

Application of SAN DIEGO GAS & ELECTRIC )  
COMPANY for authority to update its gas and electric )  
revenue requirement and base rates )  
effective January 1, 2016 (U 902-M) )

Application No. 14-11-003  
Exhibit No: (SDG&E-31-WP)

WORKPAPERS TO  
PREPARED DIRECT TESTIMONY  
OF KENNETH E. SCHIERMEYER  
ON BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY

BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF CALIFORNIA

NOVEMBER 2014



Average Annual Electric Customer Counts - SDG&E							
	2013	2014	2015	2016	2017	2018	
Residential	1,249,227	1,257,698	1,270,654	1,286,981	1,304,564	1,322,202	
Small Commercial	122,602	123,111	123,754	124,362	124,923	125,367	
Med/Lg Com/Ind	24,042	24,262	24,576	24,875	25,151	25,371	
Agriculture	3,372	3,379	3,379	3,379	3,379	3,379	
Lighting	5,975	5,896	5,841	5,790	5,741	5,693	
Total System	1,405,218	1,414,346	1,428,204	1,445,387	1,463,758	1,482,012	
Growth Rate		0.65%	0.98%	1.20%	1.27%	1.25%	

Variable:	Definition:
CUST_DR	Schedule DR, Residential Service
CUST_DRLI	Schedule DR, Residential Service, Low Income
CUST_DM	Schedule DM, Multi-Family Service
CUST_DS	Schedule DS, Submetered Multi-Family Service
CUST_DSLI	Schedule DS, Submetered Multi-Family Service, Low Income
CUST_DT	Schedule DT, Submetered Multi-Family Service, Mobilehome Park
CUST_DTLI	Schedule DT, Submetered Multi-Family Service, Mobilehome Park, Low Income
CUST_DWL	Schedule DWL, Residential Walkway Lighting
CUST_OL1R	Schedule OL1, Outdoor Area Lighting Service, Residential
CUST_A	Schedule A, Small Commercial, General Service
CUST_ALTOUC	Schedule AL-TOU, General Service, Time Metered, Commercial
CUST_ALTOUI	Schedule AL-TOU, General Service, Time Metered, Industrial
CUST_PAT1	Schedule PA-T-1, Experimental Power - Agriculture - Time-of-Use
CUST_AD	Schedule AD, General Service, Demand Metered
CUST_PA	Schedule PA, Power - Agriculture
CUST_PA7OU	Schedule PA, Power - Agriculture - Time-of-Use
CUST_OL1C	Schedule OL1, Outdoor Area Lighting Service, Commercial
CUST_A6TOU	Schedule A6TOU, General Service, Time Metered Optional
CUST_LS1	Schedule LS-1, Lighting - Street and Highway - Utility-Owned Installations
CUST_LS2	Schedule LS-2, Lighting - Street and Highway - Customer-Owned Installations
CUST_LS3	Schedule LS-3, Lighting - Street and Highway - Customer-Owned Installations
CUST_RESALE	Sale for Resale
Residential	Combined Residential Class
Small Commercial	Combined Small Commercial Class
Med/Lg Com/Ind	Combined Medium Commercial & Large Industrial Class
Agriculture	Combined Agriculture Class
Lighting	Combined Lighting Class
EVTOU	Domestic Time-of-Use For Electric Vehicle Charging
EVTOU3	Domestic Time-of-Use For Electric Vehicle Charging
EPEVL	Domestic Experimental Plug-in Electric Vehicle Service - X Group
EPEVM	Domestic Experimental Plug-in Electric Vehicle Service - Y Group
EPEVH	Domestic Experimental Plug-in Electric Vehicle Service - Z Group
TotalEV	Combined Individually Metered Electric Vehicles
DRDRLI	Combined Residential Service (DR plus DRLI) Less Individually Metered Electric Vehicles
NR	Combined Commercial & Industrial Customers (A, AD, ALTOUC, ALTOUI & PAT1)
NEW_DRDRLI	Incremental Change in DR and DRLI
Q2	Second Quarter Binary Variable
Q3	Third Quarter Binary Variable
Q4	Fourth Quarter Binary Variable
Q4_2003FIRE	2003 Firestorm Binary Variable
HUSTS_SDGE	Housing Starts in SDGE's Service Territory
HUSTS_SDGE_LAG1	Housing Starts in SDGE's Service Territory (Lagged One Quarter)
HUSTS_SDGE_LAG2	Housing Starts in SDGE's Service Territory (Lagged Two Quarters)
HUSTS_SDGE_LAG3	Housing Starts in SDGE's Service Territory (Lagged Three Quarters)
WGT_HUSTS_SDGE_DISTRIB_LAG	Weighted Distributed Lag of Housing Starts in SDGE's Service Territory
HUSTS_7320	Housing Starts in San Diego County
HH_7320	Households in San Diego County
STARTS_VS_CHNGHH	Housing Starts Versus the Change in Households
EMPLOYMENT	Non-Farm Employment (Less Construction and Manufacturing)
RESIDUAL	NON-RESIDENTIAL (Less A and AD)

Electric Customer Model:

$$\text{NEW\_DRDRLI} = 218.44 + 25.00 * Q2 + 553.60 * Q3 + 503.17 * Q4 - 2567.80 * Q4_{2003\text{Fire}} - 0.09 * \text{Starts\_vs\_ChngHH} + 0.96 * \text{Wgt\_HUSTS\_SDGE\_Distrib\_Lag}$$

• Where  $\text{Wgt\_HUSTS\_SDGE\_Distrib\_Lag} = 0.25 * \text{HUSTS\_SDGE} + 0.25 * \text{HUSTS\_SDGE\_Lag1} + 0.25 * \text{HUSTS\_SDGE\_Lag2} + 0.25 * \text{HUSTS\_SDGE\_Lag3}$

$$\text{DRDRLI} = \text{DRDRLI}_{\text{Prior Month}} + \text{NEWDRDRLI}$$

$$\text{CUST\_DRLI} = \text{DRLI}_{\text{Prior Month}}$$

$$\text{CUST\_DR} = \text{DRDRLI} - \text{CUST\_DRLI}$$

$$\text{CUST\_DM} = \text{CUST\_DM}_{\text{Prior Month}} * 0.99848$$

$$\text{CUST\_DS} = \text{CUST\_DS}_{\text{Prior Month}} * 0.99948$$

$$\text{CUST\_DT} = \text{CUST\_DT}_{\text{Prior Month}} * 0.99979$$

$$\text{CUST\_PA} = \text{CUST\_PA}_{\text{Prior Month}}$$

$$\text{CUST\_PATOU} = \text{CUST\_PATOU}_{\text{Prior Month}}$$

$$\text{CUST\_DWL} = \text{CUST\_DWL}_{\text{Prior Month}}$$

$$\text{CUST\_OL1R} = \text{CUST\_OL1R}_{\text{Prior Month}} * 0.99824$$

$$\text{CUST\_OL1C} = \text{CUST\_OL1C}_{\text{Prior Month}} * 0.99878$$

$$\text{CUST\_LS1} = \text{CUST\_LS1}_{\text{Prior Month}} * 1.00043$$

$$\text{CUST\_LS2} = \text{CUST\_LS2}_{\text{Prior Month}} * (1 + (\text{DR\&DRLI}_{\text{Current Month}} / \text{DR\&DRLI}_{\text{Prior Month}-1}) + 0.000014)$$

$$\text{CUST\_LS3} = \text{CUST\_LS3}_{\text{Prior Month}} * 0.99800$$

$$\text{NON-RESIDENTIAL} = \text{CUST\_A} + \text{CUST\_AD} + \text{CUST\_ALTOUC} + \text{CUST\_ALTOUI} + \text{CUST\_PAT1}$$

$$\text{NON-RESIDENTIAL} = \text{NON-RESIDENTIAL}_{\text{Prior Quarter}} * ((\text{Employment}_{\text{Current Quarter}} / \text{Employment}_{\text{Prior Quarter}}) - 1) * 0.30914$$

$$\text{CUST\_A} = \text{CUST\_A}_{\text{Prior Month}} * ((\text{NON-RESIDENTIAL}_{\text{Current Month}} / \text{NON-RESIDENTIAL}_{\text{Prior Month}}) - 1) * 0.80421$$

$$\text{CUST\_AD} = \text{CUST\_AD}_{\text{Prior Month}} * 0.99494$$

$$\text{RESIDUAL} = \text{NON-RESIDENTIAL} - \text{CUST\_A} - \text{CUST\_AD}$$

$$\text{CUST\_ALTOUC} = \text{RESIDUAL} - \text{CUST\_ALTOUI} - \text{CUST\_PAT1}$$

