

**M-S-R PUBLIC POWER AGENCY
MEMORANDUM**

Date: October 31, 2019
To: M-S-R PPA Technical Committee
From: Martin R. Hopper, General Manager
Subject: Thursday, November 7, 2019, M-S-R PPA Technical Committee Meeting

Please find enclosed the agenda for the Thursday, November 7, 2019, M-S-R PPA Technical Committee Meeting to be held in Folsom, CA at 9:00 AM. Please post as required for Brown Act compliance.

Distribution:

Tameka Garnett – NCI
Steve Gross – General Counsel
Toxie Burriss – MID
Martin Caballero – MID
Amy Santos – MID
Cindy Worley – MID
Basil Wong – SVP
Steve Hance – SVP
Ann Hatcher – SVP
Kathleen Hughes – SVP
Yanmei Qiu – SVP
Steve Handy – Redding
Lowell Watros – Redding

M-S-R Public Power Agency

MEETING OF THE TECHNICAL COMMITTEE

Thursday, November 7, 2019, 9:00 AM

Navigant Consulting, Inc.
35 Iron Point Circle, Suite 225
Folsom, CA 95630

Remote Telephonic Location:

City of Redding – Electric Utility
3611 Avtech Parkway
Redding, CA 96049

GoTo Meeting Information:

<https://global.gotomeeting.com/join/600002701>
Telephone: 1 (872) 240-3412
Access Code: 600-002-701

AGENDA

<p>Any member of the public who desires to address the Committee on any item considered by the Committee at this meeting before or during the Committee's consideration of that item shall so advise the Chair and shall thereupon be given an opportunity to do so.</p>
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1. Call to Order
2. Roll Call
3. Approval of Minutes of September 5, 2019 and September 24, 2019 Meetings (attached)
4. ***Discussion and Possible Action Regarding 2020 M-S-R PPA Budget Review*** (attached, Martin Hopper)
5. General Manager Reports (attached, Martin Hopper)
6. Big Horn Wind Energy Project Operating Statistics (attached, Martin Hopper)
7. San Juan Decommissioning Status Report (attached, Martin Hopper)

8. ***Discussion and Possible Action Regarding November 2019 Outside Services Budget Versus Actual*** (attached)
9. ***Discussion and Possible Action Regarding November 2019 WREGIS REC Status Report*** (attached, Martin Hopper)
10. ***Discussion and Possible Action Regarding 2020 Meetings*** (attached, Martin Hopper)
11. **Closed Session**
 - a. Existing Litigation: Government Code §54956.9 (d)(1) – 3 Cases (NM-PRC Case 19-00018-UT, NM-PRC Case 19-00195-UT, BP-20-BPA)
12. Announcement from Closed Session
13. Member Reports
14. Public Comment
15. ***Confirm date and time of next meeting***
16. Adjourn

ALTERNATE FORMATS OF THIS AGENDA WILL BE MADE AVAILABLE UPON REQUEST TO QUALIFIED INDIVIDUALS WITH DISABILITIES.
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MINUTES OF THE
M-S-R PUBLIC POWER AGENCY
TECHNICAL COMMITTEE
SEPTEMBER 5, 2019

The M-S-R Public Power Agency (M-S-R PPA) Technical Committee held a regular meeting on September 5, 2019 at the offices of Porter Simon in Truckee, California. A list of the attendees is provided as Attachment 1. Mr. Hopper chaired the meeting.

Roll Call/Call to Order

The following M-S-R Members were represented: Modesto Irrigation District – Toxie Burriss, City of Santa Clara – Basil Wong, City of Redding – Lowell Watros (by telephone at noticed location). The meeting was called to order at 10:35 a.m.

Approval of Minutes

Upon a motion by Mr. Burriss, seconded by Mr. Wong, the minutes of the meeting held on July 11, 2019 were approved unanimously on the call of the roll.

Annual Strategic Plan

Mr. Hopper presented the draft 2020 M-S-R PPA Strategic Plan and noted that the goal of this year's review is to streamline and simplify the document and remove superfluous material where possible. The Committee reviewed the draft and removed further material pertaining to potential activities which it deemed unlikely to be of further interest to the Agency. Options were reviewed regarding policy options and related recommended actions. Santa Clara's representative requested the organization chart be updated to reflect anticipated changes in representation. Upon a motion by Mr. Wong seconded by Mr. Burriss, the Committee recommended the Commission adopt the 2020 M-S-R PPA Strategic Plan as revised. The motion was carried unanimously on the call of the roll.

Mr. Watros departed the meeting prior to this vote and it was noted that the remaining Santa Clara and Modesto representatives constitute a quorum for the conduct of Technical Committee business.

General Manager Report

The General Manager noted the July and August 2019 reports included in the package covering June and July activities had previously been provided to the Commission Members.

Big Horn Operating Statistics Report

Mr. Hopper noted that after historic low levels of Big Horn Project energy production for the first half of the year, energy production has returned to more typical levels. Mr. Hopper also reviewed information regarding expected and average production and curtailment statistics.

Decommissioning Status Report

Mr. Hopper reviewed the activities completed in the recent quarter and indicated the Decommissioning Committee will meet in-person in conjunction with the October 2019 SJGS Budget meetings.

Outside Services Budget versus Actual Report

Mr. Hopper indicated that the majority of activities were tracking cost expectations and no exceptions were noted. He reported that the Mine Reclamation activities performed by Westmoreland San Juan Mining have accelerated and are expected to continue at a high-level of activity through next year. Although early performance of mine reclamation work may reduce long-term costs to the Agency, the peculiarities of the funding curve process for the Mine Reclamation Trust may cause timing issues for Trust Payments. It was suggested that the Agency investigate making certain Mine Reclamation payments outside the Trust to keep the Trust in balance. The Committee then noted and filed the report.

WREGIS REC Status Report

Mr. Hopper reported that all transfers are currently meeting their expected delivery schedules.

