

MEMORANDUM

TO: Mayor and Council

CC: Elaine Hart, Interim City Manager

FROM: Jackie A. Sargent, General Manager

DATE: December 11, 2017

SUBJECT: Semi Annual Report for Resolution No. 20130523-069

Austin Energy submits the 9th semi-annual report in response to Resolution No. 20130523-069, requiring Austin Energy to investigate possible effects of participation in multifamily property energy efficiency rebate programs on rental prices. As with all previous reports, there is no evidence of a direct or indirect relationship between multifamily rebate participation and rent price changes. From December 2013 through October 2017, statistical analysis shows that participation in the multifamily rebate program has not led to rent increases.

Renters residing in multifamily complexes currently comprise approximately 47% of all Austin Energy residential customers. This percentage does not include those living in other types of rental properties (such as single family homes). These customers pay into the Community Benefit Charge but cannot individually take advantage of energy efficiency improvements and rebates as can homeowners. The multifamily rebate program allows these apartment residents to benefit from energy efficiency measures undertaken by the building owners and see energy savings that can lead to lower utility bills.

One concern raised by a previous Council was the issue of possible rent increases as related to rebate program participation. The theory was that property owners might increase rents as a way to offset their share of energy efficiency improvement costs, especially in light of the energy savings going to the residents and not the property owners. The resolution was designed to determine if such a relationship exists.

Austin Energy analysis includes the following data:

- Properties in the analysis included those with rebates over \$50,000 and that can be found in the Investors Interest database for the purposes of analysis
- 46 properties (covering over 9,000 units) received energy efficiency rebates.
 - o 9 of those properties were listed with the Austin Tenants Council as low income properties.
 - Additionally, many of these multifamily rebated properties reside in zip codes where census data reveals a higher than average percentage of households at or below the federal poverty level.

In order to provide quality comparisons, each rebated property was matched with a comparable property by location and/or class and year built. Including similar properties that have not gone through an energy efficiency rebate allows for better analysis of the impact of rebate participation on rental prices. Figure 1 below shows the locations of the rebated apartments along with the comparable properties for this report. Rebated properties were dispersed across the service territory and across council districts.

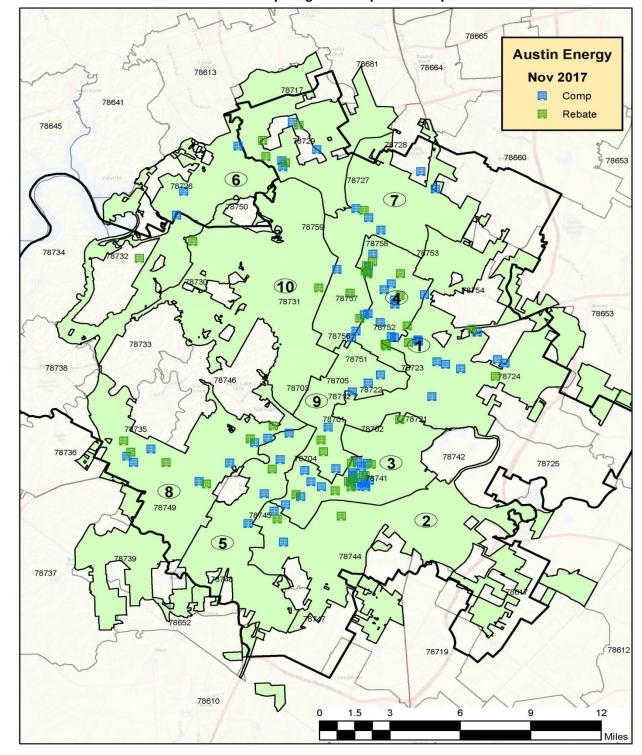


FIGURE 1. Participating and Comparable Properties

Note: Comparable properties did not participate in a rebate program but have the same characteristics and classification as the adjacent rebated property.

¹ The following data sources were used:

- Austin Energy Multifamily Rebate Program participation data
- Austin Investors Interest multifamily apartment data

There were no consistent findings when comparing rebated complexes against similar complexes. Occupancy rates remain high, between 83% and 100%. Rent per square foot remains stable from the previous report.



FIGURE 2. Rebated Properties and Comparable Properties, Rent per Square Foot

Note: Appendix A provides the correlation data for the graph above as well as detailed data. Graph data includes properties that rebates above \$50,000 and for which comparable properties were available for analysis.

As shown in Figure 2 above, rents have steadily increased for both rebated complexes and comparable properties not receiving rebates. This data demonstrates that changes in rents are not a function of energy efficiency improvements or rebate participation. Rather, increases in rent are a function of market fluctuations, amenity offerings, and building improvements. While the gaps appear to be narrowing, any gap changes in the above graph are not statistically significant.

Figure 3 below depicts the linear rent per square foot changes over time and reflects the impact of market adjustments. While change may occur quarter to quarter, the trend for both rebated and non-rebated properties is a steady decline in increases in rent per quarter foot values over time. Market adjustments are common in the multifamily property world, regardless of rebate participation. Current data indicates a possible stabilization across rental properties.