$$\text{CUST\_ALTOUI} = \text{CUST\_ALTOUI}_{\text{Prior Month}}$$

$$\text{CUST\_PAT1} = \text{CUST\_PAT1}_{\text{Prior Month}}$$

$$\text{CUST\_A6TOU} = \text{CUST\_A6TOU}_{\text{Prior Month}}$$

$$\text{CUST\_RESALE} = \text{CUST\_RESALE}_{\text{Prior Month}}$$





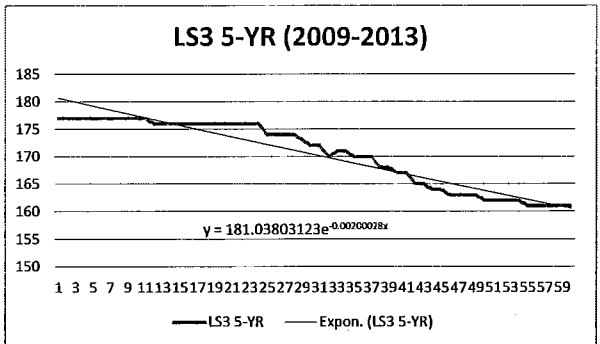
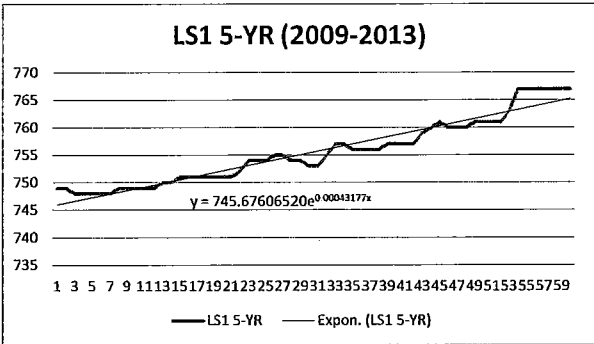
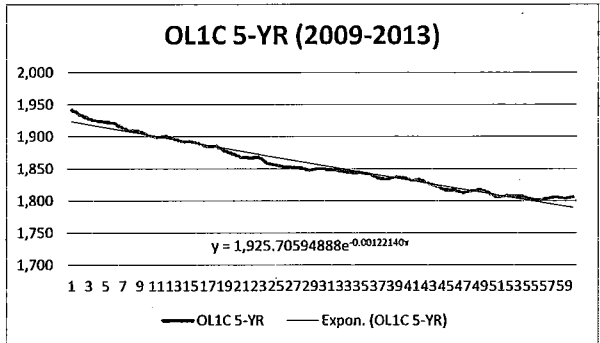
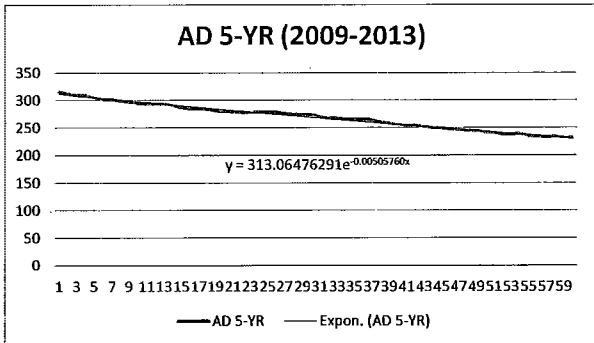
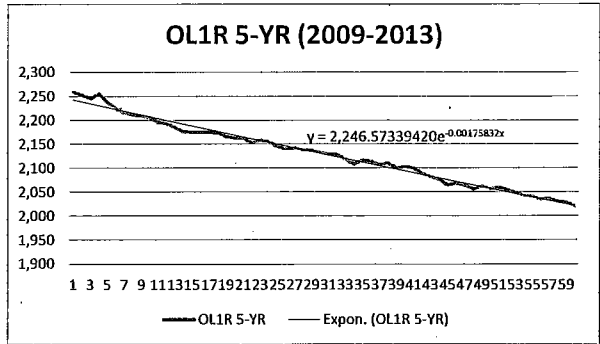
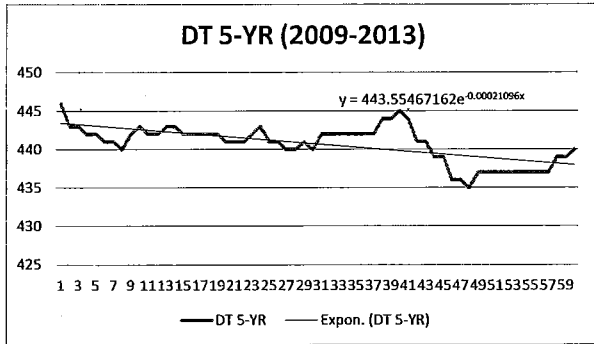
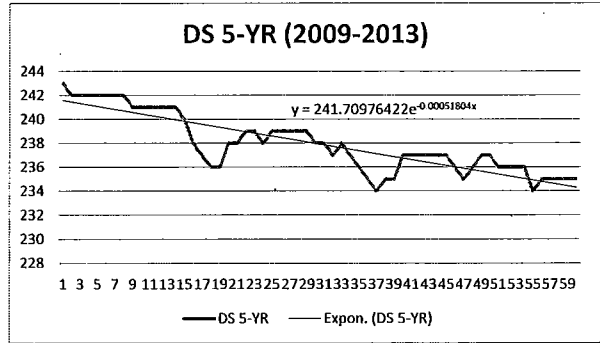
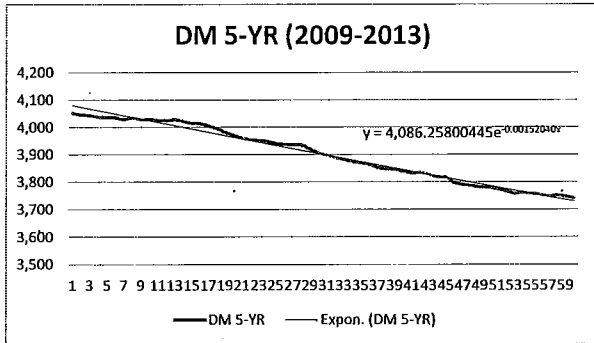








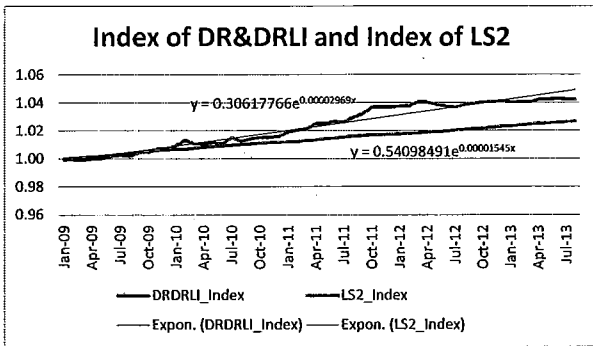
2018	2	1,030,482	266,601	3,447	229	0	435	0	44	1,638	125,351	176	23,986	3,379	0	539	1,891	642	16	785	1,193	145	1	1,321,203	125,351	25,363	3,379	5,695	36	0	0	0	38	1,317,657	150,694
2018	3	1,035,182	266,601	3,451	238	0	435	0	46	1,628	125,451	174	24,039	3,370	0	539	1,894	642	18	785	1,197	144	1	1,325,987	125,451	25,413	3,370	5,694	36	0	0	0	36	1,321,297	150,845
2018	4	1,039,982	266,601	3,416	230	0	434	0	44	1,616	125,339	171	24,065	3,378	0	539	1,878	642	18	787	1,202	143	1	1,330,341	125,339	25,496	3,378	5,672	35	0	0	0	36	1,326,327	150,976



Rate Schedule	5-YR (2009-2013)
CUST_DM	-0.00152
CUST_DS	-0.00052
CUST_DT	-0.00021
CUST_OL1R	-0.00176
CUST_AD	-0.00506
CUST_OL1C	-0.00122
CUST_LS1	0.00043
CUST_LS3	-0.00200

Growth Rates Developed from tab labeled "Trend-Graphs"

