

**QA:NA**

MOL.20080529.0096

To: Memo to File: REMI outputs for Consolidated Maintenance of Way Facility and  
Sensitivity Analysis: Workforce Residency Option

From: John Bland

Potomac-Hudson Engineering, Inc., Las Vegas, Nevada

April 24, 2008

This memo contains the outputs from the REMI *Policy Insight* model (v. 9.0) showing the impacts of consolidating the Maintenance-of-Way Facilities in Esmeralda County should DOE select the Goldfield alternative segment 4 option. The outputs are shown as differences from the analysis shown in Section 4.2.9.2 and 4.2.9.3 of the Rail Alignment EIS. The outputs show differences of economic and demographic measures for Nye and Esmeralda Counties for the Caliente Rail Alignment.

This memo contains also the outputs from the REMI *Policy Insight* model (v. 9.0) of an assumption that workers at Yucca Mountain facilities near the Geologic Repository Operations Area will reside 80 percent in Nye County and 20 percent in Clark County, different from the historical pattern whereby 80 percent reside in Clark County. The results in this memo are differences from the Scenario 2 outputs that are shown in Chapter 4 of the EIS and in Appendix J.

This workbook is developed to identify potential changes in REMI Policy Insight model outputs as a result of changed assumptions for the FEIS.

1. The assumption that the Caliente Alignment Maintenance of Way Trackside Facility is located in Nye County is changed.  
The Trackside Facility will be co-located with the Maintenance of Way Headquarters Facility in Esmeralda County.  
Other than location, no other changes will be considered. Thus the cost will equal the combined cost of the HQ and Trackside Facilities and the Operations staff will equal the total of the staffing of the HQ and Trackside Facilities as analyzed in the Draft EIS for the Caliente Rail Alignment.
2. The input data are copied directly from the Excel Workbook: "Develop Caliente Rail const REMI inputs April 2007."  
These data are located in this workbook in the worksheet entitled: "Input data"
3. The consequence for this change is that the data for the MOW Trackside Facility will be run as a positive input into Esmeralda County and a negative input into Nye County
4. Baseline values represented in this worksheet are copied from "REMI v9 baseline January 2007- extended to 2075"
5. Draft EIS values for the Caliente alignment are from: "REMI Outputs- Caliente RR primary -Apr 07- after empl changes to 2067"  
Draft EIS values for the Mina alignment are from: "REMI Outputs- Caliente RR primary -Apr 07- after empl changes to 2067"

**Adjustment: To 2006 dollars**

Year	CPI-U	Escalator to 2006 dollars
2000	172.2	1.170
2001	177.1	1.140
2002	179.9	1.120
2003	184.0	1.100
2004	188.9	1.070
2005	195.3	1.030
2006	201.6	1.000

**Note:**

For the Mina run, the following variables were used for Esmeralda and will be used for the alternative Caliente run

MOW Operations	20	Esmeralda	Firm Employment (number)	Mining (except oil, gas)	Thousands	3604
MOW Operations	20	Esmeralda	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)	Mining (except oil, gas)	Thousands	4404
MOW Operations	20	Esmeralda	Nullify Intermediate Inputs Induced by Employment (Industry Sales / Int'l Exports) (number)	Mining (except oil, gas)	Thousands	5004
MOW Operations	20	Esmeralda	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)	Prof, tech services	2006 Fixed National \$ (M)	6249
MOW Operations	20	Esmeralda	Residence Adjustment (Commuter income)	Commuters	2006 Fixed National \$ (M)	32

Inputs for MOW at GF 4

	A	B	C	D	E
1					
2	DONE?	Phase as analyzed in Draft RA EIS	Phase #	County	Variable
3	Y	Construct MOW HQ	13	Esmeralda	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
4	Y	Construct MOW Trackside	14	Nye	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
5					
6		Maintenance of Way HQ Operations in Esmeralda			
7	Y	MOW HQ Operation - Esmeralda	20a	Esmeralda	Firm Employment (number)
8	Y	MOW HQ Operation - Esmeralda	20a	Esmeralda	Residence Adjustment (Commuter income)
9		MOW HQ Operation - Esmeralda	20a	Esmeralda	Residence Adjusted Employment
10		MOW HQ Operation - Esmeralda	20a	Esmeralda	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
11					
12					
13		Maintenance of Way Trackside Facility Ops in Nye			
14	Y	MOW Trackside Operation - Nye County	20b	Nye	Firm Employment (number)
15	Y	MOW Trackside Operation - Nye County	20b	Nye	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
16	Y	MOW Trackside Operation - Nye County	20b	Nye	Nullify Intermediate Inputs Induced by Employment (Industry Sales / Int'l Exports) (number)
17	Y	MOW Trackside Operation - Nye County	20b	Nye	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
18	Y	MOW Trackside Operation - Nye County	20b	Nye	Residence Adjustment (Commuter income)
19					
20		Maintenance of Way Consolidated Facility Operations as analyzed for Mina Alignment			
21		MOW Operations	20	Esmeralda	Firm Employment (number)
22		MOW Operations	20	Esmeralda	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
23		MOW Operations	20	Esmeralda	Nullify Intermediate Inputs Induced by Employment (Industry Sales / Int'l Exports) (number)
24		MOW Operations	20	Esmeralda	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
25		MOW Operations	20	Esmeralda	Residence Adjustment (Commuter income)
26					
27					
28					
29					
30		Changes to Esmeralda County from Draft RA EIS Runs as a result of locating MOW Trackside into Esmeralda County			
31	Y	Construct MOW Trackside	14	Esmeralda	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
32		MOW Trackside Operation - Nye County	20b	Esmeralda	Firm Employment (number)
33		MOW Trackside Operation - Nye County	20b	Esmeralda	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
34		MOW Trackside Operation - Nye County	20b	Esmeralda	Nullify Intermediate Inputs Induced by Employment (Industry Sales / Int'l Exports) (number)
35		MOW Trackside Operation - Nye County	20b	Esmeralda	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
36		MOW Trackside Operation - Nye County	20b	Esmeralda	Residence Adjustment (Commuter income)
37					
38		Note: The Construction and operation of MOW HQ did not change and is therefore not included in the analysis			
39					
40					
41		The following are the REMI Inputs for the change of MOW Trackside Facility from Nye to Esmeralda County			
42		Changes to Nye County from Draft RA EIS Runs as a result of locating MOW Trackside into Esmeralda County (and removing it from Nye County)			
43		Construct MOW Trackside	14	Nye	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
44		MOW Trackside Operation - Nye County	20b	Nye	Firm Employment (number)
45		MOW Trackside Operation - Nye County	20b	Nye	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
46		MOW Trackside Operation - Nye County	20b	Nye	Nullify Intermediate Inputs Induced by Employment (Industry Sales / Int'l Exports) (number)
47		MOW Trackside Operation - Nye County	20b	Nye	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)

Inputs for MOW at GF 4

A	B	C	D	E
48	MOW Trackside Operation - Nye County	20b	Nye	Residence Adjustment (Commuter income)
49				
50	<b>Changes to Esmeralda County from Draft RA EIS Runs as a result of locating MOW Trackside into Esmeralda County; uses mina run inputs except for yearly cost v</b>			
51	Construct MOW Trackside	14	Esmeralda	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
52	MOW Operations	20	Esmeralda	Firm Employment (number)
53	MOW Operations	20	Esmeralda	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
54	MOW Operations	20	Esmeralda	Nullify Intermediate Inputs Induced by Employment (Industry Sales / Int'l Exports) (number)
55	MOW Operations	20	Esmeralda	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
56	MOW Operations	20	Esmeralda	Residence Adjustment (Commuter income)
57				
58				
59				
60	<b>The following are the REMI Inputs used in the development of EOL Facility, assuming 20% reside in Nye and 80% reside in Clark</b>			
61				
62	Y Construct EOL Facility (w/o TCC)	15	Nye	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
63	Y Construct EOL Facility (w/o TCC)	15	Nye	Firm Employment (number)
64	Y Construct EOL Facility (w/o TCC)	15	Nye	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
65	Y Construct EOL Facility (w/o TCC)	15	Nye	Residence Adjustment (Commuter income)
66	Y Construct EOL Facility (w/o TCC)	15	Clark	Firm Employment (number)
67	Y Construct EOL Facility (w/o TCC)	15	Clark	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
68	Y Construct EOL Facility (w/o TCC)	15	Clark	Wage Bill (amount)
69				
70				
71				
72				
73				
74				
75	Y EOL Facility Ops in Nye: Amargosa Valley ε	19	Nye	Firm Employment (number)
76	Y EOL Facility Ops in Nye: Amargosa Valley ε	19	Nye	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
77	Y EOL Facility Ops in Nye: Amargosa Valley ε	19	Nye	Nullify Intermediate Inputs Induced by Employment (Industry Sales / Int'l Exports) (number)
78	Y EOL Facility Ops in Nye: Amargosa Valley ε	19	Nye	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
79	Y EOL Facility Ops in Nye: Amargosa Valley ε	19	Nye	Residence Adjustment (Commuter income)
80	Y EOL Facility Ops in Nye: Amargosa Valley ε	19	Clark	Firm Employment (number)
81	Y EOL Facility Ops in Nye: Amargosa Valley ε	19	Clark	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
82	Y EOL Facility Ops in Nye: Amargosa Valley ε	19	Clark	Nullify Intermediate Inputs Induced by Employment (Industry Sales / Int'l Exports) (number)
83	Y EOL Facility Ops in Nye: Amargosa Valley ε	19	Clark	Wage Bill (amount)
84				Res adj per worker (nye) construction
85				Res adj per worker (nye) professional tech
86				
87				
88				Res adj per worker (clark) construction
89				Res adj per worker (clark) professional tech
90				
91	<b>The following are the inputs for the New REMI run which increases Nye County Participation from 20% to 80%</b>			
92	And decreases Clark County participation from 80% to 20%.			
93				
94	These inputs are only the <u>changes from the inputs for the Draft RA EIS</u> ; Therefore, the outputs of the REMI run will be the changes from the Draft EIS outputs.			
95				

Inputs for MOW at GF 4

A	B	C	D	E
96	Construct EOL Facility (w/o TCC)	15	Nye	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
97	Construct EOL Facility (w/o TCC)	15	Nye	Firm Employment (number): Increased by factor of 3
98	Construct EOL Facility (w/o TCC)	15	Nye	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
99	Construct EOL Facility (w/o TCC)	15	Nye	Residence Adjustment (Commuter income)
100	Construct EOL Facility (w/o TCC)	15	Clark	Firm Employment (number): Removed three-fourths of the employment
101	Construct EOL Facility (w/o TCC)	15	Clark	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
102	Construct EOL Facility (w/o TCC)	15	Clark	Wage Bill (amount)
103				
104				
105	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Nye	Firm Employment (number): Increased by factor of 3
106	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Nye	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
107	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Nye	Nullify Intermediate Inputs Induced by Employment (Industry Sales / Int'l Exports) (number)
108	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Nye	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
109	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Nye	Residence Adjustment (Commuter income)
110	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Clark	Firm Employment (number): Removed three-fourths of the employment
111	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Clark	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
112	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Clark	Nullify Intermediate Inputs Induced by Employment (Industry Sales / Int'l Exports) (number)
113	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Clark	Wage Bill (amount)
114				
115				
116	Construct and Ops Combined and then Sorted by County: Nye			
117	Construct EOL Facility (w/o TCC)	15	Nye	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
118	Construct EOL Facility (w/o TCC)	15	Nye	Firm Employment (number): Increased by factor of 3
119	Construct EOL Facility (w/o TCC)	15	Nye	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
120	Construct EOL Facility (w/o TCC)	15	Nye	Residence Adjustment (Commuter income)
121	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Nye	Firm Employment (number): Increased by factor of 3
122	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Nye	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
123	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Nye	Nullify Intermediate Inputs Induced by Employment (Industry Sales / Int'l Exports) (number)
124	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Nye	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
125	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Nye	Residence Adjustment (Commuter income)
126				
127	Construct and Ops Combined and then Sorted by County: Clark			
128	Construct EOL Facility (w/o TCC)	15	Clark	Firm Employment (number): Removed three-fourths of the employment
129	Construct EOL Facility (w/o TCC)	15	Clark	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
130	Construct EOL Facility (w/o TCC)	15	Clark	Wage Bill (amount)
131	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Clark	Firm Employment (number): Removed three-fourths of the employment
132	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Clark	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
133	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Clark	Nullify Intermediate Inputs Induced by Employment (Industry Sales / Int'l Exports) (number)
134	EOL Facility Ops in Nye: Amargosa Valley ↗	19	Clark	Wage Bill (amount)
135				
136	These are the inputs for the CMF Construction & Ops: See Worksheet "CMF Development"			
137	Construct CMF	23	Nye	Firm Employment (number)
138	Construct CMF	23	Nye	Residence Adjustment (Commuter income)

Inputs for MOW at GF 4

A	B	C	D	E
139	CMF Operations in Nye (30 employees)	24	Nye	Firm Employment (number)
140	CMF Operations in Nye (30 employees)	24	Nye	Residence Adjustment (Commuter income)
141				
142				
143	Construct CMF	23	Clark	Firm Employment (number)
144	Construct CMF	23	Clark	Wage Bill (amount)
145	CMF Operations in Nye (30 employees)	24	Clark	Firm Employment (number)
146	CMF Operations in Nye (30 employees)	24	Clark	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
147	CMF Operations in Nye (30 employees)	24	Clark	Wage Bill (amount)
148				
149				
150	These are the inputs for the TCC/NTOC Construction & Ops: See Worksheet "NRCC-NTOC development"			
151	TCC/NTOC construction in Nye concurrent	24	Nye	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
152	TCC/NTOC construction in Nye concurrent	21	Nye	Firm Employment (number)
153	TCC/NTOC construction in Nye concurrent	21	Nye	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
154	TCC/NTOC construction in Nye concurrent	21	Nye	Residence Adjustment (Commuter income) for constr
155	TCC/NTOC Operations in Nye	22	Nye	Industry Sales / Int'l Exports without Employment, Investment, and Wages (amount)
156	TCC/NTOC Operations in Nye	22	Nye	Firm Employment (number)
157	TCC/NTOC Operations in Nye	22	Nye	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
158	TCC/NTOC Operations in Nye	22	Nye	Residence Adjustment (Commuter income) for ops
159				
160	TCC/NTOC construction in Nye concurrent	21	Clark	Firm Employment (number)
161	TCC/NTOC construction in Nye concurrent	21	Clark	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
162	TCC/NTOC construction in Nye concurrent	21	Clark	Wage Bill (amount)
163	TCC/NTOC Operations in Nye	22	Clark	Firm Employment (number)
164	TCC/NTOC Operations in Nye	22	Clark	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
165	TCC/NTOC Operations in Nye	22	Clark	Residence Adjustment (Commuter income)
166				
167				
168	Combined			
169		Nye		Firm Employment (number): Increased by factor of 3
170		Nye		Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
171		Nye		Residence Adjustment (Commuter income)
172		Nye		Firm Employment (number): Increased by factor of 3
173		Nye		Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
174		Nye		Nullify Intermediate Inputs Induced by Employment (Industry Sales / Int'l Exports) (number)
175		Nye		Residence Adjustment (Commuter income)
176				
177		Clark		Firm Employment (number): Removed three-fourths of the employment
178		Clark		Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)
179		Clark		Wage Bill (amount)
180		Clark		Firm Employment (number): Removed three-fourths of the employment

Inputs for MOW at GF 4

	A	B	C	D	E
181			Clark	Nullify Investment Induced by Employment (Industry Sales / Int'l Exports) (number)	
182			Clark	Nullify Intermediate Inputs Induced by Employment (Industry Sales / Int'l Exports) (number)	
183			Clark	Wage Bill (amount)	

Inputs for MOW at GF 4

	F	G	H	I	J	K	L	M	N	O	P	Q
1												
2	Sector	Units	PV #	2010	2011	2012	2013	2014	2015	2016	2017	2018
3	Construction	2006 Fixed National \$ (M)	6207	0.000000	0.000000	0.000000	1.947045	0.000000				
4	Construction	2006 Fixed National \$ (M)	6207	0.000000	0.000000	4.575114	0.915023	0.000000				
5												
6												
7	Transportation	Thousands	3635	0.0000	0.0000	0.0000	0.0000	0.0050	0.0100	0.0100	0.0100	0.0100
8	Commuters	2006 Fixed National \$ (M)	32	0.000000	0.000000	0.000000	0.000000	0.285495	0.570990	0.570990	0.570990	0.570990
9	Commuters	Thousands	D52	0.0000	0.0000	0.0000	0.0000	0.0050	0.0100	0.0100	0.0100	0.0100
10	Truck transportation	2006 Fixed National \$ (M)	6235	0.000000	0.000000	0.000000	0.000000	0.012000	0.024000	0.024000	0.024000	0.024000
11												
12												
13												
14	Prof, tech services	Thousands	3649	0.0000	0.0000	0.0000	0.0000	0.0200	0.0400	0.0400	0.0400	0.0400
15	Prof, tech services	Thousands	4449	0.0000	0.0000	0.0000	0.0000	0.0200	0.0400	0.0400	0.0400	0.0400
16	Prof, tech services	Thousands	5049	0.0000	0.0000	0.0000	0.0000	0.0200	0.0400	0.0400	0.0400	0.0400
17	Prof, tech services	2006 Fixed National \$ (M)	6249	0.000000	0.000000	0.000000	0.000000	0.048000	0.096000	0.096000	0.096000	0.096000
18	Commuters	2006 Fixed National \$ (M)	32	0.000000	0.000000	0.000000	0.000000	0.084465	0.168931	0.168931	0.168931	0.168931
19												
20												
21	Mining (except oil, gas)	Thousands	3604	0.0000	0.0000	0.0000	0.0000	0.0200	0.0400	0.0400	0.0400	0.0400
22	Mining (except oil, gas)	Thousands	4404	0.0000	0.0000	0.0000	0.0000	0.0200	0.0400	0.0400	0.0400	0.0400
23	Mining (except oil, gas)	Thousands	5004	0.0000	0.0000	0.0000	0.0000	0.0200	0.0400	0.0400	0.0400	0.0400
24	Prof, tech services	2006 Fixed National \$ (M)	6249	0.000000	0.000000	0.000000	0.000000	0.060000	0.120000	0.120000	0.120000	0.120000
25	Commuters	2006 Fixed National \$ (M)	32	0.000000	0.000000	0.000000	0.000000	0.685262	1.370524	1.370524	1.370524	1.370524
26												
27												
28												
29												
30												
31	Construction	2006 Fixed National \$ (M)	6207	0.000000	0.000000	4.575114	0.915023	0.000000	0.000000	0.000000	0.000000	0.000000
32	Prof, tech services	Thousands	3649	0.0000	0.0000	0.0000	0.0000	0.0200	0.0400	0.0400	0.0400	0.0400
33	Prof, tech services	Thousands	4449	0.0000	0.0000	0.0000	0.0000	0.0200	0.0400	0.0400	0.0400	0.0400
34	Prof, tech services	Thousands	5049	0.0000	0.0000	0.0000	0.0000	0.0200	0.0400	0.0400	0.0400	0.0400
35	Prof, tech services	2006 Fixed National \$ (M)	6249	0.000000	0.000000	0.000000	0.000000	0.048000	0.096000	0.096000	0.096000	0.096000
36	Commuters	2006 Fixed National \$ (M)	32	0.000000	0.000000	0.000000	0.000000	0.084465	0.168931	0.168931	0.168931	0.168931
37												
38												
39												
40												
41				2010	2011	2012	2013	2014				
42												
43	Construction	2006 Fixed National \$ (M)	6207	0.000000	0.000000	-4.575114	-0.915023	0.000000	0.000000	0.000000	0.000000	0.000000
44	Prof, tech services	Thousands	3649	0.0000	0.0000	0.0000	0.0000	-0.0200	-0.0400	-0.0400	-0.0400	-0.0400
45	Prof, tech services	Thousands	4449	0.0000	0.0000	0.0000	0.0000	-0.0200	-0.0400	-0.0400	-0.0400	-0.0400
46	Prof, tech services	Thousands	5049	0.0000	0.0000	0.0000	0.0000	-0.0200	-0.0400	-0.0400	-0.0400	-0.0400
47	Prof, tech services	2006 Fixed National \$ (M)	6249	0.000000	0.000000	0.000000	0.000000	-0.048000	-0.096000	-0.096000	-0.096000	-0.096000

