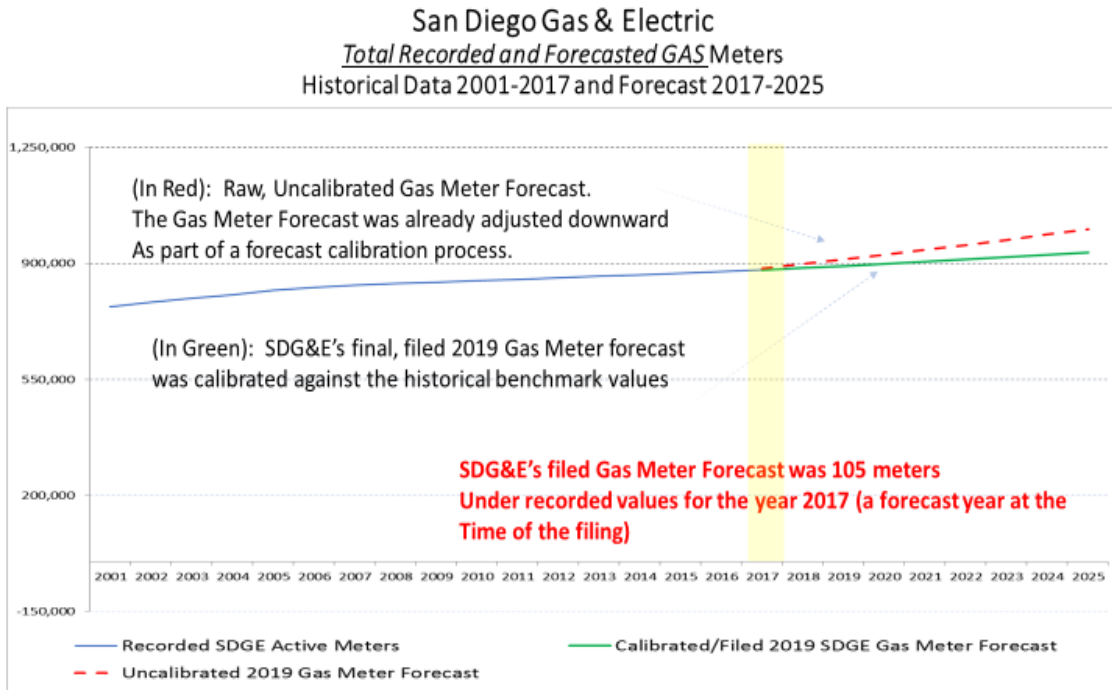
<sup>9</sup> TURN-SDG&E-DR-010, Question 14, attached in Appendix A.

<sup>10</sup> Ex. SDG&E-37 (Payan) at RMP-3.

<sup>11</sup> *See* ORA-SDG&E-DR-010-MRK, Question 2, attached in Appendix A.

bring the forecast in line with recorded data. For the forecast presented in this TY 2019 GRC, a post-model calibration adjustment was made. SDG&E’s calibration resulted in an average annual reduction of 4,028 meters per year over the forecast horizon. Figure RMP-1 below illustrates the comparison between the historical trend, the unadjusted forecast, and the calibrated forecast.

**FIGURE RMP-1**



After the calibration is made, what remains is a forecast that SDG&E believes is reasonable and thus SDG&E requests the Commission adopt its gas customer forecast.

**B. TURN FAILS TO RECOGNIZE THAT THE ELECTRIC FORECASTING UNITS AND GAS FORECASTING UNITS ARE FUNCTIONALLY SEPARATE ORGANIZATIONS**

As another option, TURN recommends that SDG&E re-run its models using Moody’s data instead of Global Insight data.<sup>12</sup> The gas meter forecast was prepared by the gas demand forecasting unit. Gas demand forecasting prepares the forecasts for load as well as customers for SoCalGas and SDG&E. The gas demand forecasting unit is physically located in the SoCalGas

<sup>12</sup> Ex. TURN-01 (Borden) at 58.

1 organizational structure, and supports SDG&E’s gas forecasting needs. The *electric* load and  
2 meter forecasters, however, are housed entirely within the SDG&E organizational structure. The  
3 SDG&E *electric* forecasting group purchased access to housing start data from Moody’s within  
4 its contractual provisions with that vendor to utilize *but not share* the proprietary data, even with  
5 its affiliate the SoCalGas and SDG&E gas demand forecasting unit.

6 The gas demand forecasting unit is a separate, functional organization, treated as a shared  
7 service so as to work on both SoCalGas and SDG&E gas forecasting items. The gas demand  
8 forecasting group does not have a contract to utilize Moody’s data, which was communicated to  
9 TURN through discovery as provided below:

10 For the request to re-run the gas customer forecast using Moody’s data, as  
11 stated on page RMP-2 of the Direct Testimony of SDG&E’s Gas  
12 Customer Forecast witness Rose-Marie Payan (Exhibit SDG&E-37),  
13 SDG&E’s gas “residential customer forecast came from IHS Global  
14 Insight’s February 2017 Regional Forecast for San Diego County.” This  
15 was also communicated to TURN in SDG&E’s response to Question 12 of  
16 TURN Data Request-010: “The gas model for SDG&E relied on housing  
17 starts from IHS Global Insight because this is the best available data the  
18 gas forecasting group has for tracking activity in the housing market...  
19 The gas forecasting group does not subscribe to Moody’s services.”  
20 SDG&E’s gas forecasting group does not have access or rights to access  
21 Moody’s data.<sup>13</sup>

22 Therefore, SDG&E cannot simply re-run our models using Moody’s data, as TURN  
23 recommends. It is not feasible, without penalty or contract, to use the data for a separate  
24 organizational unit.

#### 25 IV. CONCLUSION

26 SDG&E disagrees with TURN’s recommendation to use Moody’s data, on the basis that  
27 SDG&E cannot use data for which it does not have authority to utilize in order to build a  
28 completely new forecast on the grounds that it would be convenient for TURN to allow such a  
29 change. SDG&E also disagrees with TURN’s alternative recommendation that the gas meter  
30 forecasts should be adjusted downward by 0.34 to 0.59% for 2018 and 2019. From reviewing  
31 and comparing the 2017 gas meter forecast against the recorded data for 2017, SDG&E’s

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<sup>13</sup> TURN-SDG&E-DR-022, Question 3.



1 forecasts are very close to actuals and are observed to be under forecast. The evidence strongly  
2 supports SDG&E's forecast as reasonable.

3 For all these reasons mentioned above, the Commission should adopt SDG&E's gas  
4 meter forecasts without revision.

5 This concludes my prepared rebuttal testimony.  
6  
7

**APPENDIX A**

**Data Request TURN-SEU-DR-010 Question 14**

**Data Request ORA-SDG&E-DR-010 Question 2**

**TURN DATA REQUEST-010**  
**SDG&E-SOCALGAS 2019 GRC – A.17-11-007/8**  
**SDG&E\_SOCALGAS RESPONSE**  
**DATE RECEIVED: JANUARY 26, 2018**  
**DATE RESPONDED: FEBRUARY 9, 2018**

14. Please provide the actual (recorded) number of new gas connections for 2017.

**Utility Response 14:**

The actual number of gas customers for 2017 is 880,394. As shown in Table RMP-1 of Ms. Payan's Direct Testimony, the gas customer forecast for 2017 was 880,289. The difference is 105 meters under forecast.

**ORA DATA REQUEST**  
**ORA-SDG&E-DR-010-MRK**  
**SDG&E 2019 GRC – A.17-10-007**  
**SDG&E RESPONSE**  
**DATE RECEIVED: OCTOBER 30, 2017**  
**DATE RESPONDED: NOVEMBER 13, 2017**

2. SDG&E-38 workpapers supplied to ORA on October 26, 2017 on two CDs is not a “working” spreadsheet, even though described as such, as all entries appear to be hard-coded. In response to Question 1, above, please provide a working spreadsheet that contains active links and working cell entries. Also provide such a working spreadsheet in response to data request ORA-SDGE-006-MRK.

**SDG&E Response 2:**

Please see the separately attached documents listed below:

ORA SDGE 010\_SDGE Forecast\_Page 7 and 8 in Exhibit SDG&E-37-WP\_Attachment  
Q2\_A.xlsx  
ORA SDGE 010\_historical data\_pages 10-31 in Exhibit SDG&E-37-WP\_Attachment  
Q2\_B.xlsx  
ORA SDGE 010 Exhibit SDG&E-37-WP with tables and data as embedded text\_Attachment  
Q2\_C.doc

**SAN DIEGO GAS and ELECTRIC COMPANY: CUSTOMER FOREC**  
**(Annual Averages)** updated on MARCH  
**GENERAL RATE CASE 2019**

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Residential</b>	739,874	753,182	765,256	775,938	788,196	798,253	805,013	808,545	812,174	817,006	821,874	826,523
<b>Core C/I</b>	28,735	29,036	29,277	29,454	29,513	29,588	29,860	30,158	30,123	30,150	30,114	30,083
<b>NGV</b>	190	194	212	252	276	114	28	29	26	27	29	24
<b>Non-Core C/I</b>	53	51	54	55	56	56	57	53	55	58	57	58
<b>Electric Generation</b>	60	67	66	71	75	77	71	68	64	65	61	64
<b>TOTAL</b>	768,912	782,530	794,866	805,771	818,117	828,088	835,029	838,853	842,442	847,305	852,135	856,752
Customer Growth	12,698	13,618	12,336	10,905	12,346	9,972	6,941	3,824	3,589	4,863	4,830	4,618
Customer Growth Rate	1.68%	1.77%	1.58%	1.37%	1.53%	1.22%	0.84%	0.46%	0.43%	0.58%	0.57%	0.54%

LAST  
 1 21 2017

2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
831,840	834,942	840,065	845,289	849,856	855,820	861,541	867,507	874,002	880,694
30,028	30,011	29,996	30,018	30,277	30,527	30,712	30,844	30,940	31,027
25	25	25	25	26	26	27	27	28	28
52	50	48	50	45	48	50	51	51	51
66	66	69	80	86	88	90	93	96	99
862,010	865,093	870,203	875,462	880,289	886,510	892,419	898,521	905,116	911,898
5,258	3,083	5,109	5,260	4,827	6,221	5,909	6,102	6,595	6,782
0.61%	0.36%	0.59%	0.6044%	0.551%	0.71%	0.67%	0.68%	0.73%	0.75%

\*actuals through 2016 / \*forecast begins 2017

San Diego Gas and Electric Company  
 ORA SDGE 010\_SDGE Forecast\_Page 7 and 8 in Exhibit SDG-37-WP Attachment Q2\_A

2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
887,384	894,075	900,786	907,543	914,320	921,004	927,619	934,350	941,255	948,260	955,423
31,121	31,213	31,295	31,371	31,446	31,521	31,593	31,662	31,731	31,800	31,868
29	29	30	30	36	37	38	38	39	39	40
51	51	51	52	52	52	52	52	52	52	52
102	105	108	111	114	117	120	123	126	129	132
918,687	925,472	932,270	939,106	945,968	952,730	959,421	966,224	973,203	980,280	987,515
6,789	6,785	6,797	6,836	6,862	6,763	6,691	6,803	6,979	7,077	7,235
0.74%	0.74%	0.73%	0.73%	0.73%	0.71%	0.70%	0.71%	0.72%	0.73%	0.74%

San Diego Gas and Electric Company  
 ORA SDGE 010\_SDGE Forecast\_Page 7 and 8 in Exhibit SDG-37-WP Attachment Q2 A

<b>2034</b>	<b>2035</b>	<b>2036</b>	<b>2037</b>	<b>2038</b>	<b>2039</b>	<b>2040</b>
962,877	970,642	978,633	986,677	994,767	1,002,824	1,010,830
31,937	32,006	32,077	32,148	32,217	32,285	32,356
40	41	41	42	42	43	43
52	53	53	53	53	53	52
135	138	141	144	147	150	153
995,041	1,002,879	1,010,943	1,019,063	1,027,225	1,035,354	1,043,434
7,527	7,838	8,064	8,120	8,162	8,129	8,080
<b>0.76%</b>	<b>0.79%</b>	<b>0.80%</b>	<b>0.80%</b>	<b>0.80%</b>	<b>0.79%</b>	<b>0.78%</b>



San Diego Gas and Electric Company

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResUnit</u>	<u>DResUnit</u>	<u>ResUnitL</u>	<u>RESHS</u>	<u>RESHSL1</u>
10	199001	1990	1	<b>847259.9</b>	#REF!	841534	27,758	18,168
11	199002	1990	2	<b>851332.2</b>	4072.3177	<b>847260</b>	15,545	27,758
12	199003	1990	3	<b>854482.3</b>	3150.1268	<b>851332</b>	11,903	15,545
13	199004	1990	4	<b>858129.1</b>	3646.7341	<b>854482</b>	9,905	11,903
14	199101	1991	1	<b>861719.6</b>	3590.5952	<b>858129</b>	12,187	9,905
15	199102	1991	2	<b>864472.1</b>	2752.4215	<b>861720</b>	10,164	12,187
16	199103	1991	3	<b>866136.4</b>	1664.3478	<b>864472</b>	6,156	10,164
17	199104	1991	4	<b>868681.6</b>	2545.1784	<b>866136</b>	5,663	6,156
18	199201	1992	1	<b>871097.3</b>	2415.7453	<b>868682</b>	9,488	5,663
19	199202	1992	2	<b>872314.5</b>	1217.193	<b>871097</b>	6,838	9,488
20	199203	1992	3	<b>873523.1</b>	1208.5773	<b>872315</b>	6,094	6,838
21	199204	1992	4	<b>874886.3</b>	1363.1655	<b>873523</b>	3,707	6,094
22	199301	1993	1	<b>876996.8</b>	2110.5004	<b>874886</b>	4,327	3,707
23	199302	1993	2	<b>878154.2</b>	1157.3819	<b>876997</b>	5,839	4,327
24	199303	1993	3	<b>878475</b>	320.80335	<b>878154</b>	5,469	5,839
25	199304	1993	4	<b>880448.7</b>	1973.7177	<b>878475</b>	7,426	5,469
26	199401	1994	1	<b>882191.9</b>	1743.1771	<b>880449</b>	7,614	7,426
27	199402	1994	2	<b>883296.7</b>	1104.825	<b>882192</b>	7,028	7,614
28	199403	1994	3	<b>884264</b>	967.31201	<b>883297</b>	6,591	7,028
29	199404	1994	4	<b>885713.2</b>	1449.163	<b>884264</b>	7,063	6,591
30	199501	1995	1	<b>887934.3</b>	2221.1348	<b>885713</b>	6,363	7,063
31	199502	1995	2	<b>889150.6</b>	1216.2756	<b>887934</b>	7,656	6,363
32	199503	1995	3	<b>889958.7</b>	808.13412	<b>889151</b>	6,586	7,656
33	199504	1995	4	<b>892257.5</b>	2298.842	<b>889959</b>	6,284	6,586
34	199601	1996	1	<b>894767.5</b>	2509.9148	<b>892258</b>	6,903	6,284
35	199602	1996	2	<b>896892.5</b>	2125.0159	<b>894767</b>	7,141	6,903
36	199603	1996	3	<b>898950</b>	2057.5618	<b>896892</b>	7,018	7,141
37	199604	1996	4	<b>902164.2</b>	3214.1743	<b>898950</b>	7,096	7,018
38	199701	1997	1	<b>903974</b>	1809.7489	<b>902164</b>	8,859	7,096
39	199702	1997	2	<b>904911</b>	937.04842	<b>903974</b>	9,734	8,859
40	199703	1997	3	<b>907197.6</b>	2286.5843	<b>904911</b>	10,365	9,734
41	199704	1997	4	<b>910455.6</b>	3257.9709	<b>907198</b>	14,840	10,365
42	199801	1998	1	<b>913806.8</b>	3351.2771	<b>910456</b>	11,409	14,840
43	199802	1998	2	<b>916187.1</b>	2380.242	<b>913807</b>	12,275	11,409
44	199803	1998	3	<b>918532.2</b>	2345.0777	<b>916187</b>	13,468	12,275
45	199804	1998	4	<b>921844.1</b>	3311.9386	<b>918532</b>	10,581	13,468
46	199901	1999	1	<b>925659</b>	3814.9012	<b>921844</b>	15,322	10,581
47	199902	1999	2	<b>928446</b>	2787	<b>925659</b>	15,832	15,322
48	199903	1999	3	<b>930414.3</b>	1968.3333	<b>928446</b>	15,920	15,832
49	199904	1999	4	<b>933867.3</b>	3453	<b>930414</b>	13,931	15,920
50	200001	2000	1	<b>937026</b>	3158.6667	<b>933867</b>	13,962	13,931
51	200002	2000	2	<b>939632.7</b>	2606.6667	<b>937026</b>	15,633	13,962
52	200003	2000	3	<b>942201.3</b>	2568.6667	<b>939633</b>	13,631	15,633