Year	Month	DRDRLI	RDRLI_Ind	LS2	LS2_Index	
2009	1	1,212,888	1.00	1,116	1.00	Jan-09
2009	2	1,213,220	1.00	1,115	1.00	Feb-09
2009	3	1,213,823	1.00	1,115	1.00	Mar-09
2009	4	1,214,472	1.00	1,116	1.00	Apr-09
2009	5	1,214,869	1.00	1,116	1.00	May-09
2009	6	1,216,047	1.00	1,118	1.00	Jun-09
2009	7	1,216,552	1.00	1,119	1.00	Jul-09
2009	8	1,217,825	1.00	1,118	1.00	Aug-09
2009	9	1,218,314	1.00	1,121	1.00	Sep-09
2009	10	1,218,940	1.00	1,121	1.00	Oct-09
2009	11	1,220,278	1.01	1,124	1.01	Nov-09
2009	12	1,220,710	1.01	1,124	1.01	Dec-09
2010	1	1,221,024	1.01	1,127	1.01	Jan-10
2010	2	1,221,106	1.01	1,131	1.01	Feb-10
2010	3	1,221,807	1.01	1,128	1.01	Mar-10
2010	4	1,222,692	1.01	1,128	1.01	Apr-10
2010	5	1,223,641	1.01	1,129	1.01	May-10
2010	6	1,223,831	1.01	1,128	1.01	Jun-10
2010	7	1,224,492	1.01	1,133	1.02	Jul-10
2010	8	1,225,268	1.01	1,130	1.01	Aug-10
2010	9	1,225,555	1.01	1,132	1.01	Sep-10
2010	10	1,226,381	1.01	1,133	1.02	Oct-10
2010	11	1,227,047	1.01	1,133	1.02	Nov-10
2010	12	1,226,932	1.01	1,134	1.02	Dec-10
2011	1	1,227,582	1.01	1,137	1.02	Jan-11
2011	2	1,227,779	1.01	1,139	1.02	Feb-11
2011	3	1,228,488	1.01	1,140	1.02	Mar-11
2011	4	1,229,166	1.01	1,144	1.03	Apr-11
2011	5	1,229,932	1.01	1,144	1.03	May-11
2011	6	1,230,574	1.01	1,146	1.03	Jun-11
2011	7	1,231,777	1.02	1,145	1.03	Jul-11
2011	8	1,232,461	1.02	1,149	1.03	Aug-11
2011	9	1,232,731	1.02	1,152	1.03	Sep-11
2011	10	1,233,482	1.02	1,157	1.04	Oct-11
2011	11	1,233,632	1.02	1,157	1.04	Nov-11
2011	12	1,233,775	1.02	1,157	1.04	Dec-11
2012	1	1,234,272	1.02	1,158	1.04	Jan-12
2012	2	1,234,600	1.02	1,158	1.04	Feb-12
2012	3	1,234,867	1.02	1,161	1.04	Mar-12
2012	4	1,235,671	1.02	1,161	1.04	Apr-12
2012	5	1,236,196	1.02	1,159	1.04	May-12
2012	6	1,236,658	1.02	1,158	1.04	Jun-12
2012	7	1,237,749	1.02	1,157	1.04	Jul-12
2012	8	1,238,438	1.02	1,159	1.04	Aug-12
2012	9	1,238,673	1.02	1,160	1.04	Sep-12
2012	10	1,239,214	1.02	1,161	1.04	Oct-12
2012	11	1,239,833	1.02	1,161	1.04	Nov-12
2012	12	1,240,761	1.02	1,162	1.04	Dec-12
2013	1	1,241,200	1.02	1,161	1.04	Jan-13
2013	2	1,241,913	1.02	1,161	1.04	Feb-13
2013	3	1,242,495	1.02	1,161	1.04	Mar-13
2013	4	1,243,186	1.02	1,163	1.04	Apr-13
2013	5	1,243,649	1.03	1,163	1.04	May-13
2013	6	1,244,153	1.03	1,164	1.04	Jun-13
2013	7	1,244,608	1.03	1,163	1.04	Jul-13
2013	8	1,245,272	1.03	1,163	1.04	Aug-13
2013	9	1,245,645	1.03	1,152	1.03	Sep-13
2013	10	1,246,123	1.03	1,141	1.02	Oct-13
2013	11	1,246,820	1.03	1,129	1.01	Nov-13
2013	12	1,247,290	1.03	1,129	1.01	Dec-13



Monthly Growth Rates from 2009 through August 2013

LS2	0.003%
DRDRLI	0.002%
Differential	0.001%

Year	Quarter	DRDRLI	NEW_DRDRLI	Q2	Q3	Q4	Q4_2003Fire	HUSTS_SDGE	HUSTS_SDGE_LAG1	HUSTS_SDGE_LAG2	HUSTS_SDGE_LAG3	HUSTS_7320	HH_7320	Starts_vs_CHNGHH
1993	1	1		0	0	0	0	1,333				1,053	919,806	
1993	2	3	0	1	0	0	0	1,749	1,333			1,424	920,961	
1993	3	3	0	0	1	0	0	1,702	1,749	1,333		1,332	920,108	
1993	4	4	0	0	1	0	0	2,225	1,702	1,749	1,333	1,809	923,704	
1994	1	1,000,960	1,359	0	0	0	0	2,362	2,225	1,702	1,333	1,902	925,050	1,225.00
1994	2	1,002,447	1,487	1	0	0	0	2,203	2,362	1,702	1,749	1,757	925,803	1,958.91
1994	3	1,005,275	2,828	0	1	0	0	2,078	2,203	2,225	1,749	1,647	927,278	1,946.17
1994	4	1,007,500	2,225	0	0	1	0	2,179	2,078	2,203	2,225	1,762	929,468	1,303.59
1995	1	1,009,432	1,932	0	0	0	0	1,986	2,179	2,203	2,225	1,584	931,232	567.00
1995	2	1,011,378	1,946	1	0	0	0	2,319	1,986	2,179	2,203	1,904	932,912	(212.67)
1995	3	1,014,137	2,759	0	1	0	0	2,066	2,319	1,986	2,179	1,638	934,799	(633.83)
1995	4	1,017,947	3,810	0	0	1	0	2,005	2,066	1,986	2,179	1,564	937,587	(1,429.69)
1996	1	1,020,054	2,107	0	0	1	0	2,185	2,005	2,179	2,203	1,731	940,312	(2,242.97)
1996	2	1,022,300	2,246	1	0	0	0	2,266	2,185	2,005	2,066	1,795	942,159	(2,518.79)
1996	3	1,026,228	3,928	0	1	0	0	2,251	2,266	2,005	2,066	1,763	944,936	(3,284.21)
1996	4	1,028,694	2,466	0	0	1	0	2,286	2,251	2,005	2,066	1,781	947,932	(3,275.20)
1997	1	1,032,305	3,611	0	0	0	0	2,791	2,286	2,266	2,066	2,268	950,537	(2,618.92)
1997	2	1,036,080	3,775	1	0	0	0	3,014	2,791	2,286	2,266	2,492	953,619	(3,156.09)
1997	3	1,040,238	4,157	0	1	0	0	3,174	3,014	2,791	2,286	2,652	956,947	(2,818.97)
1997	4	1,044,395	4,157	0	0	1	0	4,323	3,174	3,014	2,791	3,800	960,514	(1,369.83)
1998	1	1,048,550	4,155	0	0	0	0	3,441	4,323	3,174	3,014	2,918	964,082	(1,683.56)
1998	2	1,052,707	4,157	1	0	0	0	3,666	3,441	4,323	3,174	3,143	967,653	(1,522.49)
1998	3	1,056,863	4,156	0	1	0	0	3,971	3,666	4,323	3,174	3,448	971,226	(971.06)
1998	4	1,061,019	4,156	0	0	1	0	3,233	3,971	4,323	3,174	2,709	974,802	(2,071.49)
1999	1	1,065,190	4,171	0	0	0	0	4,388	3,233	3,666	3,441	3,863	978,361	(1,116.17)
1999	2	1,068,800	3,610	1	0	0	0	4,521	4,388	3,666	3,441	3,989	981,796	(133.82)
1999	3	1,073,111	4,311	0	1	0	0	4,552	4,521	4,388	3,666	4,012	985,469	330.39
1999	4	1,076,570	3,459	0	0	1	0	4,056	4,552	4,388	3,666	3,509	989,090	1,084.71
2000	1	1,080,833	4,263	0	0	0	0	4,121	4,056	4,521	4,388	3,566	992,689	747.16
2000	2	1,084,743	3,910	1	0	0	0	4,593	4,121	4,521	4,388	3,990	995,986	887.14
2000	3	1,089,444	4,701	0	1	0	0	4,133	4,593	4,521	4,388	3,481	998,736	1,279.71
2000	4	1,094,335	4,891	0	0	1	0	4,059	4,133	4,521	4,388	3,359	1,001,968	1,519.30
2001	1	1,098,287	3,952	0	0	0	0	4,788	4,059	4,521	4,388	4,041	1,004,982	2,579.04
2001	2	1,101,907	3,620	1	0	0	0	4,614	4,788	4,521	4,388	3,893	1,007,274	3,485.57
2001	3	1,107,388	5,481	0	1	0	0	4,208	4,614	4,521	4,388	3,512	1,010,316	3,223.82
2001	4	1,112,380	4,992	0	0	1	0	4,020	4,208	4,521	4,388	3,349	1,014,143	2,619.35
2002	1	1,116,773	4,393	0	0	0	0	5,039	4,020	4,521	4,388	4,393	1,017,501	2,627.47
2002	2	1,121,387	4,614	1	0	0	0	4,427	4,020	4,521	4,388	3,732	1,020,582	1,677.42
2002	3	1,126,683	5,296	0	1	0	0	4,427	4,427	4,521	4,388	3,290	1,024,079	1,001.26
2002	4	1,131,692	5,009	0	0	1	0	4,498	4,427	4,521	4,388	3,702	1,027,813	1,446.86
2003	1	1,136,615	4,923	0	0	0	0	5,266	4,498	4,521	4,388	4,421	1,031,247	1,398.36
2003	2	1,141,368	4,753	1	0	0	0	5,025	4,498	4,521	4,388	4,214	1,034,455	1,754.09
2003	3	1,145,409	4,041	0	1	0	0	4,520	5,025	4,521	4,388	3,743	1,037,177	2,981.45
2003	4	1,147,729	2,320	0	0	1	1	4,743	4,520	4,521	4,388	3,999	1,038,683	5,505.07
2004	1	1,152,383	4,654	0	0	0	0	5,039	4,743	4,521	4,388	4,325	1,040,645	6,886.75
2004	2	1,156,298	3,915	1	0	0	0	4,840	4,743	4,521	4,388	4,129	1,046,392	7,423.97
2004	3	1,161,740	5,442	0	1	0	0	4,630	4,840	4,521	4,388	4,242	1,050,474	4,145.01
2004	4	1,167,662	5,922	0	0	1	0	3,639	4,630	4,521	4,388	4,509	1,054,117	2,643.02
2005	1	1,171,785	4,123	0	0	0	0	4,803	3,639	4,521	4,388	3,831	1,057,032	2,015.30
2005	2	1,175,689	3,904	1	0	0	0	4,117	4,803	4,521	4,388	3,331	1,059,806	1,498.33
2005	3	1,179,513	3,824	0	1	0	0	4,117	4,117	4,521	4,388	2,112	1,063,090	1,167.31
2005	4	1,184,450	4,937	0	0	1	0	3,610	4,117	4,521	4,388	2,964	1,066,349	6.12
2006	1	1,188,198	3,748	0	0	0	0	3,229	3,610	4,521	4,388			