Inputs for MOW at GF 4

	F	G	H	I	J	K	L	M	N	O	P	Q
48	Commuters	2006 Fixed National \$ (M)	32	0.000000	0.000000	0.000000	0.000000	-0.084465	-0.168931	-0.168931	-0.168931	-0.168931
49												
50	<b>which is reduced by HQ amount already in HQ run</b>											
51	Construction	2006 Fixed National \$ (M)	6207	0.000000	0.000000	4.575114	0.9150227	0.000000	0.000000	0.000000	0.000000	0.000000
52	Mining (except oil, gas)	Thousands	3604	0.0000	0.0000	0.0000	0.0000	0.0200	0.0400	0.0400	0.0400	0.0400
53	Mining (except oil, gas)	Thousands	4404	0.0000	0.0000	0.0000	0.0000	0.0200	0.0400	0.0400	0.0400	0.0400
54	Mining (except oil, gas)	Thousands	5004	0.0000	0.0000	0.0000	0.0000	0.0200	0.0400	0.0400	0.0400	0.0400
55	Prof, tech services	2006 Fixed National \$ (M)	6249	0.000000	0.000000	0.000000	0.000000	0.048000	0.096000	0.096000	0.096000	0.096000
56	Commuters	2006 Fixed National \$ (M)	32	0.000000	0.000000	0.000000	0.000000	0.685262	1.370524	1.370524	1.370524	1.370524
57												
58												
59												
60												
61												
62	Construction	2006 Fixed National \$ (M)	6207	0.000000	0.000000	9.174750	15.728143	2.621357				
63	Construction	Thousands	3607	0.000	0.000	0.015	0.026	0.004				
64	Construction	Thousands	4407	0.000	0.000	0.015	0.026	0.004				
65	Commuters	2006 Fixed National \$ (M)	32	0.000000	0.000000	0.694249	1.190141	0.198357				
66	Construction	Thousands	3607	0.000	0.000	0.063	0.109	0.018				
67	Construction	Thousands	4407	0.000	0.000	0.063	0.109	0.018				
68	Construction	2006 Fixed National \$ (M)	2607	0.000000	0.000000	1.285583	2.203856	0.367309				
69												
70												
71												
72												
73												
74												
75	Prof, tech services	Thousands	3649	0.0000	0.0000	0.0000	0.0000	0.0024	0.0049	0.0049	0.0049	0.0049
76	Prof, tech services	Thousands	4449	0.0000	0.0000	0.0000	0.0000	0.0024	0.0049	0.0049	0.0049	0.0049
77	Prof, tech services	Thousands	5049	0.0000	0.0000	0.0000	0.0000	0.0024	0.0049	0.0049	0.0049	0.0049
78	Prof, tech services	2006 Fixed National \$ (M)	6249	0.000000	0.000000	0.000000	0.000000	0.040000	0.080000	0.080000	0.080000	0.080000
79	Commuters	2006 Fixed National \$ (M)	32	0.000000	0.000000	0.000000	0.000000	0.010317	0.020634	0.020634	0.020634	0.020634
80	Prof, tech services	Thousands	3649	0.0000	0.0000	0.0000	0.0000	0.0101	0.0201	0.0201	0.0201	0.0201
81	Prof, tech services	Thousands	4449	0.0000	0.0000	0.0000	0.0000	0.0101	0.0201	0.0201	0.0201	0.0201
82	Prof, tech services	Thousands	5049	0.0000	0.0000	0.0000	0.0000	0.0101	0.0201	0.0201	0.0201	0.0201
83	Prof, tech services	2006 Fixed National \$ (M)	2649	0.000000	0.000000	0.000000	0.000000	0.287611	0.575222	0.575222	0.575222	0.575222
84												
85						45.110	45.110	45.110				
86								4.223	4.223	4.223	4.223	4.223
87												
88						20.290	20.290	20.290				
89								28.598	28.598	28.598	28.598	28.598
90												
91												
92												
93												
94												
95												

Inputs for MOW at GF 4

	F	G	H	I	J	K	L	M	N	O	P	Q
96	Construction	2006 Fixed National \$ (M)	6207	No change								
97	Construction	Thousands	3607	0.000	0.000	0.046	0.079	0.013				
98	Construction	Thousands	4407	0.000	0.000	0.046	0.079	0.013				
99	Commuters	2006 Fixed National \$ (M)	32	0.000000	0.000000	2.082747	3.570424	0.595071				
100	Construction	Thousands	3607	0.000	0.000	-0.048	-0.081	-0.014				
101	Construction	Thousands	4407	0.000	0.000	-0.048	-0.081	-0.014				
102	Construction	2006 Fixed National \$ (M)	2607	0.000000	0.000000	-0.964187	-1.652892	-0.275482				
103												
104												
105	Prof, tech services	Thousands	3649	0.000	0.000	0.000	0.000	0.007	0.015	0.015	0.015	0.015
106	Prof, tech services	Thousands	4449	0.000	0.000	0.000	0.000	0.007	0.015	0.015	0.015	0.015
107	Prof, tech services	Thousands	5049	0.000	0.000	0.000	0.000	0.007	0.015	0.015	0.015	0.015
108	Prof, tech services	2006 Fixed National \$ (M)	6249	No change								
109	Commuters	2006 Fixed National \$ (M)	32	0.000000	0.000000	0.000000	0.000000	0.030951	0.061902	0.061902	0.061902	0.061902
110	Prof, tech services	Thousands	3649	0.000	0.000	0.000	0.000	-0.008	-0.015	-0.015	-0.015	-0.015
111	Prof, tech services	Thousands	4449	0.000	0.000	0.000	0.000	-0.008	-0.015	-0.015	-0.015	-0.015
112	Prof, tech services	Thousands	5049	0.000	0.000	0.000	0.000	-0.008	-0.015	-0.015	-0.015	-0.015
113	Prof, tech services	2006 Fixed National \$ (M)	2649	0.000000	0.000000	0.000000	0.000000	-0.215708	-0.431416	-0.431416	-0.431416	-0.431416
114												
115												
116												
117	Construction	2006 Fixed National \$ (M)	6207	No change								
118	Construction	Thousands	3607	0.000	0.000	0.046	0.079	0.013				
119	Construction	Thousands	4407	0.000	0.000	0.046	0.079	0.013				
120	Commuters	2006 Fixed National \$ (M)	32	0.000000	0.000000	2.082747	3.570424	0.595071				
121	Prof, tech services	Thousands	3649	0.000	0.000	0.000	0.000	0.007	0.015	0.015	0.015	0.015
122	Prof, tech services	Thousands	4449	0.000	0.000	0.000	0.000	0.007	0.015	0.015	0.015	0.015
123	Prof, tech services	Thousands	5049	0.000	0.000	0.000	0.000	0.007	0.015	0.015	0.015	0.015
124	Prof, tech services	2006 Fixed National \$ (M)	6249	No change								
125	Commuters	2006 Fixed National \$ (M)	32	0.000000	0.000000	0.000000	0.000000	0.030951	0.061902	0.061902	0.061902	0.061902
126												
127												
128	Construction	Thousands	3607	0.000	0.000	-0.048	-0.081	-0.014				
129	Construction	Thousands	4407	0.000	0.000	-0.048	-0.081	-0.014				
130	Construction	2006 Fixed National \$ (M)	2607	0.000000	0.000000	-0.964187	-1.652892	-0.275482				
131	Prof, tech services	Thousands	3649	0.000	0.000	0.000	0.000	-0.008	-0.015	-0.015	-0.015	-0.015
132	Prof, tech services	Thousands	4449	0.000	0.000	0.000	0.000	-0.008	-0.015	-0.015	-0.015	-0.015
133	Prof, tech services	Thousands	5049	0.000	0.000	0.000	0.000	-0.008	-0.015	-0.015	-0.015	-0.015
134	Prof, tech services	2006 Fixed National \$ (M)	2649	0.000000	0.000000	0.000000	0.000000	-0.215708	-0.431416	-0.431416	-0.431416	-0.431416
135												
136												
137	Construction	Thousands	3607	0	0	0.051301	0.0879442	0.014657	0	0	0	0
138	Commuters	2006 Fixed National \$ (M)	32	0	0	2.314164	3.9671378	0.66119	0	0	0	0

Inputs for MOW at GF 4

	F	G	H	I	J	K	L	M	N	O	P	Q
139	Prof, tech services	Thousands	3649	0	0	0	0	0.008794	0.017589	0.017589	0.017589	0.017589
140	Commuters	2006 Fixed National \$ (M)	32	0	0	0	0	0.037141	0.074282	0.074282	0.074282	0.074282
141												
142												
143	Construction	Thousands	3607	0	0	-0.0528	-0.090514	-0.015086	0	0	0	0
144	Construction	2006 Fixed National \$ (M)	2607	0	0	-1.07132	-1.836547	-0.306091	0	0	0	0
145	Prof, tech services	Thousands	3649	0	0	0	0	-0.009051	-0.0181	-0.0181	-0.0181	-0.0181
146	Prof, tech services	Thousands	4449	0	0	0	0	-0.009051	-0.0181	-0.0181	-0.0181	-0.0181
147	Prof, tech services	2006 Fixed National \$ (M)	2649	0	0	0	0	-0.25885	-0.5177	-0.5177	-0.5177	-0.5177
148												
149												
150												
151	Construction	2006 Fixed National \$ (M)	6207	No change								
152	Construction	Thousands	3607	0	0	0.005	0.009	0.001	0.015	0.000	0.000	0.000
153	Construction	Thousands	4407	0	0	0.005	0.009	0.001	0.015	0.000	0.000	0.000
154	Commuters	2006 Fixed National \$ (M)	32	0	0	0.231416	0.396714	0.066119	0.000000	0.000000	0.000000	0.000000
155	Prof, tech services	2006 Fixed National \$ (M)	6249	No change								
156	Prof, tech services	Thousands	3649	0	0	0.000	0.000	0.004	0.009	0.009	0.009	0.009
157	Prof, tech services	Thousands	4449	0	0	0.000	0.000	0.004	0.009	0.009	0.009	0.009
158	Commuters	2006 Fixed National \$ (M)	32	0	0	0.000000	0.000000	0.125750	0.251501	0.251501	0.251501	0.251501
159												
160	Construction	Thousands	3607	0	0	-0.005	-0.009	-0.002	-0.016	0.000	0.000	0.000
161	Construction	Thousands	4407	0	0	-0.005	-0.009	-0.002	-0.016	0.000	0.000	0.000
162	Construction	2006 Fixed National \$ (M)	2607	0	0	-0.107132	-0.183655	-0.030609	0.000000	0.000000	0.000000	0.000000
163	Prof, tech services	Thousands	3649	0	0	0.000	0.000	-0.005	-0.009	-0.009	-0.009	-0.009
164	Prof, tech services	Thousands	4449	0	0	0.000	0.000	-0.005	-0.009	-0.009	-0.009	-0.009
165	Commuters	2006 Fixed National \$ (M)	32	0	0	0.000000	0.000000	-0.129425	-0.258850	-0.258850	-0.258850	-0.258850
166												
167												
168												
169	Construction	Thousands	3607	0.000	0.000	0.103	0.176	0.029	0.015	0.000	0.000	0.000
170	Construction	Thousands	4407	0.000	0.000	0.103	0.176	0.029	0.015	0.000	0.000	0.000
171	Commuters	2006 Fixed National \$ (M)	32	0.000000	0.000000	4.628327	7.934276	1.322379	0.000000	0.000000	0.000000	0.000000
172	Prof, tech services	Thousands	3649	0.000	0.000	0.000	0.000	0.021	0.041	0.041	0.041	0.041
173	Prof, tech services	Thousands	4449	0.000	0.000	0.000	0.000	0.021	0.041	0.041	0.041	0.041
174	Prof, tech services	Thousands	5049	0.000	0.000	0.000	0.000	0.021	0.041	0.041	0.041	0.041
175	Commuters	2006 Fixed National \$ (M)	32	0.000000	0.000000	0.000000	0.000000	0.193843	0.387685	0.387685	0.387685	0.387685
176												
177	Construction	Thousands	3607	0.000	0.000	-0.106	-0.181	-0.030	-0.016	0.000	0.000	0.000
178	Construction	Thousands	4407	0.000	0.000	-0.106	-0.181	-0.030	-0.016	0.000	0.000	0.000
179	Construction	2006 Fixed National \$ (M)	2607	0.000000	0.000000	-2.142638	-3.673093	-0.612182	0.000000	0.000000	0.000000	0.000000
180	Prof, tech services	Thousands	3649	0.000	0.000	0.000	0.000	-0.012	-0.024	-0.024	-0.024	-0.024

Inputs for MOW at GF 4

	F	G	H	I	J	K	L	M	N	O	P	Q
181	Prof, tech services	Thousands	4449	0.000	0.000	0.000	0.000	-0.012	-0.024	-0.024	-0.024	-0.024
182	Prof, tech services	Thousands	5049	0.000	0.000	0.000	0.000	-0.012	-0.024	-0.024	-0.024	-0.024
183	Prof, tech services	2006 Fixed National \$ (M)	2649	0.000000	0.000000	0.000000	0.000000	-0.603983	-1.207965	-1.207965	-1.207965	-1.207965

Inputs for MOW at GF 4

	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
1	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
2	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
3	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990
4	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
5	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000
6																
7																
8																
9																
10																
11																
12																
13																
14	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
15	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
16	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
17	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000
18	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931
19																
20																
21	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
22	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
23	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
24	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000
25	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524
26																
27																
28																
29																
30																
31	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
32	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
33	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
34	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
35	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000
36	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931
37																
38																
39																
40																
41																
42																
43	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
44	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400
45	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400
46	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400
47	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000

Inputs for MOW at GF 4

	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
48	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931
49																
50																
51	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
52	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
53	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
54	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
55	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000
56	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524
57																
58																
59																
60																
61																
62																
63																
64																
65																
66																
67																
68																
69																
70																
71																
72																
73																
74																
75	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049
76	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049
77	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049
78	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000
79	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634
80	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201
81	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201
82	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201
83	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222
84																
85																
86	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223
87																
88																
89	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598
90																
91																
92																
93																
94																
95																

Inputs for MOW at GF 4

	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
96																
97																
98																
99																
100																
101																
102																
103																
104																
105	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
106	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
107	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
108																
109	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902
110	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015
111	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015
112	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015
113	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416
114																
115																
116																
117																
118																
119																
120																
121	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
122	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
123	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
124																
125	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902
126																
127																
128																
129																
130																
131	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015
132	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015
133	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015
134	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416
135																
136																
137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Inputs for MOW at GF 4

	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
139	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589
140	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282
141																
142																
143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181
146	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181
147	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177
148																
149																
150																
151																
152	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
153	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
154	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
155																
156	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
157	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
158	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501
159																
160	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
161	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
163	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009
164	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009
165	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850
166																
167																
168																
169	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
171	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
172	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041
173	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041
174	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041
175	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685
176																
177	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
178	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
179	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
180	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024

Inputs for MOW at GF 4

	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
181	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	
182	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	
183	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	

Inputs for MOW at GF 4

	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
1																
2	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
3																
4																
5																
6																
7	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
8	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990	0.570990
9	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
10	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000	0.024000
11																
12																
13																
14	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
15	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
16	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
17	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000
18	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931
19																
20																
21	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
22	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
23	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
24	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000	0.120000
25	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524
26																
27																
28																
29																
30																
31	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
32	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
33	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
34	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
35	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000
36	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931	0.168931
37																
38																
39																
40																
41																
42																
43	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
44	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400
45	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400
46	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400	-0.0400
47	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000	-0.096000

Inputs for MOW at GF 4

	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
48	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931	-0.168931
49																
50																
51	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
52	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
53	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
54	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400
55	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000	0.096000
56	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524	1.370524
57																
58																
59																
60																
61																
62																
63																
64																
65																
66																
67																
68																
69																
70																
71																
72																
73																
74																
75	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049
76	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049
77	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049	0.0049
78	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000	0.080000
79	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634	0.020634
80	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201
81	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201
82	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201
83	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222	0.575222
84																
85																
86	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223	4.223
87																
88																
89	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598	28.598
90																
91																
92																
93																
94																
95																

## Inputs for MOW at GF 4

	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
96																
97																
98																
99																
100																
101																
102																
103																
104																
105	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	-0.015	0.015	0.015	0.015	0.015	0.015
106	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
107	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
108																
109	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902
110	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015
111	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015
112	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015
113	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416
114																
115																
116																
117																
118																
119																
120																
121	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
122	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
123	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
124																
125	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902	0.061902
126																
127																
128																
129																
130																
131	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015
132	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015
133	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015	-0.015
134	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416	-0.431416
135																
136																
137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Inputs for MOW at GF 4

	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
139	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589	0.017589
140	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282	0.074282
141																
142																
143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181
146	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181	-0.0181
147	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177	-0.5177
148																
149																
150																
151																
152	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
153	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
154	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
155																
156	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
157	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
158	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501	0.251501
159																
160	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
161	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
163	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009
164	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009
165	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850	-0.258850
166																
167																
168																
169	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
171	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
172	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041
173	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041
174	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041
175	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685	0.387685
176																
177	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
178	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
179	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
180	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024

Inputs for MOW at GF 4

	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
181	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	
182	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	
183	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	-1.207965	

**Changes to Esmeralda if Trackside MOW Co-Located in Esmeralda for Caliente Alignment**

**Key economic variables: Baseline for Esmeralda County**

Variable	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Population (Thous)	1.276	1.243	1.215	1.189	1.167	1.147	1.131	1.113	1.096	1.082	1.069
Total Emp (Thous)	0.474	0.475	0.475	0.470	0.469	0.466	0.464	0.461	0.457	0.452	0.451
State & Local Gov (Bil Fixed 2006\$)	0.007024	0.008195	0.007024	0.007024	0.007024	0.007024	0.007024	0.007024	0.007024	0.007024	0.007024
Real Disp Pers Inc (Bil Fixed 2006\$)	0.028098	0.028098	0.029268	0.029268	0.030439	0.030439	0.031610	0.031610	0.032780	0.032780	0.032780
Total GRP (Bil Fixed 2006\$)	0.025756	0.025756	0.025756	0.025756	0.026927	0.026927	0.026927	0.028098	0.028098	0.028098	0.029268

The following represents the outputs from REMI (changes from baseline) for the Trackside MOW to be located in Esmeralda County.