San Diego Gas and Electric Company

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResUnit</u>	<u>DResUnit</u>	<u>ResUnitL</u>	<u>RESHS</u>	<u>RESHSL1</u>
53	200004	2000	4	<b>946133.3</b>	3932	<b>942201</b>	13,146	13,631
54	200101	2001	1	<b>949298.7</b>	3165.3333	<b>946133</b>	15,928	13,146
55	200102	2001	2	<b>951952.3</b>	2653.6667	<b>949299</b>	15,330	15,928
56	200103	2001	3	<b>954665</b>	2712.6667	<b>951952</b>	13,835	15,330
57	200104	2001	4	<b>958312.7</b>	3647.6667	<b>954665</b>	13,190	13,835
58	200201	2002	1	<b>961875.3</b>	3562.6667	<b>958313</b>	15,289	13,190
59	200202	2002	2	<b>965417.3</b>	3542	<b>961875</b>	12,978	15,289
60	200203	2002	3	<b>969333.3</b>	3916	<b>965417</b>	11,440	12,978
61	200204	2002	4	<b>972657</b>	3323.6667	<b>969333</b>	12,882	11,440
62	200301	2003	1	<b>975866.7</b>	3209.6667	<b>972657</b>	17,421	12,882
63	200302	2003	2	<b>978340.3</b>	2473.6667	<b>975867</b>	16,593	17,421
64	200303	2003	3	<b>981433.7</b>	3093.3333	<b>978340</b>	14,766	16,593
65	200304	2003	4	<b>984013.3</b>	2579.6667	<b>981434</b>	15,740	14,766
66	200401	2004	1	<b>986498</b>	2484.6667	<b>984013</b>	15,617	15,740
67	200402	2004	2	<b>988394.7</b>	1896.6667	<b>986498</b>	15,253	15,617
68	200403	2004	3	<b>991199</b>	2804.3333	<b>988395</b>	14,891	15,253
69	200404	2004	4	<b>994949</b>	3750	<b>991199</b>	11,674	14,891
70	200501	2005	1	<b>998429</b>	3480	<b>994949</b>	16,919	11,674
71	200502	2005	2	<b>1001222</b>	2792.6667	<b>998429</b>	14,356	16,919
72	200503	2005	3	<b>1003616</b>	2394.3333	<b>1001222</b>	12,489	14,356
73	200504	2005	4	<b>1006384</b>	2767.6667	<b>1003616</b>	7,918	12,489
74	200601	2006	1	<b>1009232</b>	2848	<b>1006384</b>	10,098	7,918
75	200602	2006	2	<b>1011601</b>	2369.6667	<b>1009232</b>	9,222	10,098
76	200603	2006	3	<b>1013991</b>	2389.6667	<b>1011601</b>	7,320	9,222
77	200604	2006	4	<b>1020374</b>	6383.3333	<b>1013991</b>	7,520	7,320
78	200701	2007	1	<b>1023075</b>	2700.6667	<b>1020374</b>	7,006	7,520
79	200702	2007	2	<b>1027640</b>	4564.6667	<b>1023075</b>	7,631	7,006
80	200703	2007	3	<b>1029929</b>	2289.3333	<b>1027640</b>	6,026	7,631
81	200704	2007	4	<b>1031285</b>	1356.3333	<b>1029929</b>	4,486	6,026
82	200801	2008	1	<b>1031483</b>	198	<b>1031285</b>	5,206	4,486
83	200802	2008	2	<b>1030047</b>	-1436	<b>1031483</b>	7,018	5,206
84	200803	2008	3	<b>1030383</b>	335.6667	<b>1030047</b>	4,738	7,018
85	200804	2008	4	<b>1031393</b>	1009.6667	<b>1030383</b>	3,262	4,738
86	200901	2009	1	<b>1032464</b>	1071.6667	<b>1031393</b>	1,864	3,262
87	200902	2009	2	<b>1032937</b>	472.33333	<b>1032464</b>	4,571	1,864
88	200903	2009	3	<b>1033854</b>	917	<b>1032937</b>	2,026	4,571
89	200904	2009	4	<b>1033348</b>	-505.3333	<b>1033854</b>	2,284	2,026
90	201001	2010	1	<b>1035250</b>	1902	<b>1033348</b>	4,162	2,284
91	201002	2010	2	<b>1036749</b>	1499	<b>1035250</b>	3,271	4,162
92	201003	2010	3	<b>1037818</b>	1068.3333	<b>1036749</b>	3,356	3,271
93	201004	2010	4	<b>1038994</b>	1176.6667	<b>1037818</b>	2,596	3,356
94	201101	2011	1	<b>1039993</b>	998.66667	<b>1038994</b>	4,011	2,596
95	201102	2011	2	<b>1041735</b>	1741.6667	<b>1039993</b>	6,459	4,011

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResUnit</u>	<u>DResUnit</u>	<u>ResUnitL</u>	<u>RESHS</u>	<u>RESHSL1</u>
96	201103	2011	3	<b>1043032</b>	1297.6667	<b>1041735</b>	5,162	6,459
97	201104	2011	4	<b>1043739</b>	707	<b>1043032</b>	5,466	5,162
98	201201	2012	1	<b>1044574</b>	834.33333	<b>1043739</b>	3,686	5,466
99	201202	2012	2	<b>1045422</b>	848.66667	<b>1044574</b>	6,264	3,686
100	201203	2012	3	<b>1047003</b>	1580.3333	<b>1045422</b>	6,428	6,264
101	201204	2012	4	<b>1048517</b>	1514	<b>1047003</b>	4,404	6,428
102	201301	2013	1	<b>1049989</b>	1472	<b>1048517</b>	6,063	4,404
103	201302	2013	2	<b>1051392</b>	1403	<b>1049989</b>	7,785	6,063
104	201303	2013	3	<b>1052529</b>	1137.3333	<b>1051392</b>	5,665	7,785
105	201304	2013	4	<b>1053757</b>	1228.3333	<b>1052529</b>	9,877	5,665
106	201401	2014	1	<b>1054974</b>	1216.3333	<b>1053757</b>	8,199	9,877
107	201402	2014	2	<b>1055936</b>	962.66667	<b>1054974</b>	6,978	8,199
108	201403	2014	3	<b>1056864</b>	927.33333	<b>1055936</b>	7,943	6,978
109	201404	2014	4	<b>1058598</b>	1734.6667	<b>1056864</b>	6,537	7,943
110	201501	2015	1	<b>1059547</b>	948.66667	<b>1058598</b>	6,618	6,537
111	201502	2015	2	<b>1060954</b>	1406.6667	<b>1059547</b>	10,547	6,618
112	201503	2015	3	<b>1062123</b>	1169	<b>1060954</b>	8,459	10,547
113	201504	2015	4	<b>1064132</b>	2009	<b>1062123</b>	8,567	8,459
114	201601	2016	1	1065353	1221.3333	<b>1064132</b>	9,516	8,567
115	201602	2016	2	1066546	1193	1065353	9,876	9,516
116	201603	2016	3	1068251	1705	1066546	9,103	9,876
117	201604	2016	4	1069665	1414	1068251	10,334	9,103
118	201701	2017	1	.	.	1069665	10,860	10,334
119	201702	2017	2	.	.	.	12,269	10,860
120	201703	2017	3	.	.	.	12,402	12,269
121	201704	2017	4	.	.	.	12,652	12,402
122	201801	2018	1	.	.	.	12,624	12,652
123	201802	2018	2	.	.	.	12,575	12,624
124	201803	2018	3	.	.	.	12,575	12,575
125	201804	2018	4	.	.	.	12,897	12,575
126	201901	2019	1	.	.	.	12,994	12,897
127	201902	2019	2	.	.	.	13,242	12,994
128	201903	2019	3	.	.	.	13,378	13,242
129	201904	2019	4	.	.	.	13,486	13,378
130	202001	2020	1	.	.	.	13,616	13,486
131	202002	2020	2	.	.	.	13,744	13,616
132	202003	2020	3	.	.	.	13,945	13,744
133	202004	2020	4	.	.	.	14,040	13,945
134	202101	2021	1	.	.	.	14,172	14,040
135	202102	2021	2	.	.	.	14,325	14,172
136	202103	2021	3	.	.	.	14,450	14,325
137	202104	2021	4	.	.	.	14,441	14,450
138	202201	2022	1	.	.	.	14,383	14,441

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResUnit</u>	<u>DResUnit</u>	<u>ResUnitL</u>	<u>RESHS</u>	<u>RESHSL1</u>
139	202202	2022	2 .	.	.	.	14,398	14,383
140	202203	2022	3 .	.	.	.	14,445	14,398
141	202204	2022	4 .	.	.	.	14,424	14,445
142	202301	2023	1 .	.	.	.	14,465	14,424
143	202302	2023	2 .	.	.	.	14,466	14,465
144	202303	2023	3 .	.	.	.	14,395	14,466
145	202304	2023	4 .	.	.	.	14,315	14,395
146	202401	2024	1 .	.	.	.	14,359	14,315
147	202402	2024	2 .	.	.	.	14,390	14,359
148	202403	2024	3 .	.	.	.	14,431	14,390
149	202404	2024	4 .	.	.	.	14,434	14,431
150	202501	2025	1 .	.	.	.	14,446	14,434
151	202502	2025	2 .	.	.	.	14,492	14,446
152	202503	2025	3 .	.	.	.	14,469	14,492
153	202504	2025	4 .	.	.	.	14,564	14,469
154	202601	2026	1 .	.	.	.	14,528	14,564
155	202602	2026	2 .	.	.	.	14,561	14,528
156	202603	2026	3 .	.	.	.	14,576	14,561
157	202604	2026	4 .	.	.	.	14,546	14,576
158	202701	2027	1 .	.	.	.	14,546	14,546
159	202702	2027	2 .	.	.	.	14,464	14,546
160	202703	2027	3 .	.	.	.	14,414	14,464
161	202704	2027	4 .	.	.	.	14,314	14,414
162	202801	2028	1 .	.	.	.	14,327	14,314
163	202802	2028	2 .	.	.	.	14,276	14,327
164	202803	2028	3 .	.	.	.	14,231	14,276
165	202804	2028	4 .	.	.	.	14,225	14,231
166	202901	2029	1 .	.	.	.	14,271	14,225
167	202902	2029	2 .	.	.	.	14,353	14,271
168	202903	2029	3 .	.	.	.	14,427	14,353
169	202904	2029	4 .	.	.	.	14,474	14,427
170	203001	2030	1 .	.	.	.	14,546	14,474
171	203002	2030	2 .	.	.	.	14,766	14,546
172	203003	2030	3 .	.	.	.	14,706	14,766
173	203004	2030	4 .	.	.	.	14,797	14,706
174	203101	2031	1 .	.	.	.	14,848	14,797
175	203102	2031	2 .	.	.	.	14,858	14,848
176	203103	2031	3 .	.	.	.	14,858	14,858
177	203104	2031	4 .	.	.	.	14,902	14,858
178	203201	2032	1 .	.	.	.	15,050	14,902
179	203202	2032	2 .	.	.	.	15,060	15,050
180	203203	2032	3 .	.	.	.	15,054	15,060
181	203204	2032	4 .	.	.	.	15,178	15,054

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<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResUnit</u>	<u>DResUnit</u>	<u>ResUnitL</u>	<u>RESHS</u>	<u>RESHSL1</u>
182	203301	2033	1 .	.	.	.	15,359	15,178
183	203302	2033	2 .	.	.	.	15,502	15,359
184	203303	2033	3 .	.	.	.	15,574	15,502
185	203304	2033	4 .	.	.	.	15,726	15,574
186	203401	2034	1 .	.	.	.	15,920	15,726
187	203402	2034	2 .	.	.	.	15,922	15,920
188	203403	2034	3 .	.	.	.	16,137	15,922
189	203404	2034	4 .	.	.	.	16,246	16,137
190	203501	2035	1 .	.	.	.	16,465	16,246
191	203502	2035	2 .	.	.	.	16,424	16,465
192	203503	2035	3 .	.	.	.	16,547	16,424
193	203504	2035	4 .	.	.	.	16,638	16,547
194	203601	2036	1 .	.	.	.	16,715	16,638
195	203602	2036	2 .	.	.	.	16,551	16,715
196	203603	2036	3 .	.	.	.	16,610	16,551
197	203604	2036	4 .	.	.	.	16,665	16,610
198	203701	2037	1 .	.	.	.	16,668	16,665
199	203702	2037	2 .	.	.	.	16,735	16,668
200	203703	2037	3 .	.	.	.	16,762	16,735
201	203704	2037	4 .	.	.	.	16,758	16,762
202	203801	2038	1 .	.	.	.	16,669	16,758
203	203802	2038	2 .	.	.	.	16,725	16,669
204	203803	2038	3 .	.	.	.	16,699	16,725
205	203804	2038	4 .	.	.	.	16,699	16,699
206	203901	2039	1 .	.	.	.	16,564	16,699
207	203902	2039	2 .	.	.	.	16,621	16,564
208	203903	2039	3 .	.	.	.	16,583	16,621
209	203904	2039	4 .	.	.	.	16,612	16,583
210	204001	2040	1 .	.	.	.	16,477	16,612
211	204002	2040	2 .	.	.	.	16,606	16,477
212	204003	2040	3 .	.	.	.	16,673	16,606
213	204004	2040	4 .	.	.	.	16,731	16,673
214	204101	2041	1 .	.	.	.	16,578	16,731
215	204102	2041	2 .	.	.	.	16,696	16,578
216	204103	2041	3 .	.	.	.	16,741	16,696
217	204104	2041	4 .	.	.	.	16,799	16,741

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<u>RESHSL2</u>	<u>RESHSL3</u>	<u>RESHSL4</u>	<u>RESHSL5</u>	<u>RESHSL6</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	SEA1	SEA2	SEA3
16,871	17,564	21,817	39,050	27,264	24,015	20,458	0	0	0
18,168	16,871	17,564	21,817	39,050	27,264	24,015	1	0	0
27,758	18,168	16,871	17,564	21,817	39,050	27,264	0	1	0
15,545	27,758	18,168	16,871	17,564	21,817	39,050	0	0	1
11,903	15,545	27,758	18,168	16,871	17,564	21,817	0	0	0
9,905	11,903	15,545	27,758	18,168	16,871	17,564	1	0	0
12,187	9,905	11,903	15,545	27,758	18,168	16,871	0	1	0
10,164	12,187	9,905	11,903	15,545	27,758	18,168	0	0	1
6,156	10,164	12,187	9,905	11,903	15,545	27,758	0	0	0
5,663	6,156	10,164	12,187	9,905	11,903	15,545	1	0	0
9,488	5,663	6,156	10,164	12,187	9,905	11,903	0	1	0
6,838	9,488	5,663	6,156	10,164	12,187	9,905	0	0	1
6,094	6,838	9,488	5,663	6,156	10,164	12,187	0	0	0
3,707	6,094	6,838	9,488	5,663	6,156	10,164	1	0	0
4,327	3,707	6,094	6,838	9,488	5,663	6,156	0	1	0
5,839	4,327	3,707	6,094	6,838	9,488	5,663	0	0	1
5,469	5,839	4,327	3,707	6,094	6,838	9,488	0	0	0
7,426	5,469	5,839	4,327	3,707	6,094	6,838	1	0	0
7,614	7,426	5,469	5,839	4,327	3,707	6,094	0	1	0
7,028	7,614	7,426	5,469	5,839	4,327	3,707	0	0	1
6,591	7,028	7,614	7,426	5,469	5,839	4,327	0	0	0
7,063	6,591	7,028	7,614	7,426	5,469	5,839	1	0	0
6,363	7,063	6,591	7,028	7,614	7,426	5,469	0	1	0
7,656	6,363	7,063	6,591	7,028	7,614	7,426	0	0	1
6,586	7,656	6,363	7,063	6,591	7,028	7,614	0	0	0
6,284	6,586	7,656	6,363	7,063	6,591	7,028	1	0	0
6,903	6,284	6,586	7,656	6,363	7,063	6,591	0	1	0
7,141	6,903	6,284	6,586	7,656	6,363	7,063	0	0	1
7,018	7,141	6,903	6,284	6,586	7,656	6,363	0	0	0
7,096	7,018	7,141	6,903	6,284	6,586	7,656	1	0	0
8,859	7,096	7,018	7,141	6,903	6,284	6,586	0	1	0
9,734	8,859	7,096	7,018	7,141	6,903	6,284	0	0	1
10,365	9,734	8,859	7,096	7,018	7,141	6,903	0	0	0
14,840	10,365	9,734	8,859	7,096	7,018	7,141	1	0	0
11,409	14,840	10,365	9,734	8,859	7,096	7,018	0	1	0
12,275	11,409	14,840	10,365	9,734	8,859	7,096	0	0	1
13,468	12,275	11,409	14,840	10,365	9,734	8,859	0	0	0
10,581	13,468	12,275	11,409	14,840	10,365	9,734	1	0	0
15,322	10,581	13,468	12,275	11,409	14,840	10,365	0	1	0
15,832	15,322	10,581	13,468	12,275	11,409	14,840	0	0	1
15,920	15,832	15,322	10,581	13,468	12,275	11,409	0	0	0
13,931	15,920	15,832	15,322	10,581	13,468	12,275	1	0	0
13,962	13,931	15,920	15,832	15,322	10,581	13,468	0	1	0

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<u>RESHSL2</u>	<u>RESHSL3</u>	<u>RESHSL4</u>	<u>RESHSL5</u>	<u>RESHSL6</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	SEA1	SEA2	SEA3
15,633	13,962	13,931	15,920	15,832	15,322	10,581	0	0	1
13,631	15,633	13,962	13,931	15,920	15,832	15,322	0	0	0
13,146	13,631	15,633	13,962	13,931	15,920	15,832	1	0	0
15,928	13,146	13,631	15,633	13,962	13,931	15,920	0	1	0
15,330	15,928	13,146	13,631	15,633	13,962	13,931	0	0	1
13,835	15,330	15,928	13,146	13,631	15,633	13,962	0	0	0
13,190	13,835	15,330	15,928	13,146	13,631	15,633	1	0	0
15,289	13,190	13,835	15,330	15,928	13,146	13,631	0	1	0
12,978	15,289	13,190	13,835	15,330	15,928	13,146	0	0	1
11,440	12,978	15,289	13,190	13,835	15,330	15,928	0	0	0
12,882	11,440	12,978	15,289	13,190	13,835	15,330	1	0	0
17,421	12,882	11,440	12,978	15,289	13,190	13,835	0	1	0
16,593	17,421	12,882	11,440	12,978	15,289	13,190	0	0	1
14,766	16,593	17,421	12,882	11,440	12,978	15,289	0	0	0
15,740	14,766	16,593	17,421	12,882	11,440	12,978	1	0	0
15,617	15,740	14,766	16,593	17,421	12,882	11,440	0	1	0
15,253	15,617	15,740	14,766	16,593	17,421	12,882	0	0	1
14,891	15,253	15,617	15,740	14,766	16,593	17,421	0	0	0
11,674	14,891	15,253	15,617	15,740	14,766	16,593	1	0	0
16,919	11,674	14,891	15,253	15,617	15,740	14,766	0	1	0
14,356	16,919	11,674	14,891	15,253	15,617	15,740	0	0	1
12,489	14,356	16,919	11,674	14,891	15,253	15,617	0	0	0
7,918	12,489	14,356	16,919	11,674	14,891	15,253	1	0	0
10,098	7,918	12,489	14,356	16,919	11,674	14,891	0	1	0
9,222	10,098	7,918	12,489	14,356	16,919	11,674	0	0	1
7,320	9,222	10,098	7,918	12,489	14,356	16,919	0	0	0
7,520	7,320	9,222	10,098	7,918	12,489	14,356	1	0	0
7,006	7,520	7,320	9,222	10,098	7,918	12,489	0	1	0
7,631	7,006	7,520	7,320	9,222	10,098	7,918	0	0	1
6,026	7,631	7,006	7,520	7,320	9,222	10,098	0	0	0
4,486	6,026	7,631	7,006	7,520	7,320	9,222	1	0	0
5,206	4,486	6,026	7,631	7,006	7,520	7,320	0	1	0
7,018	5,206	4,486	6,026	7,631	7,006	7,520	0	0	1
4,738	7,018	5,206	4,486	6,026	7,631	7,006	0	0	0
3,262	4,738	7,018	5,206	4,486	6,026	7,631	1	0	0
1,864	3,262	4,738	7,018	5,206	4,486	6,026	0	1	0
4,571	1,864	3,262	4,738	7,018	5,206	4,486	0	0	1
2,026	4,571	1,864	3,262	4,738	7,018	5,206	0	0	0
2,284	2,026	4,571	1,864	3,262	4,738	7,018	1	0	0
4,162	2,284	2,026	4,571	1,864	3,262	4,738	0	1	0
3,271	4,162	2,284	2,026	4,571	1,864	3,262	0	0	1
3,356	3,271	4,162	2,284	2,026	4,571	1,864	0	0	0
2,596	3,356	3,271	4,162	2,284	2,026	4,571	1	0	0