Resolution 2019-01 Regarding Wildfire Mitigation Plans

Mr. Hopper presented the proposed Resolution 2019-01 Regarding Wildfire Mitigation Plans and explained that while the Agency has no physical assets and logically does not need a Wildfire Mitigation Plan to be created and reviewed by the State, it would be prudent to make findings to that effect for the record. It was moved by Mr. Wong and seconded by Mr. Burriss, that the Committee recommends the Commission adopt Resolution 2019-01 Regarding Wildfire Mitigation Plans. The motion was carried unanimously on the call of the roll.

Closed Session Conference with Legal Counsel

Pursuant to Government Code §54956.9(d)(1), the M-S-R PPA Technical Committee retired to closed session at 2:50 p.m. to Conference with Legal Counsel – 5 cases of Existing Litigation (NM-PRC Case 19-00018-UT, NM-PRC Case 19-00195-UT, BP-16-BPA, BP-18-BPA, and BP-20-BPA.)

Announcement from Closed Session

Upon returning to open session at 4:01 p.m., Mr. Gross reported that there were no reportable actions.

Amendments to Big Horn Wind Energy Project Agreements

The Committee then considered the proposed amendments to the Big Horn Wind Energy Project Agreements. It was moved by Mr. Burriss and seconded by Mr. Wong to recommend the Commission authorize and direct the Agency's General Manager to execute and deliver the following agreements, in such form as may be recommended by General Counsel, and approved by the General Manager executing the same, said execution being conclusive evidence of such approval:

1. Settlement Agreement Among Big Horn Wind Project, LLC, Big Horn II Wind Project, LLC, Avangrid Renewables, LLC, and M-S-R Public Power Agency;

2. Amendment No. 4 to Amended and Restated Wholesale Purchase and Sale Agreement for Wind Energy between Big Horn Wind Project, LLC, and M-S-R Public Power Agency;
3. Amendment No. 3 to Amended and Restated Shaping and Firming Agreement between Avangrid Renewables, LLC, and M S R Public Power Agency;
4. Amendment No. 1 to Power Purchase Agreement between Big Horn II Wind Project, LLC, and M-S-R Public Power Agency;
5. Amendment No. 1 to Redelivery Agreement between Avangrid Renewables, LLC, and M S R Public Power Agency;
6. Termination of Security Agreement between M-S-R Public Power Agency and Big Horn Wind Project, LLC;
7. Termination of Custodian Agreement among M-S-R Public Power Agency, Big Horn Wind Project, LLC, Avangrid Renewables, LLC, and U.S. Bank National Association;
8. Termination of Security Agreement between M-S-R Public Power Agency and Avangrid Renewables, LLC; and
9. Termination of Custodian Agreement by and among M-S-R Public Power Agency, Avangrid Renewables, LLC, and U.S. Bank National Association.

The motion was carried unanimously on the call of the roll.

Member Reports

Mr. Hopper solicited reports from the Members and received none.

Public Comment

Mr. Hopper solicited comment from the public and received none.

Next Meeting

The next regular meeting date will be held September 24, 2019, at 10:00 A.M at the offices of Porter Simon in Truckee, CA. The meeting was adjourned at 4:05 p.m.

Respectfully submitted.

Martin R. Hopper
General Manager

DRAFT

Attachment 1

ATTENDANCE LIST
M-S-R PUBLIC POWER AGENCY
TECHNICAL COMMITTEE
REGULAR MEETING

September 5, 2019
10:35 AM

<u>NAME</u>	<u>STATUS</u>	<u>ORGANIZATION</u>
Toxie Burriss	Member	Modesto
Steve Hance	Member	Santa Clara
Lowell Watros	Member	Redding (by telephone at noticed location – 3611 Avtech Parkway, Redding, CA 96049)
Martin Hopper	Chair	General Manager
Steve Gross	Guest	General Counsel

DRAFT

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MINUTES OF THE
M-S-R PUBLIC POWER AGENCY
TECHNICAL COMMITTEE
SEPTEMBER 24, 2019

The M-S-R Public Power Agency (M-S-R PPA) Technical Committee held a special meeting on September 24, 2019 at the offices of the Porter Simon in Truckee, California. A list of the attendees is provided as Attachment 1. Mr. Gross chaired the meeting.

Roll Call/Call to Order

The following M-S-R Members were represented: Modesto Irrigation District – Toxie Burriss, City of Santa Clara – Basil Wong, City of Redding – Steven Handy. The meeting was called to order at 10:20 a.m.

Closed Session Conference with Legal Counsel

Pursuant to Government Code Section 54956.9(d)(1), the M-S-R PPA Technical Committee retired to closed session at 10:10 a.m. to Conference with Legal Counsel Existing Litigation - 3 Cases: (BP-16-BPA, BP-18-BPA and BP-20-BPA).

Announcement from Closed Session

Upon returning to open session at 2:17 p.m., Mr. Gross reported that there were no reportable announcements.

Member Reports

Mr. Gross solicited member reports from the Members and received none.

Public Comment

Mr. Gross solicited comment from the Public and received none.

Next Meeting

The next regular meeting date will be at 9:00 a.m. on November 7, 2017 to be held at the offices of the Navigant Consulting, Inc. in Folsom, CA. The meeting was adjourned at 2:17 p.m.

Respectfully submitted,

Martin R. Hopper
General Manager

DRAFT

Attachment 1

ATTENDANCE LIST
M-S-R PUBLIC POWER AGENCY
TECHNICAL COMMITTEE
SPECIAL MEETING

September 24, 2019
10:20 AM

<u>NAME</u>	<u>STATUS</u>	<u>ORGANIZATION</u>
Toxie Burriss	Member	Modesto
Steve Gross	Chair	General Counsel
Steven Handy	Member	Redding
Alan Hockenson	Guest	Consultant
Martin Hopper	Guest	General Manager (telephonic)
Basil Wong	Member	Santa Clara
Pete Scanlon	Guest	Special Counsel

DRAFT

M-S-R Public Power Agency Staff Report

Date: October 31, 2019
From: Martin R. Hopper, General Manager
To: M-S-R PPA Commission
Subject: Approval of 2020 M-S-R Public Power Agency Budget

The proposed 2020 M-S-R PPA Budget has been prepared in conformance with our Bond Indentures and the policies and priorities established in the 2020 M-S-R PPA Strategic Plan adopted by this Commission on September 18, 2019.