FIGURE 3. Rebated Properties and Comparable Properties, Changes in Rent per Square Foot

Analysis conducted in the course of nine studies demonstrates that no relationship exists between multifamily rebate participation and rent changes. There is a linear decline in both rebated a non-rebated properties in terms of changes in rent over time. Rent per square foot appears to remain a function of market conditions, which may be stabilizing in the current market. The consistent benefit of rebate participation is the reduction in energy use which can lead to lower utility bills and enhanced comfort for multifamily residents.

The calculation of energy savings is conducted using industry algorithms, as documented in the Technical Reference Manual (TRM). The TRM is used by Public Utility Commissions to calculate the energy and demand impacts, as well as the cost effectiveness of utility energy efficiency and load management programs. In response to a question raised at the November 2017 Austin Energy Utility Oversight Committee meeting, the next report will include the demonstration of actual (versus modeled) energy savings in rebated apartment complexes (where occupancy has remained unchanged) as compared to non-rebated (comparable) complexes. Based on Council feedback at that meeting, this report will now be delivered annually, since findings since 2013 have consistently demonstrated no correlation between program participation and rent changes. Therefore, this data will be provided in the December 2018 report.

APPENDIX A

Table 1 provides the correlations, or relationships, across the data. These relationships show which variables are related to each other, with numbers closer to 1.0 indicating a strong relationship or impact. As seen in previous reports, there is a positive correlation between the amount of rebate dollars spent and the amount of both kW and kWh saved. These savings directly impact the utility bills of the apartment residents. This indicates that spending money on rebates in multifamily complexes saves energy which can, in turn, lower electricity bills for those residents. Regardless of the relationships shown below, the most important result was that there was a continuation of evidence of no impact of rebates on rents, yet rebates can reduce energy consumption.

Table 1. Correlation Matrix

	Occupancy Rate	Rent Per Square Foot	Rebate	kW Savings	kWh Savings
Occupancy Rate	1				
Rent Per Square Foot	-0.11	1			
Rebate	0.50	-0.67	1		
kW Savings	0.56	0.19	0.69	1	
kWh Savings	0.30	0.82	0.63	0.53	1

Note: A positive correlation is indicated by a number greater than 0.0 and no greater than 1.0. A negative correlation, or relationship, is indicated by a number less than 0.0 and no less than -1.0. A significant or meaningful relationship is shown by numbers greater than 0.5.

The data sources include:

- Austin Energy Multifamily Rebate Program participation data
- Austin Investors Interest multifamily apartment data

Attachment A provides the data for the current analysis.

Attachment A. Rent and Occupancy Data, Rebated and Non Rebated (Comparable) Properties

Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4013	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$ 0.96	\$ 1.05	\$ 0.96	\$ 1.27	\$1.03	\$1.09	\$1.07	\$1.02	\$ 1.06	\$1.09	\$1.27	\$0.98		\$1.02	\$1.09	\$1.09	-
Rebate	\$0.70	\$0.70	\$0.70	\$0.73	\$0.74	\$0.75	\$0.76	\$ 0.83	\$0.84	\$0.84	Ψ ±1=7	\$0.87		\$ 0.83	\$0.84		\$0.91
Comp	\$1.15	\$1.23	\$1.12	\$1.29	\$1.31	\$1.27	\$1.27	\$1.31	\$1.26	\$1.24		\$1.21		\$1.20	\$1.23	\$1.27	H
Comp	\$1.11	\$1.10	\$1.20	\$1.20	\$1.20	\$1.17	\$1.27	\$1.19	\$1.14	\$1.29	\$1.14	\$1.14	\$1.14	\$1.15	\$1.28	\$1.28	
Comp	\$1.00	\$1.01	\$1.08	\$1.07	\$1.07	\$1.09	\$1.26	\$1.09	\$1.12	\$1.09	\$ 1.05	\$1.05		\$1.05	\$1.09	\$1.09	+
'					·												
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	93%	94%	95%	95%	95%	96%	95%	94%	94%	95%	96%	100%	98%	94%	95%	99%	96%
Rebate	99%	91%	97%	96%	96%	97%	97%	94%	92%	90%		94%	94%	96%	100%	98%	95%
Comp	95%	93%	93%	90%	92%	95%	96%	96%	96%	97%		97%	97%	95%	95%	96%	97%
Comp	94%	97%	96%	96%	97%	95%	96%	97%	96%	98%	96%	97%	96%	86%	94%	94%	94%
Comp	93%	97%	98%	97%	97%	95%	96%	98%	96%	96%	97%	99%	97%	95%	98%	100%	98%
Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$0.73	\$0.68	\$0.72	\$ 0.78	\$0.78	\$0.98	\$0.94	\$0.94	\$1.03	\$1.03		\$1.06	\$1.06	\$1.06	\$1.06	\$1.06	\$1.06
Comp	\$0.90	\$0.92	\$0.92	\$0.92	\$0.92	\$0.98	\$0.98	\$0.98	\$0.98	\$0.98	\$1.20	\$1.09	\$1.20	\$0.96	\$0.98	\$1.07	\$1.10
Comp	\$0.82	\$0.83	\$0.84	\$0.84	\$ 0.85	\$ 0.85	\$ 0.85	\$0.85	\$0.85	\$0.85		\$0.87	\$0.87	\$0.87	\$0.87	\$0.93	\$0.93
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	76%	82%	95%	94%	98%	100%	98%	90%	91%	90%		93%	93%	96%	99%	98%	99%
Comp	94%	94%	100%	100%	99%	98%	100%	98%	99%	99%	96%	96%	96%	96%	96%	96%	97%
Comp	92%	91%	95%	96%	98%	98%	100%	100%	100%	100%		96%	96%	98%	97%	100%	99%
Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16		4Q16	1Q17		3Q17
Rebate	\$0.81	\$0.81	\$0.98	\$ 0.98	\$1.00	\$1.00	\$1.00	\$1.02	\$1.02	\$1.02	\$1.05	\$1.10	\$1.05	\$0.94	\$0.95	\$1.01	\$1.01
Comp	\$ 0.65	\$ 0.65	\$0.65	\$ 0.69	\$0.70	\$0.70	\$ 0.70	\$0.70	\$0.70	\$0.70		\$0.72	\$0.72	\$0.72	\$0.72	\$0.70	_
Comp	\$0.74	\$0.74	\$0.74	\$0.74	\$0.76	\$0.76	\$0.76	\$0.76	\$0.76	\$0.76		\$0.87	\$0.87	\$0.87	\$0.87	\$0.93	\$0.93
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	100%	96%	95%	100%	93%	93%	96%	96%	98%	99%	94%	97%	94%	94%	92%	90%	90%
Comp	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		98%	98%	98%	99%	98%	99%
Comp	97%	93%	91%	100%	100%	100%	100%	100%	100%	100%		96%	96%	98%	97%	100%	99%

Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$ 0.84	\$ 0.86	\$0.90	\$ 0.92	\$ 0.93	\$ 0.93	\$ 0.93	\$ 0.96	\$ 0.96	\$0.96	\$ 0.94	\$0.92	\$0.94	\$0.97	\$0.97	\$0.97	\$0.97
Rebate	\$1.29	\$1.29	\$1.26	\$1.26	\$1.20	\$1.20	\$1.21	\$1.31	\$1.31	\$1.31		\$1.23	\$1.42	\$1.33	\$1.33	\$1.33	\$1.19
Comp	\$1.08	\$1.58	\$1.66	\$1.66	\$1.66	\$1.74	\$1.74	\$1.67	\$1.68	\$1.65	\$1.45	\$1.50	\$1.45	\$1.42	\$1.65	\$1.52	\$1.41
Comp	\$1.60	\$1.62	\$1.66	\$1.55	\$1.53	\$1.53	\$1.51	\$1.51	\$1.52	\$1.52		\$1.47	\$1.57	\$1.57	\$1.52	\$1.61	\$1.63
Comp	\$1.09	\$1.09	\$1.09	\$1.09	\$1.12	\$1.14	\$1.14	\$1.14	\$1.14	\$1.14	\$1.25	\$1.21	\$1.31	\$1.31	\$1.12	\$1.19	\$1.26
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	92%	97%	100%	92%	94%	94%	95%	93%	95%	95%	90%	95%	90%	93%	91%	86%	88%
Rebate	97%	98%	97%	95%	96%	96%	99%	100%	97%	95%		97%	82%	81%	83%	89%	92%
Comp	99%	98%	92%	95%	98%	98%	96%	100%	95%	98%	96%	97%	96%	95%	95%	96%	97%
Comp	96%	94%	92%	94%	96%	96%	97%	97%	98%	99%		90%	99%	96%	93%	96%	92%
Comp	95%	95%	99%	99%	100%	100%	100%	100%	99%	100%	94%	100%	94%	94%	94%	91%	91%
Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$ 1.14	\$ 1.14	\$ 1.11	\$ 1.11	\$ 1.14	\$ 1.14	\$1.16	\$1.16	\$1.16	\$1.16	\$ 1.12	\$1.08	\$1.12	\$1.10	\$1.15	\$1.21	\$1.16
Comp	\$ 1.13	\$1.20	\$1.20	\$ 1.23	\$1.23	\$1.28	\$1.28	\$1.31	\$1.26	\$1.27		\$1.16	\$1.21	\$1.13	\$1.27	\$1.15	\$1.15
Comp	\$1.12	\$1.06	\$1.10	\$1.17	\$1.20	\$1.20	\$1.19	\$1.16	\$1.20	\$1.23	\$1.28	\$1.26	\$1.28	\$1.28	\$1.23	\$1.24	\$1.30
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	96%	96%	96%	97%	97%	97%	93%	97%	98%	94%	82%	83%	82%	86%	88%	92%	90%
Comp	96%	97%	93%	97%	96%	96%	96%	93%	93%	95%	98%	96%	98%	98%	96%	96%	94%
Comp	92%	94%	94%	93%	93%	93%	93%	97%	93%	92%	96%	98%	96%	94%	93%	92%	87%
D	4043	1013	2012	2012	4042	1011	2014	2014	4044	4045	1016	2016	2016	1016	1017	2017	2017
Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$1.30	\$1.25	\$1.17	\$1.24	\$1.24	\$ 1.30	\$ 1.30	\$1.40	\$1.37	\$1.41	\$1.42	\$1.34	\$1.42	\$1.47	\$1.41	\$1.41	\$1.47
Comp	\$ 1.15	\$1.20	\$1.20	\$1.20	\$1.29	\$1.29	\$1.34	\$1.37	\$1.40	\$1.28	\$ 1.14	\$1.14	·	\$1.15	\$1.28	\$1.28	<u> </u>
Comp	\$1.23	\$ 1.23	\$ 1.23	\$1.23	\$1.27	\$ 1.34	\$ 1.34	\$1.34	\$1.36	\$1.36	¢ 1 .12	\$1.34	_	\$1.34	\$1.34	\$1.34	
Comp	\$1.23	\$1.23	\$1.24	\$1.24	\$1.33	\$ 1.35	\$ 1.35	\$ 1.35	\$1.41	\$1.42	\$1.43	\$1.45	\$1.43	\$1.41	\$1.42	\$1.45	\$1.32
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Property Occupancy % Rebate	90%	90%	99%	91%	91%	91%	96%	97%	96%	96%	95%	95%	95%	92%	94%	85%	93%
Comp	94%	99%	91%	97%	99%	99%	98%	100%	94%	92%	96%	97%	96%	86%	94%	94%	94%
Comp	99%	100%	98%	93%	96%	96%	96%	95%	95%	93%	3070	100%	100%	100%	100%	100%	100%
Comp	100%	99%	100%	98%	100%	100%	99%	100%	98%	100%	96%	96%	96%	98%	97%		99%
Comp	100/0	22/0	100/0	30/0	100/0	100/0	33/0	100%	90/0	100/0	3070	70/0	2070	30/0	31/0	100%	23/0

Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$1.50	\$1.64	\$1.83	\$1.83	\$1.82	\$1.81	\$ 1.85	\$ 1.93	\$1.93	\$1.93	\$1.86	\$1.92	\$1.86	\$1.88	\$1.99	\$1.99	\$1.94
Comp	\$ 1.25	\$ 1.30	\$ 1.30	\$ 1.34	\$ 1.34	\$1.34	\$1.34	\$1.34	\$1.34	\$1.34		\$1.33	\$1.33	\$1.33	\$1.33	\$1.33	\$1.33
Comp	\$1.06	\$1.06	\$0.94	\$1.59	\$1.59	\$1.64	\$1.72	\$1.72	\$ 1.72	\$1.71		\$1.64	\$1.64	\$1.71	\$1.71	\$1.70	\$1.70
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	97%	97%	98%	93%	97%	97%	96%	94%	95%	96%	98%	99%	98%	94%	96%	94%	98%
Comp	99%	99%	96%	96%	97%	96%	99%	98%	99%	99%		100%	100%	96%	97%	94%	94%
Comp	99%	99%	100%	97%	70%	70%	81%	80%	85%	85%		99%	99%	97%	99%	95%	95%
Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$0.85	\$ 0.85	\$ 0.85	\$0.91	\$ 0.89	\$ 0.89	\$ 0.98	\$ 0.98	\$ 1.14	\$ 1.14	\$1.12	\$1.08	\$1.12	\$1.10	\$1.15	\$1.21	\$1.16
Comp	\$1.14	\$1.16	\$1.19	\$1.19	\$1.19	\$1.25	\$1.08	\$ 1.09	\$1.09	\$1.11	\$1.25	\$1.21	\$1.31	\$1.31	\$1.12	\$1.19	\$1.26
Comp	\$0.87	\$ 1.11	\$ 0.95	\$1.23	\$1.24	\$1.32	\$1.32	\$1.32	\$1.21	\$1.43	\$1.41	\$1.46	\$1.41	\$1.43	\$1.43	\$1.44	\$1.44
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	100%	100%	100%	100%	100%	100%	100%	100%	9500%	100%	82%	83%	82%	86%	88%	92%	90%
Comp	100%	90%	96%	96%	98%	98%	100%	97%	97%	97%	94%	100%	94%	94%	94%	91%	91%
Comp	100%	100%	100%	96%	98%	98%	100%	99%	99%	99%	100%	99%	100%	100%	96%	95%	97%
Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$0.84	\$0.99	\$0.99	\$1.21	\$1.28	\$1.28	\$1.40	\$1.41	\$1.35	\$1.35		\$1.36	\$1.45	\$1.28	\$1.39	\$1.45	\$1.36
Rebate	\$0.95	\$ 1.05	\$ 1.05	\$1.33	\$1.37	\$1.43	\$1.50	\$ 1.54	\$1.53	\$1.53		\$1.64	\$1.66	\$1.55	\$1.53	\$1.65	\$1.59
Comp	\$0.85	\$0.88	\$0.84	\$1.04	\$0.94	\$1.03	\$ 1.11	\$ 1.14	\$1.00	\$1.09	\$1.05	\$1.05	\$1.05	\$1.05	\$1.09	\$1.09	\$1.09
Comp	\$1.10	\$1.10	\$1.14	\$1.14	\$ 1.14	\$ 1.14	\$ 1.11	\$ 1.13	\$1.13	\$1.07		\$0.98	\$0.98	\$1.09	\$1.09	\$1.09	\$1.09
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	100%	89%	85%	94%	90%	90%	90%	94%	93%	93%		94%	92%	92%	92%	97%	96%
Rebate	100%	10%	100%	88%	90%	90%	90%	94%	92%	94%		94%	95%	92%	93%	99%	93%
Comp	93%	97%	99%	93%	98%	98%	94%	99%	92%	97%	97%	99%	97%	95%	98%	100%	98%
Comp	99%	99%	99%	100%	99%	99%	99%	98%	98%	98%	98%	100%	98%	100%	98%	98%	98%
Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$1.04	\$ 1.05	\$ 1.05	\$1.05	\$1.06	\$1.06	\$ 1.05	\$ 1.05	\$ 1.05	\$1.05	\$1.27	\$0.98	\$0.98	\$1.09	\$1.09	\$1.09	\$1.09
Comp	\$ 1.02	\$ 1.03	\$ 1.00	\$ 1.05	\$ 1.08	\$1.02	\$1.05	\$1.08	\$1.09	\$1.10	\$1.25	\$1.21	\$1.31	\$1.31	\$1.12	\$1.19	\$1.26
Comp	\$1.05	\$1.03	\$1.08	\$1.08	\$ 1.05	\$1.04	\$1.98	\$ 1.12	\$1.08	\$1.08	\$1.05	\$1.05	\$1.05	\$1.05	\$1.09	\$1.09	\$1.09
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	94%	92%	100%	98%	96%	96%	94%	95%	95%	92%	96%	100%	98%	100%	98%	99%	96%
Comp	94%	96%	96%	95%	95%	95%	96%	96%	93%	94%	94%	100%	94%	94%	94%	91%	91%
Comp	91%	90%	91%	91%	94%	94%	91%	92%	92%	93%	97%	99%	97%	95%	98%	100%	98%