San Diego Gas and Electric Company

<u>RESHSL2</u>	<u>RESHSL3</u>	<u>RESHSL4</u>	<u>RESHSL5</u>	<u>RESHSL6</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	SEA1	SEA2	SEA3
4,011	2,596	3,356	3,271	4,162	2,284	2,026	0	1	0
6,459	4,011	2,596	3,356	3,271	4,162	2,284	0	0	1
5,162	6,459	4,011	2,596	3,356	3,271	4,162	0	0	0
5,466	5,162	6,459	4,011	2,596	3,356	3,271	1	0	0
3,686	5,466	5,162	6,459	4,011	2,596	3,356	0	1	0
6,264	3,686	5,466	5,162	6,459	4,011	2,596	0	0	1
6,428	6,264	3,686	5,466	5,162	6,459	4,011	0	0	0
4,404	6,428	6,264	3,686	5,466	5,162	6,459	1	0	0
6,063	4,404	6,428	6,264	3,686	5,466	5,162	0	1	0
7,785	6,063	4,404	6,428	6,264	3,686	5,466	0	0	1
5,665	7,785	6,063	4,404	6,428	6,264	3,686	0	0	0
9,877	5,665	7,785	6,063	4,404	6,428	6,264	1	0	0
8,199	9,877	5,665	7,785	6,063	4,404	6,428	0	1	0
6,978	8,199	9,877	5,665	7,785	6,063	4,404	0	0	1
7,943	6,978	8,199	9,877	5,665	7,785	6,063	0	0	0
6,537	7,943	6,978	8,199	9,877	5,665	7,785	1	0	0
6,618	6,537	7,943	6,978	8,199	9,877	5,665	0	1	0
10,547	6,618	6,537	7,943	6,978	8,199	9,877	0	0	1
8,459	10,547	6,618	6,537	7,943	6,978	8,199	0	0	0
8,567	8,459	10,547	6,618	6,537	7,943	6,978	1	0	0
9,516	8,567	8,459	10,547	6,618	6,537	7,943	0	1	0
9,876	9,516	8,567	8,459	10,547	6,618	6,537	0	0	1
9,103	9,876	9,516	8,567	8,459	10,547	6,618	0	0	0
10,334	9,103	9,876	9,516	8,567	8,459	10,547	1	0	0
10,860	10,334	9,103	9,876	9,516	8,567	8,459	0	1	0
12,269	10,860	10,334	9,103	9,876	9,516	8,567	0	0	1
12,402	12,269	10,860	10,334	9,103	9,876	9,516	0	0	0
12,652	12,402	12,269	10,860	10,334	9,103	9,876	1	0	0
12,624	12,652	12,402	12,269	10,860	10,334	9,103	0	1	0
12,575	12,624	12,652	12,402	12,269	10,860	10,334	0	0	1
12,575	12,575	12,624	12,652	12,402	12,269	10,860	0	0	0
12,897	12,575	12,575	12,624	12,652	12,402	12,269	1	0	0
12,994	12,897	12,575	12,575	12,624	12,652	12,402	0	1	0
13,242	12,994	12,897	12,575	12,575	12,624	12,652	0	0	1
13,378	13,242	12,994	12,897	12,575	12,575	12,624	0	0	0
13,486	13,378	13,242	12,994	12,897	12,575	12,575	1	0	0
13,616	13,486	13,378	13,242	12,994	12,897	12,575	0	1	0
13,744	13,616	13,486	13,378	13,242	12,994	12,897	0	0	1
13,945	13,744	13,616	13,486	13,378	13,242	12,994	0	0	0
14,040	13,945	13,744	13,616	13,486	13,378	13,242	1	0	0
14,172	14,040	13,945	13,744	13,616	13,486	13,378	0	1	0
14,325	14,172	14,040	13,945	13,744	13,616	13,486	0	0	1
14,450	14,325	14,172	14,040	13,945	13,744	13,616	0	0	0



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<u>RESHSL2</u>	<u>RESHSL3</u>	<u>RESHSL4</u>	<u>RESHSL5</u>	<u>RESHSL6</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	SEA1	SEA2	SEA3
14,441	14,450	14,325	14,172	14,040	13,945	13,744	1	0	0
14,383	14,441	14,450	14,325	14,172	14,040	13,945	0	1	0
14,398	14,383	14,441	14,450	14,325	14,172	14,040	0	0	1
14,445	14,398	14,383	14,441	14,450	14,325	14,172	0	0	0
14,424	14,445	14,398	14,383	14,441	14,450	14,325	1	0	0
14,465	14,424	14,445	14,398	14,383	14,441	14,450	0	1	0
14,466	14,465	14,424	14,445	14,398	14,383	14,441	0	0	1
14,395	14,466	14,465	14,424	14,445	14,398	14,383	0	0	0
14,315	14,395	14,466	14,465	14,424	14,445	14,398	1	0	0
14,359	14,315	14,395	14,466	14,465	14,424	14,445	0	1	0
14,390	14,359	14,315	14,395	14,466	14,465	14,424	0	0	1
14,431	14,390	14,359	14,315	14,395	14,466	14,465	0	0	0
14,434	14,431	14,390	14,359	14,315	14,395	14,466	1	0	0
14,446	14,434	14,431	14,390	14,359	14,315	14,395	0	1	0
14,492	14,446	14,434	14,431	14,390	14,359	14,315	0	0	1
14,469	14,492	14,446	14,434	14,431	14,390	14,359	0	0	0
14,564	14,469	14,492	14,446	14,434	14,431	14,390	1	0	0
14,528	14,564	14,469	14,492	14,446	14,434	14,431	0	1	0
14,561	14,528	14,564	14,469	14,492	14,446	14,434	0	0	1
14,576	14,561	14,528	14,564	14,469	14,492	14,446	0	0	0
14,546	14,576	14,561	14,528	14,564	14,469	14,492	1	0	0
14,546	14,546	14,576	14,561	14,528	14,564	14,469	0	1	0
14,464	14,546	14,546	14,576	14,561	14,528	14,564	0	0	1
14,414	14,464	14,546	14,546	14,576	14,561	14,528	0	0	0
14,314	14,414	14,464	14,546	14,546	14,576	14,561	1	0	0
14,327	14,314	14,414	14,464	14,546	14,546	14,576	0	1	0
14,276	14,327	14,314	14,414	14,464	14,546	14,546	0	0	1
14,231	14,276	14,327	14,314	14,414	14,464	14,546	0	0	0
14,225	14,231	14,276	14,327	14,314	14,414	14,464	1	0	0
14,271	14,225	14,231	14,276	14,327	14,314	14,414	0	1	0
14,353	14,271	14,225	14,231	14,276	14,327	14,314	0	0	1
14,427	14,353	14,271	14,225	14,231	14,276	14,327	0	0	0
14,474	14,427	14,353	14,271	14,225	14,231	14,276	1	0	0
14,546	14,474	14,427	14,353	14,271	14,225	14,231	0	1	0
14,766	14,546	14,474	14,427	14,353	14,271	14,225	0	0	1
14,706	14,766	14,546	14,474	14,427	14,353	14,271	0	0	0
14,797	14,706	14,766	14,546	14,474	14,427	14,353	1	0	0
14,848	14,797	14,706	14,766	14,546	14,474	14,427	0	1	0
14,858	14,848	14,797	14,706	14,766	14,546	14,474	0	0	1
14,858	14,858	14,848	14,797	14,706	14,766	14,546	0	0	0
14,902	14,858	14,858	14,848	14,797	14,706	14,766	1	0	0
15,050	14,902	14,858	14,858	14,848	14,797	14,706	0	1	0
15,060	15,050	14,902	14,858	14,858	14,848	14,797	0	0	1

San Diego Gas and Electric Company

<u>RESHSL2</u>	<u>RESHSL3</u>	<u>RESHSL4</u>	<u>RESHSL5</u>	<u>RESHSL6</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	SEA1	SEA2	SEA3
15,054	15,060	15,050	14,902	14,858	14,858	14,848	0	0	0
15,178	15,054	15,060	15,050	14,902	14,858	14,858	1	0	0
15,359	15,178	15,054	15,060	15,050	14,902	14,858	0	1	0
15,502	15,359	15,178	15,054	15,060	15,050	14,902	0	0	1
15,574	15,502	15,359	15,178	15,054	15,060	15,050	0	0	0
15,726	15,574	15,502	15,359	15,178	15,054	15,060	1	0	0
15,920	15,726	15,574	15,502	15,359	15,178	15,054	0	1	0
15,922	15,920	15,726	15,574	15,502	15,359	15,178	0	0	1
16,137	15,922	15,920	15,726	15,574	15,502	15,359	0	0	0
16,246	16,137	15,922	15,920	15,726	15,574	15,502	1	0	0
16,465	16,246	16,137	15,922	15,920	15,726	15,574	0	1	0
16,424	16,465	16,246	16,137	15,922	15,920	15,726	0	0	1
16,547	16,424	16,465	16,246	16,137	15,922	15,920	0	0	0
16,638	16,547	16,424	16,465	16,246	16,137	15,922	1	0	0
16,715	16,638	16,547	16,424	16,465	16,246	16,137	0	1	0
16,551	16,715	16,638	16,547	16,424	16,465	16,246	0	0	1
16,610	16,551	16,715	16,638	16,547	16,424	16,465	0	0	0
16,665	16,610	16,551	16,715	16,638	16,547	16,424	1	0	0
16,668	16,665	16,610	16,551	16,715	16,638	16,547	0	1	0
16,735	16,668	16,665	16,610	16,551	16,715	16,638	0	0	1
16,762	16,735	16,668	16,665	16,610	16,551	16,715	0	0	0
16,758	16,762	16,735	16,668	16,665	16,610	16,551	1	0	0
16,669	16,758	16,762	16,735	16,668	16,665	16,610	0	1	0
16,725	16,669	16,758	16,762	16,735	16,668	16,665	0	0	1
16,699	16,725	16,669	16,758	16,762	16,735	16,668	0	0	0
16,699	16,699	16,725	16,669	16,758	16,762	16,735	1	0	0
16,564	16,699	16,699	16,725	16,669	16,758	16,762	0	1	0
16,621	16,564	16,699	16,699	16,725	16,669	16,758	0	0	1
16,583	16,621	16,564	16,699	16,699	16,725	16,669	0	0	0
16,612	16,583	16,621	16,564	16,699	16,699	16,725	1	0	0
16,477	16,612	16,583	16,621	16,564	16,699	16,699	0	1	0
16,606	16,477	16,612	16,583	16,621	16,564	16,699	0	0	1
16,673	16,606	16,477	16,612	16,583	16,621	16,564	0	0	0
16,731	16,673	16,606	16,477	16,612	16,583	16,621	1	0	0
16,578	16,731	16,673	16,606	16,477	16,612	16,583	0	1	0
16,696	16,578	16,731	16,673	16,606	16,477	16,612	0	0	1

San Diego Gas and Electric Company

SEA4	<u>CICust</u>	<u>CICustL1</u>	<u>CICustL2</u>	<u>CICustL3</u>	<u>CICustL4</u>	<u>CICustL5</u>	<u>CICustL6</u>	<u>CICustL7</u>	<u>CICustL7</u>
1	27557	27203	27175	27269	27301	26923	26939	27140	27176
0	27569.7	27557	27203	27175	27269	27301	26923	26939	27140
0	27470	27569.7	27557	27203	27175	27269	27301	26923	26939
0	27517.7	27470	27569.7	27557	27203	27175	27269	27301	26923
1	27743.3	27517.7	27470	27569.7	27557	27203	27175	27269	27301
0	27694.3	27743.3	27517.7	27470	27569.7	27557	27203	27175	27269
0	27592.7	27694.3	27743.3	27517.7	27470	27569.7	27557	27203	27175
0	27556.7	27592.7	27694.3	27743.3	27517.7	27470	27569.7	27557	27203
1	27704.3	27556.7	27592.7	27694.3	27743.3	27517.7	27470	27569.7	27557
0	27618	27704.3	27556.7	27592.7	27694.3	27743.3	27517.7	27470	27569.7
0	27430	27618	27704.3	27556.7	27592.7	27694.3	27743.3	27517.7	27470
0	27403	27430	27618	27704.3	27556.7	27592.7	27694.3	27743.3	27517.7
1	27638.7	27403	27430	27618	27704.3	27556.7	27592.7	27694.3	27743.3
0	27519.3	27638.7	27403	27430	27618	27704.3	27556.7	27592.7	27694.3
0	27305	27519.3	27638.7	27403	27430	27618	27704.3	27556.7	27592.7
0	27241.3	27305	27519.3	27638.7	27403	27430	27618	27704.3	27556.7
1	27456.7	27241.3	27305	27519.3	27638.7	27403	27430	27618	27704.3
0	27393.7	27456.7	27241.3	27305	27519.3	27638.7	27403	27430	27618
0	27195.7	27393.7	27456.7	27241.3	27305	27519.3	27638.7	27403	27430
0	27188.3	27195.7	27393.7	27456.7	27241.3	27305	27519.3	27638.7	27403
1	27313.3	27188.3	27195.7	27393.7	27456.7	27241.3	27305	27519.3	27638.7
0	27211	27313.3	27188.3	27195.7	27393.7	27456.7	27241.3	27305	27519.3
0	27086.7	27211	27313.3	27188.3	27195.7	27393.7	27456.7	27241.3	27305
0	26977.3	27086.7	27211	27313.3	27188.3	27195.7	27393.7	27456.7	27241.3
1	27189	26977.3	27086.7	27211	27313.3	27188.3	27195.7	27393.7	27456.7
0	27165.7	27189	26977.3	27086.7	27211	27313.3	27188.3	27195.7	27393.7
0	27061.3	27165.7	27189	26977.3	27086.7	27211	27313.3	27188.3	27195.7
0	27074.3	27061.3	27165.7	27189	26977.3	27086.7	27211	27313.3	27188.3
1	27315.3	27074.3	27061.3	27165.7	27189	26977.3	27086.7	27211	27313.3
0	27330	27315.3	27074.3	27061.3	27165.7	27189	26977.3	27086.7	27211
0	27270.8	27330	27315.3	27074.3	27061.3	27165.7	27189	26977.3	27086.7
0	27311.6	27270.8	27330	27315.3	27074.3	27061.3	27165.7	27189	26977.3
1	27549.5	27311.6	27270.8	27330	27315.3	27074.3	27061.3	27165.7	27189
0	27529.7	27549.5	27311.6	27270.8	27330	27315.3	27074.3	27061.3	27165.7
0	27470	27529.7	27549.5	27311.6	27270.8	27330	27315.3	27074.3	27061.3
0	27511.3	27470	27529.7	27549.5	27311.6	27270.8	27330	27315.3	27074.3
1	27762	27511.3	27470	27529.7	27549.5	27311.6	27270.8	27330	27315.3
0	27910	27762	27511.3	27470	27529.7	27549.5	27311.6	27270.8	27330
0	27942.7	27910	27762	27511.3	27470	27529.7	27549.5	27311.6	27270.8
0	28037.7	27942.7	27910	27762	27511.3	27470	27529.7	27549.5	27311.6
1	28311.7	28037.7	27942.7	27910	27762	27511.3	27470	27529.7	27549.5
0	28462	28311.7	28037.7	27942.7	27910	27762	27511.3	27470	27529.7
0	28451.7	28462	28311.7	28037.7	27942.7	27910	27762	27511.3	27470

San Diego Gas and Electric Company

SEA4	<u>CICust</u>	<u>CICustL1</u>	<u>CICustL2</u>	<u>CICustL3</u>	<u>CICustL4</u>	<u>CICustL5</u>	<u>CICustL6</u>	<u>CICustL7</u>	<u>CICustL7</u>
0	28578.7	28451.7	28462	28311.7	28037.7	27942.7	27910	27762	27511.3
1	28777.3	28578.7	28451.7	28462	28311.7	28037.7	27942.7	27910	27762
0	28754	28777.3	28578.7	28451.7	28462	28311.7	28037.7	27942.7	27910
0	28764.7	28754	28777.3	28578.7	28451.7	28462	28311.7	28037.7	27942.7
0	28855	28764.7	28754	28777.3	28578.7	28451.7	28462	28311.7	28037.7
1	29006	28855	28764.7	28754	28777.3	28578.7	28451.7	28462	28311.7
0	29053.7	29006	28855	28764.7	28754	28777.3	28578.7	28451.7	28462
0	29090.3	29053.7	29006	28855	28764.7	28754	28777.3	28578.7	28451.7
0	29196.3	29090.3	29053.7	29006	28855	28764.7	28754	28777.3	28578.7
1	29319	29196.3	29090.3	29053.7	29006	28855	28764.7	28754	28777.3
0	29318.7	29319	29196.3	29090.3	29053.7	29006	28855	28764.7	28754
0	29308.7	29318.7	29319	29196.3	29090.3	29053.7	29006	28855	28764.7
0	29380.7	29308.7	29318.7	29319	29196.3	29090.3	29053.7	29006	28855
1	29522.7	29380.7	29308.7	29318.7	29319	29196.3	29090.3	29053.7	29006
0	29568.7	29522.7	29380.7	29308.7	29318.7	29319	29196.3	29090.3	29053.7
0	29476.7	29568.7	29522.7	29380.7	29308.7	29318.7	29319	29196.3	29090.3
0	29471	29476.7	29568.7	29522.7	29380.7	29308.7	29318.7	29319	29196.3
1	29582.7	29471	29476.7	29568.7	29522.7	29380.7	29308.7	29318.7	29319
0	29573	29582.7	29471	29476.7	29568.7	29522.7	29380.7	29308.7	29318.7
0	29557.7	29573	29582.7	29471	29476.7	29568.7	29522.7	29380.7	29308.7
0	29563.3	29557.7	29573	29582.7	29471	29476.7	29568.7	29522.7	29380.7
1	29638.7	29563.3	29557.7	29573	29582.7	29471	29476.7	29568.7	29522.7
0	29684.3	29638.7	29563.3	29557.7	29573	29582.7	29471	29476.7	29568.7
0	29619.7	29684.3	29638.7	29563.3	29557.7	29573	29582.7	29471	29476.7
0	29636	29619.7	29684.3	29638.7	29563.3	29557.7	29573	29582.7	29471
1	29812.3	29636	29619.7	29684.3	29638.7	29563.3	29557.7	29573	29582.7
0	29905	29812.3	29636	29619.7	29684.3	29638.7	29563.3	29557.7	29573
0	29926	29905	29812.3	29636	29619.7	29684.3	29638.7	29563.3	29557.7
0	30022.7	29926	29905	29812.3	29636	29619.7	29684.3	29638.7	29563.3
1	30150.3	30022.7	29926	29905	29812.3	29636	29619.7	29684.3	29638.7
0	30243.3	30150.3	30022.7	29926	29905	29812.3	29636	29619.7	29684.3
0	30227.3	30243.3	30150.3	30022.7	29926	29905	29812.3	29636	29619.7
0	30221.7	30227.3	30243.3	30150.3	30022.7	29926	29905	29812.3	29636
1	30248.3	30221.7	30227.3	30243.3	30150.3	30022.7	29926	29905	29812.3
0	30178.3	30248.3	30221.7	30227.3	30243.3	30150.3	30022.7	29926	29905
0	30145	30178.3	30248.3	30221.7	30227.3	30243.3	30150.3	30022.7	29926
0	30139.3	30145	30178.3	30248.3	30221.7	30227.3	30243.3	30150.3	30022.7
1	30135.3	30139.3	30145	30178.3	30248.3	30221.7	30227.3	30243.3	30150.3
0	30208	30135.3	30139.3	30145	30178.3	30248.3	30221.7	30227.3	30243.3
0	30269.3	30208	30135.3	30139.3	30145	30178.3	30248.3	30221.7	30227.3
0	30216	30269.3	30208	30135.3	30139.3	30145	30178.3	30248.3	30221.7
1	30193	30216	30269.3	30208	30135.3	30139.3	30145	30178.3	30248.3
0	30189	30193	30216	30269.3	30208	30135.3	30139.3	30145	30178.3