Total expenditures under the budget will be \$78.9 million, which is about \$0.1 million lower than the 2019 M-S-R PPA Budget as summarized below and is \$0.3 million lower than the corresponding 2020 Budget Estimate in the 2019 M-S-R PPA Budget. Of further note, general consulting support has been reduced to about 420 hours in 2020 which represents a 70% reduction from its peak of about 1400 hours in 2013 and a 14% reduction from expected 2019 year-end estimate of about 490 hours. These reductions reflect the elimination of certain transmission, generation, and administrative support services rendered redundant due to asset divestitures and more efficient use of existing resources.

For Technical Committee review, I have also attached the input sheets used to prepare pages 7, and 9 – 17 of the proposed Budget.

The costs summarized below exclude Debt Service Revolving Fund distributions and receipts and Legacy Liability expenses either paid from Trusts or non-billable under Resolution 2016-04:

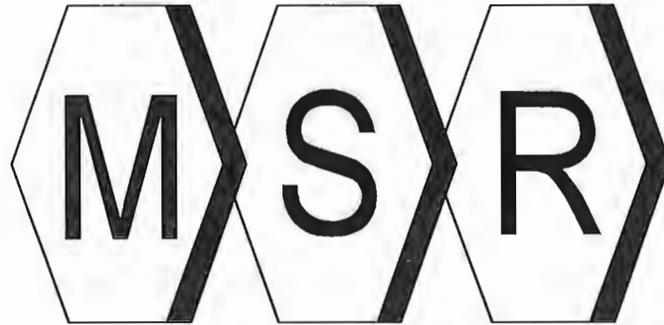
Category	Adopted 2019 Budget	Proposed 2020 Budget	Percentage Change	Comment
Agency and Debt Admin	0.5	0.5	13.9%	Increase due to liability insurance cost increases (wildfire).
Generation (San Juan)	27.8	27.9	0.5%	Increase due to SJGS Abandonment and Decommissioning Activities.
Renewables (Big Horn I & II)	50.4	50.3	-0.4%	Generation based on historic performance and costs of ancillary services.
Regulatory & Compliance	0.3	0.2	-20.6%	Reduction due to completion of certain FERC activities.
Totals	79.0	78.9	-0.1%	

The proposed budget generates sufficient revenues to meet debt service coverage requirements in fiscal year 2020 computed as set forth in Resolution 2014-07 regarding the Computation of Debt Service Coverage and as provided by the application of the Debt Service Coverage Revolving Fund established in 2016 and implemented pursuant to the requirements of Resolution 2016-02. Staff will closely monitor the Agency's fiscal performance during the course of the year to assure that Debt Service coverage requirements will be met.

San Juan Legacy Liability (Plant Decommissioning, Mine Reclamation, and Environmental) expenses are funded pursuant to Resolution 2016-04 whereby those items not paid directly from either the Reclamation or Decommissioning Trusts are paid from former San Juan Working Capital and are neither invoiced to the Members nor offset by Budget revenues. These items are shown as Generation Plant Expense and include Decommissioning Agent costs, liability insurance premiums associated with decommissioning activities, and environmental insurance premiums pursuant to the Restructuring, Decommissioning and Reclamation Agreements.

The proposed 2020 M-S-R PPA Budget was reviewed by Member Staff in a workshop held November 7, 2018.

I recommend the Commission adopt the proposed 2020 M-S-R PPA Budget.



Public Power Agency

2020 Draft Budget

MSR PUBLIC POWER AGENCY SUMMARY 2020 BUDGET

2019 Budget	2019 Year To Date Estimated	2020 Budget	2021 Budget Estimate
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FUNDS PROVIDED:

Operating Revenue	82,311,846	79,088,799	82,232,802	82,283,944
Other Revenue	400,000	675,000	900,000	800,000

Fund Provided	82,711,846	79,763,799	83,132,802	83,083,944
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FUNDS APPLIED:

Agency Administration & General	452,040	387,945	514,490	530,140
Agency Debt Administrative	55,000	35,804	50,000	50,000
Generation Administrative & General	127,000	154,304	152,000	138,000
Generation Plant Costs	3,409,000	3,300,000	3,402,000	3,403,000
Renewable Administrative	588,004	387,259	507,000	507,000
Coordinating Services	450,000	479,354	465,000	475,000
Regulatory & Compliance	296,000	312,126	235,000	235,000
Purchase Power-Big Horn 1	34,604,806	32,064,711	34,368,291	34,368,291
Purchase Power-Big Horn 2	14,802,650	14,330,946	14,892,271	14,932,519
Interest Expense-Generation	4,008,850	4,008,850	3,063,750	1,950,500
Principal Payments-Generation	23,627,500	23,627,500	24,685,000	25,797,500

Funds Applied	82,420,850	79,088,799	82,334,802	82,386,950
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SURPLUS (DEFICIT) REVENUE

	290,996	675,000	798,000	696,994
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MSR PUBLIC POWER AGENCY 2020 Budget Summary