Caliente Alignment. These derive from the worksheet "Input data." The input values are seen in Rows 43 - 56

Variable	2010	2011	2012	2013	2014	2015
Total Population	0.000	0.000	0.000	0.000	0.006	0.018
Total Emp (Thous)	0.000	0.000	0.001	0.000	0.025	0.050
State & Local Gov (Bil Fixed 2000\$)	0.000000	0.000000	0.000001	0.000001	0.000049	0.000140
Real Disp Pers Inc (Bil Fixed 2000\$)	-0.000000	0.000000	0.000007	0.000002	0.001484	0.003014
Total GRP (Bil Fixed 2000\$)	0.000000	0.000000	0.001740	0.000348	0.002722	0.005585

**Adjust to 2006 Dollars**

Variable	2010	2011	2012	2013	2014	2015
Total Population	0.000	0.000	0.000	0.000	0.006	0.018
Total Emp (Thous)	0.000	0.000	0.001	0.000	0.025	0.050
State & Local Gov (Bil Fixed 2006\$)	0.000000	0.000000	0.000001	0.000001	0.000058	0.000164
Real Disp Pers Inc (Bil Fixed 2006\$)	0.000000	0.000000	0.000009	0.000003	0.001736	0.003526
Total GRP (Bil Fixed 2006\$)	0.000000	0.000000	0.002036	0.000407	0.003185	0.006534
State & Local Gov (Fixed 2006\$)			\$714	\$643	\$57,576	\$164,151
Real Disp Pers Inc (Fixed 2006\$)			\$8,685	\$2,600	\$1,736,280	\$3,526,380
Total GRP (Fixed 2006\$)			\$2,035,800	\$406,809	\$3,184,740	\$6,534,450

**Percentage Change of New Outputs from the Baseline**

Variable	2010	2011	2012	2013	2014	2015
Total Population	0.00%	0.00%	0.01%	0.01%	0.59%	1.70%
Total Emp (Thous)	0.00%	0.00%	0.25%	0.05%	5.54%	11.19%
State & Local Gov (Bil Fixed 2006\$)	0.00%	0.00%	0.01%	0.01%	0.82%	2.34%
Real Disp Pers Inc (Bil Fixed 2006\$)	0.00%	0.00%	0.03%	0.01%	5.30%	10.76%
Total GRP (Bil Fixed 2006\$)	0.00%	0.00%	7.25%	1.45%	11.33%	22.33%

Changes to Esmeralda if Trackside MOW Co-Located in Esmeralda for Caliente Alignment

**Key economic variables: Baseline for Esmeralda**

Variable	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Total Population (Thous)	1.057	1.044	1.033	1.022	1.012	1.002	0.999	0.995	0.995	0.997	0.999	1.001	1.003
Total Emp (Thous)	0.449	0.447	0.446	0.444	0.442	0.440	0.439	0.438	0.437	0.436	0.435	0.435	0.434
State & Local Gov (Bil Fixed 2006\$)	0.007024	0.007024	0.007024	0.007024	0.007024	0.007024	0.007024	0.007024	0.007024	0.007024	0.007024	0.007024	0.007024
Real Disp Pers Inc (Bil Fixed 2006\$)	0.033951	0.033951	0.035122	0.035122	0.036293	0.036293	0.037463	0.037463	0.037463	0.038634	0.038634	0.039805	
Total GRP (Bil Fixed 2006\$)	0.029268	0.029268	0.030439	0.030439	0.031610	0.031610	0.032780	0.032780	0.033951	0.035122	0.035122	0.036293	0.036293

The following represents the outputs from R  
Caliente Alignment. These derive from the v

Variable	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Total Population	0.028	0.036	0.044	0.051	0.056	0.061	0.067	0.072	0.077	0.080	0.083	0.086	0.089
Total Emp (Thous)	0.051	0.052	0.052	0.053	0.054	0.054	0.055	0.056	0.057	0.058	0.058	0.059	0.060
State & Local Gov (Bil Fixed 2000\$)	0.000216	0.000284	0.000347	0.000403	0.000448	0.000494	0.000543	0.000589	0.000629	0.000661	0.000690	0.000717	0.000742
Real Disp Pers Inc (Bil Fixed 2000\$)	0.003071	0.003122	0.003168	0.003212	0.003251	0.003293	0.003338	0.003384	0.003428	0.003470	0.003512	0.003556	0.003600
Total GRP (Bil Fixed 2000\$)	0.005755	0.005917	0.006081	0.006244	0.006403	0.006568	0.006739	0.006910	0.007083	0.007254	0.007422	0.007594	0.007766

**Adjust to 2006 Dollars**

Variable	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Total Population	0.028	0.036	0.044	0.051	0.056	0.061	0.067	0.072	0.077	0.080	0.083	0.086	0.089
Total Emp (Thous)	0.051	0.052	0.052	0.053	0.054	0.054	0.055	0.056	0.057	0.058	0.058	0.059	0.060
State & Local Gov (Bil Fixed 2006\$)	0.000253	0.000333	0.000406	0.000472	0.000524	0.000578	0.000635	0.000689	0.000736	0.000774	0.000808	0.000839	0.000869
Real Disp Pers Inc (Bil Fixed 2006\$)	0.003593	0.003653	0.003707	0.003758	0.003804	0.003853	0.003905	0.003959	0.004011	0.004060	0.004109	0.004161	0.004212
Total GRP (Bil Fixed 2006\$)	0.006733	0.006923	0.007115	0.007305	0.007492	0.007685	0.007885	0.008085	0.008287	0.008487	0.008684	0.008885	0.009086
State & Local Gov (Fixed 2006\$)	\$252,603	\$332,631	\$405,873	\$471,510	\$524,160	\$578,214	\$634,959	\$688,779	\$736,398	\$773,721	\$807,651	\$838,890	\$868,608
Real Disp Pers Inc (Fixed 2006\$)	\$3,593,070	\$3,652,740	\$3,706,560	\$3,758,040	\$3,803,670	\$3,852,810	\$3,905,460	\$3,959,280	\$4,010,760	\$4,059,900	\$4,109,040	\$4,160,520	\$4,212,000
Total GRP (Fixed 2006\$)	\$6,733,350	\$6,922,890	\$7,114,770	\$7,305,480	\$7,491,510	\$7,684,560	\$7,884,630	\$8,084,700	\$8,287,110	\$8,487,180	\$8,683,740	\$8,884,980	\$9,086,220

**Percentage Change of New Outputs from the**

Variable	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Total Population	2.62%	3.47%	4.24%	4.95%	5.52%	6.12%	6.70%	7.26%	7.72%	8.06%	8.34%	8.61%	8.85%
Total Emp (Thous)	11.38%	11.57%	11.74%	11.94%	12.14%	12.36%	12.57%	12.80%	13.02%	13.22%	13.43%	13.60%	13.80%
State & Local Gov (Bil Fixed 2006\$)	3.60%	4.74%	5.78%	6.71%	7.46%	8.23%	9.04%	9.81%	10.48%	11.01%	11.50%	11.94%	12.37%
Real Disp Pers Inc (Bil Fixed 2006\$)	10.58%	10.76%	10.55%	10.70%	10.83%	10.62%	10.76%	10.57%	10.71%	10.84%	10.64%	10.77%	10.58%
Total GRP (Bil Fixed 2006\$)	23.01%	23.65%	23.37%	24.00%	23.70%	24.31%	24.05%	24.66%	24.41%	24.16%	24.72%	24.48%	25.04%

**Changes to Esmeralda if Trackside MOW Co-Located in Esmeralda for Caliente Alignment**

**Key economic variables: Baseline for Esmeralda**

Variable	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
Total Population (Thous)	1.005	1.007	1.009	1.011	1.014	1.015	1.016	1.019	1.021	1.023	1.025	1.027	1.029
Total Emp (Thous)	0.434	0.434	0.433	0.433	0.433	0.433	0.432	0.433	0.433	0.433	0.434	0.435	0.436
State & Local Gov (Bil Fixed 2006\$)	0.007024	0.007024	0.007024	0.007024	0.008195	0.008195	0.008195	0.008195	0.008195	0.008195	0.008195	0.008195	0.008195
Real Disp Pers Inc (Bil Fixed 2006\$)	0.039805	0.040976	0.040976	0.042146	0.042146	0.042146	0.043317	0.043317	0.044488	0.044488	0.045659	0.046829	0.046829
Total GRP (Bil Fixed 2006\$)	0.037463	0.038634	0.038634	0.039805	0.039805	0.040976	0.042146	0.042146	0.043317	0.044488	0.045659	0.045659	0.046829

The following represents the outputs from R  
Caliente Alignment. These derive from the v

Variable	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
Total Population	0.091	0.092	0.094	0.095	0.096	0.096	0.096	0.096	0.096	0.096	0.095	0.094	0.093
Total Emp (Thous)	0.061	0.061	0.062	0.063	0.063	0.064	0.064	0.065	0.065	0.065	0.066	0.066	0.066
State & Local Gov (Bil Fixed 2000\$)	0.000764	0.000782	0.000798	0.000810	0.000820	0.000828	0.000832	0.000835	0.000838	0.000839	0.000841	0.000837	0.000830
Real Disp Pers Inc (Bil Fixed 2000\$)	0.003640	0.003680	0.003721	0.003763	0.003807	0.003850	0.003893	0.003937	0.003983	0.004031	0.004081	0.004129	0.004177
Total GRP (Bil Fixed 2000\$)	0.007937	0.008108	0.008284	0.008459	0.008632	0.008805	0.008978	0.009151	0.009325	0.009503	0.009680	0.009848	0.010020

**Adjust to 2006 Dollars**

Variable	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
Total Population	0.091	0.092	0.094	0.095	0.096	0.096	0.096	0.096	0.096	0.096	0.095	0.094	0.093
Total Emp (Thous)	0.061	0.061	0.062	0.063	0.063	0.064	0.064	0.065	0.065	0.065	0.066	0.066	0.066
State & Local Gov (Bil Fixed 2006\$)	0.000894	0.000915	0.000933	0.000947	0.000959	0.000968	0.000974	0.000977	0.000980	0.000981	0.000984	0.000979	0.000971
Real Disp Pers Inc (Bil Fixed 2006\$)	0.004259	0.004306	0.004354	0.004403	0.004454	0.004505	0.004555	0.004606	0.004660	0.004716	0.004775	0.004831	0.004887
Total GRP (Bil Fixed 2006\$)	0.009286	0.009486	0.009692	0.009897	0.010099	0.010302	0.010504	0.010707	0.010910	0.011119	0.011326	0.011522	0.011723
State & Local Gov (Fixed 2006\$)	\$894,348	\$915,057	\$933,075	\$947,232	\$959,283	\$968,175	\$973,791	\$976,950	\$979,875	\$981,396	\$983,619	\$979,290	\$970,632
Real Disp Pers Inc (Fixed 2006\$)	\$4,258,800	\$4,305,600	\$4,353,570	\$4,402,710	\$4,454,190	\$4,504,500	\$4,554,810	\$4,606,290	\$4,660,110	\$4,716,270	\$4,774,770	\$4,830,930	\$4,887,090
Total GRP (Fixed 2006\$)	\$9,286,290	\$9,486,360	\$9,692,280	\$9,897,030	\$10,099,440	\$10,301,850	\$10,504,260	\$10,706,670	\$10,910,250	\$11,118,510	\$11,325,600	\$11,522,160	\$11,723,400

**Percentage Change of New Outputs from the Baseline**

Variable	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
Total Population	9.04%	9.18%	9.30%	9.37%	9.43%	9.46%	9.46%	9.43%	9.39%	9.34%	9.30%	9.20%	9.06%
Total Emp (Thous)	13.96%	14.11%	14.29%	14.43%	14.57%	14.69%	14.84%	14.91%	15.01%	15.10%	15.16%	15.20%	15.22%
State & Local Gov (Bil Fixed 2006\$)	12.73%	13.03%	13.28%	13.48%	11.71%	11.81%	11.88%	11.92%	11.96%	11.98%	12.00%	11.95%	11.84%
Real Disp Pers Inc (Bil Fixed 2006\$)	10.70%	10.51%	10.62%	10.45%	10.57%	10.69%	10.52%	10.63%	10.48%	10.60%	10.46%	10.32%	10.44%
Total GRP (Bil Fixed 2006\$)	24.79%	24.55%	25.09%	24.86%	25.37%	25.14%	24.92%	25.40%	25.19%	24.99%	24.81%	25.24%	25.03%

**Changes to Esmeralda if Trackside MOW Co-Located in Esmeralda for Caliente Alignment**

**Key economic variables: Baseline for Esmeralda**

Variable	2042	2043	2044	2045	2046	2047	2048	2049	2050
Total Population (Thous)	1.031	1.034	1.036	1.038	1.040	1.042	1.044	1.046	1.048
Total Emp (Thous)	0.436	0.437	0.438	0.438	0.439	0.440	0.441	0.442	0.443
State & Local Gov (Bil Fixed 2006\$)	0.008195	0.008195	0.008195	0.008195	0.008195	0.008195	0.008195	0.008195	0.008195
Real Disp Pers Inc (Bil Fixed 2006\$)	0.048000	0.048000	0.049171	0.050341	0.050341	0.051512	0.052683	0.052683	0.053854
Total GRP (Bil Fixed 2006\$)	0.048000	0.049171	0.050341	0.050341	0.051512	0.052683	0.053854	0.055024	0.056195

The following represents the outputs from R  
Caliente Alignment. These derive from the v

Variable	2042	2043	2044	2045	2046	2047	2048	2049	2050
Total Population	0.092	0.090	0.087	0.085	0.083	0.081	0.080	0.078	0.076
Total Emp (Thous)	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.066	0.066
State & Local Gov (Bil Fixed 2000\$)	0.000818	0.000804	0.000786	0.000768	0.000751	0.000736	0.000720	0.000705	0.000690
Real Disp Pers Inc (Bil Fixed 2000\$)	0.004223	0.004265	0.004305	0.004346	0.004381	0.004431	0.004483	0.004537	0.004608
Total GRP (Bil Fixed 2000\$)	0.010190	0.010360	0.010530	0.010690	0.010860	0.011030	0.011190	0.011370	0.011540

**Adjust to 2006 Dollars**

Variable	2042	2043	2044	2045	2046	2047	2048	2049	2050
Total Population	0.092	0.090	0.087	0.085	0.083	0.081	0.080	0.078	0.076
Total Emp (Thous)	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.066	0.066
State & Local Gov (Bil Fixed 2006\$)	0.000957	0.000940	0.000919	0.000898	0.000879	0.000861	0.000842	0.000824	0.000807
Real Disp Pers Inc (Bil Fixed 2006\$)	0.004941	0.004990	0.005037	0.005085	0.005126	0.005184	0.005245	0.005308	0.005391
Total GRP (Bil Fixed 2006\$)	0.011922	0.012121	0.012320	0.012507	0.012706	0.012905	0.013092	0.013303	0.013502
State & Local Gov (Fixed 2006\$)	\$957,411	\$940,095	\$919,035	\$898,326	\$878,670	\$860,535	\$842,400	\$824,382	\$807,183
Real Disp Pers Inc (Fixed 2006\$)	\$4,940,910	\$4,990,050	\$5,036,850	\$5,084,820	\$5,125,770	\$5,184,270	\$5,245,110	\$5,308,290	\$5,391,360
Total GRP (Fixed 2006\$)	\$11,922,300	\$12,121,200	\$12,320,100	\$12,507,300	\$12,706,200	\$12,905,100	\$13,092,300	\$13,302,900	\$13,501,800

**Percentage Change of New Outputs from the Baseline**

Variable	2042	2043	2044	2045	2046	2047	2048	2049	2050
Total Population	8.89%	8.68%	8.44%	8.22%	8.01%	7.81%	7.62%	7.44%	7.26%
Total Emp (Thous)	15.25%	15.24%	15.21%	15.21%	15.17%	15.13%	15.08%	15.03%	14.99%
State & Local Gov (Bil Fixed 2006\$)	11.68%	11.47%	11.21%	10.96%	10.72%	10.50%	10.28%	10.06%	9.85%
Real Disp Pers Inc (Bil Fixed 2006\$)	10.29%	10.40%	10.24%	10.10%	10.18%	10.06%	9.96%	10.08%	10.01%
Total GRP (Bil Fixed 2006\$)	24.84%	24.65%	24.47%	24.84%	24.67%	24.50%	24.31%	24.18%	24.03%

**Changes to Nye if Trackside MOW Co-Located in Esmeralda for Caliente Alignment**

**Key economic variables: Baseline for Nye County**

Variable	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total Population (Thous)	41.302	43.570	45.737	47.875	49.948	51.971	53.908	55.762	57.533	59.210	60.803
Total Emp (Thous)	16.973	17.698	18.184	18.549	18.887	19.194	19.515	19.825	20.095	20.308	20.585
State & Local Gov (Bil Fixed 2006\$)	0.156878	0.166244	0.174439	0.182634	0.192000	0.202537	0.213073	0.223610	0.232976	0.242341	0.251707
Real Disp Pers Inc (Bil Fixed 2006\$)	0.998634	1.053659	1.118049	1.171902	1.211707	1.250341	1.290146	1.333463	1.373268	1.403707	1.440000
Total GRP (Bil Fixed 2006\$)	1.061854	1.125073	1.164878	1.203512	1.252683	1.303024	1.353366	1.403707	1.452878	1.498537	1.551220

The following represents the outputs from REMI (changes from baseline) for the Trackside MOW to be located in Esmeralda County.

Caliente Alignment. These derive from the worksheet "Input data." The input values are seen in Rows 43 - 56

Variable	2010	2011	2012	2013	2014	2015
Total Population	0	0	-0.0020	-0.0022	-0.0097	-0.0242
Total Emp (Thous)	0	0	-0.0081	-0.0018	-0.0204	-0.0412
State & Local Gov (Bil Fixed 2000\$)	0	0	-0.000007	-0.000008	-0.000035	-0.000089
Real Disp Pers Inc (Bil Fixed 2000\$)	0	0	-0.000148	-0.000045	-0.000771	-0.001569
Total GRP (Bil Fixed 2000\$)	0	0	-0.002831	-0.000577	-0.002204	-0.004527

**Adjust to 2006 Dollars**

Variable	2010	2011	2012	2013	2014	2015
Total Population	0.000	0.000	-0.002	-0.002	-0.010	-0.024
Total Emp (Thous)	0.000	0.000	-0.008	-0.002	-0.020	-0.041
State & Local Gov (Bil Fixed 2006\$)	0.000000	0.000000	-0.000008	-0.000009	-0.000041	-0.000105
Real Disp Pers Inc (Bil Fixed 2006\$)	0.000000	0.000000	-0.000174	-0.000052	-0.000902	-0.001836
Total GRP (Bil Fixed 2006\$)	0.000000	0.000000	-0.003312	-0.000675	-0.002579	-0.005297
State & Local Gov (Fixed 2006\$)			-\$8,316	-\$9,223	-\$41,488	-\$104,551
Real Disp Pers Inc (Fixed 2006\$)			-\$173,628	-\$52,159	-\$902,421	-\$1,835,730
Total GRP (Fixed 2006\$)			-\$3,312,270	-\$675,324	-\$2,578,680	-\$5,296,590

**Percentage Change of New Outputs from the Baseline**

Variable	2010	2011	2012	2013	2014	2015
Total Population	0.00%	0.00%	0.00%	0.00%	-0.02%	-0.04%
Total Emp (Thous)	0.00%	0.00%	-0.04%	-0.01%	-0.10%	-0.20%
State & Local Gov (Bil Fixed 2006\$)	0.00%	0.00%	0.00%	0.00%	-0.02%	-0.04%
Real Disp Pers Inc (Bil Fixed 2006\$)	0.00%	0.00%	-0.01%	0.00%	-0.06%	-0.13%
Total GRP (Bil Fixed 2006\$)	0.00%	0.00%	-0.24%	-0.05%	-0.17%	-0.34%

Changes to Nye if Trackside MOW Co-Located in Esmeralda for Caliente Alignment

**Key economic variables: Baseline for Nye Co.**

Variable	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Total Population (Thous)	62,323	63,782	65,161	66,467	67,707	68,888	70,020	71,107	72,148	73,155	74,125	75,163	76,215
Total Emp (Thous)	20,823	21,044	21,287	21,481	21,683	21,883	22,062	22,241	22,436	22,628	22,835	23,054	23,263
State & Local Gov (Bil Fixed 2006\$)	0.261073	0.269268	0.276293	0.284488	0.291512	0.297366	0.304390	0.310244	0.317268	0.323122	0.328976	0.336000	0.341854
Real Disp Pers Inc (Bil Fixed 2006\$)	1.473951	1.505561	1.543024	1.572293	1.606244	1.641366	1.674146	1.704585	1.739707	1.776000	1.813463	1.855610	1.893073
Total GRP (Bil Fixed 2006\$)	1.602732	1.651902	1.702244	1.750244	1.799415	1.849756	1.898927	1.949268	2.000780	2.053463	2.107317	2.164683	2.220878

The following represents the outputs from RE Caliente Alignment. These derive from the w

Variable	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Total Population	-0.0372	-0.0488	-0.0593	-0.0686	-0.0770	-0.0845	-0.0913	-0.0974	-0.1030	-0.1081	-0.1127	-0.1168	-0.1206
Total Emp (Thous)	-0.0420	-0.0426	-0.0431	-0.0435	-0.0439	-0.0443	-0.0448	-0.0453	-0.0458	-0.0463	-0.0468	-0.0472	-0.0477
State & Local Gov (Bil Fixed 2000\$)	-0.000138	-0.000183	-0.000224	-0.000261	-0.000294	-0.000325	-0.000353	-0.000379	-0.000403	-0.000425	-0.000445	-0.000464	-0.000482
Real Disp Pers Inc (Bil Fixed 2000\$)	-0.001650	-0.001726	-0.001792	-0.001854	-0.001912	-0.001968	-0.002023	-0.002078	-0.002131	-0.002184	-0.002236	-0.002288	-0.002339
Total GRP (Bil Fixed 2000\$)	-0.004686	-0.004829	-0.004967	-0.005104	-0.005240	-0.005377	-0.005515	-0.005658	-0.005800	-0.005942	-0.006085	-0.006229	-0.006373

Adjust to 2006 Dollars

Variable	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Total Population	-0.037	-0.049	-0.059	-0.069	-0.077	-0.084	-0.091	-0.097	-0.103	-0.108	-0.113	-0.117	-0.121
Total Emp (Thous)	-0.042	-0.043	-0.043	-0.043	-0.044	-0.044	-0.045	-0.045	-0.046	-0.046	-0.047	-0.047	-0.048
State & Local Gov (Bil Fixed 2006\$)	-0.000162	-0.000214	-0.000262	-0.000305	-0.000344	-0.000380	-0.000413	-0.000443	-0.000471	-0.000497	-0.000521	-0.000543	-0.000564
Real Disp Pers Inc (Bil Fixed 2006\$)	-0.001931	-0.002019	-0.002097	-0.002169	-0.002237	-0.002303	-0.002367	-0.002431	-0.002493	-0.002555	-0.002616	-0.002677	-0.002737
Total GRP (Bil Fixed 2006\$)	-0.005483	-0.005650	-0.005811	-0.005972	-0.006131	-0.006291	-0.006453	-0.006620	-0.006786	-0.006952	-0.007119	-0.007288	-0.007456
State & Local Gov (Fixed 2006\$)	-\$161,928	-\$214,344	-\$261,963	-\$305,136	-\$344,331	-\$380,133	-\$412,893	-\$443,313	-\$471,276	-\$496,899	-\$521,001	-\$542,997	-\$563,589
Real Disp Pers Inc (Fixed 2006\$)	-\$1,930,500	-\$2,019,420	-\$2,096,640	-\$2,169,180	-\$2,237,040	-\$2,302,560	-\$2,366,910	-\$2,431,260	-\$2,493,270	-\$2,555,280	-\$2,616,120	-\$2,676,960	-\$2,736,630
Total GRP (Fixed 2006\$)	-\$5,482,620	-\$5,649,930	-\$5,811,390	-\$5,971,680	-\$6,130,800	-\$6,291,090	-\$6,452,550	-\$6,619,860	-\$6,786,000	-\$6,952,140	-\$7,119,450	-\$7,287,930	-\$7,456,410