Year	Quarter	DRDRLI	NEW_DRDRLI	Q3	Q4	Q4_2003Fire	HUSTS_SDGE	HUSTS_SDGE_LAG1	HUSTS_SDGE_LAG2	HUSTS_SDGE_LAG3	HUSTS_7320	HH_7320	Starts_vs_CHNGHH
2006	2	1,191,254	3,056	1	0	0	2,928	3,229	2,384	3,610	2,704	1,068,705	(561.47)
2006	3	1,194,127	2,873	0	1	0	2,328	2,928	3,229	2,384	2,144	1,070,613	(881.91)
2006	4	1,198,182	4,065	0	0	1	2,328	2,328	2,928	3,229	2,208	1,073,007	102.82
2007	1	1,199,968	1,786	0	0	0	1,848	2,350	2,328	2,928	1,745	1,074,975	175.16
2007	2	1,202,343	2,375	1	0	0	1,985	1,848	2,350	2,328	1,904	1,076,209	497.64
2007	3	1,204,957	2,614	0	1	0	1,559	1,985	1,848	2,350	1,501	1,077,889	82.70
2007	4	1,206,280	1,323	0	0	1	1,559	1,559	1,848	1,848	1,121	1,079,027	251.61
2008	1	1,207,474	1,194	0	0	0	1,294	1,559	1,559	1,985	1,279	1,079,449	1,331.63
2008	2	1,207,987	513	1	0	0	1,745	1,158	1,559	1,559	1,726	1,079,053	2,783.34
2008	3	1,210,168	2,181	0	1	0	1,166	1,745	1,294	1,158	1,162	1,079,069	4,108.41
2008	4	1,212,623	2,455	0	0	1	830	1,166	1,745	1,294	803	1,080,528	3,469.27
2009	1	1,213,823	1,200	0	0	0	503	830	1,166	1,745	472	1,081,364	2,248.04
2009	2	1,216,047	2,224	1	0	0	1,206	503	1,166	1,745	1,163	1,082,091	561.68
2009	3	1,218,314	2,267	0	1	0	570	1,206	503	830	514	1,083,568	(1,547.43)
2009	4	1,220,710	2,396	0	0	1	648	1,206	1,206	503	581	1,085,089	(1,830.41)
2010	1	1,221,807	1,097	0	0	0	1,076	648	570	1,206	996	1,085,988	(1,369.10)
2010	2	1,223,831	2,024	1	0	0	881	1,076	648	570	786	1,087,066	(2,097.37)
2010	3	1,225,555	1,724	0	1	0	913	881	1,076	648	801	1,088,771	(2,038.63)
2010	4	1,226,932	1,377	0	0	1	748	913	881	1,076	621	1,090,144	(1,850.74)
2011	1	1,228,488	1,556	0	0	0	1,115	748	913	881	972	1,091,452	(2,284.16)
2011	2	1,230,574	2,086	1	0	0	1,695	1,115	748	913	1,571	1,093,064	(2,032.82)
2011	3	1,232,731	2,157	0	1	0	1,373	1,695	1,115	748	1,268	1,094,996	(1,792.82)
2011	4	1,233,775	1,044	0	0	1	1,411	1,373	1,695	1,115	1,325	1,096,419	(1,138.55)
2012	1	1,234,867	1,092	0	0	0	1,022	1,411	1,695	1,695	955	1,097,365	(793.65)
2012	2	1,236,658	1,791	1	0	0	1,685	1,022	1,411	1,373	1,623	1,098,734	(498.74)
2012	3	1,238,673	2,015	0	1	0	1,753	1,685	1,411	1,373	1,696	1,100,502	94.01
2012	4	1,240,761	2,088	0	0	1	1,162	1,753	1,685	1,022	1,111	1,102,411	(606.86)
2013	1	1,242,495	1,734	0	0	0	1,741	1,162	1,685	1,022	1,588	1,104,224	(840.68)
2013	2	1,244,153	1,658	1	0	0	2,328	1,741	1,162	1,753	2,124	1,105,824	(570.25)
2013	3	1,245,645	1,492	0	1	0	1,726	2,328	1,162	1,753	1,575	1,107,267	(367.60)
2013	4	1,247,290	1,645	0	0	1	2,809	1,726	2,328	1,741	2,563	1,108,711	1,550.43
2014	1			0	0	0	2,685	2,809	1,726	2,328	2,450	1,110,686	2,250.28
2014	2			1	0	0	2,946	2,685	2,809	1,726	2,688	1,112,802	2,297.98
2014	3			0	1	0	3,069	2,946	2,685	2,809	2,800	1,115,224	2,544.69
2014	4			0	0	1	3,374	3,069	2,946	2,685	3,079	1,117,774	1,953.90
2015	1			0	0	0	3,583	3,374	3,069	2,946	3,270	1,120,529	1,994.21
2015	2			1	0	0	3,815	3,583	3,374	3,069	3,481	1,123,481	1,951.08
2015	3			0	1	0	4,030	3,815	3,583	3,374	3,678	1,126,653	2,078.96
2015	4			0	0	1	4,198	4,030	3,815	3,583	3,830	1,130,011	2,021.80
2016	1			0	0	0	4,219	4,198	4,030	3,815	3,850	1,133,515	1,853.59
2016	2			1	0	0	4,206	4,219	4,198	4,030	3,838	1,137,106	1,571.08
2016	3			0	1	0	4,206	4,206	4,198	4,030	3,838	1,140,737	1,271.77
2016	4			0	0	1	4,204	4,206	4,206	4,219	3,836	1,144,369	1,004.36
2017	1			0	0	0	4,238	4,204	4,206	4,206	3,867	1,148,005	889.37
2017	2			1	0	0	4,211	4,238	4,204	4,206	3,842	1,151,640	849.33
2017	3			0	1	0	4,175	4,211	4,204	4,204	3,810	1,155,269	823.99
2017	4			0	0	1	4,180	4,175	4,238	4,238	3,814	1,158,891	811.95
2018	1			0	0	0	4,196	4,180	4,175	4,211	3,829	1,162,502	797.23
2018	2			1	0	0	4,181	4,196	4,175	4,211	3,815	1,166,107	801.62
2018	3			0	1	0	4,209	4,181	4,196	4,180	3,841	1,169,718	849.61
2018	4			0	0	1	4,293	4,209	4,181	4,196	3,918	1,173,355	938.24