San Diego Gas and Electric Company

SEA4	<u>CICust</u>	<u>CICustL1</u>	<u>CICustL2</u>	<u>CICustL3</u>	<u>CICustL4</u>	<u>CICustL5</u>	<u>CICustL6</u>	<u>CICustL7</u>	<u>CICustL7</u>
0	30170.3	30189	30193	30216	30269.3	30208	30135.3	30139.3	30145
0	30133	30170.3	30189	30193	30216	30269.3	30208	30135.3	30139.3
1	30173	30133	30170.3	30189	30193	30216	30269.3	30208	30135.3
0	30192	30173	30133	30170.3	30189	30193	30216	30269.3	30208
0	30142	30192	30173	30133	30170.3	30189	30193	30216	30269.3
0	30086	30142	30192	30173	30133	30170.3	30189	30193	30216
1	30116	30086	30142	30192	30173	30133	30170.3	30189	30193
0	30095	30116	30086	30142	30192	30173	30133	30170.3	30189
0	30038	30095	30116	30086	30142	30192	30173	30133	30170.3
0	30058	30038	30095	30116	30086	30142	30192	30173	30133
1	30109.7	30058	30038	30095	30116	30086	30142	30192	30173
0	30088.3	30109.7	30058	30038	30095	30116	30086	30142	30192
0	30028.3	30088.3	30109.7	30058	30038	30095	30116	30086	30142
0	30013	30028.3	30088.3	30109.7	30058	30038	30095	30116	30086
1	30043	30013	30028.3	30088.3	30109.7	30058	30038	30095	30116
0	30048.7	30043	30013	30028.3	30088.3	30109.7	30058	30038	30095
0	30025.7	30048.7	30043	30013	30028.3	30088.3	30109.7	30058	30038
0	30022.7	30025.7	30048.7	30043	30013	30028.3	30088.3	30109.7	30058
1	30071	30022.7	30025.7	30048.7	30043	30013	30028.3	30088.3	30109.7
0	30056	30071	30022.7	30025.7	30048.7	30043	30013	30028.3	30088.3
0	30072	30056	30071	30022.7	30025.7	30048.7	30043	30013	30028.3
0	30082	30072	30056	30071	30022.7	30025.7	30048.7	30043	30013
1.	.	30082	30072	30056	30071	30022.7	30025.7	30048.7	30043
0.	.	.	30082	30072	30056	30071	30022.7	30025.7	30048.7
0.	.	.	.	30082	30072	30056	30071	30022.7	30025.7
0.	.	.	.	.	30082	30072	30056	30071	30022.7
1.	.	.	.	.	.	30082	30072	30056	30071
0.	.	.	.	.	.	.	30082	30072	30056
0.	.	.	.	.	.	.	.	30082	30072
0.	.	.	.	.	.	.	.	.	30082
1.	.	.	.	.	.	.	.	.	.
0.	.	.	.	.	.	.	.	.	.
0.	.	.	.	.	.	.	.	.	.
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San Diego Gas and Electric Company

SEA4	<u>CICust</u>	<u>CICustL1</u>	<u>CICustL2</u>	<u>CICustL3</u>	<u>CICustL4</u>	<u>CICustL5</u>	<u>CICustL6</u>	<u>CICustL7</u>	<u>CICustL7</u>
	1.	.							
	0.	.							
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	0.	.							

San Diego Gas and Electric Company

<u>CIcustL8</u>	<u>LgCIcust</u>	<u>LgCIcuL1</u>	<u>CIEmp</u>
<b>26785</b>	10.224	10.2111	976600
<b>27176</b>	10.2245	10.224	990500
<b>27140</b>	10.2208	10.2245	989100
<b>26939</b>	10.2226	10.2208	998600
<b>26923</b>	10.2307	10.2226	986700
<b>27301</b>	10.229	10.2307	993000
<b>27269</b>	10.2253	10.229	985100
<b>27175</b>	10.224	10.2253	985833
<b>27203</b>	10.2293	10.224	968633
<b>27557</b>	10.2262	10.2293	979467
<b>27569.7</b>	10.2194	10.2262	970000
<b>27470</b>	10.2184	10.2194	975100
<b>27517.7</b>	10.227	10.2184	963700
<b>27743.3</b>	10.2226	10.227	972333
<b>27694.3</b>	10.2148	10.2226	969333
<b>27592.7</b>	10.2125	10.2148	977833
<b>27556.7</b>	10.2204	10.2125	964633
<b>27704.3</b>	10.2181	10.2204	976633
<b>27618</b>	10.2108	10.2181	976567
<b>27430</b>	10.2105	10.2108	987133
<b>27403</b>	10.2151	10.2105	977667
<b>27638.7</b>	10.2114	10.2151	999433
<b>27519.3</b>	10.2068	10.2114	1003500
<b>27305</b>	10.2027	10.2068	1016667
<b>27241.3</b>	10.2106	10.2027	1007133
<b>27456.7</b>	10.2097	10.2106	1027533
<b>27393.7</b>	10.2058	10.2097	1028333
<b>27195.7</b>	10.2063	10.2058	1042967
<b>27188.3</b>	10.2152	10.2063	1045000
<b>27313.3</b>	10.2157	10.2152	1073333
<b>27211</b>	10.2136	10.2157	1081367
<b>27086.7</b>	10.2151	10.2136	1096433
<b>26977.3</b>	10.2237	10.2151	1094867
<b>27189</b>	10.223	10.2237	1123567
<b>27165.7</b>	10.2208	10.223	1131033
<b>27061.3</b>	10.2223	10.2208	1153600
<b>27074.3</b>	10.2314	10.2223	1145100
<b>27315.3</b>	10.2367	10.2314	1171500
<b>27330</b>	10.2379	10.2367	1172500
<b>27270.8</b>	10.2413	10.2379	1195667
<b>27311.6</b>	10.251	10.2413	1190467
<b>27549.5</b>	10.2563	10.251	1213100
<b>27529.7</b>	10.256	10.2563	1209033



San Diego Gas and Electric Company

<u>CI</u> CustL8	<u>Lq</u> CI	<u>Lq</u> CI	<u>CI</u> Emp
<b>27470</b>	10.2604	10.256	1233033
<b>27511.3</b>	10.2673	10.2604	1222700
<b>27762</b>	10.2665	10.2673	1242467
<b>27910</b>	10.2669	10.2665	1231967
<b>27942.7</b>	10.27	10.2669	1247600
<b>28037.7</b>	10.2753	10.27	1232700
<b>28311.7</b>	10.2769	10.2753	1255600
<b>28462</b>	10.2781	10.2769	1242667
<b>28451.7</b>	10.2818	10.2781	1263867
<b>28578.7</b>	10.286	10.2818	1245567
<b>28777.3</b>	10.286	10.286	1262433
<b>28754</b>	10.2856	10.286	1259567
<b>28764.7</b>	10.2881	10.2856	1275433
<b>28855</b>	10.2929	10.2881	1262500
<b>29006</b>	10.2945	10.2929	1283500
<b>29053.7</b>	10.2914	10.2945	1283333
<b>29090.3</b>	10.2912	10.2914	1300267
<b>29196.3</b>	10.295	10.2912	1286067
<b>29319</b>	10.2946	10.295	1309167
<b>29318.7</b>	10.2941	10.2946	1306533
<b>29308.7</b>	10.2943	10.2941	1319367
<b>29380.7</b>	10.2968	10.2943	1309900
<b>29522.7</b>	10.2984	10.2968	1328433
<b>29568.7</b>	10.2962	10.2984	1326933
<b>29476.7</b>	10.2967	10.2962	1339167
<b>29471</b>	10.3027	10.2967	1321667
<b>29582.7</b>	10.3058	10.3027	1337533
<b>29573</b>	10.3065	10.3058	1337167
<b>29557.7</b>	10.3097	10.3065	1342333
<b>29563.3</b>	10.3139	10.3097	1324667
<b>29638.7</b>	10.317	10.3139	1335833
<b>29684.3</b>	10.3165	10.317	1326433
<b>29619.7</b>	10.3163	10.3165	1320400
<b>29636</b>	10.3172	10.3163	1276600
<b>29812.3</b>	10.3149	10.3172	1268567
<b>29905</b>	10.3138	10.3149	1243133
<b>29926</b>	10.3136	10.3138	1254867
<b>30022.7</b>	10.3134	10.3136	1233133
<b>30150.3</b>	10.3159	10.3134	1259700
<b>30243.3</b>	10.3179	10.3159	1253800
<b>30227.3</b>	10.3161	10.3179	1263500
<b>30221.7</b>	10.3154	10.3161	1251633
<b>30248.3</b>	10.3152	10.3154	1263067

San Diego Gas and Electric Company

<u>CI</u> CustL8	<u>Lg</u> CI	<u>Lg</u> CI	<u>CI</u> Emp
30178.3	10.3146	10.3152	1258133
30145	10.3133	10.3146	1274467
30139.3		10.3133	1264233
30135.3			1299267
30208			1296567
30269.3			1317233
30216			1307033
30193			1326867
30189			1325333
30170.3			1350667
30133			1334333
30173			1353733
30192			1355733
30142			1379700
30086			1371156
30116			1391085
30095			1401154
30038			1419188
30058			1406251
30109.7			1426745
30088.3			1428711
30028.3			1447175
30013			1433879
30043			1449657
30048.7			1449768
30025.7			1471632
30022.7			1458967
30071			1475254
30056			1474269
30072			1495449
30082			1481346
.			1496828
.			1494153
.			1514607
.			1498646
.			1515477
.			1510393
.			1529612
.			1512910
.			1526986
.			1523223
.			1543627
.			1527643

San Diego Gas and Electric Company

<u>CI</u> CustL8	<u>Lg</u> CI	<u>Lg</u> CI	<u>CI</u> Emp
.	.	.	1542072
.	.	.	1538650
.	.	.	1559617
.	.	.	1543638
.	.	.	1558221
.	.	.	1554749
.	.	.	1575589
.	.	.	1559056
.	.	.	1573298
.	.	.	1569221
.	.	.	1589991
.	.	.	1573164
.	.	.	1587255
.	.	.	1582800
.	.	.	1603711
.	.	.	1586006
.	.	.	1599994
.	.	.	1595356
.	.	.	1616840
.	.	.	1599276
.	.	.	1613458
.	.	.	1608640
.	.	.	1630139
.	.	.	1612478
.	.	.	1626807
.	.	.	1621636
.	.	.	1643324
.	.	.	1624988
.	.	.	1639089
.	.	.	1633638
.	.	.	1655045
.	.	.	1636565
.	.	.	1654076
.	.	.	1646574
.	.	.	1667188
.	.	.	1649256
.	.	.	1664029
.	.	.	1658522
.	.	.	1680649
.	.	.	1662124
.	.	.	1676547
.	.	.	1670877
.	.	.	1692960

San Diego Gas and Electric Company

<u>CI</u> CustL8	<u>Lg</u> CI	<u>Lg</u> CI	<u>CI</u> Emp
.	.	.	1674257
.	.	.	1688866
.	.	.	1683177
.	.	.	1705831
.	.	.	1686890
.	.	.	1701471
.	.	.	1695560
.	.	.	1718250
.	.	.	1699502
.	.	.	1714158
.	.	.	1708371
.	.	.	1731338
.	.	.	1712538
.	.	.	1727490
.	.	.	1721753
.	.	.	1744986
.	.	.	1725559
.	.	.	1740459
.	.	.	1734644
.	.	.	1758030
.	.	.	1738192
.	.	.	1753039
.	.	.	1747328
.	.	.	1770797
.	.	.	1750878
.	.	.	1765957
.	.	.	1760022
.	.	.	1783480
.	.	.	1763703
.	.	.	1782515
.	.	.	1774608
.	.	.	1797469
.	.	.	1777770
.	.	.	1793398
.	.	.	1787453
.	.	.	1811816

Rose-Marie Payan

Customer/Meter Forecast

San Diego Gas and Electric Company

2019 General Rate Case

## San Diego Gas and Electric Customer Forecast Models

SDG&E uses econometric models to produce its customer/meter forecasts. Housing starts are the primary driver in the residential meter forecast. The commercial and industrial (manufacturing and Mining) sector meter growth is explained by employment growth in SDG&E' service area. The customer growth estimation was performed using the "Proc Autoreg" method from Statistical Analysis System (SAS). The historical quarterly data covers the period that spans the 1990Q1 to 2016Q4 period.

### SAN DIEGO GAS AND ELECTRIC COMPANY: METER MODEL VARIABLE DEFINITIONS:

CICust	Commercial and Industrial Customers
CICustL1	Commercial and Industrial Customers Lagged 1quarter
CICustL2	Commercial and Industrial Customers Lagged 2 quarters
CICustL3	Commercial and Industrial Customers Lagged 3 quarters
CICustL4	Commercial and Industrial Customers Lagged 4 quarters
CICustL5	Commercial and Industrial Customers Lagged 5 quarters
CICustL6	Commercial and Industrial Customers Lagged 6 quarters
CICustL7	Commercial and Industrial Customers Lagged 7 quarters
CICustL8	Commercial and Industrial Custeromers Lagged 8 quarters
CIEmp	Commercial and Industrial Employment
DLG	$(RESHSL1 + RESHSL2)/2$
DTE	Date
DResunit	Change in Residential Units
EMPL1	Commercial and Industrial Employment Lagged 1 quarter
EMPL2	Commercial and Industrial Employment Lagged 2 quarters
EMPL3	Commercial and Industrial Employment Lagged 3 quarters
EMPL4	Commercial and Industrial Employment Lagged 4 quarters
LgEmpL1	Log of Commercial and Industrial Employment, Lagged 1 Quarter
LgEmpL2	Log of Commercial and Industrial Employment, Lagged 2 Quarters
LgEmpL3	Log of Commercial and Industrial Employment, Lagged 3 Quarters
LgCICust	Log of Commercial and Industrial Customers
LgCICuL1	Log of Commercial and Industrial Customers Lagged 1 quarter
QUARTER	Quarter
ResUnit	Total Residential Dwelling Units with Gas Service
ResUnitL	Total Residential Dwelling Units Lagged 1 quarter
RESHS	Residential Housing Starts
RESHSL1	Residential Housing Starts Lagged 1 quarter
RESHSL2	Residential Housing Starts Lagged 2 quarters
RESHSL3	Residential Housing Starts Lagged 3 quarters
RESHSL4	Residential Housing Starts Lagged 4 quarters
RESHSL5	Residential Housing Starts Lagged 5 quarters

RESHSL6 Residential Housing Starts Lagged 6 quarters  
RESHSL7 Residential Housing Starts Lagged 7 quarters  
RESHSL8 Residential Housing Starts Lagged 8 quarters  
SEA1 Season 1 = 1 if Quarter includes April, May, June; = 0 Otherwise  
SEA2 Season 2 = 1 if Quarter includes July, August, September; = 0 Otherwise  
SEA3 Season 3 = 1 if Quarter includes October, November, December;  
= 0 Otherwise  
SEA4 Season 4 = 1 if Quarter includes January, February, March; = 0 Otherwise

1) Residential Meter: RESUnit (1990Q1 to 2016Q4)

$$\text{Diff (RESUnit)} = 590.7 + 0.1897 * \text{DLG}$$

(3.63)            (12.86)

$$- 561.2 * \text{SEA1} - 623.7 * \text{SEA2}$$

(-3.50)            (-3.94)

$$+ 4008 * \text{DUM0604} + 2536 * \text{DUM0702}$$

(6.96)            (4.47)

$$-2251 * \text{DUM0802}$$

(-3.85)

\* t-value is in the parenthesis.

SSE	35284502.5	DFE	99
MSE	356409	Root MSE	597
Total Rsq	.7715	Durbin-Watson	1.6876



(2) Commercial & Industrial Meter: CICUST (1990Q1 to 2016Q4)

$$\begin{aligned} \text{Ln (CICUST)} = & 6.2217 + 0.1456 * \text{Lg (EMPL1 (t -1))} + 0.1439 * \text{LgEmpl3 (t-3)} \\ & (28.19) \qquad \qquad (2.43) \qquad \qquad \qquad (2.48) \\ & + 0.003877 * \text{SEA1} \\ & \qquad \qquad \qquad (5.17) \end{aligned}$$

\*t-value is in the parenthesis.