Percentage Change of New Outputs from the

Variable	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Total Population	-0.06%	-0.08%	-0.09%	-0.10%	-0.11%	-0.12%	-0.13%	-0.14%	-0.14%	-0.148%	-0.15%	-0.16%	-0.16%
Total Emp (Thous)	-0.20%	-0.20%	-0.20%	-0.20%	-0.20%	-0.20%	-0.20%	-0.20%	-0.20%	-0.204%	-0.20%	-0.20%	-0.21%
State & Local Gov (Bil Fixed 2006\$)	-0.06%	-0.08%	-0.09%	-0.11%	-0.12%	-0.13%	-0.14%	-0.14%	-0.15%	-0.154%	-0.16%	-0.16%	-0.16%
Real Disp Pers Inc (Bil Fixed 2006\$)	-0.13%	-0.13%	-0.14%	-0.14%	-0.14%	-0.14%	-0.14%	-0.14%	-0.14%	-0.144%	-0.14%	-0.14%	-0.14%
Total GRP (Bil Fixed 2006\$)	-0.34%	-0.34%	-0.34%	-0.34%	-0.34%	-0.34%	-0.34%	-0.34%	-0.34%	-0.339%	-0.34%	-0.34%	-0.34%

Changes to Nye if Trackside MOW Co-Located in Esmeralda for Caliente Alignment

**Key economic variables: Baseline for Nye Co.**

Variable	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
Total Population (Thous)	77.282	78.364	79.461	80.574	81.702	82.845	84.005	85.181	86.374	87.583	88.809	90.053	91.313
Total Emp (Thous)	23.477	23.706	23.928	24.177	24.415	24.673	24.923	25.183	25.462	25.733	26.020	26.310	26.601
State & Local Gov (Bil Fixed 2006\$)	0.348878	0.355902	0.362927	0.368780	0.375805	0.382829	0.389854	0.396878	0.405073	0.412098	0.420293	0.427317	0.435512
Real Disp Pers Inc (Bil Fixed 2006\$)	1.929366	1.970341	2.011317	2.059317	2.106146	2.156488	2.204488	2.254829	2.307512	2.359024	2.411707	2.467902	2.526439
Total GRP (Bil Fixed 2006\$)	2.280585	2.341463	2.402341	2.466732	2.531122	2.597854	2.665756	2.736000	2.809756	2.883512	2.960780	3.039220	3.120000

The following represents the outputs from RE

Caliente Alignment. These derive from the w/

Variable	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
Total Population	-0.1240	-0.1271	-0.1299	-0.1324	-0.1348	-0.1369	-0.1389	-0.1408	-0.1425	-0.1442	-0.1458	-0.1473	-0.1488
Total Emp (Thous)	-0.0482	-0.0487	-0.0492	-0.0496	-0.0501	-0.0505	-0.0509	-0.0514	-0.0518	-0.0523	-0.0527	-0.0532	-0.0536
State & Local Gov (Bil Fixed 2000\$)	-0.000498	-0.000513	-0.000527	-0.000540	-0.000552	-0.000563	-0.000574	-0.000584	-0.000594	-0.000604	-0.000614	-0.000623	-0.000632
Real Disp Pers Inc (Bil Fixed 2000\$)	-0.002391	-0.002442	-0.002498	-0.002555	-0.002612	-0.002670	-0.002730	-0.002789	-0.002852	-0.002918	-0.002987	-0.003058	-0.003130
Total GRP (Bil Fixed 2000\$)	-0.006519	-0.006664	-0.006812	-0.006958	-0.007105	-0.007254	-0.007404	-0.007556	-0.007710	-0.007867	-0.008026	-0.008187	-0.008349

Adjust to 2006 Dollars

Variable	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
Total Population	-0.124	-0.127	-0.130	-0.132	-0.135	-0.137	-0.139	-0.141	-0.143	-0.144	-0.146	-0.147	-0.149
Total Emp (Thous)	-0.048	-0.049	-0.049	-0.050	-0.050	-0.051	-0.051	-0.051	-0.052	-0.052	-0.053	-0.053	-0.054
State & Local Gov (Bil Fixed 2006\$)	-0.000583	-0.000601	-0.000617	-0.000632	-0.000645	-0.000659	-0.000671	-0.000683	-0.000695	-0.000706	-0.000718	-0.000729	-0.000739
Real Disp Pers Inc (Bil Fixed 2006\$)	-0.002797	-0.002857	-0.002923	-0.002989	-0.003056	-0.003124	-0.003194	-0.003263	-0.003337	-0.003414	-0.003495	-0.003578	-0.003662
Total GRP (Bil Fixed 2006\$)	-0.007627	-0.007797	-0.007970	-0.008141	-0.008313	-0.008487	-0.008663	-0.008841	-0.009021	-0.009204	-0.009390	-0.009579	-0.009768
State & Local Gov (Fixed 2006\$)	-\$582,894	-\$600,561	-\$616,824	-\$631,800	-\$645,489	-\$658,944	-\$671,229	-\$683,280	-\$695,214	-\$706,446	-\$717,912	-\$728,910	-\$739,440
Real Disp Pers Inc (Fixed 2006\$)	-\$2,797,470	-\$2,857,140	-\$2,922,660	-\$2,989,350	-\$3,056,040	-\$3,123,900	-\$3,194,100	-\$3,263,130	-\$3,336,840	-\$3,414,060	-\$3,494,790	-\$3,577,860	-\$3,662,100
Total GRP (Fixed 2006\$)	-\$7,627,230	-\$7,796,880	-\$7,970,040	-\$8,140,860	-\$8,312,850	-\$8,487,180	-\$8,662,680	-\$8,840,520	-\$9,020,700	-\$9,204,390	-\$9,390,420	-\$9,578,790	-\$9,768,330

Percentage Change of New Outputs from the

Variable	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041
Total Population	-0.16%	-0.16%	-0.16%	-0.16%	-0.16%	-0.17%	-0.17%	-0.17%	-0.16%	-0.16%	-0.16%	-0.16%	-0.16%
Total Emp (Thous)	-0.21%	-0.21%	-0.21%	-0.21%	-0.21%	-0.20%	-0.20%	-0.20%	-0.20%	-0.20%	-0.20%	-0.20%	-0.20%
State & Local Gov (Bil Fixed 2006\$)	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%
Real Disp Pers Inc (Bil Fixed 2006\$)	-0.14%	-0.15%	-0.15%	-0.15%	-0.15%	-0.14%	-0.14%	-0.14%	-0.14%	-0.14%	-0.14%	-0.14%	-0.14%
Total GRP (Bil Fixed 2006\$)	-0.33%	-0.33%	-0.33%	-0.33%	-0.33%	-0.33%	-0.33%	-0.32%	-0.32%	-0.32%	-0.32%	-0.32%	-0.31%

Changes to Nye if Trackside MOW Co-Located in Esmeralda for Caliente Alignment

**Key economic variables: Baseline for Nye Co.**

Variable	2042	2043	2044	2045	2046	2047	2048	2049	2050
Total Population (Thous)	92.592	93.888	95.202	96.535	97.887	99.257	100.647	102.056	103.484
Total Emp (Thous)	26.884	27.179	27.467	27.732	28.020	28.322	28.640	28.955	29.274
State & Local Gov (Bil Fixed 2006\$)	0.443707	0.450732	0.458927	0.465951	0.472976	0.481171	0.488195	0.495220	0.503415
Real Disp Pers Inc (Bil Fixed 2006\$)	2.583805	2.647024	2.710244	2.769951	2.836683	2.908098	2.980683	3.056780	3.134049
Total GRP (Bil Fixed 2006\$)	3.200780	3.282732	3.365854	3.448976	3.535610	3.624585	3.717073	3.810732	3.905561

The following represents the outputs from RE  
Caliente Alignment. These derive from the w/

Variable	2042	2043	2044	2045	2046	2047	2048	2049	2050
Total Population	-0.1504	-0.1519	-0.1534	-0.1550	-0.1566	-0.1582	-0.1599	-0.1616	-0.1490
Total Emp (Thous)	-0.0541	-0.0545	-0.0549	-0.0553	-0.0557	-0.0561	-0.0565	-0.0569	-0.0183
State & Local Gov (Bil Fixed 2000\$)	-0.000641	-0.000649	-0.000658	-0.000666	-0.000674	-0.000682	-0.000690	-0.000699	-0.000645
Real Disp Pers Inc (Bil Fixed 2000\$)	-0.003204	-0.003279	-0.003355	-0.003431	-0.003510	-0.003593	-0.003678	-0.003769	-0.002009
Total GRP (Bil Fixed 2000\$)	-0.008514	-0.008680	-0.008848	-0.009016	-0.009187	-0.009359	-0.009537	-0.009715	-0.001777

**Adjust to 2006 Dollars**

Variable	2042	2043	2044	2045	2046	2047	2048	2049	2050
Total Population	-0.150	-0.152	-0.153	-0.155	-0.157	-0.158	-0.160	-0.162	-0.149
Total Emp (Thous)	-0.054	-0.055	-0.055	-0.055	-0.056	-0.056	-0.057	-0.057	-0.018
State & Local Gov (Bil Fixed 2006\$)	-0.000750	-0.000760	-0.000769	-0.000779	-0.000788	-0.000798	-0.000808	-0.000818	-0.000754
Real Disp Pers Inc (Bil Fixed 2006\$)	-0.003749	-0.003836	-0.003925	-0.004014	-0.004107	-0.004204	-0.004303	-0.004410	-0.002351
Total GRP (Bil Fixed 2006\$)	-0.009961	-0.010156	-0.010352	-0.010549	-0.010749	-0.010950	-0.011158	-0.011367	-0.002079
State & Local Gov (Fixed 2006\$)	-\$749,619	-\$759,564	-\$769,275	-\$778,752	-\$788,346	-\$797,940	-\$807,768	-\$817,596	-\$754,065
Real Disp Pers Inc (Fixed 2006\$)	-\$3,748,680	-\$3,836,430	-\$3,925,350	-\$4,014,270	-\$4,106,700	-\$4,203,810	-\$4,303,260	-\$4,409,730	-\$2,350,530
Total GRP (Fixed 2006\$)	-\$9,961,380	-\$10,155,600	-\$10,352,160	-\$10,548,720	-\$10,748,790	-\$10,950,030	-\$11,158,290	-\$11,366,550	-\$2,079,090

**Percentage Change of New Outputs from the**

Variable	2042	2043	2044	2045	2046	2047	2048	2049	2050
Total Population	-0.16%	-0.16%	-0.16%	-0.16%	-0.16%	-0.16%	-0.16%	-0.16%	-0.14%
Total Emp (Thous)	-0.20%	-0.20%	-0.20%	-0.20%	-0.20%	-0.20%	-0.20%	-0.20%	-0.06%
State & Local Gov (Bil Fixed 2006\$)	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.17%	-0.15%
Real Disp Pers Inc (Bil Fixed 2006\$)	-0.15%	-0.14%	-0.14%	-0.14%	-0.14%	-0.14%	-0.14%	-0.14%	-0.07%
Total GRP (Bil Fixed 2006\$)	-0.31%	-0.31%	-0.31%	-0.31%	-0.30%	-0.30%	-0.30%	-0.30%	-0.05%

Changes to New or Modified Residential Patterns Evaluated for Caliente Alignment

#### **Key economic variables: Baseline for NYC County**

Key Economic Variables: Baseline for Kyoto County	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population (Thous.)	41,302	43,570	45,737	47,875	49,948	51,971	53,908	55,762	57,533	59,210	60,803	62,323	63,782	65,161	66,467	67,707	68,880	70,020	71,107	72,148	73,151
Total Emp (Thous.)	16,973	17,698	18,184	18,549	18,887	19,194	19,515	19,825	20,095	20,308	20,585	20,823	21,044	21,287	21,481	21,683	21,883	22,062	22,241	22,436	22,624
State & Local Gov (Bil Fixed 2006\$)	0.156878	0.166244	0.174439	0.182634	0.192000	0.202537	0.213073	0.223610	0.232976	0.242341	0.251707	0.261073	0.269268	0.276293	0.284488	0.291512	0.297366	0.304300	0.310244	0.317260	0.323124
Real Disp Pers Inc (Bil Fixed 2006\$)	0.998634	1.053659	1.118049	1.171902	1.211707	1.250341	1.290146	1.333463	1.373268	1.403707	1.440000	1.473951	1.505651	1.540234	1.572293	1.606244	1.641366	1.674145	1.704585	1.737097	1.775000
Total GRP (Bil Fixed 2006\$)	1.061854	1.125074	1.164878	1.203512	1.252683	1.303024	1.353366	1.403707	1.452878	1.498537	1.551220	1.602732	1.651902	1.702244	1.750244	1.799415	1.847956	1.880927	1.904265	2.000780	2.053460

#### **NYE COUNTY: OUTRULS**

OUTPUTS ARE CHANGES FROM THE BASELINE FOR THE DRAFT RA FIS AND ASSUME EOL facility employees live 20% in Napa and 80% in Clark County (Scenario two); NRCD/NTOC in Napa County

NYC COUNTY: OUTPUTS		OUTPUTS ARE CHANGES FROM THE BASELINE FOR THE DRAFT RATES AND ASSUME EOE facility employees live 20% in NYC and 80% in Clark County (Scenario two): NRCU/NTOU in NYC County)															
Variable		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population		0.062	0.073	0.106	0.136	0.140	0.148	0.154	0.160	0.166	0.170	0.175	0.179	0.183	0.187	0.191	0.195
Total Emp (Thous)		0.239	0.211	0.273	0.182	0.085	0.059	0.056	0.057	0.058	0.059	0.060	0.062	0.063	0.065	0.066	0.067
State & Local Gov (Bil Fixed 2006\$)		0.000573	0.000625	0.000771	0.000739	0.000682	0.000638	0.000672	0.000703	0.000732	0.000758	0.000783	0.000807	0.000820	0.000852	0.000873	0.00089
Real Disp Pers Inc (Bil Fixed 2006\$)		0.009479	0.006202	0.009493	0.007287	0.003809	0.003761	0.003640	0.003626	0.003636	0.003672	0.003731	0.003803	0.003880	0.003970	0.004061	0.00415
Total GPP (Bil Fixed 2006\$)		0.010412	0.028255	0.041880	0.024752	0.008690	0.007505	0.007610	0.008262	0.008682	0.008819	0.009020	0.009018	0.009011	0.009003	0.009016	0.009020

#### Percentage Changes of Draft EIS Outputs from the Baseline

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0.12%	0.13%	0.19%	0.24%	0.24%	0.24%	0.25%	0.25%	0.25%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.27%
Total Emp (Thous)	1.24%	1.08%	1.38%	0.91%	0.42%	0.29%	0.27%	0.27%	0.27%	0.27%	0.28%	0.28%	0.20%	0.20%	0.20%	0.30%
State & Local Gov (Bil Fixed 2000\$)	0.28%	0.29%	0.34%	0.32%	0.28%	0.25%	0.26%	0.26%	0.26%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.28%
Real Disp Pers Inc (Bil Fixed 2000\$)	0.75%	0.48%	0.71%	0.53%	0.27%	0.26%	0.25%	0.24%	0.24%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%
Total GRP (Bil Fixed 2000\$)	2.61%	2.09%	2.99%	1.70%	0.57%	0.48%	0.47%	0.50%	0.50%	0.51%	0.51%	0.51%	0.52%	0.52%	0.52%	0.52%

Averages Pop = 0.1700% emp = 1.1518% S&L gov= 0.3096% Real disp 0.6204% GR

The following represents the outputs from REMI (changes from baseline) under the assumption that 80% of EOL employees remain aligned. These derive from the worksheet "Input data." The input values are seen in Rows 169-183.

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0.000	0.000	0.048	0.126	0.134	0.139	0.142	0.144	0.147	0.149	0.151	0.153	0.155	0.158	0.160	0.161
Total Emp (Thous)	0.000	0.000	0.091	0.157	0.054	0.056	0.044	0.044	0.044	0.045	0.046	0.047	0.048	0.049	0.050	0.051
State & Local Gov (Bil Fixed 2000\$)	0	0	0.000173	0.000453	0.000489	0.000513	0.000524	0.000541	0.000554	0.000566	0.000577	0.000580	0.000601	0.000613	0.000624	0.000633
Real Disp Pers Inc (Bil Fixed 2000\$)	0	0	0.000506	0.000609	0.003249	0.002816	0.002591	0.002564	0.002567	0.002589	0.002623	0.002666	0.002716	0.002771	0.002820	0.002869
Total GRP (Bil Fixed 2000\$)	0	0	0.003474	0.006130	0.003632	0.005167	0.004824	0.004922	0.005050	0.005222	0.005393	0.005572	0.005758	0.005929	0.006115	0.006298

Adjust to 2006 Dollars

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0.000	0.000	0.048	0.126	0.134	0.139	0.142	0.144	0.147	0.149	0.151	0.153	0.155	0.158	0.160	0.161
Total Emp (Thous)	0.000	0.000	0.091	0.157	0.054	0.056	0.044	0.044	0.044	0.045	0.046	0.047	0.048	0.040	0.050	0.050
State & Local Gov (Bil Fixed 2006\$)	0.000000	0.000000	0.000202	0.000530	0.000572	0.000600	0.000633	0.000648	0.000662	0.000676	0.000689	0.000703	0.000717	0.000730	0.000740	0.000744
Real Disp Pers Inc (Bil Fixed 2006\$)	0.000000	0.000000	0.005962	0.010611	0.003801	0.003295	0.003031	0.003000	0.003029	0.003060	0.003119	0.003178	0.003242	0.003300	0.003374	0.003400
Total GRP (Bil Fixed 2006\$)	0.000000	0.000000	0.004065	0.007172	0.004249	0.006045	0.005644	0.005758	0.005920	0.006110	0.006316	0.006526	0.006737	0.006949	0.007155	0.007359
State & Local Gov (Fixed 2006\$)	\$201,942	\$530,361	\$572,130	\$599,976	\$617,526	\$632,970	\$647,712	\$661,752	\$675,558	\$689,247	\$702,819	\$716,625	\$729,063	\$742,599		
Real Disp Pers Inc (Fixed 2006\$)	\$5,962,320	\$10,610,720	\$18,011,330	\$21,331,470	\$22,999,720	\$30,001,390	\$31,029,130	\$33,068,720	\$33,119,290	\$33,177,720	\$33,234,070	\$33,290,600	\$33,347,450	\$33,408,300	\$33,473,450	
Total GRP (Fixed 2006\$)	\$4,064,580	\$7,172,100	\$4,249,440	\$5,045,390	\$5,564,080	\$5,755,740	\$5,876,200	\$6,106,300	\$6,115,600	\$6,125,000	\$6,136,800	\$6,148,600	\$6,161,500	\$6,174,500	\$6,188,500	\$6,201,500

### Percentage Change of New Outputs from the Baseline

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0.00%	0.00%	0.09%	0.22%	0.23%	0.23%	0.23%	0.23%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%
Total Emp (Thous)	0.00%	0.00%	0.46%	0.78%	0.26%	0.27%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.22%	0.22%	0.23%
State & Local Gov (Bil Fixed 2006\$)	0.00%	0.00%	0.09%	0.23%	0.24%	0.24%	0.24%	0.24%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%
Real Disp Pers Inc (Bil Fixed 2006\$)	0.00%	0.00%	0.45%	0.77%	0.27%	0.23%	0.21%	0.20%	0.19%	0.19%	0.19%	0.19%	0.19%	0.19%	0.19%	0.19%
Total GRP (Bil Fixed 2006\$)	0.00%	0.00%	0.29%	0.49%	0.28%	0.39%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.36%	0.36%	0.36%

### Total Change of Old and New Outputs from the Baseline

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0.062	0.073	0.154	0.262	0.274	0.287	0.296	0.304	0.313	0.319	0.326	0.332	0.338	0.345	0.351	0.358
Total Emp (Thous)	0.239	0.211	0.364	0.339	0.139	0.115	0.100	0.101	0.102	0.104	0.106	0.109	0.111	0.114	0.116	0.117
State & Local Gov (Bil Fixed 2006\$)	0.000573	0.000625	0.000973	0.001269	0.001254	0.001238	0.001290	0.001336	0.001379	0.001420	0.001458	0.001496	0.001532	0.001568	0.001603	0.001633
Real Disp Pers Inc (Bil Fixed 2006\$)	0.009479	0.006202	0.015456	0.017897	0.007610	0.007056	0.006672	0.006626	0.006639	0.006701	0.006800	0.006924	0.007064	0.007212	0.007370	0.007528
Total GRP (Bil Fixed 2006\$)	0.034012	0.028256	0.046044	0.031929	0.012858	0.013550	0.013162	0.014026	0.014508	0.014977	0.015522	0.016044	0.016548	0.017032	0.017511	0.017988