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
REVENUE FROM MEMBERS													
Modesto Irrigation District	2,469,354	2,596,559	2,786,354	2,843,937	2,530,550	2,582,950	2,299,723	2,258,907	2,321,411	2,478,108	2,571,667	2,568,725	30,308,245
City of Santa Clara	2,689,222	2,836,750	3,302,215	3,480,348	3,007,556	3,165,335	2,703,614	2,645,160	2,568,976	2,776,007	2,871,962	2,822,943	34,870,088
City of Redding	1,279,974	1,340,544	1,618,960	1,731,720	1,498,694	1,597,994	1,357,923	1,329,965	1,245,781	1,339,787	1,374,766	1,338,361	17,054,469
TOTAL	6,438,550	6,773,853	7,707,529	8,056,005	7,036,800	7,346,279	6,361,260	6,234,032	6,136,168	6,593,902	6,818,395	6,730,029	82,232,802
BUDGET AMOUNTS / TRUE UP YEAR END													
Agency Administration & General	60,477	60,474	60,474	60,474	60,474	60,474	25,278	25,273	25,273	25,273	25,273	25,273	514,490
Agency Debt Administrative	4,170	4,166	4,166	4,166	4,166	4,166	4,170	4,166	4,166	4,166	4,166	4,166	50,000
Generation Administrative & General	12,670	12,666	12,666	12,666	12,666	12,666	12,670	12,666	12,666	12,666	12,666	12,666	152,000
Generation Plant Costs	283,500	283,500	283,500	283,500	283,500	283,500	283,500	283,500	283,500	283,500	283,500	283,500	3,402,000
Generation Plant Costs-Non Billable	(8,500)	(8,500)	(8,500)	(8,500)	(8,500)	(8,500)	(8,500)	(8,500)	(8,500)	(8,500)	(8,500)	(8,500)	(102,000)
Interest Expense-Generation	295,645	295,646	295,646	295,646	295,646	295,646	214,980	214,979	214,979	214,979	214,979	214,979	3,063,750
Principal Payments-Generation	2,016,665	2,016,667	2,016,667	2,016,667	2,016,667	2,016,667	2,097,500	2,097,500	2,097,500	2,097,500	2,097,500	2,097,500	24,685,000
ALLOCATED 50/35/15	2,664,627	2,664,619	2,664,619	2,664,619	2,664,619	2,664,619	2,629,598	2,629,584	2,629,584	2,629,584	2,629,584	2,629,584	31,765,240
BUDGET AMOUNTS / TRUE UP YEAR END													
Renewable Administrative	42,245	42,251	42,251	42,251	42,251	42,251	42,245	42,251	42,251	42,251	42,251	42,251	507,000
ALLOCATED 23/49/28													
MID	9,716	9,718	9,718	9,718	9,718	9,718	9,716	9,718	9,718	9,718	9,718	9,718	9,718
SC	20,700	20,703	20,703	20,703	20,703	20,703	20,700	20,703	20,703	20,703	20,703	20,703	20,703
REU	11,829	11,830	11,830	11,830	11,830	11,830	11,829	11,830	11,830	11,830	11,830	11,830	11,830
Coordinating Services	38,750	38,750	38,750	38,750	38,750	38,750	38,750	38,750	38,750	38,750	38,750	38,750	465,000
Regulatory & Compliance	19,590	19,582	19,582	19,582	19,582	19,582	19,590	19,582	19,582	19,582	19,582	19,582	235,000
ALLOCATED 40/40/20	58,340	58,332	58,332	58,332	58,332	58,332	58,340	58,332	58,332	58,332	58,332	58,332	700,000
MID	23,336	23,333	23,333	23,333	23,333	23,333	23,336	23,333	23,333	23,333	23,333	23,333	23,333
SC	23,336	23,333	23,333	23,333	23,333	23,333	23,336	23,333	23,333	23,333	23,333	23,333	23,333
REU	11,668	11,666	11,666	11,666	11,666	11,666	11,668	11,666	11,666	11,666	11,666	11,666	11,666
Renewable & Overheads	100,585	100,583	100,583	100,583	100,583	100,583	100,585	100,583	100,583	100,583	100,583	100,583	1,207,000
ACTUAL VARIABLE AMOUNTS													
Purchase Power-Big Horn 1	2,452,218	2,625,610	3,422,594	3,745,378	3,078,325	3,362,577	2,690,392	2,610,368	2,369,387	2,638,486	2,738,552	2,634,404	34,368,291
Purchase Power-Big Horn 2	1,221,120	1,383,040	1,519,732	1,545,424	1,193,272	1,218,499	940,685	893,497	1,036,614	1,225,249	1,349,676	1,365,463	14,892,271
Generation Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0
Transmission Losses	0	0	0	0	0	0	0	0	0	0	0	0	0
	3,673,338	4,008,650	4,942,326	5,290,802	4,271,597	4,581,076	3,631,077	3,503,865	3,406,001	3,863,735	4,088,228	3,999,867	49,260,562
ACTUAL AMOUNTS (OWNERSHIP SHARE)													
Generation Operation & Maintenance	0	0	0	0	0	0	0	0	0	0	0	0	0
Generation Capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Transmission Capital	0	0	0	0	0	0	0	0	0	0	0	0	0
ALLOCATED 50/35/15	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	6,438,550	6,773,852	7,707,528	8,056,004	7,036,799	7,346,278	6,361,260	6,234,032	6,136,168	6,593,902	6,818,395	6,730,034	82,232,802