SSE	.0016848	DFE	99
MSE	.0000170	Root MSE	.00413
Total R-Square	.9905	Durbin-Watson	.8988

# FORECAST

**SAN DIEGO GAS and ELECTRIC COMPANY: CUSTOMER FORECAST**  
**(Annual Averages)**  
**GENERAL RATE CASE 2019**

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
<b>Residential</b>	739,874	753,182	765,256	775,938	788,196	798,253	805,013	808,545	812,174	817,006	821,874	826,523	831,840	834,942	840,065	845,289
<b>Core C/I</b>	28,735	29,036	29,277	29,454	29,513	29,588	29,860	30,158	30,123	30,150	30,114	30,083	30,028	30,011	29,996	30,018
<b>NGV</b>	190	194	212	252	276	114	28	29	26	27	29	24	25	25	25	25
<b>Non-Core C/I</b>	53	51	54	55	56	56	57	53	55	58	57	58	52	50	48	50
<b>Electric Generation</b>	60	67	66	71	75	77	71	68	64	65	61	64	66	66	69	80
<b>TOTAL</b>	768,912	782,530	794,866	805,771	818,117	828,088	835,029	838,853	842,442	847,305	852,135	856,752	862,010	865,093	870,203	875,462
Customer Growth	12,698	13,618	12,336	10,905	12,346	9,972	6,941	3,824	3,589	4,863	4,830	4,618	5,258	3,083	5,109	5,260
Customer Growth Rate	1.68%	1.77%	1.58%	1.37%	1.53%	1.22%	0.84%	0.46%	0.43%	0.58%	0.57%	0.54%	0.61%	0.36%	0.59%	0.6044%

\*actuals through 2016 / \*forecast begins 2017

**'SAN DIEGO GAS and ELECTRIC COMPANY: CUSTOMER FORECAST**  
**(Annual Averages)**  
**GENERAL RATE CASE 2019**

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
	849,856	855,820	861,541	867,507	874,002	880,694	887,384	894,075	900,786	907,543	914,320	921,004	927,619
	30,277	30,527	30,712	30,844	30,940	31,027	31,121	31,213	31,295	31,371	31,446	31,521	31,593
	26	26	27	27	28	28	29	29	30	30	36	37	38
	45	48	50	51	51	51	51	51	51	52	52	52	52
	86	88	90	93	96	99	102	105	108	111	114	117	120
	880,289	886,510	892,419	898,521	905,116	911,898	918,687	925,472	932,270	939,106	945,968	952,730	959,421
	4,827	6,221	5,909	6,102	6,595	6,782	6,789	6,785	6,797	6,836	6,862	6,763	6,691
	0.551%	0.71%	0.67%	0.68%	0.73%	0.75%	0.74%	0.74%	0.73%	0.73%	0.73%	0.71%	0.70%

\*actuals through 2016 / \*forecast begins 2017

**'SAN DIEGO GAS and ELECTRIC COMPANY: CUSTOMER FORECAST**  
**(Annual Averages)**  
**GENERAL RATE CASE 2019**

<b>2030</b>	<b>2031</b>	<b>2032</b>	<b>2033</b>	<b>2034</b>	<b>2035</b>	<b>2036</b>	<b>2037</b>	<b>2038</b>	<b>2039</b>	<b>2040</b>
934,350	941,255	948,260	955,423	962,877	970,642	978,633	986,677	994,767	1,002,824	1,010,830
31,662	31,731	31,800	31,868	31,937	32,006	32,077	32,148	32,217	32,285	32,356
38	39	39	40	40	41	41	42	42	43	43
52	52	52	52	52	53	53	53	53	53	52
123	126	129	132	135	138	141	144	147	150	153
966,224	973,203	980,280	987,515	995,041	1,002,879	1,010,943	1,019,063	1,027,225	1,035,354	1,043,434
6,803	6,979	7,077	7,235	7,527	7,838	8,064	8,120	8,162	8,129	8,080
<b>0.71%</b>	<b>0.72%</b>	<b>0.73%</b>	<b>0.74%</b>	<b>0.76%</b>	<b>0.79%</b>	<b>0.80%</b>	<b>0.80%</b>	<b>0.80%</b>	<b>0.79%</b>	<b>0.78%</b>

\*actuals through 2016 / \*forecast begins 2017

# SOURCE DATA

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResUnit</u>	<u>DResUnit</u>	<u>ResUnitL</u>	<u>RESHS</u>	<u>RESHSL1</u>	<u>RESHSL2</u>	<u>RESHSL3</u>	<u>RESHSL4</u>
10	199001	1990	1	<b>847,260</b>		841,534	27,758	18,168	16,871	17,564	21,817
11	199002	1990	2	<b>851,332</b>	4,072	<b>847,260</b>	15,545	27,758	18,168	16,871	17,564
12	199003	1990	3	<b>854,482</b>	3,150	<b>851,332</b>	11,903	15,545	27,758	18,168	16,871
13	199004	1990	4	<b>858,129</b>	3,647	<b>854,482</b>	9,905	11,903	15,545	27,758	18,168
14	199101	1991	1	<b>861,720</b>	3,591	<b>858,129</b>	12,187	9,905	11,903	15,545	27,758
15	199102	1991	2	<b>864,472</b>	2,752	<b>861,720</b>	10,164	12,187	9,905	11,903	15,545
16	199103	1991	3	<b>866,136</b>	1,664	<b>864,472</b>	6,156	10,164	12,187	9,905	11,903
17	199104	1991	4	<b>868,682</b>	2,545	<b>866,136</b>	5,663	6,156	10,164	12,187	9,905
18	199201	1992	1	<b>871,097</b>	2,416	<b>868,682</b>	9,488	5,663	6,156	10,164	12,187
19	199202	1992	2	<b>872,315</b>	1,217	<b>871,097</b>	6,838	9,488	5,663	6,156	10,164
20	199203	1992	3	<b>873,523</b>	1,209	<b>872,315</b>	6,094	6,838	9,488	5,663	6,156
21	199204	1992	4	<b>874,886</b>	1,363	<b>873,523</b>	3,707	6,094	6,838	9,488	5,663
22	199301	1993	1	<b>876,997</b>	2,111	<b>874,886</b>	4,327	3,707	6,094	6,838	9,488
23	199302	1993	2	<b>878,154</b>	1,157	<b>876,997</b>	5,839	4,327	3,707	6,094	6,838
24	199303	1993	3	<b>878,475</b>	321	<b>878,154</b>	5,469	5,839	4,327	3,707	6,094
25	199304	1993	4	<b>880,449</b>	1,974	<b>878,475</b>	7,426	5,469	5,839	4,327	3,707
26	199401	1994	1	<b>882,192</b>	1,743	<b>880,449</b>	7,614	7,426	5,469	5,839	4,327
27	199402	1994	2	<b>883,297</b>	1,105	<b>882,192</b>	7,028	7,614	7,426	5,469	5,839
28	199403	1994	3	<b>884,264</b>	967	<b>883,297</b>	6,591	7,028	7,614	7,426	5,469
29	199404	1994	4	<b>885,713</b>	1,449	<b>884,264</b>	7,063	6,591	7,028	7,614	7,426
30	199501	1995	1	<b>887,934</b>	2,221	<b>885,713</b>	6,363	7,063	6,591	7,028	7,614
31	199502	1995	2	<b>889,151</b>	1,216	<b>887,934</b>	7,656	6,363	7,063	6,591	7,028
32	199503	1995	3	<b>889,959</b>	808	<b>889,151</b>	6,586	7,656	6,363	7,063	6,591
33	199504	1995	4	<b>892,258</b>	2,299	<b>889,959</b>	6,284	6,586	7,656	6,363	7,063
34	199601	1996	1	<b>894,767</b>	2,510	<b>892,258</b>	6,903	6,284	6,586	7,656	6,363
35	199602	1996	2	<b>896,892</b>	2,125	<b>894,767</b>	7,141	6,903	6,284	6,586	7,656
36	199603	1996	3	<b>898,950</b>	2,058	<b>896,892</b>	7,018	7,141	6,903	6,284	6,586

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>RESHSL5</u>	<u>RESHSL6</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	<u>SEA1</u>	<u>SEA2</u>	<u>SEA3</u>	<u>SEA4</u>
10	199001	1990	1	39,050	27,264	24,015	20,458	-	-	-	1
11	199002	1990	2	21,817	39,050	27,264	24,015	1	-	-	-
12	199003	1990	3	17,564	21,817	39,050	27,264	-	1	-	-
13	199004	1990	4	16,871	17,564	21,817	39,050	-	-	1	-
14	199101	1991	1	18,168	16,871	17,564	21,817	-	-	-	1
15	199102	1991	2	27,758	18,168	16,871	17,564	1	-	-	-
16	199103	1991	3	15,545	27,758	18,168	16,871	-	1	-	-
17	199104	1991	4	11,903	15,545	27,758	18,168	-	-	1	-
18	199201	1992	1	9,905	11,903	15,545	27,758	-	-	-	1
19	199202	1992	2	12,187	9,905	11,903	15,545	1	-	-	-
20	199203	1992	3	10,164	12,187	9,905	11,903	-	1	-	-
21	199204	1992	4	6,156	10,164	12,187	9,905	-	-	1	-
22	199301	1993	1	5,663	6,156	10,164	12,187	-	-	-	1
23	199302	1993	2	9,488	5,663	6,156	10,164	1	-	-	-
24	199303	1993	3	6,838	9,488	5,663	6,156	-	1	-	-
25	199304	1993	4	6,094	6,838	9,488	5,663	-	-	1	-
26	199401	1994	1	3,707	6,094	6,838	9,488	-	-	-	1
27	199402	1994	2	4,327	3,707	6,094	6,838	1	-	-	-
28	199403	1994	3	5,839	4,327	3,707	6,094	-	1	-	-
29	199404	1994	4	5,469	5,839	4,327	3,707	-	-	1	-
30	199501	1995	1	7,426	5,469	5,839	4,327	-	-	-	1
31	199502	1995	2	7,614	7,426	5,469	5,839	1	-	-	-
32	199503	1995	3	7,028	7,614	7,426	5,469	-	1	-	-
33	199504	1995	4	6,591	7,028	7,614	7,426	-	-	1	-
34	199601	1996	1	7,063	6,591	7,028	7,614	-	-	-	1
35	199602	1996	2	6,363	7,063	6,591	7,028	1	-	-	-
36	199603	1996	3	7,656	6,363	7,063	6,591	-	1	-	-

Obs	DTE	YEAR	QUARTER	CICust	CICustL1	CICustL2	CICustL3	CICustL4	CICustL5	CICustL6	CICustL7	CICustL7	CICustL8
10	199001	1990	1	27,557	27,203	27,175	27,269	27,301	26,923	26,939	27,140	27,176	26,785
11	199002	1990	2	27,570	27,557	27,203	27,175	27,269	27,301	26,923	26,939	27,140	27,176
12	199003	1990	3	27,470	27,570	27,557	27,203	27,175	27,269	27,301	26,923	26,939	27,140
13	199004	1990	4	27,518	27,470	27,570	27,557	27,203	27,175	27,269	27,301	26,923	26,939
14	199101	1991	1	27,743	27,518	27,470	27,570	27,557	27,203	27,175	27,269	27,301	26,923
15	199102	1991	2	27,694	27,743	27,518	27,470	27,570	27,557	27,203	27,175	27,269	27,301
16	199103	1991	3	27,593	27,694	27,743	27,518	27,470	27,570	27,557	27,203	27,175	27,269
17	199104	1991	4	27,557	27,593	27,694	27,743	27,518	27,470	27,570	27,557	27,203	27,175
18	199201	1992	1	27,704	27,557	27,593	27,694	27,743	27,518	27,470	27,570	27,557	27,203
19	199202	1992	2	27,618	27,704	27,557	27,593	27,694	27,743	27,518	27,470	27,570	27,557
20	199203	1992	3	27,430	27,618	27,704	27,557	27,593	27,694	27,743	27,518	27,470	27,570
21	199204	1992	4	27,403	27,430	27,618	27,704	27,557	27,593	27,694	27,743	27,518	27,470
22	199301	1993	1	27,639	27,403	27,430	27,618	27,704	27,557	27,593	27,694	27,743	27,518
23	199302	1993	2	27,519	27,639	27,403	27,430	27,618	27,704	27,557	27,593	27,694	27,743
24	199303	1993	3	27,305	27,519	27,639	27,403	27,430	27,618	27,704	27,557	27,593	27,694
25	199304	1993	4	27,241	27,305	27,519	27,639	27,403	27,430	27,618	27,704	27,557	27,593
26	199401	1994	1	27,457	27,241	27,305	27,519	27,639	27,403	27,430	27,618	27,704	27,557
27	199402	1994	2	27,394	27,457	27,241	27,305	27,519	27,639	27,403	27,430	27,618	27,704
28	199403	1994	3	27,196	27,394	27,457	27,241	27,305	27,519	27,639	27,403	27,430	27,618
29	199404	1994	4	27,188	27,196	27,394	27,457	27,241	27,305	27,519	27,639	27,403	27,430
30	199501	1995	1	27,313	27,188	27,196	27,394	27,457	27,241	27,305	27,519	27,639	27,403
31	199502	1995	2	27,211	27,313	27,188	27,196	27,394	27,457	27,241	27,305	27,519	27,639
32	199503	1995	3	27,087	27,211	27,313	27,188	27,196	27,394	27,457	27,241	27,305	27,519
33	199504	1995	4	26,977	27,087	27,211	27,313	27,188	27,196	27,394	27,457	27,241	27,305
34	199601	1996	1	27,189	26,977	27,087	27,211	27,313	27,188	27,196	27,394	27,457	27,241
35	199602	1996	2	27,166	27,189	26,977	27,087	27,211	27,313	27,188	27,196	27,394	27,457
36	199603	1996	3	27,061	27,166	27,189	26,977	27,087	27,211	27,313	27,188	27,196	27,394

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CIEmp</u>
10	199001	1990	1	976,600
11	199002	1990	2	990,500
12	199003	1990	3	989,100
13	199004	1990	4	998,600
14	199101	1991	1	986,700
15	199102	1991	2	993,000
16	199103	1991	3	985,100
17	199104	1991	4	985,833
18	199201	1992	1	968,633
19	199202	1992	2	979,467
20	199203	1992	3	970,000
21	199204	1992	4	975,100
22	199301	1993	1	963,700
23	199302	1993	2	972,333
24	199303	1993	3	969,333
25	199304	1993	4	977,833
26	199401	1994	1	964,633
27	199402	1994	2	976,633
28	199403	1994	3	976,567
29	199404	1994	4	987,133
30	199501	1995	1	977,667
31	199502	1995	2	999,433
32	199503	1995	3	1,003,500
33	199504	1995	4	1,016,667
34	199601	1996	1	1,007,133
35	199602	1996	2	1,027,533
36	199603	1996	3	1,028,333



<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResUnit</u>	<u>DResUnit</u>	<u>ResUnitL</u>	<u>RESHS</u>	<u>RESHSL1</u>	<u>RESHSL2</u>	<u>RESHSL3</u>	<u>RESHSL4</u>
37	199604	1996	4	<b>902,164</b>	3,214	<b>898,950</b>	7,096	7,018	7,141	6,903	6,284
38	199701	1997	1	<b>903,974</b>	1,810	<b>902,164</b>	8,859	7,096	7,018	7,141	6,903
39	199702	1997	2	<b>904,911</b>	937	<b>903,974</b>	9,734	8,859	7,096	7,018	7,141
40	199703	1997	3	<b>907,198</b>	2,287	<b>904,911</b>	10,365	9,734	8,859	7,096	7,018
41	199704	1997	4	<b>910,456</b>	3,258	<b>907,198</b>	14,840	10,365	9,734	8,859	7,096
42	199801	1998	1	<b>913,807</b>	3,351	<b>910,456</b>	11,409	14,840	10,365	9,734	8,859
43	199802	1998	2	<b>916,187</b>	2,380	<b>913,807</b>	12,275	11,409	14,840	10,365	9,734
44	199803	1998	3	<b>918,532</b>	2,345	<b>916,187</b>	13,468	12,275	11,409	14,840	10,365
45	199804	1998	4	<b>921,844</b>	3,312	<b>918,532</b>	10,581	13,468	12,275	11,409	14,840
46	199901	1999	1	<b>925,659</b>	3,815	<b>921,844</b>	15,322	10,581	13,468	12,275	11,409
47	199902	1999	2	<b>928,446</b>	2,787	<b>925,659</b>	15,832	15,322	10,581	13,468	12,275
48	199903	1999	3	<b>930,414</b>	1,968	<b>928,446</b>	15,920	15,832	15,322	10,581	13,468
49	199904	1999	4	<b>933,867</b>	3,453	<b>930,414</b>	13,931	15,920	15,832	15,322	10,581
50	200001	2000	1	<b>937,026</b>	3,159	<b>933,867</b>	13,962	13,931	15,920	15,832	15,322
51	200002	2000	2	<b>939,633</b>	2,607	<b>937,026</b>	15,633	13,962	13,931	15,920	15,832
52	200003	2000	3	<b>942,201</b>	2,569	<b>939,633</b>	13,631	15,633	13,962	13,931	15,920
53	200004	2000	4	<b>946,133</b>	3,932	<b>942,201</b>	13,146	13,631	15,633	13,962	13,931
54	200101	2001	1	<b>949,299</b>	3,165	<b>946,133</b>	15,928	13,146	13,631	15,633	13,962
55	200102	2001	2	<b>951,952</b>	2,654	<b>949,299</b>	15,330	15,928	13,146	13,631	15,633
56	200103	2001	3	<b>954,665</b>	2,713	<b>951,952</b>	13,835	15,330	15,928	13,146	13,631
57	200104	2001	4	<b>958,313</b>	3,648	<b>954,665</b>	13,190	13,835	15,330	15,928	13,146
58	200201	2002	1	<b>961,875</b>	3,563	<b>958,313</b>	15,289	13,190	13,835	15,330	15,928
59	200202	2002	2	<b>965,417</b>	3,542	<b>961,875</b>	12,978	15,289	13,190	13,835	15,330
60	200203	2002	3	<b>969,333</b>	3,916	<b>965,417</b>	11,440	12,978	15,289	13,190	13,835
61	200204	2002	4	<b>972,657</b>	3,324	<b>969,333</b>	12,882	11,440	12,978	15,289	13,190
62	200301	2003	1	<b>975,867</b>	3,210	<b>972,657</b>	17,421	12,882	11,440	12,978	15,289
63	200302	2003	2	<b>978,340</b>	2,474	<b>975,867</b>	16,593	17,421	12,882	11,440	12,978
64	200303	2003	3	<b>981,434</b>	3,093	<b>978,340</b>	14,766	16,593	17,421	12,882	11,440
65	200304	2003	4	<b>984,013</b>	2,580	<b>981,434</b>	15,740	14,766	16,593	17,421	12,882
66	200401	2004	1	<b>986,498</b>	2,485	<b>984,013</b>	15,617	15,740	14,766	16,593	17,421
67	200402	2004	2	<b>988,395</b>	1,897	<b>986,498</b>	15,253	15,617	15,740	14,766	16,593
68	200403	2004	3	<b>991,199</b>	2,804	<b>988,395</b>	14,891	15,253	15,617	15,740	14,766
69	200404	2004	4	<b>994,949</b>	3,750	<b>991,199</b>	11,674	14,891	15,253	15,617	15,740
70	200501	2005	1	<b>998,429</b>	3,480	<b>994,949</b>	16,919	11,674	14,891	15,253	15,617
71	200502	2005	2	<b>1,001,222</b>	2,793	<b>998,429</b>	14,356	16,919	11,674	14,891	15,253
72	200503	2005	3	<b>1,003,616</b>	2,394	<b>1,001,222</b>	12,489	14,356	16,919	11,674	14,891

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>RESHSL5</u>	<u>RESHSL6</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	SEA1	SEA2	SEA3	SEA4
37	199604	1996	4	6,586	7,656	6,363	7,063	-	-	1	-
38	199701	1997	1	6,284	6,586	7,656	6,363	-	-	-	1
39	199702	1997	2	6,903	6,284	6,586	7,656	1	-	-	-
40	199703	1997	3	7,141	6,903	6,284	6,586	-	1	-	-
41	199704	1997	4	7,018	7,141	6,903	6,284	-	-	1	-
42	199801	1998	1	7,096	7,018	7,141	6,903	-	-	-	1
43	199802	1998	2	8,859	7,096	7,018	7,141	1	-	-	-
44	199803	1998	3	9,734	8,859	7,096	7,018	-	1	-	-
45	199804	1998	4	10,365	9,734	8,859	7,096	-	-	1	-
46	199901	1999	1	14,840	10,365	9,734	8,859	-	-	-	1
47	199902	1999	2	11,409	14,840	10,365	9,734	1	-	-	-
48	199903	1999	3	12,275	11,409	14,840	10,365	-	1	-	-
49	199904	1999	4	13,468	12,275	11,409	14,840	-	-	1	-
50	200001	2000	1	10,581	13,468	12,275	11,409	-	-	-	1
51	200002	2000	2	15,322	10,581	13,468	12,275	1	-	-	-
52	200003	2000	3	15,832	15,322	10,581	13,468	-	1	-	-
53	200004	2000	4	15,920	15,832	15,322	10,581	-	-	1	-
54	200101	2001	1	13,931	15,920	15,832	15,322	-	-	-	1
55	200102	2001	2	13,962	13,931	15,920	15,832	1	-	-	-
56	200103	2001	3	15,633	13,962	13,931	15,920	-	1	-	-
57	200104	2001	4	13,631	15,633	13,962	13,931	-	-	1	-
58	200201	2002	1	13,146	13,631	15,633	13,962	-	-	-	1
59	200202	2002	2	15,928	13,146	13,631	15,633	1	-	-	-
60	200203	2002	3	15,330	15,928	13,146	13,631	-	1	-	-
61	200204	2002	4	13,835	15,330	15,928	13,146	-	-	1	-
62	200301	2003	1	13,190	13,835	15,330	15,928	-	-	-	1
63	200302	2003	2	15,289	13,190	13,835	15,330	1	-	-	-
64	200303	2003	3	12,978	15,289	13,190	13,835	-	1	-	-
65	200304	2003	4	11,440	12,978	15,289	13,190	-	-	1	-
66	200401	2004	1	12,882	11,440	12,978	15,289	-	-	-	1
67	200402	2004	2	17,421	12,882	11,440	12,978	1	-	-	-
68	200403	2004	3	16,593	17,421	12,882	11,440	-	1	-	-
69	200404	2004	4	14,766	16,593	17,421	12,882	-	-	1	-
70	200501	2005	1	15,740	14,766	16,593	17,421	-	-	-	1
71	200502	2005	2	15,617	15,740	14,766	16,593	1	-	-	-
72	200503	2005	3	15,253	15,617	15,740	14,766	-	1	-	-