#### Total Percentage Change of Old and New Outputs from the Baseline

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0.12%	0.13%	0.28%	0.45%	0.46%	0.47%	0.47%	0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	0.48%	0.49%
Total Emp (Thous)	1.24%	1.08%	1.84%	1.69%	0.68%	0.56%	0.48%	0.48%	0.48%	0.48%	0.49%	0.50%	0.50%	0.51%	0.52%	0.52%
State & Local Gov (Bil Fixed 2006\$)	0.28%	0.29%	0.44%	0.54%	0.52%	0.49%	0.49%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.51%	0.51%	0.51%
Real Disp Pers Inc (Bil Fixed 2006\$)	0.76%	0.48%	1.16%	1.30%	0.54%	0.49%	0.45%	0.44%	0.43%	0.43%	0.42%	0.42%	0.42%	0.42%	0.42%	0.42%
Total GRP (Bil Fixed 2006\$)	2.61%	2.09%	3.28%	2.20%	0.86%	0.87%	0.82%	0.85%	0.85%	0.86%	0.86%	0.87%	0.87%	0.87%	0.88%	0.88%

Changes to Nye if Modified Residential Pattern Evaluated for Caliente Alignment

**Key economic variables: Baseline for Nye County**

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
Total Population (Thous)	74,125	75,163	76,215	77,282	78,364	79,461	80,574	81,702	82,845	84,005	85,181	86,374	87,583	88,809	90,053	91,313	92,592	93,888	95,202	96,535	97,807
Total Emp (Thous)	22,835	23,054	23,263	23,477	23,706	23,928	24,177	24,415	24,673	24,923	25,183	25,462	25,733	26,020	26,310	26,601	26,894	27,170	27,467	27,732	28,020
State & Local Gov (Bil Fixed 2006\$)	0.328976	0.336000	0.341854	0.348878	0.355902	0.362927	0.368780	0.375805	0.382829	0.389854	0.396878	0.405073	0.412098	0.420293	0.427317	0.435512	0.443707	0.450732	0.458927	0.465951	0.472976
Real Disp Pers Inc (Bil Fixed 2006\$)	1,813463	1,855610	1,893073	1,929366	1,970341	2,011317	2,059317	2,106146	2,156488	2,204488	2,254829	2,307512	2,359024	2,411707	2,467902	2,526439	2,583805	2,647024	2,710244	2,760951	2,830603
Total GRP (Bil Fixed 2006\$)	2,107317	2,164683	2,220878	2,280585	2,341463	2,402341	2,466732	2,531122	2,597854	2,665756	2,736000	2,809756	2,883512	2,960780	3,039220	3,120000	3,200780	3,282732	3,365054	3,448976	3,535610

**NYC COUNTY: OUTPUTS**

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
Total Population	0.197	0.200	0.203	0.206	0.208	0.210	0.213	0.215	0.217	0.219	0.221	0.224	0.226	0.228	0.230	0.233	0.235	0.238	0.240	0.243	0.246
Total Emp (Thous)	0.068	0.069	0.070	0.071	0.072	0.073	0.073	0.074	0.075	0.075	0.076	0.077	0.077	0.078	0.079	0.079	0.080	0.080	0.081	0.081	0.002
State & Local Gov (Bil Fixed 2006\$)	0.000913	0.000931	0.000949	0.000966	0.000983	0.000999	0.001014	0.001029	0.001045	0.001060	0.001075	0.001090	0.001106	0.001123	0.001139	0.001156	0.001172	0.001188	0.001204	0.001220	0.001237
Real Disp Pers Inc (Bil Fixed 2006\$)	0.004243	0.004337	0.004435	0.004532	0.004631	0.004735	0.004843	0.004956	0.005068	0.005178	0.005296	0.005420	0.005548	0.005681	0.005813	0.005952	0.006096	0.006247	0.006404	0.006561	0.006729
Total GRP (Bil Fixed 2006\$)	0.010898	0.011132	0.011415	0.011687	0.012190	0.012417	0.012678	0.012867	0.013022	0.013259	0.013508	0.013746	0.014006	0.014198	0.014283	0.014522	0.014705	0.015068	0.015144	0.015150	

**Percentage Change of Draft EIS Outputs from the Baseline**

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
Total Population	0.27%	0.27%	0.27%	0.27%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.26%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
Total Emp (Thous)	0.30%	0.30%	0.30%	0.30%	0.31%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%
State & Local Gov (Bil Fixed 2000\$)	0.28%	0.28%	0.28%	0.28%	0.28%	0.28%	0.28%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.26%	0.26%	0.26%	0.26%
Real Disp Pers Inc (Bil Fixed 2000\$)	0.23%	0.23%	0.23%	0.23%	0.24%	0.24%	0.24%	0.24%	0.24%	0.24%	0.23%	0.23%	0.23%	0.24%	0.24%	0.24%	0.24%	0.24%	0.24%	0.24%	0.24%
Total GRP (Bil Fixed 2000\$)	0.52%	0.51%	0.51%	0.51%	0.51%	0.51%	0.50%	0.50%	0.50%	0.49%	0.48%	0.48%	0.47%	0.46%	0.45%	0.45%	0.45%	0.45%	0.45%	0.44%	

The following represents the outputs from REMI (changes Caliente Alignment). These derive from the worksheet "lr

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
Total Population	0.163	0.165	0.167	0.168	0.169	0.171	0.172	0.173	0.174	0.176	0.177	0.178	0.180	0.181	0.183	0.184	0.186	0.188	0.190	0.192	0.194
Total Emp (Thous)	0.052	0.053	0.053	0.054	0.055	0.055	0.056	0.056	0.057	0.057	0.058	0.058	0.059	0.059	0.060	0.061	0.062	0.062	0.062	0.062	
State & Local Gov (Bil Fixed 2000\$)	0.000546	0.000556	0.000665	0.000675	0.000684	0.000693	0.000701	0.000709	0.000717	0.000726	0.000734	0.000744	0.000753	0.000763	0.000773	0.000783	0.000793	0.000803	0.000813	0.000823	0.000834
Real Disp Pers Inc (Bil Fixed 2000\$)	0.002945	0.003004	0.003067	0.003128	0.003191	0.003257	0.003327	0.003398	0.003472	0.003546	0.003625	0.003708	0.003794	0.003880	0.003966	0.004056	0.004148	0.004246	0.004340	0.004450	0.004557
Total GRP (Bil Fixed 2000\$)	0.006454	0.006519	0.006780	0.006942	0.007100	0.007259	0.007415	0.007573	0.007730	0.007888	0.008049	0.008212	0.008377	0.008544	0.008712	0.008882	0.009054	0.009220	0.009406	0.009580	0.009760

**Adjust to 2006 Dollars**

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
Total Population	0.163	0.165	0.167	0.168	0.169	0.171	0.172	0.173	0.174	0.176	0.177	0.178	0.180	0.181	0.183	0.184	0.186	0.188	0.190	0.192	0.194
Total Emp (Thous)	0.052	0.053	0.053	0.054	0.055	0.055	0.056	0.056	0.057	0.057	0.058	0.058	0.059	0.059	0.060	0.061	0.062	0.062	0.062	0.062	0.062
State & Local Gov (Bil Fixed 2006\$)	0.000755	0.000767	0.000779	0.000790	0.000800	0.000810	0.000820	0.000830	0.000840	0.000850	0.000860	0.000870	0.000880	0.000890	0.000900	0.000910	0.000920	0.000930	0.000940	0.000950	0.000960
Real Disp Pers Inc (Bil Fixed 2006\$)	0.003446	0.003515	0.003588	0.003660	0.003733	0.003811	0.003893	0.003976	0.004062	0.004149	0.004241	0.004338	0.004439	0.004540	0.004640	0.004746	0.004853	0.004960	0.005005	0.005207	0.005332
Total GRP (Bil Fixed 2006\$)	0.007551	0.007744	0.007933	0.008122	0.008307	0.008493	0.008674	0.008860	0.009068	0.009229	0.009417	0.009608	0.009801	0.009996	0.010193	0.010392	0.010593	0.010797	0.011005	0.011216	0.011420
State & Local Gov (Fixed 2006\$)	75,235	75,702	77,518	78,933	80,163	81,342	82,053	82,936	83,358	84,186	85,248	87,035	88,244	89,944	90,527	91,110	92,763	93,393	95,1210	96,3144	97,7570
Real Disp Pers Inc (Fixed 2006\$)	\$3,445,650	\$3,514,680	\$3,588,390	\$3,659,760	\$3,733,470	\$3,810,690	\$3,892,590	\$3,975,660	\$4,062,240	\$4,148,820	\$4,241,250	\$4,338,360	\$4,438,980	\$4,539,600	\$4,640,220	\$4,745,520	\$4,853,160	\$4,967,020	\$5,084,820	\$5,205,800	\$5,311,690
Total GRP (Fixed 2006\$)	\$7,551,180	\$7,744,230	\$7,932,600	\$8,122,140	\$8,307,000	\$8,493,030	\$8,675,550	\$8,860,410	\$9,044,100	\$9,228,960	\$9,417,330	\$9,608,040	\$9,801,050	\$10,000,040	\$10,319,840	\$10,593,180	\$10,796,760	\$11,005,020	\$11,218,820	\$11,420,860	

**Percentage Change of New Outputs from the Baseline**

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	203
----------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----

## Key economic variables: Baseline for Nye County

Variable	2047	2048	2049	2050
Total Population (Thous)	99,257	100,647	102,056	103,484
Total Emp (Thous)	28,322	28,640	28,955	29,274
State & Local Gov (Bil Fixed 2006\$)	0.481171	0.488195	0.495220	0.503415
Real Disp Pers Inc (Bil Fixed 2006\$)	2,908098	2,980683	3,056780	3,134049
Total GRP (Bil Fixed 2006\$)	3.624585	3.717073	3.810732	3.905561

## NYE COUNTY: OUTPUTS

Variable	2047	2048	2049	2050
Total Population	0.249	0.251	0.255	0.258
Total Emp (Thous)	0.083	0.083	0.084	0.085
State & Local Gov (Bil Fixed 2006\$)	0.001254	0.001270	0.001287	0.001303
Real Disp Pers Inc (Bil Fixed 2006\$)	0.006906	0.007093	0.007288	0.007491
Total GRP (Bil Fixed 2006\$)	0.015717	0.016014	0.016312	0.016623

## Percentage Change of Draft EIS Outputs from the Baseline

Variable	2047	2048	2049	2050
Total Population	0.25%	0.25%	0.25%	0.25%
Total Emp (Thous)	0.29%	0.29%	0.29%	0.29%
State & Local Gov (Bil Fixed 2000\$)	0.26%	0.26%	0.26%	0.26%
Real Disp Pers Inc (Bil Fixed 2000\$)	0.24%	0.24%	0.24%	0.24%
Total GRP (Bil Fixed 2000\$)	0.43%	0.43%	0.43%	0.43%

The following represents the outputs from REMI (changes Caliente Alignment. These derive from the worksheet "ir

Variable	2047	2048	2049	2050
Total Population	0.196	0.198	0.201	0.203
Total Emp (Thous)	0.063	0.063	0.064	0.064
State & Local Gov (Bil Fixed 2000\$)	0.000845	0.000856	0.000867	0.000877
Real Disp Pers Inc (Bil Fixed 2000\$)	0.004671	0.004793	0.004923	0.005058
Total GRP (Bil Fixed 2000\$)	0.009954	0.010140	0.010340	0.010540

## Adjust to 2006 Dollars

Variable	2047	2048	2049	2050
Total Population	0.196	0.198	0.201	0.203
Total Emp (Thous)	0.063	0.063	0.064	0.064
State & Local Gov (Bil Fixed 2006\$)	0.000988	0.001001	0.001014	0.001027
Real Disp Pers Inc (Bil Fixed 2006\$)	0.005465	0.005608	0.005760	0.005918
Total GRP (Bil Fixed 2006\$)	0.011646	0.011864	0.012098	0.012332
State & Local Gov (Fixed 2006\$)	\$988,299	\$1,001,286	\$1,014,039	\$1,026,558
Real Disp Pers Inc (Fixed 2006\$)	\$5,465,070	\$5,601,810	\$5,759,910	\$5,917,860
Total GRP (Fixed 2006\$)	\$11,646,180	\$11,663,800	\$12,097,800	\$12,331,800

## Percentage Change of New Outputs from the Baseline

Variable	2047	2048	2049	2050
Total Population	0.20%	0.20%	0.20%	0.20%
Total Emp (Thous)	0.22%	0.22%	0.22%	0.22%
State & Local Gov (Bil Fixed 2006\$)	0.21%	0.21%	0.20%	0.20%
Real Disp Pers Inc (Bil Fixed 2006\$)	0.19%	0.19%	0.19%	0.19%
Total GRP (Bil Fixed 2006\$)	0.32%	0.32%	0.32%	0.32%

## Total Change of Old and New Outputs from the Baseline

Variable	2047	2048	2049	2050
Total Population	0.445	0.449	0.456	0.461
Total Emp (Thous)	0.146	0.146	0.148	0.149
State & Local Gov (Bil Fixed 2006\$)	0.002242	0.002271	0.002301	0.002330
Real Disp Pers Inc (Bil Fixed 2006\$)	0.012371	0.012701	0.013048	0.013408
Total GRP (Bil Fixed 2006\$)	0.027363	0.027878	0.028410	0.028955

## Total Percentage Change of Old and New Outputs from the Baseline

Variable	2047	2048	2049	2050
Total Population	0.45%	0.45%	0.45%	0.45%
Total Emp (Thous)	0.51%	0.51%	0.51%	0.51%
State & Local Gov (Bil Fixed 2006\$)	0.47%	0.47%	0.46%	0.46%
Real Disp Pers Inc (Bil Fixed 2006\$)	0.43%	0.43%	0.43%	0.43%
Total GRP (Bil Fixed 2006\$)	0.75%	0.75%	0.75%	0.74%

Changes to Clark if Modified Residential Pattern Evaluated for Caliente Alignment

**Key economic variables: Baseline for Clark County**

Variable	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population (Thous)	####	####	1,990,481	2,079,953	2,169,475	####	####	2,428,325	2,507,120	2,581,691	2,652,070	2,718,315	####	2,839,052	2,894,224	2,946,350	2,995,616	3,042,287	3,080,092	3,120,112	3,160,707
Total Emp (Thous)	####	####	1,150,594	1,203,524	1,217,552	####	####	1,269,918	1,289,742	1,308,270	1,325,133	1,339,702	####	1,367,710	1,380,243	1,391,701	1,402,741	1,414,305	1,427,289	1,440,500	1,453,024
State & Local Gov (Bil Fixed 2006\$)	6.546732	6.964883	7.273756	7.598049	8.026537	8.465561	8.903415	9.331902	9.752195	10.163122	10.549463	10.910049	11.244878	11.562146	11.865366	12.153366	12.427317	12.687220	12.948203	13.105488	13.435317
Real Disp Pers Inc (Bil Fixed 2006\$)	54.698927	57.614049	60.769171	64.555317	66.684976	69.016976	71.126934	73.386146	75.697171	77.850146	79.886049	81.844693	83.796293	85.626341	87.726780	89.586293	91.369659	93.378732	95.472000	97.085854	99.850537
Total GRP (Bil Fixed 2006\$)	86.676293	91.599220	95.452098	101.185171	105.016978	109.562927	113.338537	117.891512	122.627122	127.310049	131.599510	135.777951	139.827512	143.946146	147.968439	151.930537	155.904000	159.984000	164.288780	168.687220	173.082146

**Clark COUNTY: OUTPUTS**

OUTPUTS ARE CHANGES FROM THE BASELINE FOR THE DRAFT RA EIS AND ASSUME EOL facility employees live 20% in Nye and 80% in Clark County (Scenario two: NRCD/ NTOC in Nye County)

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0.395	0.730	1.045	1.146	1.128	1.014	0.907	0.807	0.719	0.641	0.575	0.519	0.471	0.431	0.397	0.360
Total Emp (Thous)	1.771	1.769	1.832	1.046	0.548	0.081	0.030	0.008	0.003	0.008	0.018	0.029	0.041	0.052	0.002	0.070
State & Local Gov (Bil Fixed 2006\$)	0.001507	0.002823	0.004095	0.004539	0.004528	0.004108	0.003708	0.003325	0.002980	0.002678	0.002415	0.002190	0.002002	0.001841	0.001708	0.001588
Real Disp Pers Inc (Bil Fixed 2006\$)	0.098783	0.100608	0.107591	0.665557	0.039742	0.013956	0.011113	0.009194	0.008034	0.007471	0.007230	0.007158	0.007426	0.007704	0.008034	0.00838
Total GRP (Bil Fixed 2006\$)	0.138528	0.144144	0.154499	0.093063	0.052053	0.011676	0.006248	0.003428	0.002357	0.002365	0.002972	0.003918	0.004892	0.006017	0.006988	0.007854

**Percentage Change of Draft EIS Outputs from the Baseline**

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0.02%	0.03%	0.04%	0.05%	0.04%	0.04%	0.03%	0.03%	0.03%	0.02%	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%
Total Emp (Thous)	0.14%	0.14%	0.14%	0.08%	0.04%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
State & Local Gov (Bil Fixed 2000\$)	0.02%	0.03%	0.04%	0.05%	0.04%	0.04%	0.03%	0.03%	0.02%	0.02%	0.02%	0.02%	0.02%	0.01%	0.01%	0.01%
Real Disp Pers Inc (Bil Fixed 2000\$)	0.14%	0.14%	0.15%	0.09%	0.05%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
Total GRP (Bil Fixed 2000\$)	0.13%	0.13%	0.13%	0.08%	0.04%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Averages Pop = 0.0343% emp = 0.1274% S&L gov= 0.0350% Real disp = 0.1294% GRP = 0.1151%

The following represents the outputs from REMI (changes from baseline) under the assumption that 80% of EOL employees reside in Nye County and 20% reside in Clark County  
Caliente Alignment. These derive from the worksheet "Input data." The input values are seen in Rows 169-183

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0	0	-0.0210	-0.0532	-0.0540	-0.0537	-0.0505	-0.0479	-0.0449	-0.0418	-0.0388	-0.0371	-0.0349	-0.0330	-0.0310	-0.0205
Total Emp (Thous)	0.0000	0.0000	-0.0394	-0.1610	-0.0461	-0.0426	-0.0286	-0.0264	-0.0255	-0.0245	-0.0243	-0.0243	-0.0241	-0.0241	-0.0242	-0.0242
State & Local Gov (Bil Fixed 2000\$)	0	0	-0.000070	-0.000182	-0.000184	-0.000185	-0.000176	#####	-0.000159	-0.000150	-0.000141	-0.000141	-0.000134	-0.000126	-0.000120	-0.000114
Real Disp Pers Inc (Bil Fixed 2000\$)	0	0	-0.004715	-0.008194	-0.002682	-0.002693	-0.002174	#####	-0.001999	-0.001930	-0.001915	-0.001953	-0.001923	-0.001945	-0.001015	-0.001877
Total GRP (Bil Fixed 2000\$)	0	0	-0.006538	-0.011620	-0.003746	-0.003662	-0.002594	#####	-0.002434	-0.002388	-0.002434	-0.002472	-0.002502	-0.002533	-0.002570	-0.002570

**Adjust to 2006 Dollars**

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0.000	0.000	-0.021	-0.053	-0.054	-0.054	-0.051	-0.048	-0.045	-0.042	-0.039	-0.037	-0.035	-0.033	-0.031	-0.030
Total Emp (Thous)	0.000	0.000	-0.093	-0.161	-0.046	-0.043	-0.029	-0.026	-0.026	-0.025	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024
State & Local Gov (Bil Fixed 2006\$)	0.000000	0.000000	-0.000082	-0.000213	-0.000216	-0.000205	#####	-0.000186	-0.000175	-0.000165	-0.000156	-0.000147	-0.000141	-0.000133	-0.000128	-0.000120
Real Disp Pers Inc (Bil Fixed 2006\$)	0.000000	0.000000	-0.005517	-0.009587	-0.003138	-0.003151	-0.002544	#####	-0.002339	-0.002256	-0.002241	-0.002285	-0.002250	-0.002276	-0.002241	-0.002196
Total GRP (Bil Fixed 2006\$)	0.000000	0.000000	-0.007649	-0.013599	-0.004038	-0.004285	-0.003035	#####	-0.002848	-0.002848	-0.002848	-0.002892	-0.002927	-0.002964	-0.003017	-0.003017
State & Local Gov (Fixed 2006\$)	-55,516,550	-59,585,980	-63,137,940	-61,150,810	-52,543,580	-52,410,200	-52,338,830	-52,256,100	-52,240,550	-52,285,010	-52,248,910	-52,215,850	-52,182,730	-52,149,630	-52,117,750	-52,086,830
Real Disp Pers Inc (Fixed 2006\$)	-47,649,460	#####	-4,382,820	-4,284,540	-43,034,980	-42,882,800	-42,847,780	-42,793,960	-42,847,780	-42,847,780	-42,847,780	-42,847,780	-42,847,780	-42,847,780	-42,847,780	-42,847,780
Total GRP (Fixed 2006\$)	14,326,411	55,970,020	579,467,600	14,326,411	14,326,411	14,326,411	14,326,411	14,326,411	14,326,411	14,326,411	14,326,411	14,326,411	14,326,411	14,326,411	14,326,411	14,326,411