MSR PUBLIC POWER AGENCY 2021 Budget Summary

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
REVENUE FROM MEMBERS													
Modesto Irrigation District	2,473,812	2,601,356	2,791,442	2,849,079	2,534,943	2,587,397	2,299,693	2,258,774	2,321,582	2,478,680	2,572,503	2,569,592	30,338,853
City of Santa Clara	2,692,098	2,839,806	3,305,428	3,483,591	3,010,395	3,168,203	2,703,444	2,644,933	2,568,913	2,776,160	2,872,257	2,823,256	34,888,484
City of Redding	1,280,737	1,341,306	1,619,722	1,732,482	1,499,456	1,598,756	1,357,518	1,329,559	1,245,375	1,339,381	1,374,360	1,337,955	17,056,607
TOTAL	6,446,647	6,782,468	7,716,592	8,065,152	7,044,794	7,354,356	6,360,655	6,233,266	6,135,870	6,594,221	6,819,120	6,730,803	82,283,944
BUDGET AMOUNTS / TRUE UP YEAR END													
Agency Administration & General	65,445	65,440	65,440	65,440	65,440	65,440	22,920	22,915	22,915	22,915	22,915	22,915	530,140
Agency Debt Administrative	4,170	4,166	4,166	4,166	4,166	4,166	4,170	4,166	4,166	4,166	4,166	4,166	50,000
Generation Administrative & General	11,505	11,499	11,499	11,499	11,499	11,499	11,505	11,499	11,499	11,499	11,499	11,499	138,000
Generation Plant Costs	283,585	283,583	283,583	283,583	283,583	283,583	283,585	283,583	283,583	283,583	283,583	283,583	3,403,000
Generation Plant Costs-Non Billiable	(8,585)	(8,583)	(8,583)	(8,583)	(8,583)	(8,583)	(8,585)	(8,583)	(8,583)	(8,583)	(8,583)	(8,583)	(103,000)
Interest Expense-Generation	214,980	214,979	214,979	214,979	214,979	214,979	110,105	110,104	110,104	110,104	110,104	110,104	1,950,500
Principal Payments-Generation	2,097,500	2,097,500	2,097,500	2,097,500	2,097,500	2,097,500	2,202,085	2,202,083	2,202,083	2,202,083	2,202,083	2,202,083	25,797,500
ALLOCATED 50/35/15	2,668,600	2,668,584	2,668,584	2,668,584	2,668,584	2,668,584	2,625,785	2,625,767	2,625,767	2,625,767	2,625,767	2,625,767	31,766,140
BUDGET AMOUNTS / TRUE UP YEAR END													
Renewable Administrative	42,245	42,251	42,251	42,251	42,251	42,251	42,245	42,251	42,251	42,251	42,251	42,251	507,000
ALLOCATED 23/49/28													
MID	9,716	9,718	9,718	9,718	9,718	9,718	9,716	9,718	9,718	9,718	9,718	9,718	9,718
SC	20,700	20,703	20,703	20,703	20,703	20,703	20,700	20,703	20,703	20,703	20,703	20,703	20,703
REU	11,829	11,830	11,830	11,830	11,830	11,830	11,829	11,830	11,830	11,830	11,830	11,830	11,830
Coordinating Services	39,585	39,583	39,583	39,583	39,583	39,583	39,585	39,583	39,583	39,583	39,583	39,583	475,000
Regulatory & Compliance	19,590	19,582	19,582	19,582	19,582	19,582	19,590	19,582	19,582	19,582	19,582	19,582	235,000
ALLOCATED 40/40/20	59,175	59,165	59,165	59,165	59,165	59,165	59,175	59,165	59,165	59,165	59,165	59,165	710,000
MID	23,670	23,666	23,666	23,666	23,666	23,666	23,670	23,666	23,666	23,666	23,666	23,666	23,666
SC	23,670	23,666	23,666	23,666	23,666	23,666	23,670	23,666	23,666	23,666	23,666	23,666	23,666
REU	11,835	11,833	11,833	11,833	11,833	11,833	11,835	11,833	11,833	11,833	11,833	11,833	11,833
Renewable & Overheads	101,420	101,416	101,416	101,416	101,416	101,416	101,420	101,416	101,416	101,416	101,416	101,416	1,217,000
ACTUAL VARIABLE AMOUNTS													
Purchase Power-Big Horn 1	2,452,218	2,625,610	3,422,594	3,745,378	3,078,325	3,362,577	2,690,392	2,610,368	2,369,387	2,638,486	2,738,552	2,634,404	34,368,291
Purchase Power-Big Horn 2	1,224,409	1,386,858	1,523,998	1,549,774	1,196,469	1,221,779	943,057	895,715	1,039,300	1,228,552	1,353,385	1,369,223	14,932,519
Generation Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0
Transmission Losses	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3,676,627	4,012,468	4,946,592	5,295,152	4,274,794	4,584,356	3,633,449	3,506,083	3,408,687	3,867,038	4,091,937	4,003,627	49,300,810
ACTUAL AMOUNTS (OWNERSHIP SHARE)													
Generation Operation & Maintenance	0	0	0	0	0	0	0	0	0	0	0	0	0
Generation Capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Transmission Capital	0	0	0	0	0	0	0	0	0	0	0	0	0
ALLOCATED 50/35/15	0												
TOTAL	6,446,647	6,782,468	7,716,592	8,065,152	7,044,794	7,354,356	6,360,654	6,233,266	6,135,870	6,594,221	6,819,120	6,730,810	82,283,950

MSR PUBLIC POWER AGENCY PROJECTED DEBT SERVICE CALCULATION

<u>Debt Service Requirements</u>	2020	2021
Series 2018R Bonds Interest Expense	3,063,750	1,950,500
Series 2018R Bonds Principal Expense	24,685,000	25,797,500
Total Debt Service	27,748,750	27,748,000
Operating Revenue	82,232,802	82,283,944
Other Revenue	900,000	800,000
Operating Expense	(82,232,802)	(82,283,950)
Interest Expense included in Operating Expenses	3,063,750	1,950,500
Debt Service Principal included in Operating Expenses	24,685,000	25,797,500
Capital included in Operating Expenses	-	-
San Juan Reclamation Trust included in Operating Expense	3,300,000	3,300,000
Subtotal - Net Revenue	31,948,750	31,847,994
Debt Service Coverage	1.151	1.148
Required Debt Service Coverage	1.100	1.100
Net Revenue Required (110% of Debt Service)	30,523,625	30,522,800
Net Revenue	31,948,750	31,847,994
Additional Revenue Required for Coverage	(1,425,125)	(1,325,194)

MSR PUBLIC POWER AGENCY 2020 BUDGET

ACTIVITY Operating Revenue

Account Code	DESCRIPTION	2019 REVISED BUDGET	YTD ESTIMATED 12/31/19	2020 JAN-JUN BUDGET	2020 JUL-DEC BUDGET	2020 TOTAL BUDGET	2021 JAN-JUN BUDGET	2021 JUL-DEC BUDGET	2021 PROJECTED BUDGET
	Modesto Irrigation District	\$30,219,683	\$29,565,215	\$15,809,704	\$14,498,541	\$30,308,245	\$15,838,029	\$14,500,824	\$30,338,853
	City of Santa Clara	34,952,473	33,346,620	18,481,426	16,388,662	34,870,088	18,499,521	16,388,963	34,888,484
	City of Redding	17,139,690	16,176,964	9,067,886	7,986,583	17,054,469	9,072,459	7,984,148	17,056,607

\$82,311,846	\$79,088,799	\$43,359,016	\$38,873,786	\$82,232,802	\$43,410,009	\$38,873,935	\$82,283,944
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**MSR PUBLIC POWER AGENCY
2020 BUDGET**