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.905632585
R Square	0.820170379
Adjusted R Square	0.805389863
Standard Error	592.4233804
Observations	80

ANOVA					
	df	SS	MS	F	gnificance F
Regression	6	116850370.1	1.9E+07	55.5	3.1E-25
Residual	73	25620478.7	350965		
Total	79	142470848.8			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	218.44	203.72	1.07	0.29	-187.58	624.46	-187.58	624.46
Q2	25.00	187.34	0.13	0.89	-348.37	398.37	-348.37	398.37
Q3	553.60	187.34	2.96	0.00	180.23	926.97	180.23	926.97
Q4	503.17	189.89	2.65	0.01	124.71	881.63	124.71	881.63
Q4_2003Fire	-2567.80	627.65	-4.09	0.00	-3818.70	-1316.89	-3818.70	-1316.89
WGT_HUSTS	0.96	0.06	16.48	0.00	0.84	1.07	0.84	1.07
Starts_vs_CHNGHH	-0.09	0.03	-2.70	0.01	-0.16	-0.02	-0.16	-0.02

Year	Quarter	NEW_DRDRLI	Q2	Q3	Q4	Q4_2003Fire	WGT_HUSTS	Starts_vs_CHNGHH
1994	1	1,359	-	-	-	-	2,009.65	1,225
1994	2	1,487	1	-	-	-	2,122.98	1,959
1994	3	2,828	-	1	-	-	2,216.96	1,946
1994	4	2,225	-	-	1	-	2,205.52	1,304
1995	1	1,932	-	-	-	-	2,111.44	567
1995	2	1,946	1	-	-	-	2,140.60	(213)
1995	3	2,759	-	1	-	-	2,137.47	(634)
1995	4	3,810	-	-	1	-	2,093.97	(1,430)
1996	1	2,107	-	-	-	-	2,143.68	(2,243)
1996	2	2,246	1	-	-	-	2,130.27	(2,519)
1996	3	3,928	-	1	-	-	2,176.50	(3,284)
1996	4	2,466	-	-	1	-	2,246.93	(3,275)
1997	1	3,611	-	-	-	-	2,398.35	(2,619)
1997	2	3,775	1	-	-	-	2,585.55	(3,156)
1997	3	4,157	-	1	-	-	2,816.47	(2,819)
1997	4	4,157	-	-	1	-	3,325.62	(1,370)
1998	1	4,155	-	-	-	-	3,488.17	(1,684)
1998	2	4,157	1	-	-	-	3,651.08	(1,522)
1998	3	4,156	-	1	-	-	3,850.37	(971)
1998	4	4,156	-	-	1	-	3,577.95	(2,071)
1999	1	4,171	-	-	-	-	3,814.60	(1,116)
1999	2	3,610	1	-	-	-	4,028.28	(134)
1999	3	4,311	-	1	-	-	4,173.47	330
1999	4	3,459	-	-	1	-	4,379.24	1,085
2000	1	4,263	-	-	-	-	4,312.64	747
2000	2	3,910	1	-	-	-	4,330.78	887
2000	3	4,701	-	1	-	-	4,225.94	1,280
2000	4	4,891	-	-	1	-	4,226.50	1,519
2001	1	3,952	-	-	-	-	4,393.25	2,579
2001	2	3,620	1	-	-	-	4,398.53	3,486
2001	3	5,481	-	1	-	-	4,417.30	3,224



Year	Quarter	NEW_DRDRLI	Q2	Q3	Q4	Q4_2003Fire	WGT_HUSTS	Starts_vs_CHNGHH
2001	4	4,992	-	-	1	-	4,407.74	2,619
2002	1	4,393	-	-	-	-	4,470.40	2,627
2002	2	4,614	1	-	-	-	4,423.65	1,677
2002	3	5,296	-	1	-	-	4,380.41	1,001
2002	4	5,009	-	-	1	-	4,499.73	1,447
2003	1	4,923	-	-	-	-	4,556.61	1,398
2003	2	4,753	1	-	-	-	4,706.04	1,754
2003	3	4,041	-	1	-	-	4,827.41	2,981
2003	4	2,320	-	-	1	1	4,888.63	5,505
2004	1	4,654	-	-	-	-	4,831.77	6,887
2004	2	3,915	1	-	-	-	4,785.59	7,424
2004	3	5,442	-	1	-	-	4,813.09	7,477
2004	4	5,922	-	-	1	-	4,537.13	4,145
2005	1	4,123	-	-	-	-	4,478.16	2,643
2005	2	3,904	1	-	-	-	4,297.27	2,015
2005	3	3,824	-	1	-	-	4,042.15	1,498
2005	4	4,937	-	-	1	-	3,728.52	1,167
2006	1	3,748	-	-	-	-	3,334.99	6
2006	2	3,056	1	-	-	-	3,037.85	(561)
2006	3	2,873	-	1	-	-	2,717.32	(882)
2006	4	4,055	-	-	1	-	2,708.87	103
2007	1	1,786	-	-	-	-	2,363.59	175
2007	2	2,375	1	-	-	-	2,127.73	498
2007	3	2,614	-	1	-	-	1,935.62	83
2007	4	1,323	-	-	1	-	1,637.41	252
2008	1	1,194	-	-	-	-	1,498.99	1,332
2008	2	513	1	-	-	-	1,438.94	2,783
2008	3	2,181	-	1	-	-	1,345.46	4,108
2008	4	2,455	-	-	1	-	1,263.60	3,469
2009	1	1,200	-	-	-	-	1,065.91	2,248
2009	2	2,224	1	-	-	-	931.34	562
2009	3	2,267	-	1	-	-	777.47	(1,547)
2009	4	2,396	-	-	1	-	732.07	(1,830)
2010	1	1,097	-	-	-	-	875.29	(1,369)
2010	2	2,024	1	-	-	-	794.04	(2,097)
2010	3	1,724	-	1	-	-	879.64	(2,039)
2010	4	1,377	-	-	1	-	904.62	(1,851)
2011	1	1,556	-	-	-	-	914.42	(2,284)
2011	2	2,086	1	-	-	-	1,117.85	(2,033)
2011	3	2,157	-	1	-	-	1,232.89	(1,793)
2011	4	1,044	-	-	1	-	1,398.50	(1,139)
2012	1	1,092	-	-	-	-	1,375.02	(794)
2012	2	1,791	1	-	-	-	1,372.45	(499)
2012	3	2,015	-	1	-	-	1,467.47	94
2012	4	2,088	-	-	1	-	1,405.32	(607)
2013	1	1,734	-	-	-	-	1,585.25	(841)
2013	2	1,658	1	-	-	-	1,746.00	(570)
2013	3	1,492	-	1	-	-	1,739.44	(368)
2013	4	1,645	-	-	1	-	2,151.16	1,550
2014	1	2,293	-	-	-	-	2,387.09	2,250
2014	2	2,461	1	-	-	-	2,541.55	2,298
2014	3	3,288	-	1	-	-	2,877.08	2,545
2014	4	3,427	-	-	1	-	3,018.41	1,954
2015	1	3,135	-	-	-	-	3,243.02	1,994
2015	2	3,372	1	-	-	-	3,460.44	1,951
2015	3	4,118	-	1	-	-	3,700.90	2,079
2015	4	4,270	-	-	1	-	3,906.75	2,022
2016	1	3,934	-	-	-	-	4,065.72	1,854
2016	2	4,079	1	-	-	-	4,163.41	1,571
2016	3	4,677	-	1	-	-	4,207.33	1,272
2016	4	4,653	-	-	1	-	4,208.90	1,004
2017	1	4,165	-	-	-	-	4,213.66	889