Obs	DTE	YEAR	QUARTER	CICust	CICustL1	CICustL2	CICustL3	CICustL4	CICustL5	CICustL6	CICustL7	CICustL7	CICustL8
37	199604	1996	4	27,074	27,061	27,166	27,189	26,977	27,087	27,211	27,313	27,188	27,196
38	199701	1997	1	27,315	27,074	27,061	27,166	27,189	26,977	27,087	27,211	27,313	27,188
39	199702	1997	2	27,330	27,315	27,074	27,061	27,166	27,189	26,977	27,087	27,211	27,313
40	199703	1997	3	27,271	27,330	27,315	27,074	27,061	27,166	27,189	26,977	27,087	27,211
41	199704	1997	4	27,312	27,271	27,330	27,315	27,074	27,061	27,166	27,189	26,977	27,087
42	199801	1998	1	27,549	27,312	27,271	27,330	27,315	27,074	27,061	27,166	27,189	26,977
43	199802	1998	2	27,530	27,549	27,312	27,271	27,330	27,315	27,074	27,061	27,166	27,189
44	199803	1998	3	27,470	27,530	27,549	27,312	27,271	27,330	27,315	27,074	27,061	27,166
45	199804	1998	4	27,511	27,470	27,530	27,549	27,312	27,271	27,330	27,315	27,074	27,061
46	199901	1999	1	27,762	27,511	27,470	27,530	27,549	27,312	27,271	27,330	27,315	27,074
47	199902	1999	2	27,910	27,762	27,511	27,470	27,530	27,549	27,312	27,271	27,330	27,315
48	199903	1999	3	27,943	27,910	27,762	27,511	27,470	27,530	27,549	27,312	27,271	27,330
49	199904	1999	4	28,038	27,943	27,910	27,762	27,511	27,470	27,530	27,549	27,312	27,271
50	200001	2000	1	28,312	28,038	27,943	27,910	27,762	27,511	27,470	27,530	27,549	27,312
51	200002	2000	2	28,462	28,312	28,038	27,943	27,910	27,762	27,511	27,470	27,530	27,549
52	200003	2000	3	28,452	28,462	28,312	28,038	27,943	27,910	27,762	27,511	27,470	27,530
53	200004	2000	4	28,579	28,452	28,462	28,312	28,038	27,943	27,910	27,762	27,511	27,470
54	200101	2001	1	28,777	28,579	28,452	28,462	28,312	28,038	27,943	27,910	27,762	27,511
55	200102	2001	2	28,754	28,777	28,579	28,452	28,462	28,312	28,038	27,943	27,910	27,762
56	200103	2001	3	28,765	28,754	28,777	28,579	28,452	28,462	28,312	28,038	27,943	27,910
57	200104	2001	4	28,855	28,765	28,754	28,777	28,579	28,452	28,462	28,312	28,038	27,943
58	200201	2002	1	29,006	28,855	28,765	28,754	28,777	28,579	28,452	28,462	28,312	28,038
59	200202	2002	2	29,054	29,006	28,855	28,765	28,754	28,777	28,579	28,452	28,462	28,312
60	200203	2002	3	29,090	29,054	29,006	28,855	28,765	28,754	28,777	28,579	28,452	28,462
61	200204	2002	4	29,196	29,090	29,054	29,006	28,855	28,765	28,754	28,777	28,579	28,452
62	200301	2003	1	29,319	29,196	29,090	29,054	29,006	28,855	28,765	28,754	28,777	28,579
63	200302	2003	2	29,319	29,319	29,196	29,090	29,054	29,006	28,855	28,765	28,754	28,777
64	200303	2003	3	29,309	29,319	29,319	29,196	29,090	29,054	29,006	28,855	28,765	28,754
65	200304	2003	4	29,381	29,309	29,319	29,319	29,196	29,090	29,054	29,006	28,855	28,765
66	200401	2004	1	29,523	29,381	29,309	29,319	29,319	29,196	29,090	29,054	29,006	28,855
67	200402	2004	2	29,569	29,523	29,381	29,309	29,319	29,319	29,196	29,090	29,054	29,006
68	200403	2004	3	29,477	29,569	29,523	29,381	29,309	29,319	29,319	29,196	29,090	29,054
69	200404	2004	4	29,471	29,477	29,569	29,523	29,381	29,309	29,319	29,319	29,196	29,090
70	200501	2005	1	29,583	29,471	29,477	29,569	29,523	29,381	29,309	29,319	29,319	29,196
71	200502	2005	2	29,573	29,583	29,471	29,477	29,569	29,523	29,381	29,309	29,319	29,319
72	200503	2005	3	29,558	29,573	29,583	29,471	29,477	29,569	29,523	29,381	29,309	29,319

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CIEmp</u>
37	199604	1996	4	1,042,967
38	199701	1997	1	1,045,000
39	199702	1997	2	1,073,333
40	199703	1997	3	1,081,367
41	199704	1997	4	1,096,433
42	199801	1998	1	1,094,867
43	199802	1998	2	1,123,567
44	199803	1998	3	1,131,033
45	199804	1998	4	1,153,600
46	199901	1999	1	1,145,100
47	199902	1999	2	1,171,500
48	199903	1999	3	1,172,500
49	199904	1999	4	1,195,667
50	200001	2000	1	1,190,467
51	200002	2000	2	1,213,100
52	200003	2000	3	1,209,033
53	200004	2000	4	1,233,033
54	200101	2001	1	1,222,700
55	200102	2001	2	1,242,467
56	200103	2001	3	1,231,967
57	200104	2001	4	1,247,600
58	200201	2002	1	1,232,700
59	200202	2002	2	1,255,600
60	200203	2002	3	1,242,667
61	200204	2002	4	1,263,867
62	200301	2003	1	1,245,567
63	200302	2003	2	1,262,433
64	200303	2003	3	1,259,567
65	200304	2003	4	1,275,433
66	200401	2004	1	1,262,500
67	200402	2004	2	1,283,500
68	200403	2004	3	1,283,333
69	200404	2004	4	1,300,267
70	200501	2005	1	1,286,067
71	200502	2005	2	1,309,167
72	200503	2005	3	1,306,533

<b>Obs</b>	<b>DTE</b>	<b>YEAR</b>	<b>QUARTER</b>	<b>ResUnit</b>	<b>DResUnit</b>	<b>ResUnitL</b>	<b>RESHS</b>	<b>RESHSL1</b>	<b>RESHSL2</b>	<b>RESHSL3</b>	<b>RESHSL4</b>
73	200504	2005	4	<b>1,006,384</b>	2,768	<b>1,003,616</b>	7,918	12,489	14,356	16,919	11,674
74	200601	2006	1	<b>1,009,232</b>	2,848	<b>1,006,384</b>	10,098	7,918	12,489	14,356	16,919
75	200602	2006	2	<b>1,011,601</b>	2,370	<b>1,009,232</b>	9,222	10,098	7,918	12,489	14,356
76	200603	2006	3	<b>1,013,991</b>	2,390	<b>1,011,601</b>	7,320	9,222	10,098	7,918	12,489
77	200604	2006	4	<b>1,020,374</b>	6,383	<b>1,013,991</b>	7,520	7,320	9,222	10,098	7,918
78	200701	2007	1	<b>1,023,075</b>	2,701	<b>1,020,374</b>	7,006	7,520	7,320	9,222	10,098
79	200702	2007	2	<b>1,027,640</b>	4,565	<b>1,023,075</b>	7,631	7,006	7,520	7,320	9,222
80	200703	2007	3	<b>1,029,929</b>	2,289	<b>1,027,640</b>	6,026	7,631	7,006	7,520	7,320
81	200704	2007	4	<b>1,031,285</b>	1,356	<b>1,029,929</b>	4,486	6,026	7,631	7,006	7,520
82	200801	2008	1	<b>1,031,483</b>	198	<b>1,031,285</b>	5,206	4,486	6,026	7,631	7,006
83	200802	2008	2	<b>1,030,047</b>	(1,436)	<b>1,031,483</b>	7,018	5,206	4,486	6,026	7,631
84	200803	2008	3	<b>1,030,383</b>	336	<b>1,030,047</b>	4,738	7,018	5,206	4,486	6,026
85	200804	2008	4	<b>1,031,393</b>	1,010	<b>1,030,383</b>	3,262	4,738	7,018	5,206	4,486
86	200901	2009	1	<b>1,032,464</b>	1,072	<b>1,031,393</b>	1,864	3,262	4,738	7,018	5,206
87	200902	2009	2	<b>1,032,937</b>	472	<b>1,032,464</b>	4,571	1,864	3,262	4,738	7,018
88	200903	2009	3	<b>1,033,854</b>	917	<b>1,032,937</b>	2,026	4,571	1,864	3,262	4,738
89	200904	2009	4	<b>1,033,348</b>	(505)	<b>1,033,854</b>	2,284	2,026	4,571	1,864	3,262
90	201001	2010	1	<b>1,035,250</b>	1,902	<b>1,033,348</b>	4,162	2,284	2,026	4,571	1,864
91	201002	2010	2	<b>1,036,749</b>	1,499	<b>1,035,250</b>	3,271	4,162	2,284	2,026	4,571
92	201003	2010	3	<b>1,037,818</b>	1,068	<b>1,036,749</b>	3,356	3,271	4,162	2,284	2,026
93	201004	2010	4	<b>1,038,994</b>	1,177	<b>1,037,818</b>	2,596	3,356	3,271	4,162	2,284
94	201101	2011	1	<b>1,039,993</b>	999	<b>1,038,994</b>	4,011	2,596	3,356	3,271	4,162
95	201102	2011	2	<b>1,041,735</b>	1,742	<b>1,039,993</b>	6,459	4,011	2,596	3,356	3,271
96	201103	2011	3	<b>1,043,032</b>	1,298	<b>1,041,735</b>	5,162	6,459	4,011	2,596	3,356
97	201104	2011	4	<b>1,043,739</b>	707	<b>1,043,032</b>	5,466	5,162	6,459	4,011	2,596
98	201201	2012	1	<b>1,044,574</b>	834	<b>1,043,739</b>	3,686	5,466	5,162	6,459	4,011
99	201202	2012	2	<b>1,045,422</b>	849	<b>1,044,574</b>	6,264	3,686	5,466	5,162	6,459
100	201203	2012	3	<b>1,047,003</b>	1,580	<b>1,045,422</b>	6,428	6,264	3,686	5,466	5,162
101	201204	2012	4	<b>1,048,517</b>	1,514	<b>1,047,003</b>	4,404	6,428	6,264	3,686	5,466
102	201301	2013	1	<b>1,049,989</b>	1,472	<b>1,048,517</b>	6,063	4,404	6,428	6,264	3,686
103	201302	2013	2	<b>1,051,392</b>	1,403	<b>1,049,989</b>	7,785	6,063	4,404	6,428	6,264
104	201303	2013	3	<b>1,052,529</b>	1,137	<b>1,051,392</b>	5,665	7,785	6,063	4,404	6,428

Obs	DTE	YEAR	QUARTER	RESHSL5	RESHSL6	RESHSL7	RESHSL8	SEA1	SEA2	SEA3	SEA4
73	200504	2005	4	14,891	15,253	15,617	15,740	-	-	1	-
74	200601	2006	1	11,674	14,891	15,253	15,617	-	-	-	1
75	200602	2006	2	16,919	11,674	14,891	15,253	1	-	-	-
76	200603	2006	3	14,356	16,919	11,674	14,891	-	1	-	-
77	200604	2006	4	12,489	14,356	16,919	11,674	-	-	1	-
78	200701	2007	1	7,918	12,489	14,356	16,919	-	-	-	1
79	200702	2007	2	10,098	7,918	12,489	14,356	1	-	-	-
80	200703	2007	3	9,222	10,098	7,918	12,489	-	1	-	-
81	200704	2007	4	7,320	9,222	10,098	7,918	-	-	1	-
82	200801	2008	1	7,520	7,320	9,222	10,098	-	-	-	1
83	200802	2008	2	7,006	7,520	7,320	9,222	1	-	-	-
84	200803	2008	3	7,631	7,006	7,520	7,320	-	1	-	-
85	200804	2008	4	6,026	7,631	7,006	7,520	-	-	1	-
86	200901	2009	1	4,486	6,026	7,631	7,006	-	-	-	1
87	200902	2009	2	5,206	4,486	6,026	7,631	1	-	-	-
88	200903	2009	3	7,018	5,206	4,486	6,026	-	1	-	-
89	200904	2009	4	4,738	7,018	5,206	4,486	-	-	1	-
90	201001	2010	1	3,262	4,738	7,018	5,206	-	-	-	1
91	201002	2010	2	1,864	3,262	4,738	7,018	1	-	-	-
92	201003	2010	3	4,571	1,864	3,262	4,738	-	1	-	-
93	201004	2010	4	2,026	4,571	1,864	3,262	-	-	1	-
94	201101	2011	1	2,284	2,026	4,571	1,864	-	-	-	1
95	201102	2011	2	4,162	2,284	2,026	4,571	1	-	-	-
96	201103	2011	3	3,271	4,162	2,284	2,026	-	1	-	-
97	201104	2011	4	3,356	3,271	4,162	2,284	-	-	1	-
98	201201	2012	1	2,596	3,356	3,271	4,162	-	-	-	1
99	201202	2012	2	4,011	2,596	3,356	3,271	1	-	-	-
100	201203	2012	3	6,459	4,011	2,596	3,356	-	1	-	-
101	201204	2012	4	5,162	6,459	4,011	2,596	-	-	1	-
102	201301	2013	1	5,466	5,162	6,459	4,011	-	-	-	1
103	201302	2013	2	3,686	5,466	5,162	6,459	1	-	-	-
104	201303	2013	3	6,264	3,686	5,466	5,162	-	1	-	-

Obs	DTE	YEAR	QUARTER	CICust	CICustL1	CICustL2	CICustL3	CICustL4	CICustL5	CICustL6	CICustL7	CICustL7	CICustL8
73	200504	2005	4	29,563	29,558	29,573	29,583	29,471	29,477	29,569	29,523	29,381	29,309
74	200601	2006	1	29,639	29,563	29,558	29,573	29,583	29,471	29,477	29,569	29,523	29,381
75	200602	2006	2	29,684	29,639	29,563	29,558	29,573	29,583	29,471	29,477	29,569	29,523
76	200603	2006	3	29,620	29,684	29,639	29,563	29,558	29,573	29,583	29,471	29,477	29,569
77	200604	2006	4	29,636	29,620	29,684	29,639	29,563	29,558	29,573	29,583	29,471	29,477
78	200701	2007	1	29,812	29,636	29,620	29,684	29,639	29,563	29,558	29,573	29,583	29,471
79	200702	2007	2	29,905	29,812	29,636	29,620	29,684	29,639	29,563	29,558	29,573	29,583
80	200703	2007	3	29,926	29,905	29,812	29,636	29,620	29,684	29,639	29,563	29,558	29,573
81	200704	2007	4	30,023	29,926	29,905	29,812	29,636	29,620	29,684	29,639	29,563	29,558
82	200801	2008	1	30,150	30,023	29,926	29,905	29,812	29,636	29,620	29,684	29,639	29,563
83	200802	2008	2	30,243	30,150	30,023	29,926	29,905	29,812	29,636	29,620	29,684	29,639
84	200803	2008	3	30,227	30,243	30,150	30,023	29,926	29,905	29,812	29,636	29,620	29,684
85	200804	2008	4	30,222	30,227	30,243	30,150	30,023	29,926	29,905	29,812	29,636	29,620
86	200901	2009	1	30,248	30,222	30,227	30,243	30,150	30,023	29,926	29,905	29,812	29,636
87	200902	2009	2	30,178	30,248	30,222	30,227	30,243	30,150	30,023	29,926	29,905	29,812
88	200903	2009	3	30,145	30,178	30,248	30,222	30,227	30,243	30,150	30,023	29,926	29,905
89	200904	2009	4	30,139	30,145	30,178	30,248	30,222	30,227	30,243	30,150	30,023	29,926
90	201001	2010	1	30,135	30,139	30,145	30,178	30,248	30,222	30,227	30,243	30,150	30,023
91	201002	2010	2	30,208	30,135	30,139	30,145	30,178	30,248	30,222	30,227	30,243	30,150
92	201003	2010	3	30,269	30,208	30,135	30,139	30,145	30,178	30,248	30,222	30,227	30,243
93	201004	2010	4	30,216	30,269	30,208	30,135	30,139	30,145	30,178	30,248	30,222	30,227
94	201101	2011	1	30,193	30,216	30,269	30,208	30,135	30,139	30,145	30,178	30,248	30,222
95	201102	2011	2	30,189	30,193	30,216	30,269	30,208	30,135	30,139	30,145	30,178	30,248
96	201103	2011	3	30,170	30,189	30,193	30,216	30,269	30,208	30,135	30,139	30,145	30,178
97	201104	2011	4	30,133	30,170	30,189	30,193	30,216	30,269	30,208	30,135	30,139	30,145
98	201201	2012	1	30,173	30,133	30,170	30,189	30,193	30,216	30,269	30,208	30,135	30,139
99	201202	2012	2	30,192	30,173	30,133	30,170	30,189	30,193	30,216	30,269	30,208	30,135
100	201203	2012	3	30,142	30,192	30,173	30,133	30,170	30,189	30,193	30,216	30,269	30,208
101	201204	2012	4	30,086	30,142	30,192	30,173	30,133	30,170	30,189	30,193	30,216	30,269
102	201301	2013	1	30,116	30,086	30,142	30,192	30,173	30,133	30,170	30,189	30,193	30,216
103	201302	2013	2	30,095	30,116	30,086	30,142	30,192	30,173	30,133	30,170	30,189	30,193
104	201303	2013	3	30,038	30,095	30,116	30,086	30,142	30,192	30,173	30,133	30,170	30,189

