

Rocky Mountain Power
Exhibit RMP__(TJH-5)
Docket No. 17-035-39
Witness: Timothy J. Hemstreet

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF UTAH

ROCKY MOUNTAIN POWER

Exhibit Accompanying Direct Testimony of Timothy J. Hemstreet

Repower Schedule

June 2017

ID	Task Mode	Task Name	Start	Finish	Duration	Predecessors	Notes	2018	2019	2020	2021		
								Q1	Q2	Q3	Q4	Q1	Q2
1	Info	Repowering Project	Mon 1/29/18	Mon 5/31/21	871 days								
2	Task	Program Execution	Mon 1/29/18	Mon 5/31/21	871 days								
3	Task	Management	Mon 1/29/18	Mon 5/31/21	871 days								
4	Task	Project Management	Mon 1/29/18	Mon 5/31/21	871 days								
5	Task	Engineering	Mon 1/29/18	Wed 12/2/20	743 days								
6	Task	Environmental & Permitting	Mon 1/29/18	Wed 12/2/20	743 days								
7	Task	Property	Mon 1/29/18	Thu 7/30/20	654 days								
8	Task	Construction Management	Mon 1/29/18	Mon 5/31/21	871 days								
9	Task	Project Execution	Mon 4/2/18	Mon 5/31/21	826 days								
10	Task	WTG Installation Periods	Fri 3/15/19	Tue 11/10/20	432 days								
13	Task	Glenrock Area	Wed 5/30/18	Sat 4/18/20	493 days								
14	Task	Glenrock I	Wed 5/30/18	Sat 4/18/20	493 days								
15	Task	Issue WTG Supply and Retrofit Contract Release(s)	Wed 5/30/18	Wed 5/30/18	0 days								
16	Task	WTG Fabrication	Wed 5/30/18	Fri 1/25/19	8 emons	15							
17	Task	Site Civil Works / BOP	Wed 5/30/18	Fri 9/27/19	348 days	15							
18	Task	Transport and Delivery	Fri 1/25/19	Thu 8/8/19	28 wks	16							
19	Task	WTG Installation	Mon 3/18/19	Fri 9/27/19	28 wks	16							
20	Task	Substantial Completion	Tue 10/1/19	Tue 10/1/19	0 days	19							
21	Task	Final Completion	Mon 10/21/19	Mon 10/21/19	0 days	20FS+15 days							
22	Task	Project Closeout	Mon 10/21/19	Sat 4/18/20	6 emons	21							
23	Task	Glenrock III	Wed 5/30/18	Sat 4/18/20	493 days								
24	Task	Issue WTG Supply and Retrofit Contract Release(s)	Wed 5/30/18	Wed 5/30/18	0 days								
25	Task	WTG Fabrication	Wed 5/30/18	Fri 1/25/19	8 emons	24							
26	Task	Site Civil Works / BOP	Wed 5/30/18	Fri 9/27/19	348 days	24							
27	Task	Transport and Delivery	Fri 1/25/19	Thu 8/8/19	28 wks	25							
28	Task	WTG Installation	Mon 3/18/19	Fri 9/27/19	28 wks	25							
29	Task	Substantial Completion	Tue 10/1/19	Tue 10/1/19	0 days	28							
30	Task	Final Completion	Mon 10/21/19	Mon 10/21/19	0 days	29FS+15 days							
31	Task	Project Closeout	Mon 10/21/19	Sat 4/18/20	6 emons	30							
32	Task	Rolling Hills	Wed 5/30/18	Sat 4/18/20	493 days								
33	Task	Issue WTG Supply and Retrofit Contract Release(s)	Wed 5/30/18	Wed 5/30/18	0 days								
34	Task	WTG Fabrication	Wed 5/30/18	Fri 1/25/19	8 emons	33							
35	Task	Site Civil Works / BOP	Wed 5/30/18	Fri 9/27/19	348 days	33							
36	Task	Transport and Delivery	Fri 1/25/19	Thu 8/8/19	28 wks	34							
37	Task	WTG Installation	Mon 3/18/19	Fri 9/27/19	28 wks	34							
38	Task	Substantial Completion	Tue 10/1/19	Tue 10/1/19	0 days	37							
39	Task	Final Completion	Mon 10/21/19	Mon 10/21/19	0 days	38FS+15 days							
40	Task	Project Closeout	Mon 10/21/19	Sat 4/18/20	6 emons	39							
41	Task	Seven Mile Hill Area	Fri 6/29/18	Wed 1/15/20	404 days								
42	Task	Seven Mile Hill I	Fri 6/29/18	Wed 1/15/20	404 days								