ACTIVITY Other Revenue

Account Code	DESCRIPTION	2019 REVISED BUDGET	YTD ESTIMATED 12/31/19	2020 JAN JUN BUDGET	2020 JUL-DEC BUDGET	2020 TOTAL BUDGET	2021 JAN-JUN BUDGET	2021 JUL-DEC BUDGET	2021 PROJECTE D BUDGET
750130.4190000	Interest Income - General Fund	\$200,000	\$400,000	\$300,000	\$300,000	\$600,000	\$300,000	\$300,000	\$600,000
750131.4190000	Interest Income - Reserve Funds	200,000	275,000	150,000	150,000	300,000	100,000	100,000	200,000

\$400,000	\$675,000	\$450,000	\$450,000	\$900,000	\$400,000	\$400,000	\$800,000
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MSR PUBLIC POWER AGENCY 2020 BUDGET

ACTIVITY

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Account Code	DESCRIPTION	2019 REVISED BUDGET	YTD ESTIMATED 12/31/19	2020 JAN-JUN BUDGET	2020 JUL-DEC BUDGET	2020 TOTAL BUDGET	2021 JAN-JUN BUDGET	2021 JUL-DEC BUDGET	2021 PROJECTED BUDGET
302301.9230000	San Juan Audit Fees-Moved to A&G	0	0	0	0	0	0	0	0
301303.4081000 *	Reclamation Agent	49,000	12,769	21,000	21,000	42,000	21,500	21,500	43,000
301303.5060000 *	San Juan Decommissioning/Enviromental Insurance	60,000	70,259	30,000	30,000	60,000	30,000	30,000	60,000
	** Debt Service Coverage Fund	3,300,000	3,300,000	1,650,000	1,650,000	3,300,000	1,650,000	1,650,000	3,300,000

* These cost are not included in revenue and will paid from former San Juan Working Capital Resolution 2016-04

** Debt Service Coverage Fund Moved from Other Revenue to Generation Plant Cost in order to be included in funds applied

\$3,409,000	\$3,383,028	\$1,701,000	\$1,701,000	\$3,402,000	\$1,701,500	\$1,701,500	\$3,403,000
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MSR PUBLIC POWER AGENCY 2020 BUDGET

ACTIVITY Purchase Power

Account Code	DESCRIPTION	2019 REVISED BUDGET	YTD ESTIMATED 12/31/19	2020 JAN-JUN BUDGET	2020 JUL-DEC BUDGET	2020 TOTAL BUDGET	2021 JAN-JUN BUDGET	2021 JUL-DEC BUDGET	2021 PROJECTED BUDGET
504313.55500xx	Purchase Power-Big Horn 1	\$34,604,806	\$32,064,711	\$18,686,702	\$15,681,589	\$34,368,291	\$18,686,702	\$15,681,589	\$34,368,291
504313.5550012	Purchase Power-Big Horn 2	14,802,650	14,330,946	8,081,087	6,811,184	14,892,271	8,103,287	6,829,232	14,932,519

\$49,407,456	\$46,395,657	\$26,767,789	\$22,492,773	\$49,260,562	\$26,789,989	\$22,510,821	\$49,300,810
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MSR PUBLIC POWER AGENCY 2020 BUDGET

ACTIVITY Agency Administration & General

Account Code	DESCRIPTION	2019 REVISED BUDGET	YTD ESTIMATED 12/31/19	2020 JAN-JUN BUDGET	2020 JUL-DEC BUDGET	2020 TOTAL BUDGET	2021 JAN-JUN BUDGET	2021 JUL-DEC BUDGET	2021 PROJECTED BUDGET
701202.9250000	General Insurance	\$116,000	\$133,640	\$189,400	\$0	\$189,400	\$223,650	\$0	\$223,650
701206.9210000	Postage	100	0	50	50	100	50	50	100
701207.9210000	Office Supplies	100	0	50	50	100	50	50	100
701209.9230000	Registration License	19,000	8,804	6,675	6,675	13,350	7,225	7,225	14,450
701301.9230000	Audit Fees	50,000	57,700	41,500	20,000	61,500	41,500	10,000	51,500
710310.9230000	Administration Services	70,000	65,000	35,000	35,000	70,000	35,000	35,000	70,000
701315.9230000	Bank Fees	6,000	9,800	5,000	5,000	10,000	5,000	5,000	10,000

Audit Fees includes the budget and estimated cost
for the San Juan Audit

\$261,200	\$274,944	\$277,675	\$66,775	\$344,450	\$312,475	\$57,325	\$369,800
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MSR PUBLIC POWER AGENCY 2020 BUDGET

ACTIVITY Agency Debt Administrative

Account Code	DESCRIPTION	2019 REVISED BUDGET	YTD ESTIMATED 12/31/19	2020 JAN-JUN BUDGET	2020 JUL-DEC BUDGET	2020 TOTAL BUDGET	2021 JAN-JUN BUDGET	2021 JUL-DEC BUDGET	2021 PROJECTED BUDGET
702204.9230000	Arbitrage Rebate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
702303.9230000	Bond Counsel	10,000	0	5,000	5,000	10,000	5,000	5,000	10,000
702303.9230001	Bond Counsel-Other	0	0	0	0	0	0	0	0
702308.9230000	Financial Services	30,000	21,500	12,500	12,500	25,000	12,500	12,500	25,000
702314.9230000	Trustee Fees	15,000	14,304	7,500	7,500	15,000	7,500	7,500	15,000

\$55,000	\$35,804	\$25,000	\$25,000	\$50,000	\$25,000	\$25,000	\$50,000
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MSR PUBLIC POWER AGENCY 2020 BUDGET

ACTIVITY Consulting/Engineering

Account Code	DESCRIPTION	2019 REVISED BUDGET	YTD ESTIMATED 12/31/19	2020 JAN-JUN BUDGET	2020 JUL-DEC BUDGET	2020 TOTAL BUDGET	2021 JAN-JUN BUDGET	2021 JUL-DEC BUDGET	2021 PROJECTED BUDGET
302304.9230000	Generation	\$20,000	\$32,224	\$10,500	\$10,500	\$21,000	\$10,500	\$10,500	\$21,000
302304.9230001	Generation-Other	0	0	0	0	0	0	0	0
503304.9230000	Renewable	70,000	69,970	25,000	25,000	50,000	25,000	25,000	50,000
503304.9230001	Renewable -Other	95,004	45,728	35,000	35,000	70,000	35,000	35,000	70,000
601304.9230000	Regulatory & Compliance	10,000	0	0	0	0	0	0	0
701304.9230000	Administrative & General	25,000	15,736	10,000	10,000	20,000	10,000	10,000	20,000
701304.9230001	Administrative & General-Other	0	0	0	0	0	0	0	0
		\$220,004	\$163,658	\$80,500	\$80,500	\$161,000	\$80,500	\$80,500	\$161,000