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CIEmp</u>
73	200504	2005	4	1,319,367
74	200601	2006	1	1,309,900
75	200602	2006	2	1,328,433
76	200603	2006	3	1,326,933
77	200604	2006	4	1,339,167
78	200701	2007	1	1,321,667
79	200702	2007	2	1,337,533
80	200703	2007	3	1,337,167
81	200704	2007	4	1,342,333
82	200801	2008	1	1,324,667
83	200802	2008	2	1,335,833
84	200803	2008	3	1,326,433
85	200804	2008	4	1,320,400
86	200901	2009	1	1,276,600
87	200902	2009	2	1,268,567
88	200903	2009	3	1,243,133
89	200904	2009	4	1,254,867
90	201001	2010	1	1,233,133
91	201002	2010	2	1,259,700
92	201003	2010	3	1,253,800
93	201004	2010	4	1,263,500
94	201101	2011	1	1,251,633
95	201102	2011	2	1,263,067
96	201103	2011	3	1,258,133
97	201104	2011	4	1,274,467
98	201201	2012	1	1,264,233
99	201202	2012	2	1,299,267
100	201203	2012	3	1,296,567
101	201204	2012	4	1,317,233
102	201301	2013	1	1,307,033
103	201302	2013	2	1,326,867
104	201303	2013	3	1,325,333

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CIEmp</u>
73	200504	2005	4	1,319,367
74	200601	2006	1	1,309,900
75	200602	2006	2	1,328,433
76	200603	2006	3	1,326,933
77	200604	2006	4	1,339,167
78	200701	2007	1	1,321,667
79	200702	2007	2	1,337,533
80	200703	2007	3	1,337,167
81	200704	2007	4	1,342,333
82	200801	2008	1	1,324,667
83	200802	2008	2	1,335,833
84	200803	2008	3	1,326,433
85	200804	2008	4	1,320,400
86	200901	2009	1	1,276,600
87	200902	2009	2	1,268,567
88	200903	2009	3	1,243,133
89	200904	2009	4	1,254,867
90	201001	2010	1	1,233,133
91	201002	2010	2	1,259,700
92	201003	2010	3	1,253,800
93	201004	2010	4	1,263,500
94	201101	2011	1	1,251,633
95	201102	2011	2	1,263,067
96	201103	2011	3	1,258,133
97	201104	2011	4	1,274,467
98	201201	2012	1	1,264,233
99	201202	2012	2	1,299,267
100	201203	2012	3	1,296,567
101	201204	2012	4	1,317,233
102	201301	2013	1	1,307,033
103	201302	2013	2	1,326,867
104	201303	2013	3	1,325,333



Obs	DTE	YEAR	QUARTER	ResUnit	DResUnit	ResUnitL	RESHS	RESHSL1	RESHSL2	RESHSL3	RESHSL4
105	201304	2013	4	<b>1,053,757</b>	1,228	<b>1,052,529</b>	9,877	5,665	7,785	6,063	4,404
106	201401	2014	1	<b>1,054,974</b>	1,216	<b>1,053,757</b>	8,199	9,877	5,665	7,785	6,063
107	201402	2014	2	<b>1,055,936</b>	963	<b>1,054,974</b>	6,978	8,199	9,877	5,665	7,785
108	201403	2014	3	<b>1,056,864</b>	927	<b>1,055,936</b>	7,943	6,978	8,199	9,877	5,665
109	201404	2014	4	<b>1,058,598</b>	1,735	<b>1,056,864</b>	6,537	7,943	6,978	8,199	9,877
110	201501	2015	1	<b>1,059,547</b>	949	<b>1,058,598</b>	6,618	6,537	7,943	6,978	8,199
111	201502	2015	2	<b>1,060,954</b>	1,407	<b>1,059,547</b>	10,547	6,618	6,537	7,943	6,978
112	201503	2015	3	<b>1,062,123</b>	1,169	<b>1,060,954</b>	8,459	10,547	6,618	6,537	7,943
113	201504	2015	4	<b>1,064,132</b>	2,009	<b>1,062,123</b>	8,567	8,459	10,547	6,618	6,537
114	201601	2016	1	1,065,353	1,221	<b>1,064,132</b>	9,516	8,567	8,459	10,547	6,618
115	201602	2016	2	1,066,546	1,193	1,065,353	9,876	9,516	8,567	8,459	10,547
116	201603	2016	3	1,068,251	1,705	1,066,546	9,103	9,876	9,516	8,567	8,459
117	201604	2016	4	1,069,665	1,414	1,068,251	10,334	9,103	9,876	9,516	8,567
118	201701	2017	1	.	.	1,069,665	10,860	10,334	9,103	9,876	9,516
119	201702	2017	2	.	.	.	12,269	10,860	10,334	9,103	9,876
120	201703	2017	3	.	.	.	12,402	12,269	10,860	10,334	9,103
121	201704	2017	4	.	.	.	12,652	12,402	12,269	10,860	10,334
122	201801	2018	1	.	.	.	12,624	12,652	12,402	12,269	10,860
123	201802	2018	2	.	.	.	12,575	12,624	12,652	12,402	12,269
124	201803	2018	3	.	.	.	12,575	12,575	12,624	12,652	12,402
125	201804	2018	4	.	.	.	12,897	12,575	12,575	12,624	12,652
126	201901	2019	1	.	.	.	12,994	12,897	12,575	12,575	12,624
127	201902	2019	2	.	.	.	13,242	12,994	12,897	12,575	12,575
128	201903	2019	3	.	.	.	13,378	13,242	12,994	12,897	12,575
129	201904	2019	4	.	.	.	13,486	13,378	13,242	12,994	12,897
130	202001	2020	1	.	.	.	13,616	13,486	13,378	13,242	12,994
131	202002	2020	2	.	.	.	13,744	13,616	13,486	13,378	13,242
132	202003	2020	3	.	.	.	13,945	13,744	13,616	13,486	13,378
133	202004	2020	4	.	.	.	14,040	13,945	13,744	13,616	13,486
134	202101	2021	1	.	.	.	14,172	14,040	13,945	13,744	13,616
135	202102	2021	2	.	.	.	14,325	14,172	14,040	13,945	13,744
136	202103	2021	3	.	.	.	14,450	14,325	14,172	14,040	13,945
137	202104	2021	4	.	.	.	14,441	14,450	14,325	14,172	14,040
138	202201	2022	1	.	.	.	14,383	14,441	14,450	14,325	14,172
139	202202	2022	2	.	.	.	14,398	14,383	14,441	14,450	14,325
140	202203	2022	3	.	.	.	14,445	14,398	14,383	14,441	14,450

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>RESHSL5</u>	<u>RESHSL6</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	SEA1	SEA2	SEA3	SEA4
105	201304	2013	4	6,428	6,264	3,686	5,466	-	-	1	-
106	201401	2014	1	4,404	6,428	6,264	3,686	-	-	-	1
107	201402	2014	2	6,063	4,404	6,428	6,264	1	-	-	-
108	201403	2014	3	7,785	6,063	4,404	6,428	-	1	-	-
109	201404	2014	4	5,665	7,785	6,063	4,404	-	-	1	-
110	201501	2015	1	9,877	5,665	7,785	6,063	-	-	-	1
111	201502	2015	2	8,199	9,877	5,665	7,785	1	-	-	-
112	201503	2015	3	6,978	8,199	9,877	5,665	-	1	-	-
113	201504	2015	4	7,943	6,978	8,199	9,877	-	-	1	-
114	201601	2016	1	6,537	7,943	6,978	8,199	-	-	-	1
115	201602	2016	2	6,618	6,537	7,943	6,978	1	-	-	-
116	201603	2016	3	10,547	6,618	6,537	7,943	-	1	-	-
117	201604	2016	4	8,459	10,547	6,618	6,537	-	-	1	-
118	201701	2017	1	8,567	8,459	10,547	6,618	-	-	-	1
119	201702	2017	2	9,516	8,567	8,459	10,547	1	-	-	-
120	201703	2017	3	9,876	9,516	8,567	8,459	-	1	-	-
121	201704	2017	4	9,103	9,876	9,516	8,567	-	-	1	-
122	201801	2018	1	10,334	9,103	9,876	9,516	-	-	-	1
123	201802	2018	2	10,860	10,334	9,103	9,876	1	-	-	-
124	201803	2018	3	12,269	10,860	10,334	9,103	-	1	-	-
125	201804	2018	4	12,402	12,269	10,860	10,334	-	-	1	-
126	201901	2019	1	12,652	12,402	12,269	10,860	-	-	-	1
127	201902	2019	2	12,624	12,652	12,402	12,269	1	-	-	-
128	201903	2019	3	12,575	12,624	12,652	12,402	-	1	-	-
129	201904	2019	4	12,575	12,575	12,624	12,652	-	-	1	-
130	202001	2020	1	12,897	12,575	12,575	12,624	-	-	-	1
131	202002	2020	2	12,994	12,897	12,575	12,575	1	-	-	-
132	202003	2020	3	13,242	12,994	12,897	12,575	-	1	-	-
133	202004	2020	4	13,378	13,242	12,994	12,897	-	-	1	-
134	202101	2021	1	13,486	13,378	13,242	12,994	-	-	-	1
135	202102	2021	2	13,616	13,486	13,378	13,242	1	-	-	-
136	202103	2021	3	13,744	13,616	13,486	13,378	-	1	-	-
137	202104	2021	4	13,945	13,744	13,616	13,486	-	-	1	-
138	202201	2022	1	14,040	13,945	13,744	13,616	-	-	-	1
139	202202	2022	2	14,172	14,040	13,945	13,744	1	-	-	-
140	202203	2022	3	14,325	14,172	14,040	13,945	-	1	-	-

Obs	DTE	YEAR	QUARTER	CICust	CICustL1	CICustL2	CICustL3	CICustL4	CICustL5	CICustL6	CICustL7	CICustL7	CICustL8
105	201304	2013	4	30,058	30,038	30,095	30,116	30,086	30,142	30,192	30,173	30,133	30,170
106	201401	2014	1	30,110	30,058	30,038	30,095	30,116	30,086	30,142	30,192	30,173	30,133
107	201402	2014	2	30,088	30,110	30,058	30,038	30,095	30,116	30,086	30,142	30,192	30,173
108	201403	2014	3	30,028	30,088	30,110	30,058	30,038	30,095	30,116	30,086	30,142	30,192
109	201404	2014	4	30,013	30,028	30,088	30,110	30,058	30,038	30,095	30,116	30,086	30,142
110	201501	2015	1	30,043	30,013	30,028	30,088	30,110	30,058	30,038	30,095	30,116	30,086
111	201502	2015	2	30,049	30,043	30,013	30,028	30,088	30,110	30,058	30,038	30,095	30,116
112	201503	2015	3	30,026	30,049	30,043	30,013	30,028	30,088	30,110	30,058	30,038	30,095
113	201504	2015	4	30,023	30,026	30,049	30,043	30,013	30,028	30,088	30,110	30,058	30,038
114	201601	2016	1	30,071	30,023	30,026	30,049	30,043	30,013	30,028	30,088	30,110	30,058
115	201602	2016	2	30,056	30,071	30,023	30,026	30,049	30,043	30,013	30,028	30,088	30,110
116	201603	2016	3	30,072	30,056	30,071	30,023	30,026	30,049	30,043	30,013	30,028	30,088
117	201604	2016	4	30,082	30,072	30,056	30,071	30,023	30,026	30,049	30,043	30,013	30,028
118	201701	2017	1	.	30,082	30,072	30,056	30,071	30,023	30,026	30,049	30,043	30,013
119	201702	2017	2	.	.	30,082	30,072	30,056	30,071	30,023	30,026	30,049	30,043
120	201703	2017	3	.	.	.	30,082	30,072	30,056	30,071	30,023	30,026	30,049
121	201704	2017	4	.	.	.	.	30,082	30,072	30,056	30,071	30,023	30,026
122	201801	2018	1	.	.	.	.	.	30,082	30,072	30,056	30,071	30,023
123	201802	2018	2	.	.	.	.	.	.	30,082	30,072	30,056	30,071
124	201803	2018	3	.	.	.	.	.	.	.	30,082	30,072	30,056
125	201804	2018	4	.	.	.	.	.	.	.	.	30,082	30,072
126	201901	2019	1	.	.	.	.	.	.	.	.	.	30,082
127	201902	2019	2	.	.	.	.	.	.	.	.	.	.
128	201903	2019	3	.	.	.	.	.	.	.	.	.	.
129	201904	2019	4	.	.	.	.	.	.	.	.	.	.
130	202001	2020	1	.	.	.	.	.	.	.	.	.	.
131	202002	2020	2	.	.	.	.	.	.	.	.	.	.
132	202003	2020	3	.	.	.	.	.	.	.	.	.	.
133	202004	2020	4	.	.	.	.	.	.	.	.	.	.
134	202101	2021	1	.	.	.	.	.	.	.	.	.	.
135	202102	2021	2	.	.	.	.	.	.	.	.	.	.
136	202103	2021	3	.	.	.	.	.	.	.	.	.	.
137	202104	2021	4	.	.	.	.	.	.	.	.	.	.
138	202201	2022	1	.	.	.	.	.	.	.	.	.	.
139	202202	2022	2	.	.	.	.	.	.	.	.	.	.
140	202203	2022	3	.	.	.	.	.	.	.	.	.	.

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CIEmp</u>
105	201304	2013	4	1,350,667
106	201401	2014	1	1,334,333
107	201402	2014	2	1,353,733
108	201403	2014	3	1,355,733
109	201404	2014	4	1,379,700
110	201501	2015	1	1,371,156
111	201502	2015	2	1,391,085
112	201503	2015	3	1,401,154
113	201504	2015	4	1,419,188
114	201601	2016	1	1,406,251
115	201602	2016	2	1,426,745
116	201603	2016	3	1,428,711
117	201604	2016	4	1,447,175
118	201701	2017	1	1,433,879
119	201702	2017	2	1,449,657
120	201703	2017	3	1,449,768
121	201704	2017	4	1,471,632
122	201801	2018	1	1,458,967
123	201802	2018	2	1,475,254
124	201803	2018	3	1,474,269
125	201804	2018	4	1,495,449
126	201901	2019	1	1,481,346
127	201902	2019	2	1,496,828
128	201903	2019	3	1,494,153
129	201904	2019	4	1,514,607
130	202001	2020	1	1,498,646
131	202002	2020	2	1,515,477
132	202003	2020	3	1,510,393
133	202004	2020	4	1,529,612
134	202101	2021	1	1,512,910
135	202102	2021	2	1,526,986
136	202103	2021	3	1,523,223
137	202104	2021	4	1,543,627
138	202201	2022	1	1,527,643
139	202202	2022	2	1,542,072
140	202203	2022	3	1,538,650

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResUnit</u>	<u>DResUnit</u>	<u>ResUnitL</u>	<u>RESHS</u>	<u>RESHSL1</u>	<u>RESHSL2</u>	<u>RESHSL3</u>	<u>RESHSL4</u>
141	202204	2022	4	.	.	.	14,424	14,445	14,398	14,383	14,441
142	202301	2023	1	.	.	.	14,465	14,424	14,445	14,398	14,383
143	202302	2023	2	.	.	.	14,466	14,465	14,424	14,445	14,398
144	202303	2023	3	.	.	.	14,395	14,466	14,465	14,424	14,445
145	202304	2023	4	.	.	.	14,315	14,395	14,466	14,465	14,424
146	202401	2024	1	.	.	.	14,359	14,315	14,395	14,466	14,465
147	202402	2024	2	.	.	.	14,390	14,359	14,315	14,395	14,466
148	202403	2024	3	.	.	.	14,431	14,390	14,359	14,315	14,395
149	202404	2024	4	.	.	.	14,434	14,431	14,390	14,359	14,315
150	202501	2025	1	.	.	.	14,446	14,434	14,431	14,390	14,359
151	202502	2025	2	.	.	.	14,492	14,446	14,434	14,431	14,390
152	202503	2025	3	.	.	.	14,469	14,492	14,446	14,434	14,431
153	202504	2025	4	.	.	.	14,564	14,469	14,492	14,446	14,434
154	202601	2026	1	.	.	.	14,528	14,564	14,469	14,492	14,446
155	202602	2026	2	.	.	.	14,561	14,528	14,564	14,469	14,492
156	202603	2026	3	.	.	.	14,576	14,561	14,528	14,564	14,469
157	202604	2026	4	.	.	.	14,546	14,576	14,561	14,528	14,564
158	202701	2027	1	.	.	.	14,546	14,546	14,576	14,561	14,528
159	202702	2027	2	.	.	.	14,464	14,546	14,546	14,576	14,561
160	202703	2027	3	.	.	.	14,414	14,464	14,546	14,546	14,576
161	202704	2027	4	.	.	.	14,314	14,414	14,464	14,546	14,546
162	202801	2028	1	.	.	.	14,327	14,314	14,414	14,464	14,546
163	202802	2028	2	.	.	.	14,276	14,327	14,314	14,414	14,464
164	202803	2028	3	.	.	.	14,231	14,276	14,327	14,314	14,414
165	202804	2028	4	.	.	.	14,225	14,231	14,276	14,327	14,314
166	202901	2029	1	.	.	.	14,271	14,225	14,231	14,276	14,327
167	202902	2029	2	.	.	.	14,353	14,271	14,225	14,231	14,276
168	202903	2029	3	.	.	.	14,427	14,353	14,271	14,225	14,231
169	202904	2029	4	.	.	.	14,474	14,427	14,353	14,271	14,225
170	203001	2030	1	.	.	.	14,546	14,474	14,427	14,353	14,271
171	203002	2030	2	.	.	.	14,766	14,546	14,474	14,427	14,353
172	203003	2030	3	.	.	.	14,706	14,766	14,546	14,474	14,427

Obs	DTE	YEAR	QUARTER	RESHSL5	RESHSL6	RESHSL7	RESHSL8	SEA1	SEA2	SEA3	SEA4
141	202204	2022	4	14,450	14,325	14,172	14,040	-	-	1	-
142	202301	2023	1	14,441	14,450	14,325	14,172	-	-	-	1
143	202302	2023	2	14,383	14,441	14,450	14,325	1	-	-	-
144	202303	2023	3	14,398	14,383	14,441	14,450	-	1	-	-
145	202304	2023	4	14,445	14,398	14,383	14,441	-	-	1	-
146	202401	2024	1	14,424	14,445	14,398	14,383	-	-	-	1
147	202402	2024	2	14,465	14,424	14,445	14,398	1	-	-	-
148	202403	2024	3	14,466	14,465	14,424	14,445	-	1	-	-
149	202404	2024	4	14,395	14,466	14,465	14,424	-	-	1	-
150	202501	2025	1	14,315	14,395	14,466	14,465	-	-	-	1
151	202502	2025	2	14,359	14,315	14,395	14,466	1	-	-	-
152	202503	2025	3	14,390	14,359	14,315	14,395	-	1	-	-
153	202504	2025	4	14,431	14,390	14,359	14,315	-	-	1	-
154	202601	2026	1	14,434	14,431	14,390	14,359	-	-	-	1
155	202602	2026	2	14,446	14,434	14,431	14,390	1	-	-	-
156	202603	2026	3	14,492	14,446	14,434	14,431	-	1	-	-
157	202604	2026	4	14,469	14,492	14,446	14,434	-	-	1	-
158	202701	2027	1	14,564	14,469	14,492	14,446	-	-	-	1
159	202702	2027	2	14,528	14,564	14,469	14,492	1	-	-	-
160	202703	2027	3	14,561	14,528	14,564	14,469	-	1	-	-
161	202704	2027	4	14,576	14,561	14,528	14,564	-	-	1	-
162	202801	2028	1	14,546	14,576	14,561	14,528	-	-	-	1
163	202802	2028	2	14,546	14,546	14,576	14,561	1	-	-	-
164	202803	2028	3	14,464	14,546	14,546	14,576	-	1	-	-
165	202804	2028	4	14,414	14,464	14,546	14,546	-	-	1	-
166	202901	2029	1	14,314	14,414	14,464	14,546	-	-	-	1
167	202902	2029	2	14,327	14,314	14,414	14,464	1	-	-	-
168	202903	2029	3	14,276	14,327	14,314	14,414	-	1	-	-
169	202904	2029	4	14,231	14,276	14,327	14,314	-	-	1	-
170	203001	2030	1	14,225	14,231	14,276	14,327	-	-	-	1
171	203002	2030	2	14,271	14,225	14,231	14,276	1	-	-	-
172	203003	2030	3	14,353	14,271	14,225	14,231	-	1	-	-