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0.02%	0.03%	0.04%	0.04%	0.04%	0.03%	0.03%	0.02%	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
Total Emp (Thous)	0.14%	0.14%	0.14%	0.07%	0.04%	0.04%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%
State & Local Gov (Bil Fixed 2006\$)	0.02%	0.03%	0.04%	0.04%	0.04%	0.04%	0.03%	0.03%	0.02%	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%
Real Disp Pers Inc (Bil Fixed 2006\$)	0.14%	0.14%	0.14%	0.07%	0.05%	0.04%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
Total GRP (Bil Fixed 2006\$)	0.13%	0.13%	0.12%	0.06%	0.04%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Averages Pop = 0.0336% emp = 0.1225% S&L gov= 0.0342% Real disp = 0.1244% GRP = 0.1107%

Changes to Clark if Modified Residential Pattern Evaluated for Caliente Alignment

**Key economic variables: Baseline for Clark County**

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
Total Population (Thous)	3,209,063	3,247,266	3,284,694	3,321,683	3,358,455	3,395,164	3,431,994	3,469,112	3,506,568	3,544,362	3,582,630	3,621,311	3,660,411	3,699,632	3,739,880	3,780,258	3,821,073	3,862,329	3,904,030	3,946,181	3,988,788
Total Emp (Thous)	1,465,364	1,478,917	1,492,906	1,507,844	1,524,248	1,540,262	1,555,336	1,570,949	1,586,036	1,601,285	1,619,299	1,637,271	1,655,381	1,674,463	1,692,833	1,711,411	1,729,638	1,748,043	1,763,004	1,778,652	1,792,530
State & Local Gov (Bil Fixed 2006\$)	13,677,659	13,911,805	14,145,951	14,388,293	14,625,951	14,860,98	15,089,561	15,316,883	15,554,341	15,785,659	16,029,659	16,283,707	16,530,73	16,795,317	17,050,49	17,302,68	17,550,634	17,803,317	18,043,317	18,277,403	18,516,122
Real Disp Pers Inc (Bil Fixed 2006\$)	101,891,122	104,198,634	106,523,707	108,916,883	111,587,122	114,262,244	116,850,732	119,604,293	122,209,171	124,941,659	128,104,976	131,207,80	134,284,39	137,440,390	140,600,049	143,858,780	147,190,066	150,650,268	163,030,439	166,709,403	169,467,707
Total GRP (Bil Fixed 2006\$)	177,543,805	182,213,854	187,022,049	192,042,146	197,326,529	202,661,854	207,979,137	213,457,171	218,985,366	224,634,146	230,757,073	237,099,551	243,398,634	250,064,780	256,756,683	263,601,951	270,523,317	277,595,707	284,363,707	291,194,927	297,000,678

**Clark COUNTY: OUTPUTS**

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
Total Population	0.343	0.320	0.300	0.282	0.266	0.252	0.240	0.231	0.223	0.219	0.215	0.212	0.212	0.213	0.217	0.221	0.226	0.232	0.239	0.247	0.256
Total Emp (Thous)	0.077	0.081	0.085	0.089	0.091	0.094	0.095	0.097	0.098	0.099	0.100	0.100	0.101	0.101	0.102	0.102	0.103	0.103	0.104	0.105	0.107
State & Local Gov (Bil Fixed 2006\$)	0.001487	0.001396	0.001317	0.001244	0.001179	0.001122	0.001073	0.001038	0.001006	0.000992	0.000975	0.000973	0.000976	0.000989	0.001008	0.001031	0.001057	0.001091	0.001124	0.001166	0.001207
Real Disp Pers Inc (Bil Fixed 2006\$)	0.008650	0.008801	0.009096	0.009328	0.009525	0.009712	0.010016	0.010185	0.010470	0.010738	0.010971	0.011238	0.011506	0.011649	0.011916	0.012194	0.012497	0.013131	0.013691	0.014241	0.015000
Total GRP (Bil Fixed 2006\$)	0.008587	0.009230	0.009711	0.010122	0.010551	0.010997	0.011498	0.011764	0.012230	0.012408	0.012676	0.012890	0.013245	0.013550	0.013855	0.014067	0.014495	0.015205	0.015600	0.016026	0.016500

**Percentage Change of Draft EIS Outputs from the Baseline**

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
Total Population	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
Total Emp (Thous)	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
State & Local Gov (Bil Fixed 2000\$)	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
Real Disp Pers Inc (Bil Fixed 2000\$)	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
Total GRP (Bil Fixed 2000\$)	0.00%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%

The following represents the outputs from REMI (changes fr  
Caliente Alignment).These derive from the worksheet "Input

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
Total Population	-0.0276	-0.0264	-0.0252	-0.0242	-0.0227	-0.0225	-0.0215	-0.0208	-0.0203	-0.0195	-0.0195	-0.0193	-0.0190	-0.0186	-0.0181	-0.0186	-0.0186	-0.0190	-0.0193	-0.0196	
Total Emp (Thous)	-0.0239	-0.0242	-0.0243	-0.0241	-0.0242	-0.0236	-0.0237	-0.0238	-0.0242	-0.0239	-0.0238	-0.0237	-0.0234	-0.0236	-0.0237	-0.0234	-0.0234	-0.0234	-0.0233	-0.0234	
State & Local Gov (Bil Fixed 2000\$)	-0.000103	-0.000099	-0.000094	-0.000092	-0.000087	-0.000088	-0.000082	-0.000080	-0.000079	-0.000075	-0.000075	-0.000073	-0.000074	-0.000074	-0.000072	-0.000072	-0.000073	-0.000074	-0.000075	-0.000078	
Real Disp Pers Inc (Bil Fixed 2000\$)	-0.001862	-0.001884	-0.001877	-0.001892	-0.001907	-0.001930	-0.001961	-0.002007	-0.002037	-0.002060	-0.002075	-0.002045	-0.002045	-0.002106	-0.002121	-0.002174	-0.002197	-0.002182	-0.002187	-0.002197	
Total GRP (Bil Fixed 2000\$)	-0.002609	-0.002625	-0.002686	-0.002762	-0.002777	-0.002853	-0.002838	-0.002945	-0.002975	-0.003082	-0.003174	-0.003128	-0.003235	-0.003265	-0.003372	-0.003448	-0.003470	-0.003525	-0.003586	-0.003601	

**Adjust to 2006 Dollars**

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
Total Population	-0.028	-0.026	-0.025	-0.024	-0.022	-0.021	-0.021	-0.020	-0.020	-0.020	-0.020	-0.019	-0.019	-0.019	-0.019	-0.019	-0.019	-0.019	-0.020	-0.020	
Total Emp (Thous)	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.023	-0.023	
State & Local Gov (Bil Fixed 2006\$)	-0.000121	-0.000116	-0.000110	-0.000107	-0.000102	-0.000099	-0.000096	-0.000094	-0.000093	-0.000088	-0.000088	-0.000088	-0.000087	-0.000087	-0.000087	-0.000087	-0.000087	-0.000087	-0.000087	-0.000087	
Real Disp Pers Inc (Bil Fixed 2006\$)	-0.002179	-0.002204	-0.002216	-0.002221	-0.002231	-0.002258	-0.002294	-0.002348	-0.002383	-0.002410	-0.002428	-0.002393	-0.002393	-0.002464	-0.002464	-0.002464	-0.002464	-0.002464	-0.002570	-0.002553	-0.002570
Total GRP (Bil Fixed 2006\$)	-0.003053	-0.003071	-0.003143	-0.003232	-0.003249	-0.003338	-0.003320	-0.003446	-0.003481	-0.003605	-0.003605	-0.003714	-0.003650	-0.003785	-0.003820	-0.003945	-0.004034	-0.004070	-0.004124	-0.004194	-0.004213
State & Local Gov (Fixed 2006\$)	-\$120,510	-\$116,041	-\$110,460	-\$107,714	-\$101,533	-\$99,310	-\$95,963	-\$93,729	-\$92,606	-\$88,148	-\$88,148	-\$87,036	-\$87,036	-\$84,802	-\$85,913	-\$87,036	-\$88,148	-\$89,404	-\$89,404	-\$90,464	-\$90,464
Real Disp Pers Inc (Fixed 2006\$)	-\$2,178,540	-\$2,204,280	-\$2,196,090	-\$2,213,640	-\$2,258,100	-\$2,294,370	-\$2,348,190	-\$2,382,300	-\$2,410,200	-\$2,427,750	-\$2,392,650	-\$2,424,020	-\$2,424,020	-\$2,401,570	-\$2,431,880	-\$2,470,400	-\$2,512,940	-\$2,570,440	-\$2,631,200	-\$2,707,440	-\$2,787,440
Total GRP (Fixed 2006\$)	-\$3,052,530	-\$3,071,250	-\$3,142,620	-\$3,231,540	-\$3,249,090	-\$3,338,010	-\$3,320,460	-\$3,445,650	-\$3,480,750	-\$3,605,940	-\$3,713,580	-\$3,659,760	-\$3,784,950	-\$3,820,050	-\$3,945,240	-\$4,034,160	-\$4,174,280	-\$4,347,620	-\$4,513,170	-\$4,713,170	-\$4,913,620

**Percentage Change of New Outputs from the Baseline**

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	

## Key economic variables: Baseline for Clark County

Variable	2047	2048	2049	2050
Total Population (Thous)	4,031.854	4,075.386	4,119.388	4,163.863
Total Emp (Thous)	1,808.680	1,826.674	1,843.728	1,860.856
State & Local Gov (Bil Fixed 2006\$)	18,747.576	18,978.732	19,204.683	19,423.610
Real Disp Pers Inc (Bil Fixed 2006\$)	162,756.293	166,708.029	169,676.888	173,134.829
Total GRP (Bil Fixed 2006\$)	305,104.390	312,734.049	320,340.293	328,081.171

## Clark COUNTY: OUTPUTS

Variable	2047	2048	2049	2050
Total Population	0.264	0.273	0.281	0.289
Total Emp (Thous)	0.109	0.113	0.115	0.118
State & Local Gov (Bil Fixed 2006\$)	0.001251	0.001297	0.001337	0.001375
Real Disp Pers Inc (Bil Fixed 2006\$)	0.014836	0.015445	0.016030	0.016837
Total GRP (Bil Fixed 2006\$)	0.016787	0.017490	0.018175	0.019139

## Percentage Change of Draft EIS Outputs from the Baseline

Variable	2047	2048	2049	2050
Total Population	0.01%	0.01%	0.01%	0.01%
Total Emp (Thous)	0.01%	0.01%	0.01%	0.01%
State & Local Gov (Bil Fixed 2000\$)	0.01%	0.01%	0.01%	0.01%
Real Disp Pers Inc (Bil Fixed 2000\$)	0.01%	0.01%	0.01%	0.01%
Total GRP (Bil Fixed 2000\$)	0.01%	0.01%	0.01%	0.01%

The following represents the outputs from REMI (changes from Caliente Alignment). These derive from the worksheet "Input

Variable	2047	2048	2049	2050
Total Population	-0.0203	-0.0200	-0.0205	-0.0205
Total Emp (Thous)	-0.0231	-0.0228	-0.0232	-0.0226
State & Local Gov (Bil Fixed 2000\$)	-0.000082	-0.000083	-0.000083	-0.000084
Real Disp Pers Inc (Bil Fixed 2000\$)	-0.002182	-0.002228	-0.002258	-0.002258
Total GRP (Bil Fixed 2000\$)	-0.003693	-0.003754	-0.003845	-0.003784

## Adjust to 2006 Dollars

Variable	2047	2048	2049	2050
Total Population	-0.020	-0.020	-0.021	-0.021
Total Emp (Thous)	-0.023	-0.023	-0.023	-0.023
State & Local Gov (Bil Fixed 2006\$)	-0.000096	-0.000097	-0.000097	-0.000098
Real Disp Pers Inc (Bil Fixed 2006\$)	-0.002553	-0.002607	-0.002642	-0.002642
Total GRP (Bil Fixed 2006\$)	-0.004321	-0.004392	-0.004499	-0.004427
State & Local Gov (Fixed 2006\$)	-\$95,963	-\$97,075	-\$97,075	-\$98,186
Real Disp Pers Inc (Fixed 2006\$)	-\$2,552,940	-\$2,606,760	-\$2,641,860	-\$2,641,860
Total GRP (Fixed 2006\$)	-\$4,320,810	-\$4,392,180	-\$4,498,650	-\$4,427,280

## Percentage Change of New Outputs from the Baseline

Variable	2047	2048	2049	2050
Total Population	-0.001%	0.000%	0.000%	0.000%
Total Emp (Thous)	-0.001%	-0.001%	-0.001%	-0.001%
State & Local Gov (Bil Fixed 2006\$)	-0.001%	-0.001%	-0.001%	-0.001%
Real Disp Pers Inc (Bil Fixed 2006\$)	-0.002%	-0.002%	-0.002%	-0.002%
Total GRP (Bil Fixed 2006\$)	-0.001%	-0.001%	-0.001%	-0.001%

## Total Change of Old and New Outputs from the Baseline

Variable	2047	2048	2049	2050
Total Population	0.244	0.253	0.260	0.268
Total Emp (Thous)	0.086	0.090	0.092	0.095
State & Local Gov (Bil Fixed 2006\$)	0.001155	0.001200	0.001240	0.001276
Real Disp Pers Inc (Bil Fixed 2006\$)	0.012283	0.012838	0.013388	0.014196
Total GRP (Bil Fixed 2006\$)	0.012466	0.013098	0.013676	0.014712

## Total Percentage Change of Old and New Outputs from the I

Variable	2047	2048	2049	2050
Total Population	0.01%	0.01%	0.01%	0.01%
Total Emp (Thous)	0.00%	0.00%	0.00%	0.01%
State & Local Gov (Bil Fixed 2006\$)	0.01%	0.01%	0.01%	0.01%
Real Disp Pers Inc (Bil Fixed 2006\$)	0.01%	0.01%	0.01%	0.01%
Total GRP (Bil Fixed 2006\$)	0.00%	0.00%	0.00%	0.00%

Changes to Nye if Modified Residential Pattern Evaluated for Mina Alignment

Key economic variables: Baseline for Nye County

Variable	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total Population (Thous)	41.302	43.570	45.737	47.875	49.948	51.971	53.908	55.762	57.533	59.210	60.803	62.323	63.782	65.161	66.467	67.707	68.888	70.020	71.107	72.140
Total Emp (Thous)	16.973	17.698	18.184	18.549	18.887	19.194	19.515	19.825	20.095	20.308	20.585	20.823	21.044	21.287	21.481	21.683	21.083	22.002	22.241	22.430
State & Local Gov (Bil Fixed 2006\$)	0.156878	0.166244	0.174439	0.182634	0.192000	0.202537	0.213073	0.223610	0.232976	0.242341	0.251707	0.261073	0.269268	0.272629	0.284408	0.291512	0.297306	0.304300	0.310244	0.317260
Real Disp Pers Inc (Bil Fixed 2006\$)	0.998534	1.053659	1.118049	1.171902	1.211707	1.250341	1.290146	1.333463	1.373268	1.403707	1.440000	1.473951	1.505561	1.543024	1.572203	1.606244	1.641366	1.67146	1.704505	1.739707
Total GRP (Bil Fixed 2006\$)	1.061854	1.125073	1.164878	1.203512	1.252683	1.303024	1.353366	1.403707	1.452878	1.498537	1.551220	1.602732	1.651902	1.702244	1.750244	1.799415	1.840756	1.890927	1.940268	2.000780

Draft output from Mina Primary

NYE COUNTY: OUTPUTS

OUTPUTS ARE CHANGES FROM THE BASELINE FOR THE DRAFT RA EIS AND ASSUME EOL facility employees live 20% in Nye and 80% in Clark County (Scenario two NRC/ NTC in Nye County)

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total Population	0.023	0.051	0.084	0.089	0.088	0.087	0.086	0.088	0.085	0.085	0.085	0.085	0.085	0.085	0.085
Total Emp (Thous)	0.086	0.108	0.111	0.045	0.019	0.017	0.019	0.019	0.019	0.020	0.020	0.021	0.021	0.022	0.022
State & Local Gov (Bil Fixed 2006\$)	0.000256	0.000362	0.000404	0.000406	0.000380	0.000379	0.000379	0.000379	0.000379	0.000380	0.000381	0.000383	0.000383	0.000383	0.000382
Real Disp Pers Inc (Bil Fixed 2006\$)	0.001612	0.004302	0.004302	0.005335	0.002842	0.001624	0.001590	0.001585	0.001583	0.001573	0.001596	0.001622	0.001665	0.001690	0.001727
Total GRP (Bil Fixed 2006\$)	0.004847	0.011184	0.014241	0.005100	0.002222	0.002135	0.002751	0.002908	0.003010	0.003162	0.003288	0.003393	0.003477	0.003587	0.003600

Percentage Change of Draft EIS Outputs from the Baseline

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total Population	0.04%	0.09%	0.15%	0.15%	0.14%	0.14%	0.13%	0.13%	0.13%	0.13%	0.13%	0.12%	0.12%	0.12%	0.12%
Total Emp (Thous)	0.34%	0.55%	0.56%	0.22%	0.09%	0.08%	0.09%	0.09%	0.09%	0.09%	0.09%	0.10%	0.10%	0.10%	0.10%
State & Local Gov (Bil Fixed 2000\$)	0.13%	0.17%	0.18%	0.17%	0.16%	0.15%	0.15%	0.14%	0.14%	0.13%	0.13%	0.13%	0.13%	0.13%	0.12%
Real Disp Pers Inc (Bil Fixed 2000\$)	0.14%	0.33%	0.32%	0.39%	0.19%	0.11%	0.11%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
Total GRP (Bil Fixed 2000\$)	0.37%	0.83%	1.01%	0.35%	0.15%	0.14%	0.17%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%

Averages Pop = 0.1110% emp = 0.4203% S&L govt = 0.1628% Real disp = 0.2974% GRP = 0.6410%

The following represents the outputs from REMI (changes from baseline) under the assumption that 80% of EOL employees reside in Nye County and 20% reside in Clark County  
Mina Alignment. These derive from the worksheet "Input data." The input values are seen in Rows 169-183

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total Population	0.000	0.000	0.048	0.126	0.134	0.139	0.142	0.144	0.147	0.149	0.151	0.153	0.155	0.158	0.160
Total Emp (Thous)	0.000	0.000	0.091	0.157	0.054	0.056	0.044	0.044	0.044	0.045	0.046	0.047	0.048	0.049	0.050
State & Local Gov (Bil Fixed 2000\$)	0.000000	0.000000	0.000202	0.000530	0.000572	0.000600	0.000618	0.000633	0.000648	0.000662	0.000676	0.000689	0.000693	0.000691	0.000613
Real Disp Pers Inc (Bil Fixed 2000\$)	0.000000	0.000000	0.001061	0.003474	0.000489	0.000513	0.000528	0.000541	0.000554	0.000566	0.000577	0.000589	0.000599	0.000601	0.000613
Total GRP (Bil Fixed 2000\$)	0.000	0.000	0.03474	0.06130	0.003632	0.005167	0.004824	0.004922	0.005060	0.005222	0.005398	0.005577	0.005758	0.005939	0.006115

Adjust to 2006 Dollars

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total Population	0.000	0.000	0.048	0.126	0.134	0.139	0.142	0.144	0.147	0.149	0.151	0.153	0.155	0.158	0.160
Total Emp (Thous)	0.000	0.000	0.091	0.157	0.054	0.056	0.044	0.044	0.044	0.045	0.046	0.047	0.048	0.049	0.050
State & Local Gov (Bil Fixed 2006\$)	0.000000	0.000000	0.000202	0.000530	0.000572	0.000600	0.000618	0.000633	0.000648	0.000662	0.000676	0.000689	0.000693	0.000691	0.000730
Real Disp Pers Inc (Bil Fixed 2006\$)	0.000000	0.000000	0.001061	0.003474	0.000380	0.003295	0.003031	0.003000	0.003029	0.003069	0.003119	0.003170	0.003242	0.003309	
Total GRP (Bil Fixed 2006\$)	0.000	0.000	0.04065	0.07172	0.004249	0.006045	0.005644	0.005759	0.005920	0.006110	0.006316	0.006525	0.006737	0.006940	0.007155
State & Local Gov (Fixed 2006\$)	201,942	350,361	572,130	559,976	617,526	647,712	661,752	680,247	702,810	710,625	720,003				
Real Disp Pers Inc (Fixed 2006\$)	5,682,320	10,610,730	13,801,330	12,294,720	13,031,470	12,899,880	13,003,390	13,029,130	13,058,910	13,119,220	13,177,720	13,242,070			
Total GRP (Fixed 2006\$)	4,064,580	7,172,100	14,249,440	16,045,390	15,758,740	16,109,740	16,315,680	16,525,000	16,730,860	16,948,530	17,154,550				