ID	Task Mode	Task Name	Start	Finish	Duration	Predecessors	Notes
43	Task	Issue WTG Supply and Retrofit Contract Release(s)	Fri 6/29/18	Fri 6/29/18	0 days		
44	Task	WTG Fabrication	Fri 6/29/18	Sun 2/24/19	8 emons	43	
45	Task	Site Civil Works / BOP	Fri 6/29/18	Fri 6/28/19	261 days	43	
46	Task	Transport and Delivery	Mon 2/25/19	Fri 6/7/19	15 wks	44	
47	Task	WTG Installation	Mon 3/18/19	Fri 6/28/19	15 wks	44	
48	Task	Substantial Completion	Mon 7/1/19	Mon 7/1/19	0 days	47	
49	Task	Final Completion	Fri 7/19/19	Fri 7/19/19	0 days	48FS+15 days	
50	Task	Project Closeout	Fri 7/19/19	Wed 1/15/20	6 emons	49	
51	Task	Seven Mile Hill II	Fri 6/29/18	Wed 1/15/20	404 days		
52	Task	Issue WTG Supply and Retrofit Contract Release(s)	Fri 6/29/18	Fri 6/29/18	0 days		
53	Task	WTG Fabrication	Fri 6/29/18	Sun 2/24/19	8 emons	52	
54	Task	Site Civil Works / BOP	Fri 6/29/18	Fri 6/28/19	261 days	52	
55	Task	Transport and Delivery	Mon 2/25/19	Fri 6/7/19	15 wks	53	
56	Task	WTG Installation	Mon 3/18/19	Fri 6/28/19	15 wks	53	
57	Task	Substantial Completion	Mon 7/1/19	Mon 7/1/19	0 days	56	
58	Task	Final Completion	Fri 7/19/19	Fri 7/19/19	0 days	57FS+15 days	
59	Task	Project Closeout	Fri 7/19/19	Wed 1/15/20	6 emons	58	
60	Task	High Plains/McFadden Ridge Area	Mon 10/22/18	Sun 5/17/20	410 days		
61	Task	High Plains	Mon 10/22/18	Sun 5/17/20	410 days		
62	Task	Issue WTG Supply and Retrofit Contract Release(s)	Mon 10/22/18	Mon 10/22/18	0 days		
63	Task	WTG Fabrication	Mon 10/22/18	Wed 6/19/19	8 emons	62	
64	Task	Site Civil Works / BOP	Mon 10/22/18	Tue 10/29/19	267 days	62	
65	Task	Transport and Delivery	Wed 6/19/19	Tue 10/8/19	16 wks	63	
66	Task	WTG Installation	Wed 6/19/19	Tue 10/29/19	19 wks	63	
67	Task	Substantial Completion	Tue 10/29/19	Tue 10/29/19	0 days	66	
68	Task	Final Completion	Tue 11/19/19	Tue 11/19/19	0 days	67FS+15 days	
69	Task	Project Closeout	Tue 11/19/19	Sun 5/17/20	6 emons	68	
70	Task	McFadden Ridge	Mon 10/22/18	Sun 5/17/20	410 days		
71	Task	Issue WTG Supply and Retrofit Contract Release(s)	Mon 10/22/18	Mon 10/22/18	0 days		
72	Task	WTG Fabrication	Mon 10/22/18	Wed 6/19/19	8 emons	71	
73	Task	Site Civil Works / BOP	Mon 10/22/18	Tue 10/29/19	267 days	71	
74	Task	Transport and Delivery	Wed 6/19/19	Tue 10/8/19	16 wks	72	
75	Task	WTG Installation	Wed 6/19/19	Tue 10/29/19	19 wks	72	
76	Task	Substantial Completion	Tue 10/29/19	Tue 10/29/19	0 days	75	
77	Task	Final Completion	Tue 11/19/19	Tue 11/19/19	0 days	76FS+15 days	
78	Task	Project Closeout	Tue 11/19/19	Sun 5/17/20	6 emons	77	
79	Task	Dunlap	Wed 12/18/19	Mon 5/31/21	379 days		
80	Task	Issue WTG Supply and Retrofit Contract Release(s)	Wed 12/18/19	Wed 12/18/19	0 days		
81	Task	WTG Fabrication	Wed 12/18/19	Thu 7/30/20	7.5 emons	80	
82	Task	Site Civil Works / BOP	Wed 12/18/19	Wed 11/11/20	236 days	80	