Obs	DTE	YEAR	QUARTER	CICust	CICustL1	CICustL2	CICustL3	CICustL4	CICustL5	CICustL6	CICustL7	CICustL7	CICustL8
141	202204	2022	4	.	.	.	.	.	.	.	.	.	.
142	202301	2023	1	.	.	.	.	.	.	.	.	.	.
143	202302	2023	2	.	.	.	.	.	.	.	.	.	.
144	202303	2023	3	.	.	.	.	.	.	.	.	.	.
145	202304	2023	4	.	.	.	.	.	.	.	.	.	.
146	202401	2024	1	.	.	.	.	.	.	.	.	.	.
147	202402	2024	2	.	.	.	.	.	.	.	.	.	.
148	202403	2024	3	.	.	.	.	.	.	.	.	.	.
149	202404	2024	4	.	.	.	.	.	.	.	.	.	.
150	202501	2025	1	.	.	.	.	.	.	.	.	.	.
151	202502	2025	2	.	.	.	.	.	.	.	.	.	.
152	202503	2025	3	.	.	.	.	.	.	.	.	.	.
153	202504	2025	4	.	.	.	.	.	.	.	.	.	.
154	202601	2026	1	.	.	.	.	.	.	.	.	.	.
155	202602	2026	2	.	.	.	.	.	.	.	.	.	.
156	202603	2026	3	.	.	.	.	.	.	.	.	.	.
157	202604	2026	4	.	.	.	.	.	.	.	.	.	.
158	202701	2027	1	.	.	.	.	.	.	.	.	.	.
159	202702	2027	2	.	.	.	.	.	.	.	.	.	.
160	202703	2027	3	.	.	.	.	.	.	.	.	.	.
161	202704	2027	4	.	.	.	.	.	.	.	.	.	.
162	202801	2028	1	.	.	.	.	.	.	.	.	.	.
163	202802	2028	2	.	.	.	.	.	.	.	.	.	.
164	202803	2028	3	.	.	.	.	.	.	.	.	.	.
165	202804	2028	4	.	.	.	.	.	.	.	.	.	.
166	202901	2029	1	.	.	.	.	.	.	.	.	.	.
167	202902	2029	2	.	.	.	.	.	.	.	.	.	.
168	202903	2029	3	.	.	.	.	.	.	.	.	.	.
169	202904	2029	4	.	.	.	.	.	.	.	.	.	.
170	203001	2030	1	.	.	.	.	.	.	.	.	.	.
171	203002	2030	2	.	.	.	.	.	.	.	.	.	.
172	203003	2030	3	.	.	.	.	.	.	.	.	.	.

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CIEmp</u>
141	202204	2022	4	1,559,617
142	202301	2023	1	1,543,638
143	202302	2023	2	1,558,221
144	202303	2023	3	1,554,749
145	202304	2023	4	1,575,589
146	202401	2024	1	1,559,056
147	202402	2024	2	1,573,298
148	202403	2024	3	1,569,221
149	202404	2024	4	1,589,991
150	202501	2025	1	1,573,164
151	202502	2025	2	1,587,255
152	202503	2025	3	1,582,800
153	202504	2025	4	1,603,711
154	202601	2026	1	1,586,006
155	202602	2026	2	1,599,994
156	202603	2026	3	1,595,356
157	202604	2026	4	1,616,840
158	202701	2027	1	1,599,276
159	202702	2027	2	1,613,458
160	202703	2027	3	1,608,640
161	202704	2027	4	1,630,139
162	202801	2028	1	1,612,478
163	202802	2028	2	1,626,807
164	202803	2028	3	1,621,636
165	202804	2028	4	1,643,324
166	202901	2029	1	1,624,988
167	202902	2029	2	1,639,089
168	202903	2029	3	1,633,638
169	202904	2029	4	1,655,045
170	203001	2030	1	1,636,565
171	203002	2030	2	1,654,076
172	203003	2030	3	1,646,574

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResUnit</u>	<u>DResUnit</u>	<u>ResUnitL</u>	<u>RESHS</u>	<u>RESHSL1</u>	<u>RESHSL2</u>	<u>RESHSL3</u>	<u>RESHSL4</u>
173	203004	2030	4 .	.	.	.	14,797	14,706	14,766	14,546	14,474
174	203101	2031	1 .	.	.	.	14,848	14,797	14,706	14,766	14,546
175	203102	2031	2 .	.	.	.	14,858	14,848	14,797	14,706	14,766
176	203103	2031	3 .	.	.	.	14,858	14,858	14,848	14,797	14,706
177	203104	2031	4 .	.	.	.	14,902	14,858	14,858	14,848	14,797
178	203201	2032	1 .	.	.	.	15,050	14,902	14,858	14,858	14,848
179	203202	2032	2 .	.	.	.	15,060	15,050	14,902	14,858	14,858
180	203203	2032	3 .	.	.	.	15,054	15,060	15,050	14,902	14,858
181	203204	2032	4 .	.	.	.	15,178	15,054	15,060	15,050	14,902
182	203301	2033	1 .	.	.	.	15,359	15,178	15,054	15,060	15,050
183	203302	2033	2 .	.	.	.	15,502	15,359	15,178	15,054	15,060
184	203303	2033	3 .	.	.	.	15,574	15,502	15,359	15,178	15,054
185	203304	2033	4 .	.	.	.	15,726	15,574	15,502	15,359	15,178
186	203401	2034	1 .	.	.	.	15,920	15,726	15,574	15,502	15,359
187	203402	2034	2 .	.	.	.	15,922	15,920	15,726	15,574	15,502
188	203403	2034	3 .	.	.	.	16,137	15,922	15,920	15,726	15,574
189	203404	2034	4 .	.	.	.	16,246	16,137	15,922	15,920	15,726
190	203501	2035	1 .	.	.	.	16,465	16,246	16,137	15,922	15,920
191	203502	2035	2 .	.	.	.	16,424	16,465	16,246	16,137	15,922
192	203503	2035	3 .	.	.	.	16,547	16,424	16,465	16,246	16,137
193	203504	2035	4 .	.	.	.	16,638	16,547	16,424	16,465	16,246
194	203601	2036	1 .	.	.	.	16,715	16,638	16,547	16,424	16,465
195	203602	2036	2 .	.	.	.	16,551	16,715	16,638	16,547	16,424
196	203603	2036	3 .	.	.	.	16,610	16,551	16,715	16,638	16,547
197	203604	2036	4 .	.	.	.	16,665	16,610	16,551	16,715	16,638
198	203701	2037	1 .	.	.	.	16,668	16,665	16,610	16,551	16,715
199	203702	2037	2 .	.	.	.	16,735	16,668	16,665	16,610	16,551
200	203703	2037	3 .	.	.	.	16,762	16,735	16,668	16,665	16,610
201	203704	2037	4 .	.	.	.	16,758	16,762	16,735	16,668	16,665
202	203801	2038	1 .	.	.	.	16,669	16,758	16,762	16,735	16,668



Obs	DTE	YEAR	QUARTER	RESHSL5	RESHSL6	RESHSL7	RESHSL8	SEA1	SEA2	SEA3	SEA4
173	203004	2030	4	14,427	14,353	14,271	14,225	-	-	1	-
174	203101	2031	1	14,474	14,427	14,353	14,271	-	-	-	1
175	203102	2031	2	14,546	14,474	14,427	14,353	1	-	-	-
176	203103	2031	3	14,766	14,546	14,474	14,427	-	1	-	-
177	203104	2031	4	14,706	14,766	14,546	14,474	-	-	1	-
178	203201	2032	1	14,797	14,706	14,766	14,546	-	-	-	1
179	203202	2032	2	14,848	14,797	14,706	14,766	1	-	-	-
180	203203	2032	3	14,858	14,848	14,797	14,706	-	1	-	-
181	203204	2032	4	14,858	14,858	14,848	14,797	-	-	1	-
182	203301	2033	1	14,902	14,858	14,858	14,848	-	-	-	1
183	203302	2033	2	15,050	14,902	14,858	14,858	1	-	-	-
184	203303	2033	3	15,060	15,050	14,902	14,858	-	1	-	-
185	203304	2033	4	15,054	15,060	15,050	14,902	-	-	1	-
186	203401	2034	1	15,178	15,054	15,060	15,050	-	-	-	1
187	203402	2034	2	15,359	15,178	15,054	15,060	1	-	-	-
188	203403	2034	3	15,502	15,359	15,178	15,054	-	1	-	-
189	203404	2034	4	15,574	15,502	15,359	15,178	-	-	1	-
190	203501	2035	1	15,726	15,574	15,502	15,359	-	-	-	1
191	203502	2035	2	15,920	15,726	15,574	15,502	1	-	-	-
192	203503	2035	3	15,922	15,920	15,726	15,574	-	1	-	-
193	203504	2035	4	16,137	15,922	15,920	15,726	-	-	1	-
194	203601	2036	1	16,246	16,137	15,922	15,920	-	-	-	1
195	203602	2036	2	16,465	16,246	16,137	15,922	1	-	-	-
196	203603	2036	3	16,424	16,465	16,246	16,137	-	1	-	-
197	203604	2036	4	16,547	16,424	16,465	16,246	-	-	1	-
198	203701	2037	1	16,638	16,547	16,424	16,465	-	-	-	1
199	203702	2037	2	16,715	16,638	16,547	16,424	1	-	-	-
200	203703	2037	3	16,551	16,715	16,638	16,547	-	1	-	-
201	203704	2037	4	16,610	16,551	16,715	16,638	-	-	1	-
202	203801	2038	1	16,665	16,610	16,551	16,715	-	-	-	1

Obs	DTE	YEAR	QUARTER	CICust	CICustL1	CICustL2	CICustL3	CICustL4	CICustL5	CICustL6	CICustL7	CICustL7	CICustL8
173	203004	2030	4	.	.	.	.	.	.	.	.	.	.
174	203101	2031	1	.	.	.	.	.	.	.	.	.	.
175	203102	2031	2	.	.	.	.	.	.	.	.	.	.
176	203103	2031	3	.	.	.	.	.	.	.	.	.	.
177	203104	2031	4	.	.	.	.	.	.	.	.	.	.
178	203201	2032	1	.	.	.	.	.	.	.	.	.	.
179	203202	2032	2	.	.	.	.	.	.	.	.	.	.
180	203203	2032	3	.	.	.	.	.	.	.	.	.	.
181	203204	2032	4	.	.	.	.	.	.	.	.	.	.
182	203301	2033	1	.	.	.	.	.	.	.	.	.	.
183	203302	2033	2	.	.	.	.	.	.	.	.	.	.
184	203303	2033	3	.	.	.	.	.	.	.	.	.	.
185	203304	2033	4	.	.	.	.	.	.	.	.	.	.
186	203401	2034	1	.	.	.	.	.	.	.	.	.	.
187	203402	2034	2	.	.	.	.	.	.	.	.	.	.
188	203403	2034	3	.	.	.	.	.	.	.	.	.	.
189	203404	2034	4	.	.	.	.	.	.	.	.	.	.
190	203501	2035	1	.	.	.	.	.	.	.	.	.	.
191	203502	2035	2	.	.	.	.	.	.	.	.	.	.
192	203503	2035	3	.	.	.	.	.	.	.	.	.	.
193	203504	2035	4	.	.	.	.	.	.	.	.	.	.
194	203601	2036	1	.	.	.	.	.	.	.	.	.	.
195	203602	2036	2	.	.	.	.	.	.	.	.	.	.
196	203603	2036	3	.	.	.	.	.	.	.	.	.	.
197	203604	2036	4	.	.	.	.	.	.	.	.	.	.
198	203701	2037	1	.	.	.	.	.	.	.	.	.	.
199	203702	2037	2	.	.	.	.	.	.	.	.	.	.
200	203703	2037	3	.	.	.	.	.	.	.	.	.	.
201	203704	2037	4	.	.	.	.	.	.	.	.	.	.
202	203801	2038	1	.	.	.	.	.	.	.	.	.	.

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CIEmp</u>
173	203004	2030	4	1,667,188
174	203101	2031	1	1,649,256
175	203102	2031	2	1,664,029
176	203103	2031	3	1,658,522
177	203104	2031	4	1,680,649
178	203201	2032	1	1,662,124
179	203202	2032	2	1,676,547
180	203203	2032	3	1,670,877
181	203204	2032	4	1,692,960
182	203301	2033	1	1,674,257
183	203302	2033	2	1,688,866
184	203303	2033	3	1,683,177
185	203304	2033	4	1,705,831
186	203401	2034	1	1,686,890
187	203402	2034	2	1,701,471
188	203403	2034	3	1,695,560
189	203404	2034	4	1,718,250
190	203501	2035	1	1,699,502
191	203502	2035	2	1,714,158
192	203503	2035	3	1,708,371
193	203504	2035	4	1,731,338
194	203601	2036	1	1,712,538
195	203602	2036	2	1,727,490
196	203603	2036	3	1,721,753
197	203604	2036	4	1,744,986
198	203701	2037	1	1,725,559
199	203702	2037	2	1,740,459
200	203703	2037	3	1,734,644
201	203704	2037	4	1,758,030
202	203801	2038	1	1,738,192

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>ResUnit</u>	<u>DResUnit</u>	<u>ResUnitL</u>	<u>RESHS</u>	<u>RESHSL1</u>	<u>RESHSL2</u>	<u>RESHSL3</u>	<u>RESHSL4</u>
203	203802	2038	2	.	.	.	16,725	16,669	16,758	16,762	16,735
204	203803	2038	3	.	.	.	16,699	16,725	16,669	16,758	16,762
205	203804	2038	4	.	.	.	16,699	16,699	16,725	16,669	16,758
206	203901	2039	1	.	.	.	16,564	16,699	16,699	16,725	16,669
207	203902	2039	2	.	.	.	16,621	16,564	16,699	16,699	16,725
208	203903	2039	3	.	.	.	16,583	16,621	16,564	16,699	16,699
209	203904	2039	4	.	.	.	16,612	16,583	16,621	16,564	16,699
210	204001	2040	1	.	.	.	16,477	16,612	16,583	16,621	16,564
211	204002	2040	2	.	.	.	16,606	16,477	16,612	16,583	16,621
212	204003	2040	3	.	.	.	16,673	16,606	16,477	16,612	16,583
213	204004	2040	4	.	.	.	16,731	16,673	16,606	16,477	16,612
214	204101	2041	1	.	.	.	16,578	16,731	16,673	16,606	16,477
215	204102	2041	2	.	.	.	16,696	16,578	16,731	16,673	16,606
216	204103	2041	3	.	.	.	16,741	16,696	16,578	16,731	16,673
217	204104	2041	4	.	.	.	16,799	16,741	16,696	16,578	16,731

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>RESHSL5</u>	<u>RESHSL6</u>	<u>RESHSL7</u>	<u>RESHSL8</u>	SEA1	SEA2	SEA3	SEA4
203	203802	2038	2	16,668	16,665	16,610	16,551	1	-	-	-
204	203803	2038	3	16,735	16,668	16,665	16,610	-	1	-	-
205	203804	2038	4	16,762	16,735	16,668	16,665	-	-	1	-
206	203901	2039	1	16,758	16,762	16,735	16,668	-	-	-	1
207	203902	2039	2	16,669	16,758	16,762	16,735	1	-	-	-
208	203903	2039	3	16,725	16,669	16,758	16,762	-	1	-	-
209	203904	2039	4	16,699	16,725	16,669	16,758	-	-	1	-
210	204001	2040	1	16,699	16,699	16,725	16,669	-	-	-	1
211	204002	2040	2	16,564	16,699	16,699	16,725	1	-	-	-
212	204003	2040	3	16,621	16,564	16,699	16,699	-	1	-	-
213	204004	2040	4	16,583	16,621	16,564	16,699	-	-	1	-
214	204101	2041	1	16,612	16,583	16,621	16,564	-	-	-	1
215	204102	2041	2	16,477	16,612	16,583	16,621	1	-	-	-
216	204103	2041	3	16,606	16,477	16,612	16,583	-	1	-	-
217	204104	2041	4	16,673	16,606	16,477	16,612	-	-	1	-

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CICust</u>	<u>CICustL1</u>	<u>CICustL2</u>	<u>CICustL3</u>	<u>CICustL4</u>	<u>CICustL5</u>	<u>CICustL6</u>	<u>CICustL7</u>	<u>CICustL7</u>	<u>CICustL8</u>
203	203802	2038	2	.	.	.	.	.	.	.	.	.	.
204	203803	2038	3	.	.	.	.	.	.	.	.	.	.
205	203804	2038	4	.	.	.	.	.	.	.	.	.	.
206	203901	2039	1	.	.	.	.	.	.	.	.	.	.
207	203902	2039	2	.	.	.	.	.	.	.	.	.	.
208	203903	2039	3	.	.	.	.	.	.	.	.	.	.
209	203904	2039	4	.	.	.	.	.	.	.	.	.	.
210	204001	2040	1	.	.	.	.	.	.	.	.	.	.
211	204002	2040	2	.	.	.	.	.	.	.	.	.	.
212	204003	2040	3	.	.	.	.	.	.	.	.	.	.
213	204004	2040	4	.	.	.	.	.	.	.	.	.	.
214	204101	2041	1	.	.	.	.	.	.	.	.	.	.
215	204102	2041	2	.	.	.	.	.	.	.	.	.	.
216	204103	2041	3	.	.	.	.	.	.	.	.	.	.
217	204104	2041	4	.	.	.	.	.	.	.	.	.	.

<u>Obs</u>	<u>DTE</u>	<u>YEAR</u>	<u>QUARTER</u>	<u>CIEmp</u>
203	203802	2038	2	1,753,039
204	203803	2038	3	1,747,328
205	203804	2038	4	1,770,797
206	203901	2039	1	1,750,878
207	203902	2039	2	1,765,957
208	203903	2039	3	1,760,022
209	203904	2039	4	1,783,480
210	204001	2040	1	1,763,703
211	204002	2040	2	1,782,515
212	204003	2040	3	1,774,608
213	204004	2040	4	1,797,469
214	204101	2041	1	1,777,770
215	204102	2041	2	1,793,398
216	204103	2041	3	1,787,453
217	204104	2041	4	1,811,816