Percentage Change of New Outputs from the Baseline

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total Population	0.00%	0.00%	0.09%	0.22%	0.23%	0.23%	0.23%	0.22%	0.22%	0.22%	0.22%	0.22%	-0.22%	-0.22%	0.22%
Total Emp (Thous)	0.00%	0.00%	0.46%	0.78%	0.26%	0.27%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.22%	0.22%	0.22%
State & Local Gov (Bil Fixed 2006\$)	0.00%	0.00%	0.09%	0.23%	0.24%	0.24%	0.24%	0.24%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%
Real Disp Pers Inc (Bil Fixed 2006\$)	0.00%	0.00%	0.45%	0.77%	0.27%	0.23%	0.21%	0.20%	0.19%	0.19%	0.19%	0.19%	0.19%	0.19%	0.19%
Total GRP (Bil Fixed 2006\$)	0.00%	0.00%	0.29%	0.49%	0.28%	0.39%	0.35%	0.35%	0.35%	0.35%	0.35%	0.35%	0.36%	0.36%	0.36%

Total Change of Old and New Outputs from the Baseline

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total Population	0.04%	0.09%	0.24%	0.37%	0.37%	0.37%	0.37%	0.36%	0.36%	0.35%	0.35%	0.35%	0.34%	0.34%	0.34%
Total Emp (Thous)	0.34%	0.55%	1.02%	1.01%	0.35%	0.35%	0.30%	0.30%	0.30%	0.30%	0.30%	0.31%	0.31%	0.32%	0.32%
State & Local Gov (Bil Fixed 2006\$)	0.13%	0.17%	0.27%	0.40%	0.39%	0.39%	0.38%	0.38%	0.37%	0.37%	0.36%	0.36%	0.36%	0.36%	0.35%
Real Disp Pers Inc (Bil Fixed 2006\$)	0.14%	0.33%	0.77%	1.16%	0.46%	0.34%	0.31%	0.30%	0.30%	0.29%	0.29%	0.29%	0.2		

Changes to Nye if Modified Residential Pattern Evaluated for Mina Alignment

**Key economic variables: Baseline for Nye County**

Variable	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
Total Population (Thous)	73,155	74,125	75,163	76,215	77,282	78,364	79,461	80,574	81,702	82,845	84,005	85,181	86,374	87,563	88,809	90,053	91,313	92,502	93,800
Total Emp (Thous)	22,628	22,835	23,054	23,263	23,477	23,706	23,928	24,177	24,415	24,673	24,923	25,183	25,462	25,733	26,020	26,310	26,601	26,894	27,179
State & Local Gov (Bil Fixed 2006\$)	0.323122	0.328976	0.336000	0.341854	0.348878	0.355902	0.362927	0.368780	0.375805	0.382829	0.389854	0.396878	0.405073	0.412098	0.420293	0.427317	0.435512	0.443707	0.450732
Real Disp Pers Inc (Bil Fixed 2006\$)	1.776000	1.813463	1.855610	1.893073	1.929366	1.970341	2.011317	2.059317	2.106146	2.156488	2.204488	2.254629	2.307512	2.359024	2.411707	2.467902	2.526439	2.583805	2.647024
Total GRP (Bil Fixed 2006\$)	2.053463	2.107317	2.164683	2.220878	2.280585	2.341463	2.402341	2.466732	2.531122	2.597854	2.665756	2.736000	2.809756	2.883512	2.960780	3.030220	3.120000	3.200780	3.282732

Draft output from Mina Primary

NYE COUNTY: OUTPUTS																			
Variable	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
Total Population	0.086	0.086	0.086	0.086	0.087	0.087	0.086	0.088	0.089	0.089	0.090	0.090	0.091	0.092	0.093	0.094	0.095	0.096	0.097
Total Emp (Thous)	0.023	0.023	0.024	0.024	0.024	0.025	0.025	0.025	0.025	0.025	0.026	0.026	0.026	0.026	0.027	0.027	0.027	0.027	0.027
State & Local Gov (Bil Fixed 2006\$)	0.000395	0.000399	0.000402	0.000408	0.000410	0.000414	0.000418	0.000421	0.000426	0.000430	0.000435	0.000441	0.000448	0.000452	0.000459	0.000465	0.000471	0.000477	0.000484
Real Disp Pers Inc (Bil Fixed 2006\$)	0.001764	0.001801	0.001841	0.001882	0.001921	0.001983	0.002005	0.002052	0.002097	0.002142	0.002191	0.002242	0.002298	0.002349	0.002403	0.002450	0.002515	0.002579	0.002644
Total GRP (Bil Fixed 2006\$)	0.003754	0.003812	0.003921	0.004019	0.004097	0.004179	0.004228	0.004326	0.004337	0.004319	0.004392	0.004458	0.004520	0.004595	0.004607	0.004604	0.004657	0.004630	0.004719

Percentage Change of Draft EIS Outputs from the Baseline

Variable	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
Total Population	0.12%	0.12%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.10%	0.10%	0.10%	0.10%	0.10%
Total Emp (Thous)	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
State & Local Gov (Bil Fixed 2000\$)	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%
Real Disp Pers Inc (Bil Fixed 2000\$)	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
Total GRP (Bil Fixed 2000\$)	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.17%	0.17%	0.16%	0.16%	0.16%	0.16%	0.15%	0.15%	0.14%	0.14%

The following represents the outputs from REMI (changes from Mina Alignment. These derive from the worksheet "Input data

Variable	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
Total Population	0.162	0.163	0.165	0.167	0.168	0.169	0.171	0.172	0.173	0.174	0.176	0.177	0.178	0.180	0.181	0.183	0.184	0.186	0.188
Total Emp (Thous)	0.051	0.052	0.053	0.053	0.054	0.055	0.055	0.056	0.056	0.057	0.057	0.058	0.058	0.059	0.059	0.060	0.060	0.061	0.061
State & Local Gov (Bil Fixed 2000\$)	0.000635	0.000646	0.000655	0.000665	0.000675	0.000684	0.000693	0.000701	0.000709	0.000717	0.000726	0.000734	0.000744	0.000753	0.000763	0.000773	0.000783	0.000793	0.000803
Real Disp Pers Inc (Bil Fixed 2000\$)	0.002885	0.002945	0.003004	0.003067	0.003128	0.003191	0.003257	0.003327	0.003398	0.003472	0.003546	0.003625	0.003708	0.003794	0.003880	0.003906	0.004056	0.004148	0.004246
Total GRP (Bil Fixed 2000\$)	0.006287	0.006454	0.006619	0.006780	0.006942	0.007100	0.007259	0.007415	0.007573	0.007730	0.007888	0.008049	0.008212	0.008377	0.008544	0.008672	0.008882	0.009054	0.009228

Adjust to 2006 Dollars

Variable	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
Total Population	0.162	0.163	0.165	0.167	0.168	0.169	0.171	0.172	0.173	0.174	0.176	0.177	0.178	0.180	0.181	0.183	0.184	0.186	0.188
Total Emp (Thous)	0.051	0.052	0.053	0.053	0.054	0.055	0.055	0.056	0.056	0.057	0.057	0.058	0.058	0.059	0.059	0.060	0.060	0.061	0.061
State & Local Gov (Bil Fixed 2006\$)	0.000743	0.000755	0.000767	0.000779	0.000790	0.000800	0.000810	0.000820	0.000829	0.000839	0.000849	0.000859	0.000870	0.000881	0.000893	0.000905	0.000916	0.000928	0.000939
Real Disp Pers Inc (Bil Fixed 2006\$)	0.003375	0.003446	0.003515	0.003588	0.003650	0.003733	0.003811	0.003893	0.003976	0.004062	0.004149	0.004241	0.004338	0.004429	0.004540	0.004640	0.004746	0.004853	0.004960
Total GRP (Bil Fixed 2006\$)	0.007356	0.007551	0.007744	0.007933	0.008122	0.008307	0.008493	0.008676	0.008860	0.009044	0.009229	0.009417	0.009608	0.009801	0.009986	0.010193	0.010392	0.010593	0.010797
State & Local Gov (Fixed 2006\$)	\$742,599	\$755,235	\$767,052	\$778,518	\$789,633	\$800,163	\$810,342	\$820,053	\$829,248	\$839,358	\$849,186	\$859,248	\$870,363	\$881,244	\$892,944	\$904,527	\$910,110	\$927,693	\$939,303
Real Disp Pers Inc (Fixed 2006\$)	\$3,375,450	\$3,445,650	\$3,514,680	\$3,588,399	\$3,659,760	\$3,733,470	\$3,810,690	\$3,892,590	\$3,975,660	\$4,062,240	\$4,148,820	\$4,241,250	\$4,338,380	\$4,438,880	\$4,539,800	\$4,640,220	\$4,745,520	\$4,845,180	\$4,947,820
Total GRP (Fixed 2006\$)	\$7,355,790	\$7,551,180	\$7,744,230	\$7,932,600	\$8,122,140	\$8,307,000	\$8,493,030	\$8,675,550	\$8,860,410	\$9,044,100	\$9,228,960	\$9,417,330	\$9,608,040	\$9,801,000	\$9,986,480	\$10,193,040	\$10,391,940	\$10,593,180	\$10,797,700

Percentage Change of New Outputs from the Baseline

Variable	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043
Total Population	0.22%	0.22%	0.22%	0.22%	0.22%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.21%	0.20%	0.20%	0.20%	0.20%	0.20%
Total Emp (Thous)	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%	0.23%
State & Local Gov (Bil Fixed 2006\$)	0.23%	0.23%	0.23%	0.23%	0.23%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.21%	0.21%	0.21%	0.21%	

## Key economic variables: Baseline for Nye County

Variable	2044	2045	2046	2047	2048	2049	2050
Total Population (Thous)	95.202	96.535	97.887	99.257	100.647	102.056	103.484
Total Emp (Thous)	27.467	27.732	28.020	28.322	28.640	28.955	29.274
State & Local Gov (Bil Fixed 2006\$)	0.458927	0.465951	0.472976	0.481171	0.488195	0.495220	0.503415
Real Disp Pers Inc (Bil Fixed 2006\$)	2.710244	2.769951	2.835683	2.908098	2.980683	3.056780	3.134049
Total GRP (Bil Fixed 2006\$)	3.365854	3.448976	3.535610	3.624585	3.717073	3.810732	3.905561

## Draft output from Mina Primary

## NYE COUNTY: OUTPUTS

Variable	2044	2045	2046	2047	2048	2049	2050
Total Population	0.098	0.099	0.100	0.101	0.103	0.104	0.105
Total Emp (Thous)	0.027	0.028	0.028	0.028	0.028	0.029	0.029
State & Local Gov (Bil Fixed 2006\$)	0.000491	0.000497	0.000504	0.000512	0.000519	0.000526	0.000533
Real Disp Pers Inc (Bil Fixed 2006\$)	0.002707	0.002780	0.002856	0.002937	0.003023	0.003110	0.003180
Total GRP (Bil Fixed 2006\$)	0.004600	0.004689	0.004778	0.004871	0.004966	0.005063	0.005138

## Percentage Change of Draft EIS Outputs from the Baseline

Variable	2044	2045	2046	2047	2048	2049	2050
Total Population	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
Total Emp (Thous)	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
State & Local Gov (Bil Fixed 2000\$)	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%	0.11%
Real Disp Pers Inc (Bil Fixed 2000\$)	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
Total GRP (Bil Fixed 2000\$)	0.14%	0.14%	0.14%	0.13%	0.13%	0.13%	0.13%

The following represents the outputs from REMI (changes from Mina Alignment. These derive from the worksheet "Input dat

Variable	2044	2045	2046	2047	2048	2049	2050
Total Population	0.190	0.192	0.194	0.196	0.198	0.201	0.203
Total Emp (Thous)	0.062	0.062	0.062	0.063	0.063	0.064	0.064
State & Local Gov (Bil Fixed 2000\$)	0.000813	0.000823	0.000834	0.000845	0.000856	0.000867	0.000877
Real Disp Pers Inc (Bil Fixed 2000\$)	0.004346	0.004450	0.004557	0.004671	0.004793	0.004923	0.005058
Total GRP (Bil Fixed 2000\$)	0.009406	0.009586	0.009768	0.009954	0.010140	0.010340	0.010540

## Adjust to 2006 Dollars

Variable	2044	2045	2046	2047	2048	2049	2050
Total Population	0.190	0.192	0.194	0.196	0.198	0.201	0.203
Total Emp (Thous)	0.062	0.062	0.062	0.063	0.063	0.064	0.064
State & Local Gov (Bil Fixed 2005\$)	0.000951	0.000963	0.000976	0.000988	0.001001	0.001014	0.001027
Real Disp Pers Inc (Bil Fixed 2005\$)	0.005085	0.005207	0.005332	0.005465	0.005608	0.005760	0.005918
Total GRP (Bil Fixed 2006\$)	0.011005	0.011216	0.011429	0.011646	0.011864	0.012098	0.012332
State & Local Gov (Fixed 2006\$)	\$951,210	\$963,144	\$975,780	\$988,299	\$1,001,286	\$1,014,039	\$1,026,558
Real Disp Pers Inc (Fixed 2006\$)	\$5,084,920	\$5,206,500	\$5,331,690	\$5,465,070	\$5,607,810	\$5,759,910	\$5,917,860
Total GRP (Fixed 2006\$)	\$11,005,020	\$11,215,620	\$11,428,560	\$11,646,180	\$11,863,800	\$12,097,800	\$12,331,800

## Percentage Change of New Outputs from the Baseline

Variable	2044	2045	2046	2047	2048	2049	2050
Total Population	0.20%	0.20%	0.20%	0.20%	0.20%	0.20%	0.20%
Total Emp (Thous)	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%
State & Local Gov (Bil Fixed 2005\$)	0.21%	0.21%	0.21%	0.21%	0.21%	0.20%	0.20%
Real Disp Pers Inc (Bil Fixed 2005\$)	0.19%	0.19%	0.19%	0.19%	0.19%	0.19%	0.19%
Total GRP (Bil Fixed 2006\$)	0.33%	0.33%	0.32%	0.32%	0.32%	0.32%	0.32%

## Total Change of Old and New Outputs from the Baseline

Variable	2044	2045	2046	2047	2048	2049	2050
Total Population	0.288	0.291	0.294	0.297	0.301	0.305	0.308
Total Emp (Thous)	0.089	0.090	0.090	0.091	0.091	0.093	0.093
State & Local Gov (Bil Fixed 2006\$)	0.001442	0.001461	0.001480	0.001500	0.001520	0.001540	0.001559
Real Disp Pers Inc (Bil Fixed 2006\$)	0.007792	0.007986	0.008188	0.008402	0.008631	0.008870	0.009077
Total GRP (Bil Fixed 2006\$)	0.015605	0.015904	0.016206	0.016517	0.016830	0.017161	0.017470

## Total Percentage Change of Old and New Outputs from the Ba

Variable	2044	2045	2046	2047	2048	2049	2050
Total Population	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%	0.30%
Total Emp (Thous)	0.32%	0.32%	0.32%	0.32%	0.32%	0.32%	0.32%
State & Local Gov (Bil Fixed 2006\$)	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%
Real Disp Pers Inc (Bil Fixed 2006\$)	0.29%	0.29%	0.29%	0.29%	0.29%	0.29%	0.29%
Total GRP (Bil Fixed 2006\$)	0.46%	0.46%	0.46%	0.46%	0.45%	0.45%	0.45%

Key economic variables: Baseline for Nye County

Variable

Total Population (Thous)

Total Emp (Thous)

State & Local Gov (Bil Fixed 2006\$)

Real Disp Pers Inc (Bil Fixed 2006\$)

Total GRP (Bil Fixed 2006\$)

Draft output from Mina Primary

NYE COUNTY: OUTPUTS

Variable

Total Population

Total Emp (Thous)

State & Local Gov (Bil Fixed 2006\$)

Real Disp Pers Inc (Bil Fixed 2006\$)

Total GRP (Bil Fixed 2006\$)



Percentage Change of Draft EIS Outputs from the Baseline

Variable

Total Population

Total Emp (Thous)

State & Local Gov (Bil Fixed 2000\$)

Real Disp Pers Inc (Bil Fixed 2000\$)

Total GRP (Bil Fixed 2000\$)

The following represents the outputs from REMI (changes from  
Mina Alignment. These derive from the worksheet "Input dat

Variable

Total Population

Total Emp (Thous)

State & Local Gov (Bil Fixed 2006\$)

Real Disp Pers Inc (Bil Fixed 2006\$)

Total GRP (Bil Fixed 2006\$)

Adjust to 2006 Dollars

Variable

Total Population

Total Emp (Thous)

State & Local Gov (Bil Fixed 2006\$)

Real Disp Pers Inc (Bil Fixed 2006\$)

Total GRP (Bil Fixed 2006\$)

State & Local Gov (Fixed 2006\$)

Real Disp Pers Inc (Fixed 2006\$)

Total GRP (Fixed 2006\$)

Percentage Change of New Outputs from the Baseline

Variable

Total Population

Total Emp (Thous)

State & Local Gov (Bil Fixed 2006\$)

Real Disp Pers Inc (Bil Fixed 2006\$)

Total GRP (Bil Fixed 2006\$)

Total Change of Old and New Outputs from the Baseline

Variable

Total Population

Total Emp (Thous)

State & Local Gov (Bil Fixed 2006\$)

Real Disp Pers Inc (Bil Fixed 2006\$)

Total GRP (Bil Fixed 2006\$)

Total Percentage Change of Old and New Outputs from the Ba

Variable

Total Population

Total Emp (Thous)

State & Local Gov (Bil Fixed 2006\$)

Real Disp Pers Inc (Bil Fixed 2006\$)

Total GRP (Bil Fixed 2006\$)

Changes to Clark if Modified Residential Pattern Evaluated for Mina Alignment

**Key economic variables: Baseline for Clark County**

Variable	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population (Thous)	1,815,700	1,904,443	1,990,481	2,079,953	2,169,475	2,258,748	2,344,992	2,428,325	2,507,120	2,581,891	2,652,070	2,718,315	2,780,538	2,839,052	2,894,224	2,940,350	2,995,016	3,042,287	3,088,602	3,129,112	3,169,707
Total Emp (Thous)	1,069,020	1,114,919	1,150,594	1,203,524	1,217,552	1,239,364	1,249,848	1,269,918	1,289,742	1,308,270	1,325,133	1,339,702	1,353,599	1,367,710	1,380,243	1,391,701	1,402,741	1,414,305	1,427,280	1,440,506	1,463,024
State & Local Gov (Bil Fixed 2006\$)	6,546,732	6,964,683	7,273,756	7,598,049	8,026,537	8,465,561	8,930,415	9,331,902	9,752,195	10,163,122	10,549,463	10,910,049	11,244,078	11,562,146	11,865,366	12,153,396	12,427,317	12,687,220	12,948,203	13,100,480	13,435,317
Real Disp Pers Inc (Bil Fixed 2006\$)	54,698,927	57,614,049	60,769,171	64,555,317	66,664,976	69,016,976	71,126,634	73,386,146	75,697,171	77,850,146	79,886,049	81,844,683	83,798,293	85,826,341	87,728,780	89,556,293	91,389,050	93,378,732	95,472,000	97,685,054	99,850,937
Total GRP (Bil Fixed 2006\$)	86,676,293	81,599,220	95,452,098	101,185,171	105,016,976	109,562,927	113,338,537	117,891,512	122,627,122	127,310,049	131,596,160	135,777,851	139,827,512	143,946,146	147,066,430	151,030,537	155,004,000	159,084,000	164,280,780	160,087,220	173,021,46

**Mina Primary Outputs**

**CLARK COUNTY: OUTPUTS**

OUTPUTS ARE CHANGES FROM THE BASELINE FOR THE DRAFT RA EIS AND ASSUME EOL facility employees live 20% in Nye and 80% in Clark County (Scenario one: NRCD/ NTOC in Lincoln County)