MSR PUBLIC POWER AGENCY 2020 BUDGET

ACTIVITY Coordinating Services

Account Code	DESCRIPTION	2019 REVISED BUDGET	YTD ESTIMATED 12/31/19	2020 JAN-JUN BUDGET	2020 JUL-DEC BUDGET	2020 TOTAL BUDGET	2021 JAN-JUN BUDGET	2021 JUL-DEC BUDGET	2021 PROJECTED BUDGET
302311.5560000	Generation	\$0	\$41,758	\$0	\$0	\$0	\$0	\$0	\$0
503311.5560000	Renewable	450,000	437,596	232,500	232,500	465,000	237,500	237,500	475,000

2018 Forward, Coordinator costs are allocated to members based on contract count.
Big Horn 1 (3 contracts), Big Horn (2 contracts).
Modesto 40%, Santa Clara 40%, Redding 20%

\$450,000	\$479,354	\$232,500	\$232,500	\$465,000	\$237,500	\$237,500	\$475,000
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**MSR PUBLIC POWER AGENCY
2020 BUDGET**

ACTIVITY General Counsel

Account Code	DESCRIPTION	2019 REVISED BUDGET	YTD ESTIMATED 12/31/19	2020 JAN-JUN BUDGET	2020 JUL-DEC BUDGET	2020 TOTAL BUDGET	2021 JAN-JUN BUDGET	2021 JUL-DEC BUDGET	2021 PROJECTED BUDGET
302305.9230000	Generation	\$20,000	\$13,799	\$7,500	\$7,500	\$15,000	\$7,500	\$7,500	\$15,000
503305.9230000	Renewable	2,000	3,051	1,000	1,000	2,000	1,000	1,000	2,000
601305.9230000	Regulatory & Compliance	2,000	0	500	500	1,000	500	500	1,000
701305.9230000	Administrative & General	30,000	15,200	15,000	15,000	30,000	15,000	15,000	30,000

\$54,000	\$32,050	\$24,000	\$24,000	\$48,000	\$24,000	\$24,000	\$48,000
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**MSR PUBLIC POWER AGENCY
2020 BUDGET**

ACTIVITY General Manager

Account Code	DESCRIPTION	2019 REVISED BUDGET	YTD ESTIMATED 12/31/19	2020 JAN-JUN BUDGET	2020 JUL-DEC BUDGET	2020 TOTAL BUDGET	2021 JAN-JUN BUDGET	2021 JUL-DEC BUDGET	2021 PROJECTED BUDGET
302306.9230000	Generation	\$80,000	\$96,215	\$50,000	\$50,000	\$100,000	\$50,000	\$50,000	\$100,000
503306.9230000	Renewable	60,000	53,835	30,000	30,000	60,000	30,000	30,000	60,000
601306.9230000	Regulatory & Compliance	40,000	34,008	20,000	20,000	40,000	20,000	20,000	40,000
701306.9230000	Administrative & General	120,000	73,915	50,000	50,000	100,000	50,000	50,000	100,000

\$300,000	\$257,973	\$150,000	\$150,000	\$300,000	\$150,000	\$150,000	\$300,000
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**MSR PUBLIC POWER AGENCY
2020 BUDGET**

ACTIVITY Outside Legal Services

Account Code	DESCRIPTION	2019 REVISED BUDGET	YTD ESTIMATED 12/31/19	2020 JAN-JUN BUDGET	2020 JUL-DEC BUDGET	2020 TOTAL BUDGET	2021 JAN-JUN BUDGET	2021 JUL-DEC BUDGET	2021 PROJECTED BUDGET
302309.9230000	Generation	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
302309.9230001	Generation-Other	\$1,000	\$11,066	\$7,500	\$7,500	\$15,000	\$500	\$500	\$1,000
503309.9230000	Renewable	35,000	12,933	12,500	12,500	25,000	12,500	12,500	25,000
503309.9230001	Renewable -Other	300,000	185,069	137,500	137,500	275,000	137,500	137,500	275,000
601309.9230000	Regulatory & Compliance	225,000	264,125	87,500	87,500	175,000	87,500	87,500	175,000
701309.9230000	Administrative & General	5,000	102	1,000	1,000	2,000	1,000	1,000	2,000
701309.9230001	Administrative & General-Other	0	0	0	0	0	0	0	0

\$571,000	\$473,295	\$246,000	\$246,000	\$492,000	\$239,000	\$239,000	\$478,000
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**MSR PUBLIC POWER AGENCY
2020 BUDGET**

ACTIVITY Outside Service

Account Code	DESCRIPTION	2019 REVISED BUDGET	YTD ESTIMATED 12/31/19	2020 JAN-JUN BUDGET	2020 JUL-DEC BUDGET	2020 TOTAL BUDGET	2021 JAN-JUN BUDGET	2021 JUL-DEC BUDGET	2021 PROJECTED BUDGET
302312.9230000	Generation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
503312.9230000	Renewable	24,000	16,673	11,500	11,500	23,000	11,500	11,500	23,000
601312.9230000	Regulatory & Compliance	19,000	13,993	9,500	9,500	19,000	9,500	9,500	19,000
701312.9230000	Administrative & General	9,840	8,048	8,670	8,370	17,040	3,670	3,670	7,340

\$52,840	\$38,714	\$29,670	\$29,370	\$59,040	\$24,670	\$24,670	\$49,340
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**MSR PUBLIC POWER AGENCY
2020 BUDGET**