	4040	4040	2012	2012								2016	2046				2047
Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	_	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$ 0.98	\$1.06	\$ 1.13	\$1.13	\$ 1.14	\$ 1.14	\$1.25	\$1.28	\$1.28	\$1.28		\$1.28	\$1.27	\$1.20	\$1.28	\$1.33	\$1.28
Comp	\$ 0.98	\$1.13	\$0.99	\$1.00	\$1.00	\$1.02	\$1.04	\$ 1.07	\$1.07	\$1.10		\$1.09	\$1.09	\$1.09	\$1.09	\$1.10	\$1.13
Comp	\$0.97	\$1.00	\$1.01	\$1.07	\$1.01	\$1.01	\$1.01	\$1.01	\$1.01	\$1.01		\$0.96	\$0.96	\$0.96	\$0.98	\$0.98	\$0.99
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	91%	92%	96%	94%	93%	93%	98%	94%	96%	98%		97%	96%	92%	96%	98%	94%
Comp	97%	98%	98%	98%	100%	100%	100%	99%	100%	98%		99%	100%	100%	100%	100%	100%
Comp	89%	89%	95%	92%	96%	96%	89%	92%	95%	95%		100%	100%	100%	100%	100%	99%
Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$1.06	\$1.09	\$1.08	\$1.21	\$1.11	\$1.21	\$1.16	\$1.17	\$1.17	\$1.18	\$1.13	\$1.18	\$1.13	\$1.13	\$1.19	\$1.17	\$1.16
Comp	\$1.10	\$1.08	\$1.11	\$1.07	\$1.01	\$ 1.04	\$1.04	\$1.12	\$1.05	\$1.09	\$ 1.04	\$1.06	\$1.04	\$1.05	\$1.09	\$1.09	\$1.08
Comp	\$ 0.84	\$0.86	\$ 0.90	\$ 0.87	\$ 1.04	\$0.92	\$0.99	\$ 0.98	\$0.92	\$1.00		\$0.96	\$0.96	\$0.96	\$0.98	\$0.98	\$0.99
Comp	\$0.99	\$1.03	\$1.01	\$ 1.10	\$1.06	\$1.08	\$1.15	\$1.15	\$1.12	\$1.12	\$1.25	\$1.21	\$1.31	\$1.31	\$1.12	\$1.19	\$1.26
															-		
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4013	1Q14	2Q14	3Q14	4014	1015	1Q16	2Q16	3Q16	4Q16	1017	2Q17	3Q17
Rebate	91%	93%	98%	97%	93%	94%	95%	96%	92%	94%	89%	93%	89%	86%	91%	91%	92%
Comp	94%	98%	94%	95%	94%	95%	98%	98%	97%	98%	92%	93%	92%	95%	91%	92%	91%
Comp	96%	94%	98%	94%	96%	96%	94%	97%	95%	95%		100%	100%	100%	100%	100%	99%
Comp	86%	94%	97%	94%	92%	99%	97%	95%	92%	95%	94%	100%	94%	94%	94%	91%	91%
- ССр			3770	3 170	3270	3370	3770	3370	3270	3370	3 170	10070	3 .70	3 .70	3 .,,	3170	3270
Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$0.96	\$0.96	\$ 0.96	\$0.96	\$0.99	\$0.99	\$1.06	\$1.08	\$1.11	\$1.10		\$1.14	\$1.10	\$1.07	\$1.10	\$1.06	\$1.08
Comp	\$ 1.06	\$1.06	\$1.08	\$ 1.08	\$1.08	\$1.08	\$ 1.12	\$ 1.12	\$1.12	\$1.17	\$1.19	\$1.13	\$1.19	\$1.19	\$1.18	\$1.22	\$1.22