Year	Quarter	NEW_DRDRLI	Q2	Q3	Q4	Q4_2003Fire	WGT_HUSTS	Starts_vs_CHNGHH
2017	2	4,194	1	-	-	-	4,214.81	849
2017	3	4,718	-	1	-	-	4,207.08	824
2017	4	4,663	-	-	1	-	4,201.11	812
2018	1	4,151	-	-	-	-	4,190.57	797
2018	2	4,168	1	-	-	-	4,183.12	802
2018	3	4,701	-	1	-	-	4,191.70	850
2018	4	4,669	-	-	1	-	4,219.98	938

Year	Quarter	NEW_DRDRLI
2014	1	2,293
2014	2	2,461
2014	3	3,288
2014	4	3,427
2015	1	3,135
2015	2	3,372
2015	3	4,118
2015	4	4,270
2016	1	3,934
2016	2	4,079
2016	3	4,677
2016	4	4,653
2017	1	4,165
2017	2	4,194
2017	3	4,718
2017	4	4,663
2018	1	4,151
2018	2	4,168
2018	3	4,701
2018	4	4,669

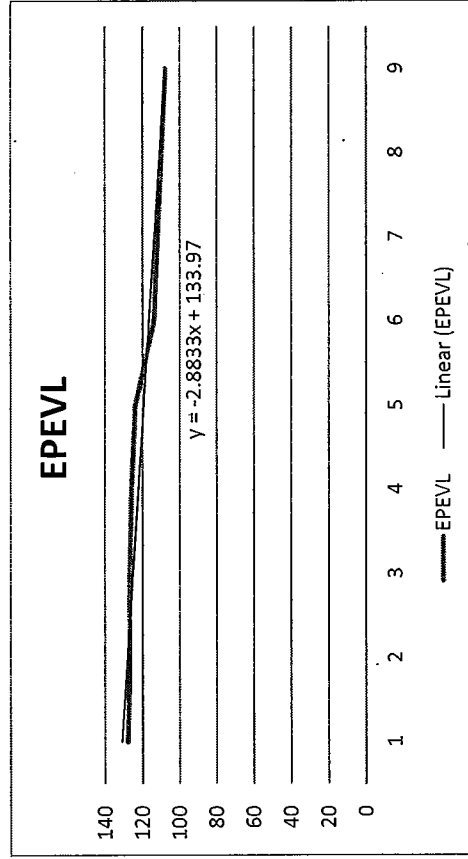
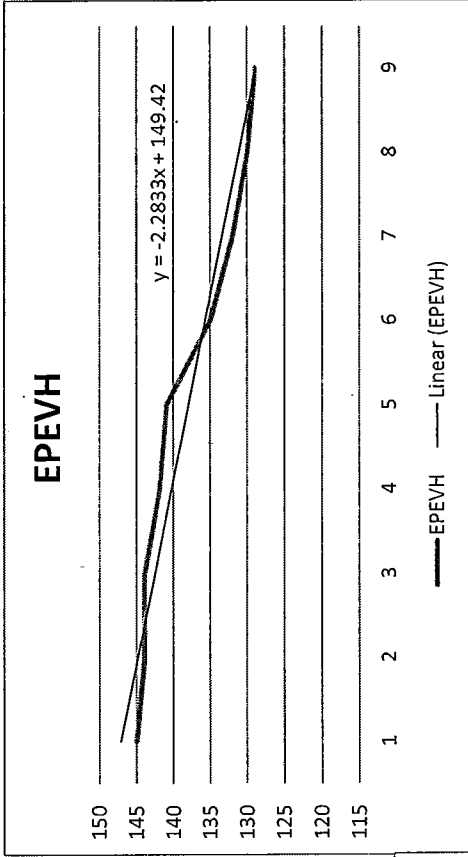
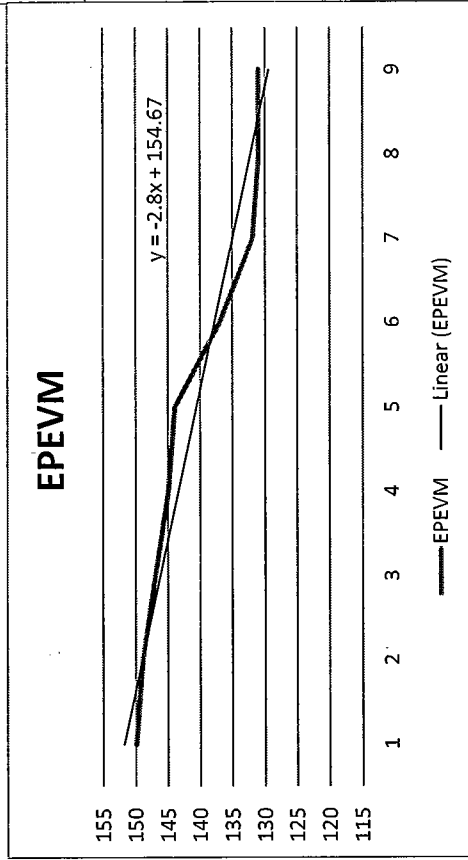
\*\*\* Convert quarterly forecast to monthly forecast.

Year	Month	NEW_DRDRLI
2014	1	764
2014	2	764
2014	3	764
2014	4	820
2014	5	820
2014	6	820
2014	7	1,096
2014	8	1,096
2014	9	1,096
2014	10	1,142
2014	11	1,142
2014	12	1,142
2015	1	1,045
2015	2	1,045
2015	3	1,045
2015	4	1,124
2015	5	1,124
2015	6	1,124
2015	7	1,373
2015	8	1,373
2015	9	1,373
2015	10	1,423
2015	11	1,423
2015	12	1,423
2016	1	1,311
2016	2	1,311
2016	3	1,311
2016	4	1,360
2016	5	1,360
2016	6	1,360
2016	7	1,559

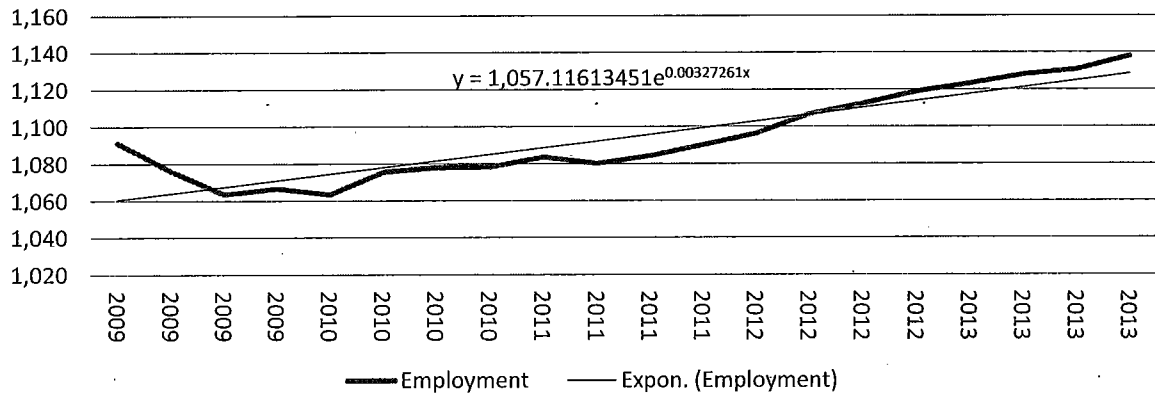
2016	8	1,559
2016	9	1,559
2016	10	1,551
2016	11	1,551
2016	12	1,551
2017	1	1,388
2017	2	1,388
2017	3	1,388
2017	4	1,398
2017	5	1,398
2017	6	1,398
2017	7	1,573
2017	8	1,573
2017	9	1,573
2017	10	1,554
2017	11	1,554
2017	12	1,554
2018	1	1,384
2018	2	1,384
2018	3	1,384
2018	4	1,389
2018	5	1,389
2018	6	1,389
2018	7	1,567
2018	8	1,567
2018	9	1,567
2018	10	1,556
2018	11	1,556
2018	12	1,556