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0.385	0.714	1.023	1.059	1.015	0.911	0.813	0.722	0.642	0.573	0.514	0.462	0.410	0.383	0.352	0.325
Total Emp (Thous)	1.740	1.760	1.818	1.769	0.386	0.074	0.032	0.015	0.013	0.019	0.028	0.030	0.040	0.050	0.068	0.075
bold are done	0.001470	0.002764	0.004006	0.004196	0.004074	0.003692	0.003326	0.002979	0.002667	0.002395	0.002157	0.001953	0.001782	0.001635	0.001513	0.001404
State & Local Gov (Bil Fixed 2006\$)	0.097309	0.099672	0.106058	0.049025	0.029563	0.012529	0.010060	0.008480	0.007534	0.007115	0.006918	0.006838	0.007061	0.007364	0.007605	0.007969
Real Disp Pers Inc (Bil Fixed 2006\$)	0.136071	0.143091	0.152744	0.069675	0.037955	0.010694	0.006194	0.003964	0.003205	0.003366	0.003945	0.004910	0.005837	0.006801	0.007748	0.008669
Total GRP (Bil Fixed 2006\$)																

**Percentage Change of Draft EIS Outputs from the Baseline**

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0.02%	0.03%	0.04%	0.04%	0.04%	0.03%	0.03%	0.03%	0.02%	0.02%	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%
Total Emp (Thous)	0.14%	0.14%	0.14%	0.06%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
State & Local Gov (Bil Fixed 2006\$)	0.02%	0.03%	0.04%	0.04%	0.03%	0.03%	0.03%	0.03%	0.02%	0.02%	0.02%	0.02%	0.01%	0.01%	0.01%	0.01%
Real Disp Pers Inc (Bil Fixed 2006\$)	0.14%	0.14%	0.14%	0.06%	0.04%	0.02%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
Total GRP (Bil Fixed 2006\$)	0.12%	0.13%	0.13%	0.06%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Averages Pop = 0.0330% emp = 0.1210% S&L.gov= 0.0336% Real disp = 0.1226% GRP = 0.1092%

The following represents the outputs from REMI (changes from baseline) under the assumption that 80% of EOL employees reside in Nye County and 20% reside in Clark County

Mina Alignment. These derive from the worksheet "Input data." The input values are seen in Rows 169-183

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0	0	-0.0210	-0.0532	-0.0540	-0.0537	-0.0505	-0.0479	-0.0449	-0.0418	-0.0388	-0.0371	-0.0349	-0.0330	-0.0310	-0.0295
Total Emp (Thous)	0.0000	0.0000	-0.0934	-0.1610	-0.0461	-0.0426	-0.0286	-0.0255	-0.0245	-0.0243	-0.0244	-0.0243	-0.0244	-0.0244	-0.0244	-0.0242
State & Local Gov (Bil Fixed 2000\$)	0	0	-0.000070	-0.000182	-0.000184	-0.000185	-0.000176	-0.000168	-0.000159	-0.000150	-0.000141	-0.000134	-0.000126	-0.000120	-0.000114	-0.000110
Real Disp Pers Inc (Bil Fixed 2000\$)	0	0	-0.004715	-0.008194	-0.002682	-0.002693	-0.002174	-0.002060	-0.001998	-0.001930	-0.001915	-0.001953	-0.001923	-0.001945	-0.001915	-0.001977
Total GRP (Bil Fixed 2000\$)	0	0	-0.006538	-0.011620	-0.003746	-0.003662	-0.002594	-0.002464	-0.002434	-0.002389	-0.002434	-0.002434	-0.002472	-0.002502	-0.002533	-0.002570

**Adjust to 2006 Dollars**

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0.000	0.000	-0.021	-0.053	-0.054	-0.053	-0.0505	-0.0479	-0.0449	-0.0418	-0.0388	-0.0371	-0.0349	-0.0330	-0.0310	-0.0295
Total Emp (Thous)	0.000	0.000	-0.0934	-0.1610	-0.0461	-0.0426	-0.0286	-0.0255	-0.0245	-0.0243	-0.0244	-0.0243	-0.0244	-0.0244	-0.0244	-0.0242
State & Local Gov (Bil Fixed 2005\$)	0.000000	0.000000	-0.000082	-0.000213	-0.000215	-0.000216	-0.000205	-0.000196	-0.000185	-0.000175	-0.000165	-0.000156	-0.000147	-0.000139	-0.000133	-0.000120
Real Disp Pers Inc (Bil Fixed 2006\$)	0.000000	0.000000	-0.005517	-0.009587	-0.003138	-0.003151	-0.002544	-0.002410	-0.002339	-0.002258	-0.002241	-0.002285	-0.002276	-0.002241	-0.002210	-0.002190
Total GRP (Bil Fixed 2006\$)	0.000000	0.000000	-0.007649	-0.013595	-0.004383	-0.004285	-0.003035	-0.002883	-0.002848	-0.002894	-0.002848	-0.002848	-0.002892	-0.002877	-0.002904	-0.003017
State & Local Gov (Fixed 2006\$)	\$-516,550	\$-55,596,880	\$-521,589	\$-521,589	\$-215,397	\$-216,450	\$-205,326	\$-196,325	\$-185,326	\$-175,149	\$-165,325	\$-156,195	\$-147,325	\$-140,634	\$-132,795	\$-128,348
Real Disp Pers Inc (Fixed 2006\$)	\$-7,649,460	\$-13,595,400	\$-4,382,820	\$-4,284,540	\$-33,034,980	\$-32,882,880	\$-32,847,700	\$-32,819,960	\$-32,847,700	\$-32,847,700	\$-32,847,700	\$-32,847,700	\$-32,847,700	\$-32,847,700	\$-32,847,700	\$-32,847,700
Total GRP (Fixed 2006\$)	\$-7,649,460	\$-13,595,400	\$-4,382,820	\$-4,284,540	\$-33,034,980	\$-32,882,880	\$-32,847,700	\$-32,819,960	\$-32,847,700	\$-32,847,700	\$-32,847,700	\$-32,847,700	\$-32,847,700	\$-32,847,700	\$-32,847,700	\$-32,847,700

**Percentage Change of New Outputs from the Baseline**

Variable	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total Population	0.000%	0.000%	-0.001%	-0.002%	-0.002%	-0.002%	-0.002%	-0.002%	-0.002%	-0.001%	-0.001%	-0.001%	-0.001%	-0.001%	-0.001%	-0.001%
Total Emp (Thous)	0.000%	0.000%	-0.007%	-0.12%	-0.04%	-0.03%	-0.02%	-0.02%	-0.02%	-0.02%	-0.02%	-0.02%	-0.02%	-0.02%	-0.02%	-0.02%
State & Local Gov (Bil Fixed 2006\$)	0.000%	0.000%	-0.001%	-0.002%	-0.002%	-0.002%	-0.002%	-0.002%	-0.002%	-0.001%	-0.001%	-0.001%	-0.001%	-0.001%	-0.001%	-0.001%
Real Disp Pers Inc (Bil Fixed 2006\$)	0.000%	0.000%	-0.008%	-0.13%	-0.04%	-0.03%	-0.03%	-0.03%	-0.03%	-0.03%	-0.03%	-0.03%	-0.03%	-0.03%	-0.03%	-0.03%
Total GRP (Bil Fixed 2006\$)	0.000%	0.000%	-0.006%	-0.11%	-0.03%	-0.03%	-0.02%	-0.02%	-0.02%	-0.02%	-0.02%	-0.02%	-0.02%	-0.02%	-0.02%	-0.02%

**Total Change of Old and New Outputs from the Baseline**

Variable

Changes to Clark if Modified Residential Pattern Evaluated for Mina Alignment

**Key economic variables: Baseline for Clark County**

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
Total Population (Thous)	3,209,063	3,247,266	3,284,694	3,321,683	3,358,455	3,395,164	3,431,994	3,469,112	3,508,568	3,544,362	3,582,630	3,621,311	3,660,411	3,699,932	3,730,880	3,780,258	3,821,073	3,862,320	3,904,030	3,946,181
Total Emp (Thous)	1,465,364	1,478,917	1,492,906	1,507,844	1,524,248	1,540,282	1,555,336	1,570,049	1,586,038	1,601,285	1,610,200	1,637,271	1,655,381	1,674,463	1,692,833	1,711,411	1,720,938	1,748,043	1,763,804	1,778,852
State & Local Gov (Bil Fixed 2006\$)	13,677,659	13,911,805	14,145,951	14,382,933	14,625,951	14,860,98	15,095,961	15,316,683	15,554,941	15,789,659	16,029,659	16,283,707	16,533,073	16,705,317	17,054,049	17,309,268	17,558,034	17,803,317	18,043,317	18,277,403
Real Disp Pers Inc (Bil Fixed 2006\$)	101,891,122	104,198,634	106,523,707	108,916,683	111,587,122	114,282,244	116,850,732	119,604,293	122,209,171	124,941,659	128,104,978	131,120,780	134,238,439	137,440,390	140,060,049	143,887,780	147,190,003	150,005,208	153,930,430	156,709,463
Total GRP (Bil Fixed 2006\$)	177,543,805	182,213,854	187,022,049	192,042,146	197,326,829	202,661,854	207,979,317	213,457,171	218,985,366	224,634,146	230,757,073	237,099,951	243,398,834	250,064,780	258,756,683	263,601,951	270,523,317	277,595,707	284,303,707	291,104,027

**Mina Primary Outputs**

**CLARK COUNTY: OUTPUTS**

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
Total Population	0.303	0.282	0.264	0.247	0.233	0.220	0.210	0.202	0.195	0.191	0.188	0.186	0.188	0.191	0.195	0.200	0.205	0.212	0.210	
Total Emp (Thous)	0.081	0.085	0.088	0.091	0.093	0.095	0.097	0.098	0.099	0.100	0.101	0.102	0.102	0.102	0.103	0.104	0.104	0.105		
State & Local Gov (Bil Fixed 2006\$)	0.00113,13	0.00122,7	0.00115,6	0.00109,1	0.00103,2	0.00098,2	0.00093,8	0.00090,7	0.00087,9	0.00086,7	0.00085,4	0.00085,4	0.00085,7	0.00086,9	0.00088,7	0.00091,0	0.00093,4	0.00096,0	0.00099,5	0.00103,3
Real Disp Pers Inc (Bil Fixed 2006\$)	0.00827,4	0.00840,0	0.00869,5	0.00894,4	0.00907,8	0.00930,1	0.00957,8	0.00974,7	0.01002,4	0.01028,3	0.01049,7	0.01073,8	0.01100,6	0.01114,0	0.01139,0	0.01166,7	0.01188,1	0.01219,4	0.01257,6	0.01300,0
Total GRP (Bil Fixed 2006\$)	0.00924,8	0.00987,2	0.01030,1	0.01080,0	0.01114,0	0.01156,8	0.01199,7	0.01230,0	0.01274,7	0.01298,0	0.01330,1	0.01344,2	0.01390,7	0.01413,5	0.01440,5	0.01464,0	0.01504,5	0.01530,7	0.01580,0	0.01624,1

**Percentage Change of Draft EIS Outputs from the Baseline**

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
Total Population	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
Total Emp (Thous)	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
State & Local Gov (Bil Fixed 2006\$)	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
Real Disp Pers Inc (Bil Fixed 2006\$)	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
Total GRP (Bil Fixed 2006\$)	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%

The following represents the outputs from REMI (changes from Mina Alignment. These derive from the worksheet "Input data".

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
Total Population	-0.0276	-0.0264	-0.0252	-0.0242	-0.0227	-0.0225	-0.0215	-0.0208	-0.0203	-0.0195	-0.0195	-0.0193	-0.0190	-0.0186	-0.0181	-0.0186	-0.0190	-0.0193	-0.0198	
Total Emp (Thous)	-0.0239	-0.0242	-0.0243	-0.0241	-0.0242	-0.0236	-0.0237	-0.0238	-0.0242	-0.0239	-0.0238	-0.0237	-0.0234	-0.0237	-0.0236	-0.0237	-0.0232	-0.0234	-0.0233	
State & Local Gov (Bil Fixed 2000\$)	-0.000103	-0.000099	-0.000094	-0.000092	-0.000087	-0.000085	-0.000082	-0.000080	-0.000079	-0.000075	-0.000075	-0.000075	-0.000074	-0.000074	-0.000072	-0.000073	-0.000074	-0.000075	-0.000078	
Real Disp Pers Inc (Bil Fixed 2000\$)	-0.001862	-0.001884	-0.001877	-0.001892	-0.001907	-0.001930	-0.001951	-0.002007	-0.002037	-0.002060	-0.002075	-0.002045	-0.002045	-0.002106	-0.002106	-0.002121	-0.002174	-0.002197	-0.002102	
Total GRP (Bil Fixed 2000\$)	-0.002609	-0.002625	-0.002686	-0.002762	-0.002777	-0.002853	-0.002838	-0.002945	-0.002975	-0.003082	-0.003082	-0.003174	-0.003120	-0.003235	-0.003265	-0.003372	-0.003448	-0.003470	-0.003526	

**Adjust to 2006 Dollars**

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
Total Population	-0.028	-0.026	-0.025	-0.024	-0.023	-0.022	-0.021	-0.021	-0.020	-0.020	-0.020	-0.019	-0.019	-0.019	-0.019	-0.019	-0.019	-0.019	-0.020	
Total Emp (Thous)	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.024	-0.023	-0.023	-0.023	
State & Local Gov (Bil Fixed 2006\$)	-0.000121	-0.000116	-0.000110	-0.000107	-0.000102	-0.000099	-0.000096	-0.000094	-0.000093	-0.000088	-0.000088	-0.000088	-0.000087	-0.000087	-0.000086	-0.000086	-0.000087	-0.000087	-0.000087	
Real Disp Pers Inc (Bil Fixed 2006\$)	-0.002179	-0.002204	-0.002214	-0.002231	-0.002258	-0.002294	-0.002348	-0.002383	-0.002410	-0.002428	-0.002428	-0.002393	-0.002393	-0.002464	-0.002464	-0.002482	-0.002544	-0.002570	-0.002553	
Total GRP (Bil Fixed 2006\$)	-0.003053	-0.003071	-0.003143	-0.003232	-0.003249	-0.003320	-0.003346	-0.003481	-0.003606	-0.003605	-0.003714	-0.003650	-0.003785	-0.003820	-0.003945	-0.004034	-0.004070	-0.004124	-0.004196	
State & Local Gov (Fixed 2006\$)	-\$120,510	-\$116,041	-\$110,460	-\$107,170	-\$101,533	-\$99,310	-\$93,729	-\$92,605	-\$88,148	-\$88,148	-\$88,148	-\$87,036	-\$87,036	-\$86,913	-\$87,036	-\$88,148	-\$91,494	-\$91,494	-\$91,494	
Real Disp Pers Inc (Fixed 2006\$)	-\$2,178,540	-\$2,204,280	-\$2,196,090	-\$2,213,640	-\$2,231,190	-\$2,258,100	-\$2,294,370	-\$2,348,190	-\$2,383,290	-\$2,410,200	-\$2,427,750	-\$2,392,650	-\$2,426,020	-\$2,446,020	-\$2,481,570	-\$2,543,580	-\$2,570,400	-\$2,552,840	-\$2,552,840	
Total GRP (Fixed 2006\$)	-\$3,052,530	-\$3,071,250	-\$3,142,620	-\$3,231,540	-\$3,249,090	-\$3,338,010	-\$3,320,460	-\$3,445,650	-\$3,480,750	-\$3,605,940	-\$3,713,500	-\$3,659,760	-\$3,784,950	-\$3,820,050	-\$3,945,240	-\$4,024,160	-\$4,070,430	-\$4,124,250	-\$4,193,620	

**Percentage Change of New Outputs from the Baseline**

Variable	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
Total Population	-0.001	-0																		

## Key economic variables: Baseline for Clark County

Variable	2046	2047	2048	2049	2050
Total Population (Thous)	3,688.788	4,031.854	4,075.386	4,119.388	4,163.863
Total Emp (Thous)	1,792.539	1,808.680	1,826.674	1,843.728	1,860.856
State & Local Gov (Bil Fixed 2006\$)	18.515122	18.745756	18.978732	19.204683	19.423610
Real Disp Pers Inc (Bil Fixed 2006\$)	159.467707	162.756293	166.270829	169.676488	173.134829
Total GRP (Bil Fixed 2006\$)	297.900878	305.104390	312.734049	320.340293	328.081171

## Mina Primary Outputs

## CLARK COUNTY: OUTPUTS

Variable	2046	2047	2048	2049	2050
Total Population	0.228	0.234	0.242	0.250	0.256
Total Emp (Thous)	0.107	0.109	0.112	0.114	0.117
State & Local Gov (Bil Fixed 2006\$)	0.001071	0.001110	0.001149	0.001185	0.001221
Real Disp Pers Inc (Bil Fixed 2006\$)	0.013583	0.014157	0.014743	0.015340	0.015995
Total GRP (Bil Fixed 2006\$)	0.016857	0.017349	0.018087	0.018678	0.019642

## Percentage Change of Draft EIS Outputs from the Baseline

Variable	2046	2047	2048	2049	2050
Total Population	0.01%	0.01%	0.01%	0.01%	0.01%
Total Emp (Thous)	0.01%	0.01%	0.01%	0.01%	0.01%
State & Local Gov (Bil Fixed 2000\$)	0.01%	0.01%	0.01%	0.01%	0.01%
Real Disp Pers Inc (Bil Fixed 2000\$)	0.01%	0.01%	0.01%	0.01%	0.01%
Total GRP (Bil Fixed 2000\$)	0.01%	0.01%	0.01%	0.01%	0.01%

The following represents the outputs from REMI (changes from Mina Alignment. These derive from the worksheet "Input dat:

Variable	2046	2047	2048	2049	2050
Total Population	-0.0198	-0.0203	-0.0200	-0.0205	-0.0205
Total Emp (Thous)	-0.0234	-0.0231	-0.0228	-0.0232	-0.0226
State & Local Gov (Bil Fixed 2000\$)	-0.000081	-0.000082	-0.000083	-0.000083	-0.000084
Real Disp Pers Inc (Bil Fixed 2000\$)	-0.002197	-0.002182	-0.002228	-0.002258	-0.002258
Total GRP (Bil Fixed 2000\$)	-0.003601	-0.003693	-0.003754	-0.003845	-0.003784

## Adjust to 2006 Dollars

Variable	2046	2047	2048	2049	2050
Total Population	-0.020	-0.020	-0.020	-0.021	-0.021
Total Emp (Thous)	-0.023	-0.023	-0.023	-0.023	-0.023
State & Local Gov (Bil Fixed 2006\$)	-0.000095	-0.000096	-0.000097	-0.000097	-0.000098
Real Disp Pers Inc (Bil Fixed 2006\$)	-0.002370	-0.002353	-0.002607	-0.002642	-0.002642
Total GRP (Bil Fixed 2006\$)	-0.004213	-0.004321	-0.004392	-0.004499	-0.004427
State & Local Gov (Fixed 2006\$)	\$94,840	\$95,963	\$97,075	\$97,075	\$98,186
Real Disp Pers Inc (Fixed 2006\$)	\$2,570,490	\$2,552,940	\$2,606,760	\$2,641,860	\$2,641,860
Total GRP (Fixed 2006\$)	\$4,213,170	\$4,320,810	\$4,392,180	\$4,498,650	\$4,427,280

## Percentage Change of New Outputs from the Baseline

Variable	2046	2047	2048	2049	2050
Total Population	0.000%	-0.001%	0.000%	0.000%	0.000%
Total Emp (Thous)	-0.001%	-0.001%	-0.001%	-0.001%	-0.001%
State & Local Gov (Bil Fixed 2006\$)	-0.001%	-0.001%	-0.001%	-0.001%	-0.001%
Real Disp Pers Inc (Bil Fixed 2006\$)	-0.002%	-0.002%	-0.002%	-0.002%	-0.002%
Total GRP (Bil Fixed 2006\$)	-0.001%	-0.001%	-0.001%	-0.001%	-0.001%

## Total Change of Old and New Outputs from the Baseline

Variable	2046	2047	2048	2049	2050
Total Population	0.208	0.214	0.222	0.229	0.235
Total Emp (Thous)	0.084	0.086	0.089	0.091	0.094
State & Local Gov (Bil Fixed 2006\$)	0.000976	0.001014	0.001052	0.001088	0.001123
Real Disp Pers Inc (Bil Fixed 2006\$)	0.011012	0.011604	0.012136	0.012698	0.013353
Total GRP (Bil Fixed 2006\$)	0.012644	0.013028	0.013695	0.014179	0.015215

## Total Percentage Change of Old and New Outputs from the Ba

Variable	2046	2047	2048	2049	2050
Total Population	0.01%	0.01%	0.01%	0.01%	0.01%
Total Emp (Thous)	0.00%	0.00%	0.00%	0.00%	0.01%
State & Local Gov (Bil Fixed 2006\$)	0.01%	0.01%	0.01%	0.01%	0.01%
Real Disp Pers Inc (Bil Fixed 2006\$)	0.01%	0.01%	0.01%	0.01%	0.01%
Total GRP (Bil Fixed 2006\$)	0.00%	0.00%	0.00%	0.00%	0.00%