

1. Please provide, by month for the most recent twelve months available, a distribution of residential water accounts by water consumption levels in ranges of 3 CCF. Use a reasonable top-end consumption level in this distribution. **A bill tabulation report was provided separately.**
2. Please provide the spreadsheet, with all formulae intact, used by RFC in determining the percentage discount levels required to achieve designated percentage of income burdens. This spreadsheet should be the spreadsheet used to derive responses to the remaining questions below. **The Affordability Program Cost Model was provided via email on Friday, September 11<sup>th</sup>.**

**In order to answer questions 3-9, we have calculated the required discount to reduce an average bill of \$67.43 to an affordable bill under the affordability thresholds provided in the question. These calculations do not include any elements of the Affordability Program proposed by the Department.**

3. Please set forth RFC's determination of the average percentage discounts, to two decimal places, if the following percentage of income targets were used for households between **0-50% FPL** (Median tier income = \$5,000):
  - a. 2%      **87.64%**
  - b. 2.5%    **84.55%**
  - c. 3%      **81.46%**
4. Please set forth RFC's determination of the average percentage discounts, to two decimal places, if the following percentage of income targets were used for households between **50-100% FPL** (Median tier income = \$13,800):
  - a. 2%      **65.89%**
  - b. 2.5%    **57.36%**
  - c. 3%      **48.84%**
5. Please set forth RFC's determination of the average percentage discounts, to two decimal places, if the following percentage of income targets were used for households between **100-150% FPL** (Median tier income = \$22,800):
  - a. 2%      **43.65%**
  - b. 2.5%    **29.56%**
  - c. 3%      **15.47%**
6. Please set forth RFC's determination of the average percentage discounts, to two decimal places, if the following percentage of income targets were used for households between **0-150% FPL** (Median tier income = \$14,700):
  - a. 2%      **63.67%**
  - b. 2.5%    **54.58%**
  - c. 3%      **45.50%**
7. Please set forth RFC's determination of the average percentage discounts, to two decimal places, if the following percentage of income targets were used for households between **150-200% FPL** (Median tier income = \$31,900):
  - a. 3%      **0.00%**
  - b. 3.5%    **0.00%**
  - c. 4%      **0.00%**

8. Please set forth RFC's determination of the percentage discounts, to two decimal places, if the following percentage of income targets were used for households between **200-250% FPL** (Median tier income = \$41,800):
- a. 3%      0.00%
  - b. 3.5%    0.00%
  - c. 4%       0.00%
9. Please set forth RFC's determination of the percentage discounts, to two decimal places, if the following percentage of income targets were used for households between **150-250% FPL** (Median tier income = \$36,000):
- a. 3%      0.00%
  - b. 3.5%    0.00%
  - c. 4%       0.00%

**In order to answer questions 10-11, we have applied the discounts calculated above to a bill calculated using the consumptions provided in the question. These calculations do not include any elements of the Affordability Program proposed by the Department.**

10. Please calculate the actual bills that would be rendered to families under the assumptions set forth below, using the discounts calculated in response to questions 3-6 above:

- a. Percentage Discount (Answers to 3-5 above)

	Consumption MCF/month	Calculated Bill Amount	Discounted Bill @2.00%	Discounted Bill @2.50%	Discounted Bill @3.00%
0-50% of FPL	0.3	\$ 47.30	\$ 5.85	\$ 7.31	\$ 8.77
0-50% of FPL	0.6	\$ 67.43	\$ 8.33	\$ 10.42	\$ 12.50
0-50% of FPL	0.9	\$ 87.57	\$ 10.82	\$ 13.53	\$ 16.23
0-50% of FPL	1.2	\$ 107.70	\$ 13.31	\$ 16.64	\$ 19.97
50-100% of FPL	0.3	\$ 47.30	\$ 16.13	\$ 20.17	\$ 24.20
50-100% of FPL	0.6	\$ 67.43	\$ 23.00	\$ 28.75	\$ 34.50
50-100% of FPL	0.9	\$ 87.57	\$ 29.87	\$ 37.34	\$ 44.80
50-100% of FPL	1.2	\$ 107.70	\$ 36.74	\$ 45.92	\$ 55.11
100-150% of FPL	0.3	\$ 47.30	\$ 26.65	\$ 33.32	\$ 39.98
100-150% of FPL	0.6	\$ 67.43	\$ 38.00	\$ 47.50	\$ 57.00
100-150% of FPL	0.9	\$ 87.57	\$ 49.35	\$ 61.69	\$ 74.02
100-150% of FPL	1.2	\$ 107.70	\$ 60.70	\$ 75.87	\$ 91.04

- b. Percentage Discount (Answer to 6 above)

	Consumption MCF/month	Calculated Bill Amount	Discounted Bill @2.00%	Discounted Bill @2.50%	Discounted Bill @3.00%
0-150% of FPL	0.3	\$ 47.30	\$ 17.18	\$ 21.48	\$ 25.78
0-150% of FPL	0.6	\$ 67.43	\$ 24.50	\$ 30.63	\$ 36.75
0-150% of FPL	0.9	\$ 87.57	\$ 31.82	\$ 39.77	\$ 47.73
0-150% of FPL	1.2	\$ 107.70	\$ 39.13	\$ 48.92	\$ 58.70

11. Please calculate the actual bills that would be rendered to families under the assumptions set forth below, using the discounts calculated in response to questions 5-7 above:

a. Percentage Discount (Answers to 7-8 above)

	Consumption MCF/month	Calculated Bill Amount	Discounted Bill @3.00%	Discounted Bill @3.50%	Discounted Bill @4.00%
150-200% of FPL	0.3	\$ 47.30	\$ 47.30	\$ 47.30	\$ 47.30
150-200% of FPL	0.6	\$ 67.43	\$ 67.43	\$ 67.43	\$ 67.43
150-200% of FPL	0.9	\$ 87.57	\$ 87.57	\$ 87.57	\$ 87.57
150-200% of FPL	1.2	\$ 107.70	\$ 107.70	\$ 107.70	\$ 107.70
200-250% of FPL	0.3	\$ 47.30	\$ 47.30	\$ 47.30	\$ 47.30
200-250% of FPL	0.6	\$ 67.43	\$ 67.43	\$ 67.43	\$ 67.43
200-250% of FPL	0.9	\$ 87.57	\$ 87.57	\$ 87.57	\$ 87.57
200-250% of FPL	1.2	\$ 107.70	\$ 107.70	\$ 107.70	\$ 107.70

b. Percentage Discount (Answer to 9 above)

	Consumption MCF/month	Calculated Bill Amount	Discounted Bill @3.00%	Discounted Bill @3.50%	Discounted Bill @4.00%
150-250% of FPL	0.3	\$ 47.30	\$ 47.30	\$ 47.30	\$ 47.30
150-250% of FPL	0.6	\$ 67.43	\$ 67.43	\$ 67.43	\$ 67.43
150-250% of FPL	0.9	\$ 87.57	\$ 87.57	\$ 87.57	\$ 87.57
150-250% of FPL	1.2	\$ 107.70	\$ 107.70	\$ 107.70	\$ 107.70

1. Please calculate the estimated number of PWD customers who are believed to be in the following income ranges (please explain all assumptions used to arrive at these estimates and provide any applicable data set utilized):

- a. 0-50% FPL: 4,393
- b. 50-100% FPL: 23,803
- c. 100-150% FPL: 51,301
- d. 150-200% FPL: 86,057
- e. 200-250% FPL: 122,749