Year	Month	Date	cust_dr	cust_drli	Total
2013	12	Dec-13	961,093	286,601	1,247,694
2014	1	Jan-14	961,857	286,601	1,248,458
2014	2	Feb-14	962,622	286,601	1,249,223
2014	3	Mar-14	963,386	286,601	1,249,987
2014	4	Apr-14	964,207	286,601	1,250,808
2014	5	May-14	965,027	286,601	1,251,628
2014	6	Jun-14	965,847	286,601	1,252,448
2014	7	Jul-14	966,943	286,601	1,253,544
2014	8	Aug-14	968,039	286,601	1,254,640
2014	9	Sep-14	969,135	286,601	1,255,736
2014	10	Oct-14	970,278	286,601	1,256,879
2014	11	Nov-14	971,420	286,601	1,258,021
2014	12	Dec-14	972,563	286,601	1,259,164
2015	1	Jan-15	973,608	286,601	1,260,209
2015	2	Feb-15	974,652	286,601	1,261,253
2015	3	Mar-15	975,697	286,601	1,262,298
2015	4	Apr-15	976,821	286,601	1,263,422
2015	5	May-15	977,945	286,601	1,264,546
2015	6	Jun-15	979,069	286,601	1,265,670
2015	7	Jul-15	980,442	286,601	1,267,043
2015	8	Aug-15	981,815	286,601	1,268,416
2015	9	Sep-15	983,188	286,601	1,269,789
2015	10	Oct-15	984,611	286,601	1,271,212
2015	11	Nov-15	986,034	286,601	1,272,635
2015	12	Dec-15	987,458	286,601	1,274,059
2016	1	Jan-16	988,769	286,601	1,275,370
2016	2	Feb-16	990,081	286,601	1,276,682
2016	3	Mar-16	991,392	286,601	1,277,993
2016	4	Apr-16	992,752	286,601	1,279,353
2016	5	May-16	994,111	286,601	1,280,712
2016	6	Jun-16	995,471	286,601	1,282,072
2016	7	Jul-16	997,030	286,601	1,283,631
2016	8	Aug-16	998,589	286,601	1,285,190
2016	9	Sep-16	1,000,148	286,601	1,286,749
2016	10	Oct-16	1,001,699	286,601	1,288,300
2016	11	Nov-16	1,003,249	286,601	1,289,850
2016	12	Dec-16	1,004,800	286,601	1,291,401
2017	1	Jan-17	1,006,188	286,601	1,292,789
2017	2	Feb-17	1,007,577	286,601	1,294,178
2017	3	Mar-17	1,008,965	286,601	1,295,566
2017	4	Apr-17	1,010,363	286,601	1,296,964
2017	5	May-17	1,011,761	286,601	1,298,362
2017	6	Jun-17	1,013,159	286,601	1,299,760
2017	7	Jul-17	1,014,732	286,601	1,301,333
2017	8	Aug-17	1,016,305	286,601	1,302,906
2017	9	Sep-17	1,017,877	286,601	1,304,478
2017	10	Oct-17	1,019,431	286,601	1,306,032
2017	11	Nov-17	1,020,986	286,601	1,307,587
2017	12	Dec-17	1,022,540	286,601	1,309,141
2018	1	Jan-18	1,023,924	286,601	1,310,525
2018	2	Feb-18	1,025,307	286,601	1,311,908
2018	3	Mar-18	1,026,691	286,601	1,313,292
2018	4	Apr-18	1,028,081	286,601	1,314,682
2018	5	May-18	1,029,470	286,601	1,316,071
2018	6	Jun-18	1,030,860	286,601	1,317,461
2018	7	Jul-18	1,032,427	286,601	1,319,028
2018	8	Aug-18	1,033,993	286,601	1,320,594
2018	9	Sep-18	1,035,560	286,601	1,322,161
2018	10	Oct-18	1,037,117	286,601	1,323,718
2018	11	Nov-18	1,038,673	286,601	1,325,274
2018	12	Dec-18	1,040,230	286,601	1,326,831

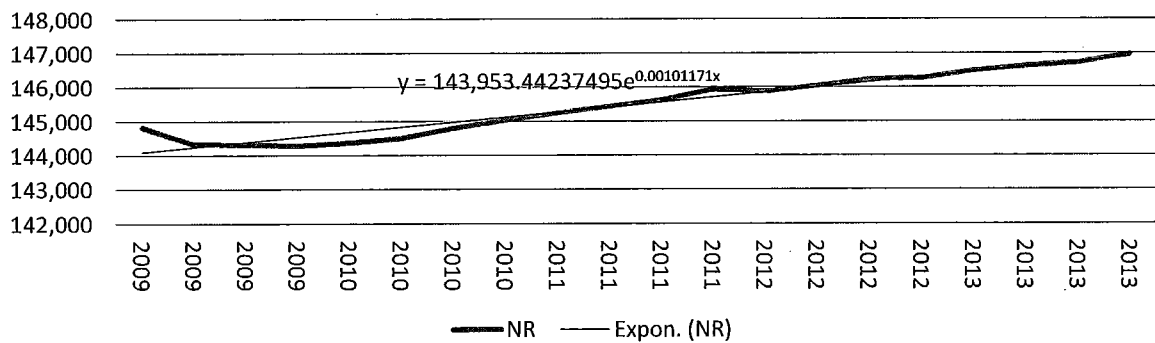
Year	Month	Date	EPEVH	EPEVL	EPEVM
2013	1	Jan-13	143	123	150
2013	2	Feb-13	143	124	150
2013	3	Mar-13	142	128	151
2013	4	Apr-13	145	128	150
2013	5	May-13	144	127	149
2013	6	Jun-13	144	127	147
2013	7	Jul-13	142	126	145
2013	8	Aug-13	141	124	144
2013	9	Sep-13	135	114	137
2013	10	Oct-13	132	112	132
2013	11	Nov-13	130	110	131
2013	12	Dec-13	129	108	131



### Employment (Quarterly Data: 2009-2013)



### NR Customers (Quarterly Data: 2009-2013)



\*\*\*\* Quarterly growth rates from 2009 through 2013.

	Growth Rate
NON-RESIDENTIAL	0.00101171
EMPLOYMENT	0.00327261
Ratio of NON-RESIDENTIAL/EMPLOYMENT	0.30914469

Year	Quarter	NR	Employment
2009	1	144,830	1,091.18
2009	2	144,328	1,076.08
2009	3	144,318	1,063.64
2009	4	144,278	1,066.72
2010	1	144,364	1,063.44
2010	2	144,494	1,075.59
2010	3	144,802	1,077.98
2010	4	145,035	1,078.33
2011	1	145,247	1,083.60
2011	2	145,440	1,080.15
2011	3	145,628	1,084.26
2011	4	145,931	1,090.15
2012	1	145,866	1,096.37

2012	2	146,036	1,107.00
2012	3	146,231	1,112.44
2012	4	146,269	1,118.94
2013	1	146,479	1,123.31
2013	2	146,608	1,128.18
2013	3	146,718	1,130.85
2013	4	146,967	1,138.07
2014	1	147,129	1,142.12
2014	2	147,299	1,146.39
2014	3	147,489	1,151.17
2014	4	147,765	1,158.15
2015	1	148,035	1,164.99
2015	2	148,280	1,171.23
2015	3	148,510	1,177.10
2015	4	148,746	1,183.17
2016	1	148,948	1,188.37
2016	2	149,171	1,194.12
2016	3	149,408	1,200.25
2016	4	149,643	1,206.35
2017	1	149,832	1,211.29
2017	2	150,028	1,216.42
2017	3	150,216	1,221.33
2017	4	150,399	1,226.14
2018	1	150,551	1,230.17
2018	2	150,694	1,233.95
2018	3	150,845	1,237.94
2018	4	150,976	1,241.42

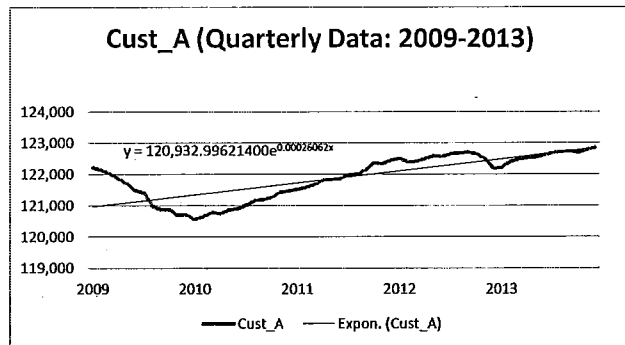
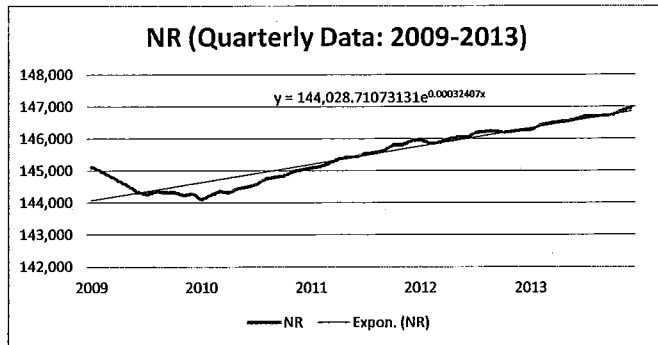
\*\*\* Convert quarterly forecast to monthly forecast.