ID	Task Mode	Task Name	Start	Finish	Duration	Predecessors	Notes
83	Task	Transport and Delivery	Thu 7/30/20	Wed 10/28/20	13 wks	81	
84	Task	WTG Installation	Thu 7/30/20	Wed 11/11/20	15 wks	81	
85	Task	Substantial Completion	Wed 11/11/20	Wed 11/11/20	0 days	84	
86	Task	Final Completion	Wed 12/2/20	Wed 12/2/20	0 days	85FS+15 days	
87	Task	Project Closeout	Wed 12/2/20	Mon 5/31/21	6 emons	86	
88	Task	Leaning Juniper	Fri 6/22/18	Wed 4/15/20	474 days		
89	Task	Issue WTG Supply and Retrofit Contract Release(s)	Fri 6/22/18	Fri 6/22/18	0 days		
90	Task	WTG Fabrication	Fri 6/22/18	Mon 6/17/19	12 emons	89	
91	Task	Site Civil Works / BOP	Fri 6/22/18	Fri 9/27/19	331 days	89	
92	Task	Transport and Delivery	Mon 6/17/19	Fri 9/13/19	13 wks	90	
93	Task	WTG Installation	Mon 6/17/19	Fri 9/27/19	15 wks	90	
94	Task	Substantial Completion	Fri 9/27/19	Fri 9/27/19	0 days	93	
95	Task	Final Completion	Fri 10/18/19	Fri 10/18/19	0 days	94FS+15 days	
96	Task	Project Closeout	Fri 10/18/19	Wed 4/15/20	6 emons	95	
97	Task	Marengo Area	Mon 4/2/18	Mon 5/18/20	556 days		
98	Task	Marengo I	Mon 4/2/18	Mon 5/18/20	556 days		
99	Task	Issue WTG Supply and Retrofit Contract Release(s)	Mon 4/2/18	Mon 4/2/18	0 days		
100	Task	WTG Fabrication	Mon 4/2/18	Thu 3/28/19	12 emons	99	
101	Task	Site Civil Works / BOP	Wed 5/2/18	Fri 11/1/19	393 days		
102	Task	Transport and Delivery	Thu 3/28/19	Wed 9/18/19	25 wks	100	
103	Task	WTG Installation	Thu 3/28/19	Wed 10/30/19	31 wks	100	
104	Task	Substantial Completion	Wed 10/30/19	Wed 10/30/19	0 days	103	
105	Task	Final Completion	Wed 11/20/19	Wed 11/20/19	0 days	104FS+15 day	
106	Task	Project Closeout	Wed 11/20/19	Mon 5/18/20	6 emons	105	
107	Task	Marengo II	Mon 4/2/18	Mon 5/18/20	556 days		
108	Task	Issue WTG Supply and Retrofit Contract Release(s)	Mon 4/2/18	Mon 4/2/18	0 days		
109	Task	WTG Fabrication	Mon 4/2/18	Thu 3/28/19	12 emons	108	
110	Task	Site Civil Works / BOP	Wed 5/2/18	Fri 11/1/19	393 days		
111	Task	Transport and Delivery	Thu 3/28/19	Wed 9/18/19	25 wks	109	
112	Task	WTG Installation	Thu 3/28/19	Wed 10/30/19	31 wks	109	
113	Task	Substantial Completion	Wed 10/30/19	Wed 10/30/19	0 days	112	
114	Task	Final Completion	Wed 11/20/19	Wed 11/20/19	0 days	113FS+15 day	
115	Task	Project Closeout	Wed 11/20/19	Mon 5/18/20	6 emons	114	
116	Task	Goodnoe Hills	Tue 7/24/18	Tue 4/21/20	456 days		
117	Task	Issue WTG Supply and Retrofit Contract Release(s)	Tue 7/24/18	Tue 7/24/18	0 days		
118	Task	WTG Fabrication	Tue 7/24/18	Fri 7/19/19	12 emons	117	
119	Task	Site Civil Works / BOP	Tue 7/24/18	Thu 10/3/19	313 days		
120	Task	Transport and Delivery	Fri 7/19/19	Thu 9/19/19	9 wks	118	
121	Task	WTG Installation	Fri 7/19/19	Thu 10/3/19	11 wks	118	
122	Task	Substantial Completion	Thu 10/3/19	Thu 10/3/19	0 days	121	

Project: Repower Schedule
 Date: Fri 6/16/17

Task: [Task Name] Milestone: [Milestone] Summary: [Summary] Project Summary: [Project Summary]

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ID	Task Name	Task Mode	Start	Finish	Duration	Predecessors	Notes	2018	2019	2020	2021
123	Final Completion		Thu 10/24/19	Thu 10/24/19	0 days	122FS+15 da)		Q1	Q1	Q1	Q1
124	Project Closeout		Thu 10/24/19	Tue 4/21/20	6 emons	123		Q1	Q1	Q1	Q1

Project: Repower Schedule		Task	
Date: Fri 6/16/17		Split	
		Milestone	
		Summary	
		Project Summary	