Comp	\$ 0.78	\$ 0.79	\$ 0.80	\$ 0.86	\$ 0.85	\$ 0.89	\$ 0.97	\$0.97	\$ 0.98	\$0.96	Ų 1.13	\$0.97	\$0.97	\$0.99	\$0.97	\$0.99	\$0.91
Comp	\$ 0.82	\$ 0.86	\$0.89	\$ 0.94	\$ 0.94	\$ 0.87	\$0.96	\$0.96	\$ 1.06	\$1.04		\$0.96	\$0.96	\$0.96	\$0.98	\$0.98	\$0.99
Соттр	→ U.UZ	¥ 0.00	70.03	Ş 0.54	\$ 0.54	\$ 0.07	\$ 0.50	\$ 0.50	Ş 1.00	Ţ 1.0∓		\$0.50	70.50	\$0.50	70.56	\$0.56	30.55
Property Occupancy %	4012	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3017
Rebate	93%	92%	96%	96%	96%	92%	97%	96%	97%	96%	1010	92%	94%	94%	94%	94%	94%
Comp	100%	98%	100%	100%	100%	97%	100%	100%	100%	100%	96%	96%	96%	96%	96%	97%	97%
Comp	91%	92%	92%	96%	94%	97%	97%	96%	97%	99%	3070	99%	99%	95%	95%	84%	92%
Comp	93%	95%	95%	97%	97%	93%	93%	93%	94%	97%		100%	100%	100%	100%	100%	99%
Соттр	3370	3370	3370	3770	3770	3370	3370	3370	3470	3770		100%	10070	10070	10070	100%	3370
Property Rent/SqFt	4012	1013	2Q13	3013	4Q13	1Q14	2014	3Q14	4Q14	1Q15	1Q16	2016	3Q16	4Q16	1Q17	2017	3017
Rebate	\$ 0.93	\$ 0.96	\$ 0.84	\$ 0.93	\$ 0.95	\$ 0.95	\$0.96	\$ 0.96	\$ 0.97	\$ 1.04	\$ 1.27	\$0.98	\$0.98	\$1.09	\$1.09	\$1.09	\$1.09
Comp	\$ 0.92	\$0.96	\$ 0.99	\$0.99	\$ 0.99	\$ 1.04	\$ 1.04	\$ 1.05	\$ 1.05	\$1.05	\$1.05	\$1.05	\$1.05	\$1.05	\$1.09	\$1.09	\$1.09
Сотр	\$ 0.94	\$ 1.02	\$ 1.02	\$ 1.06	\$ 1.02	\$ 0.98	\$1.04	\$ 1.06	\$ 1.06	\$1.03	\$1.03	\$1.06	\$1.03	\$1.05	\$1.09	\$1.09	\$1.08
	\$ 0.87	\$ 0.89	\$ 0.89	\$ 0.89	\$ 0.89	\$ 0.98	\$1.00	\$ 1.00	\$ 0.93	\$ 0.93	\$ 1.04	\$0.87	\$0.87	\$0.87	\$0.87	\$0.93	\$0.93
Comp	⇒ U.87	⊋ U.89	⊋ U.89	⊋ U.89	⇒ U.89	\$ U.98	\$ 1.UI	\$ 1.UI	⇒ U.93	⊋ U.93		7 ه. ن چ	7 ه. ن ډ	\$U.87	\$U.87	3U.93	φU.93
Duamantu Ossuman 0/	4013	1Q13	2Q13	3Q13	4013	1016	2014	2016	4014	1015	1016	2016	3Q16	4016	1017	2017	3Q17
Property Occupancy %	4Q12	-	-	,	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	-	4Q16	1Q17	2Q17	
Rebate	97%	96%	93%	95%	95%	98%	96%	97%	100%	96%	96%	100%	98%	100%	98%	99%	96%
Comp	100%	100%	100%	94%	99%	97%	100%	98%	92%	99%	97%	99%	97%	95%	98%	100%	98%
Comp	96%	93%	100%	99%	97%	99%	95%	97%	90%	90%	92%	93%	92%	95%	91%	92%	91%
Comp	99%	99%	98%	99%	100%	99%	99%	99%	99%	100%	96%	96%	96%	98%	97%	100%	99%

Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$1.60	\$1.62	\$1.66	\$ 1.55	\$1.54	\$1.53	\$1.51	\$1.51	\$1.52	\$1.52	-	\$1.64	\$1.66	\$1.55	\$1.53	\$1.65	\$1.59
Comp	\$1.24	\$1.35	\$1.35	\$1.35	\$1.35	\$1.35	\$1.35	\$1.41	\$ 1.41	\$1.41	\$1.43	\$1.45	\$1.43	\$1.41	\$1.42	\$1.45	\$1.32
Comp	\$1.08	\$1.57	\$ 1.65	\$1.66	\$1.67	\$1.74	\$1.74	\$1.67	\$1.68	\$1.65	\$1.45	\$1.50	\$1.45	\$1.42	\$1.65	\$1.52	\$1.41
- Comp	ψ 1.00	ψ 1.5 <i>7</i>	ψ 1.05	φ 1.00	φ 1.07	ψ ±17 .	Ψ 1.7 .	ψ 1.0 <i>i</i>	ψ 1.00	ψ 1.00	\$ 11.5	φ1.50	ψ11.5	Ψ12	φ1.03	Ψ1.5 2	Ψ1111
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	100%	95%	94%	92%	94%	96%	96%	96%	98%	99%		94%	95%	92%	93%	99%	93%
Comp	98%	97%	100%	97%	97%	97%	99%	98%	97%	100%	95%	95%	95%	91%	93%	93%	92%
Comp	96%	98%	97%	92%	94%	98%	96%	90%	95%	98%	96%	97%	96%	95%	95%	96%	97%
Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$0.87	\$0.93	\$0.91	\$1.05	\$1.03	\$1.03	\$0.96	\$ 1.05	\$1.02	\$1.02	\$1.12	\$1.08	\$1.12	\$1.10	\$1.15	\$1.21	\$1.16
Comp	\$1.04	\$0.97	\$1.02	\$1.03	\$1.01	\$1.01	\$1.07	\$1.08	\$1.03	\$1.15		\$1.12	\$1.15	\$1.15	\$1.16	\$1.16	\$1.16
Comp	\$1.07	\$1.05	\$1.06	\$1.05	\$1.10	\$1.10	\$1.14	\$ 1.15	\$1.09	\$1.09	\$1.19	\$1.13	\$1.19	\$1.19	\$1.18	\$1.22	\$1.22
Comp	\$0.92	\$ 0.95	\$1.05	\$1.05	\$1.05	\$1.07	\$1.07	\$1.07	\$1.14	\$1.13		\$0.98	\$0.98	\$1.09	\$1.09	\$1.09	\$1.09
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	94%	96%	90%	94%	88%	85%	93%	98%	93%	94%	82%	83%	82%	86%	88%	92%	90%
Comp	97%	96%	95%	94%	98%	97%	92%	95%	95%	94%		95%	99%	99%	99%	99%	93%
Comp	95%	97%	94%	93%	93%	94%	94%	95%	91%	91%	96%	96%	96%	96%	96%	97%	97%
Comp	95%	93%	94%	96%	95%	93%	93%	100%	95%	91%	98%	100%	98%	100%	98%	98%	98%
Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$1.21	\$1.30	\$1.27	\$1.34	\$1.26	\$1.29	\$1.40	\$ 1.45	\$1.34	\$1.32		\$1.27	\$1.28	\$1.32	\$1.32	\$1.30	\$1.30
Rebate	\$1.25	\$1.36	\$1.33	\$1.38	\$1.28	\$1.30	\$1.40	\$1.42	\$1.35	\$1.34	\$1.58	\$1.29	\$1.29	\$1.33	\$1.33	\$1.24	\$1.28
Comp	\$1.23	\$1.26	\$1.38	\$1.31	\$1.41	\$1.41	\$ 1.41	\$1.34	\$1.38	\$1.39		\$1.23	\$1.42	\$1.33	\$1.33	\$1.33	\$1.19
Comp	\$1.19	\$1.19	\$1.19	\$1.20	\$1.21	\$1.30	\$1.36	\$1.31	\$1.34	\$1.36	\$1.43	\$1.45	\$1.43	\$1.41	\$1.42	\$1.45	\$1.32
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	97%	99%	94%	96%	97%	96%	96%	97%	96%	94%		93%	99%	96%	96%	93%	94%
Rebate	97%	99%	94%	96%	97%	96%	96%	98%	96%	93%	98%	97%	98%	94%	92%	92%	94%
Comp	95%	93%	97%	92%	95%	97%	93%	91%	94%	94%		97%	82%	81%	83%	89%	92%
Comp	93%	93%	97%	97%	92%	96%	95%	97%	94%	94%	95%	95%	95%	91%	93%	93%	92%
Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$1.32	\$1.34	\$1.28	\$1.31	\$1.47	\$1.46	\$1.61	\$1.57	\$1.52	\$1.53		\$1.47	\$1.47	\$1.57	\$1.57	\$1.57	\$1.44
Comp	\$1.27	\$1.29	\$1.42	\$1.55	\$1.43	\$1.38	\$ 1.41	\$1.50	\$1.40	\$1.53	\$1.68	\$1.56	\$1.68	\$1.57	\$1.59	\$1.74	\$1.70
Comp	\$1.60	\$1.48	\$1.45	\$1.19	\$1.34	\$1.36	\$1.53	\$1.50	\$1.52	\$1.40		\$1.50	\$1.51	\$1.61	\$1.61	\$1.61	\$1.61
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	95%	98%	98%	97%	97%	90%	93%	92%	94%	90%		98%	98%	99%	99%	94%	94%
Comp	97%	98%	92%	95%	95%	96%	95%	95%	95%	98%	97%	96%	97%	92%	95%	94%	94%
Comp	97% 98%	98% 97%	92% 96%	95% 96%	95% 98%	96% 94%	95% 94%	95% 97%	95% 96%	98% 93%	97%	96% 74%	97% 100%	92% 100%	95% 100%	94% 79%	94% 100%

Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	\$0.90	\$ 0.90	\$ 0.92	\$ 0.93	\$ 9.96	\$ 0.96	\$ 1.01	\$1.02	\$ 0.97	\$ 1.01	\$ 1.34	\$1.25	-	\$1.24	\$1.25		
	-	\$ 1.02	\$ 1.13		\$ 1.00	\$ 1.00	\$ 1.01	\$ 1.02	\$ 1.11	\$ 1.01	Ş 1.54	\$1.23	\$1.23		\$1.25	<u> </u>	
Comp	\$ 0.96	\$ 0.92	\$ 0.94	\$ 1.13	\$ 0.99	\$1.00	\$ 0.99	\$ 0.99	\$ 1.11	\$ 1.08	\$1.45	<u> </u>	\$1.45	\$1.25 \$1.45	-	\$1.31	_
Comp	\$ 0.90	\$ 0.92	Ş U.94	\$0.99	\$ 0.99	\$ 1.04	\$ 0.99	\$ 0.99	\$ 1.05	\$ 1.05	\$ 1.45	\$1.40	\$1.45	\$1.45	\$1.27	\$1.56	\$1.45
D	4Q12	1Q13	2Q13	3Q13	4043	1011	2Q14	3Q14	4014	1015	1016	2Q16	3Q16	1016	1017	2Q17	3Q17
Property Occupancy %	93%	92%	98%	95%	4Q13 94%	1Q14 96%	95%	95%	4Q14 94%	1Q15 95%	1Q16	92%	94%	4Q16 88%	1Q17 86%	68%	94%
Rebate	93%	94%		95%	94%		93%	95%	94%	95%		95%	94%	97%	89%	97%	94%
Comp			93%			96%					070/						
Comp	100%	95%	98%	97%	97%	92%	87%	96%	96%	96%	97%	93%	97%	94%	89%	98%	96%
Duamantu Dant /Cart	4Q12	1Q13	2Q13	3Q13	4012	1Q14	2Q14	3Q14	4Q14	1015	1016	2Q16	3Q16	4016	1Q17	2Q17	3Q17
Property Rent/SqFt	-			-	4Q13	-			-	1Q15	1Q16	-	-	4Q16		\$1.76	-
Rebate	\$ 1.63 \$ 1.48	\$ 1.60 \$ 1.50	\$ 1.69 \$ 1.54	\$ 1.67 \$ 1.58	\$ 1.66 \$ 1.61	\$ 1.64 \$ 1.61	\$ 1.65 \$ 1.60	\$ 1.66 \$ 1.61	\$ 1.59 \$ 1.64	\$ 1.75 \$ 1.57	\$ 1.68	\$1.67 \$1.68	_	\$1.71 \$1.84	\$1.76	\$1.76	
Comp	\$ 1.48	\$1.50	\$1.54	\$ 1.58	\$ 1.61	\$ 1.61	\$ 1.50	\$ 1.61	\$ 1.64	\$ 1.57	\$ 1.08	\$1.68	\$1.68	\$1.84	\$1.83	\$1.84	+
Comp	Ş 1.48	ې ۱.4 <i>/</i>	ې 1.40	Ş 1.50	Ş 1.45	Ş 1.4/	Ş 1.5δ	Э1.4 /	Ş 1.44	φ1.0U		\$1.01	10.1¢	\$1.82	91.84	31.8 0	31.91
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	95%	97%	98%	98%	97%	95%	98%	97%	94%	96%	1010	100%	100%	99%	97%	100%	98%
Comp	100%	100%	100%	99%	99%	99%	99%	100%	99%	99%	94%	94%	94%	94%	94%	96%	97%
Comp	95%	96%	95%	96%	96%	95%	94%	99%	95%	97%	92%	92%	92%	97%	97%	98%	97%
Сопр	9376	90%	9376	90%	90%	9376	3470	3370	9376	3776	92/0	92/0	92/6	3776	3770	9676	3776
Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	7412	1415	2413	3413	7013	1017	2424	3414	7017	1013	1010	\$0.70	\$0.70	\$0.70	\$0.70		1 -
Comp												\$1.66	\$1.66	\$1.78	\$1.89	\$1.78	+ '
Comp												\$0.72	\$0.72	\$0.72	\$0.72	\$0.70	
GGp												ψσ Ξ	ψσ Σ	ψσ Σ	ψσ Σ	ψοσ	70.70
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate	-		,	-	142		,	,				100%	99%	100%	100%	100%	100%
Comp												95%	94%	94%	94%	96%	96%
Comp												98%	98%	98%	99%	98%	99%
Property Rent/SqFt	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate									-		\$1.09	\$1.10	\$1.09	\$1.11	\$1.09	\$1.24	\$1.17
Comp														\$0.77	\$0.87	\$0.84	
Comp												\$0.87	\$0.87	\$0.88	\$0.88	\$0.90	\$0.90
															-		
Property Occupancy %	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17
Rebate					-						92%	93%	92%	89%	88%	89%	90%
Comp														79%	100%	100%	100%
Comp												100%	100%	100%	99%	99%	100%