Year	Month	NR
2014	1	147,021
2014	2	147,075
2014	3	147,129
2014	4	147,185
2014	5	147,242
2014	6	147,299
2014	7	147,362
2014	8	147,425
2014	9	147,489
2014	10	147,581
2014	11	147,673
2014	12	147,765
2015	1	147,855
2015	2	147,945
2015	3	148,035
2015	4	148,117
2015	5	148,198
2015	6	148,280
2015	7	148,357
2015	8	148,433
2015	9	148,510
2015	10	148,589
2015	11	148,668
2015	12	148,746
2016	1	148,814
2016	2	148,881
2016	3	148,948



2016	4	149,023
2016	5	149,097
2016	6	149,171
2016	7	149,250
2016	8	149,329
2016	9	149,408
2016	10	149,486
2016	11	149,565
2016	12	149,643
2017	1	149,706
2017	2	149,769
2017	3	149,832
2017	4	149,898
2017	5	149,963
2017	6	150,028
2017	7	150,091
2017	8	150,153
2017	9	150,216
2017	10	150,277
2017	11	150,338
2017	12	150,399
2018	1	150,450
2018	2	150,500
2018	3	150,551
2018	4	150,599
2018	5	150,647
2018	6	150,694
2018	7	150,745
2018	8	150,795
2018	9	150,845
2018	10	150,889
2018	11	150,932
2018	12	150,976

Year	Month	NR	Cust_A
2009	1	145,117	122,211
2009	2	144,975	122,136
2009	3	144,830	122,013
2009	4	144,676	121,854
2009	5	144,526	121,690
2009	6	144,328	121,478
2009	7	144,265	121,404
2009	8	144,349	120,986
2009	9	144,318	120,879
2009	10	144,331	120,877
2009	11	144,231	120,691
2009	12	144,278	120,708
2010	1	144,099	120,557
2010	2	144,242	120,644
2010	3	144,364	120,786
2010	4	144,311	120,739
2010	5	144,453	120,860
2010	6	144,494	120,905
2010	7	144,581	121,017
2010	8	144,754	121,160
2010	9	144,802	121,195
2010	10	144,835	121,259
2010	11	144,979	121,424
2010	12	145,035	121,464
2011	1	145,091	121,515
2011	2	145,134	121,579
2011	3	145,247	121,676
2011	4	145,366	121,816
2011	5	145,420	121,832
2011	6	145,440	121,861
2011	7	145,540	121,975
2011	8	145,564	121,999
2011	9	145,628	122,132
2011	10	145,814	122,356
2011	11	145,800	122,340
2011	12	145,931	122,454
2012	1	145,966	122,497
2012	2	145,852	122,387
2012	3	145,866	122,404
2012	4	145,980	122,506
2012	5	146,044	122,578
2012	6	146,036	122,559
2012	7	146,189	122,651
2012	8	146,215	122,679
2012	9	146,231	122,710
2012	10	146,191	122,648
2012	11	146,225	122,504
2012	12	146,269	122,188
2013	1	146,268	122,217
2013	2	146,416	122,403
2013	3	146,479	122,479
2013	4	146,518	122,524
2013	5	146,541	122,542
2013	6	146,608	122,613
2013	7	146,698	122,687
2013	8	146,687	122,711
2013	9	146,718	122,738
2013	10	146,740	122,682
2013	11	146,864	122,777
2013	12	146,967	122,851



**** Quarterly growth rates from 2009 through 2013.	
Cust_A	Growth Rate
Non-Residential	0.00026
Ratio Rate A/Non-Residential	0.00032
	0.80421

Year	Month	NR	Cust_A
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Year	Month	NR	Cust_A
2014	1	147,021	122,887
2014	2	147,075	122,924
2014	3	147,129	122,960
2014	4	147,185	122,998
2014	5	147,242	123,036
2014	6	147,299	123,074
2014	7	147,362	123,117
2014	8	147,425	123,159
2014	9	147,489	123,202
2014	10	147,581	123,264
2014	11	147,673	123,325
2014	12	147,765	123,387
2015	1	147,855	123,448
2015	2	147,945	123,508
2015	3	148,035	123,568
2015	4	148,117	123,623
2015	5	148,198	123,678
2015	6	148,280	123,733
2015	7	148,357	123,784
2015	8	148,433	123,836
2015	9	148,510	123,887
2015	10	148,589	123,940
2015	11	148,668	123,993
2015	12	148,746	124,046
2016	1	148,814	124,091
2016	2	148,881	124,136
2016	3	148,948	124,181
2016	4	149,023	124,231
2016	5	149,097	124,281
2016	6	149,171	124,331
2016	7	149,250	124,384
2016	8	149,329	124,437
2016	9	149,408	124,489
2016	10	149,486	124,542
2016	11	149,565	124,594
2016	12	149,643	124,647
2017	1	149,706	124,689
2017	2	149,769	124,731
2017	3	149,832	124,774
2017	4	149,898	124,817
2017	5	149,963	124,861
2017	6	150,028	124,905
2017	7	150,091	124,947
2017	8	150,153	124,989
2017	9	150,216	125,030
2017	10	150,277	125,071
2017	11	150,338	125,112
2017	12	150,399	125,153
2018	1	150,450	125,187
2018	2	150,500	125,221
2018	3	150,551	125,255
2018	4	150,599	125,287
2018	5	150,647	125,319
2018	6	150,694	125,351
2018	7	150,745	125,384
2018	8	150,795	125,418
2018	9	150,845	125,451
2018	10	150,889	125,481
2018	11	150,932	125,510
2018	12	150,976	125,539

Year	Month	Non-Residential	A	AD	Residual
2014	1	147,021	122,887	231	23,903
2014	2	147,075	122,924	230	23,922
2014	3	147,129	122,960	228	23,941
2014	4	147,185	122,998	227	23,960
2014	5	147,242	123,036	226	23,980
2014	6	147,299	123,074	225	24,000
2014	7	147,362	123,117	224	24,022
2014	8	147,425	123,159	223	24,044
2014	9	147,489	123,202	222	24,065
2014	10	147,581	123,264	221	24,097
2014	11	147,673	123,325	219	24,128
2014	12	147,765	123,387	218	24,160
2015	1	147,855	123,448	217	24,190
2015	2	147,945	123,508	216	24,221
2015	3	148,035	123,568	215	24,251
2015	4	148,117	123,623	214	24,279
2015	5	148,198	123,678	213	24,307
2015	6	148,280	123,733	212	24,335
2015	7	148,357	123,784	211	24,362
2015	8	148,433	123,836	210	24,388
2015	9	148,510	123,887	209	24,414
2015	10	148,589	123,940	208	24,441
2015	11	148,668	123,993	206	24,468
2015	12	148,746	124,046	205	24,495
2016	1	148,814	124,091	204	24,518
2016	2	148,881	124,136	203	24,542
2016	3	148,948	124,181	202	24,565
2016	4	149,023	124,231	201	24,590
2016	5	149,097	124,281	200	24,616
2016	6	149,171	124,331	199	24,641
2016	7	149,250	124,384	198	24,668
2016	8	149,329	124,437	197	24,695
2016	9	149,408	124,489	196	24,722
2016	10	149,486	124,542	195	24,749
2016	11	149,565	124,594	194	24,776
2016	12	149,643	124,647	193	24,803
2017	1	149,706	124,689	192	24,825
2017	2	149,769	124,731	191	24,846
2017	3	149,832	124,774	190	24,868
2017	4	149,898	124,817	189	24,891
2017	5	149,963	124,861	188	24,913
2017	6	150,028	124,905	188	24,936
2017	7	150,091	124,947	187	24,957
2017	8	150,153	124,989	186	24,979
2017	9	150,216	125,030	185	25,001
2017	10	150,277	125,071	184	25,022
2017	11	150,338	125,112	183	25,043
2017	12	150,399	125,153	182	25,064
2018	1	150,450	125,187	181	25,082
2018	2	150,500	125,221	180	25,099
2018	3	150,551	125,255	179	25,117
2018	4	150,599	125,287	178	25,134
2018	5	150,647	125,319	177	25,151
2018	6	150,694	125,351	176	25,167
2018	7	150,745	125,384	176	25,185
2018	8	150,795	125,418	175	25,202
2018	9	150,845	125,451	174	25,220
2018	10	150,889	125,481	173	25,235
2018	11	150,932	125,510	172	25,250
2018	12	150,976	125,539	171	25,266