ACTIVITY Travel & Meetings

Account Code	DESCRIPTION	2019 REVISED BUDGET	YTD ESTIMATED 12/31/19	2020 JAN-JUN BUDGET	2020 JUL-DEC BUDGET	2020 TOTAL BUDGET	2021 JAN-JUN BUDGET	2021 JUL-DEC BUDGET	2021 PROJECTED BUDGET
302203.9210000	Generation	\$1,000	\$1,000	\$500	\$500	\$1,000	\$500	\$500	\$1,000
503203.9210000	Renewable	2,000	0	1,000	1,000	2,000	1,000	1,000	2,000
701203.9210000	Administrative & General	1,000	0	500	500	1,000	500	500	1,000

\$4,000	\$1,000	\$2,000	\$2,000	\$4,000	\$2,000	\$2,000	\$4,000
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MSR PUBLIC POWER AGENCY 2020 BUDGET

ACTIVITY Other Expenditures

Account Code	DESCRIPTION	2019 REVISED BUDGET	YTD ESTIMATED 12/31/19	2020 JAN-JUN BUDGET	2020 JUL-DEC BUDGET	2020 TOTAL BUDGET	2021 JAN-JUN BUDGET	2021 JUL-DEC BUDGET	2021 PROJECTE D BUDGET
750160.427xxx	Interest Expense-Generation	\$4,008,850	\$4,008,850	\$1,773,875	\$1,289,875	\$3,063,750	\$1,289,875	\$660,625	\$1,950,500
100000.221xxx	Principal Payments-Generation	23,627,500	23,627,500	12,100,000	12,585,000	24,685,000	12,585,000	13,212,500	25,797,500

\$27,636,350	\$27,636,350	\$13,873,875	\$13,874,875	\$27,748,750	\$13,874,875	\$13,873,125	\$27,748,000
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2020 MSR PURCHASE POWER BUDGET

	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>TOTAL</u>
RENEWABLE, Big Horn I	2,452,219	2,625,610	3,422,594	3,745,379	3,078,326	3,362,577	2,690,392	2,610,368	2,369,387	2,638,486	2,738,552	2,634,403	34,368,293
RENEWABLE, Big Horn II	1,221,120	1,383,039	1,519,733	1,545,424	1,193,272	1,218,499	940,685	893,497	1,036,614	1,225,249	1,349,676	1,365,463	14,892,270
TOTAL MSR	3,673,338	4,008,649	4,942,326	5,290,803	4,271,598	4,581,075	3,631,077	3,503,866	3,406,000	3,863,736	4,088,228	3,999,866	49,260,563

2020 MSR PURCHASE POWER BUDGET

			<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>TOTAL</u>
<u>Renewable Power (PPM) Big Horn I</u>															
12.5% of contract.	MID	MWh	4,491	4,837	6,427	7,071	5,740	6,307	4,966	4,806	4,326	4,862	5,062	4,854	63,750
52.5% of contract.	SNCL	MWh	18,861	20,315	26,993	29,698	24,108	26,490	20,857	20,187	18,167	20,422	21,261	20,388	267,750
35.0% of contract.	REDD	MWh	12,574	13,543	17,996	19,799	16,072	17,660	13,905	13,458	12,112	13,615	14,174	13,592	178,500
		TOTAL MWh (1)	35,927	38,694	51,416	56,568	45,921	50,458	39,728	38,451	34,604	38,900	40,497	38,835	510,000
Dollars (Energy + F&S)	MID	\$	285,073	307,035	407,980	448,863	364,375	400,378	315,240	305,104	274,582	308,666	321,348	308,149	4,046,794
	SNCL	\$	1,179,390	1,270,248	1,687,871	1,857,012	1,507,473	1,656,422	1,304,194	1,262,261	1,135,986	1,276,995	1,329,400	1,274,856	16,742,110
	REDD	\$	786,260	846,832	1,125,248	1,238,008	1,004,982	1,104,281	869,463	841,508	757,324	851,330	886,309	849,904	11,161,448
Dollars (WIC Rate)	MID	\$	25,187	25,187	25,187	25,187	25,187	25,187	25,187	25,187	25,187	25,187	25,187	25,187	302,243
	SNCL	\$	105,785	105,785	105,785	105,785	105,785	105,785	105,785	105,785	105,785	105,785	105,785	105,785	1,269,419
	REDD	\$	70,523	70,523	70,523	70,523	70,523	70,523	70,523	70,523	70,523	70,523	70,523	70,523	846,279
		TOTAL \$	2,452,219	2,625,610	3,422,594	3,745,379	3,078,326	3,362,577	2,690,392	2,610,368	2,369,387	2,638,486	2,738,552	2,634,403	34,368,293
<u>Renewable Power (PPM) Big Horn II</u>															
65.0% of contract.	MID	MWh	6,108	7,091	7,921	8,077	5,939	6,092	4,406	4,119	4,988	6,133	6,889	6,985	74,750
35.0% of contract.	SNCL	MWh	3,289	3,818	4,265	4,349	3,198	3,281	2,372	2,218	2,686	3,303	3,709	3,761	40,250
0.0% of contract.	REDD	MWh	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL MWh (2)	9,397	10,910	12,187	12,427	9,137	9,373	6,778	6,337	7,674	9,436	10,598	10,746	115,000
Dollars (Energy + See Note 4	MID	\$	653,945	759,193	848,044	864,743	635,844	652,242	471,663	440,991	534,016	656,630	737,507	747,768	8,002,586
	SNCL	\$	352,124	408,796	456,639	465,631	342,378	351,207	253,972	237,457	287,547	353,570	397,119	402,644	4,309,085
Dollars (WIC Rate)	MID	\$	34,125	34,125	34,125	34,125	34,125	34,125	34,125	34,125	34,125	34,125	34,125	34,125	409,500
	SNCL	\$	18,375	18,375	18,375	18,375	18,375	18,375	18,375	18,375	18,375	18,375	18,375	18,375	220,500
Dollars (Transmission Service	MID	\$	105,658	105,658	105,658	105,658	105,658	105,658	105,658	105,658	105,658	105,658	105,658	105,658	1,267,890
	SNCL	\$	56,893	56,893	56,893	56,893	56,893	56,893	56,893	56,893	56,893	56,893	56,893	56,893	682,710
		TOTAL \$	1,221,120	1,383,039	1,519,733	1,545,424	1,193,272	1,218,499	940,685	893,497	1,036,614	1,225,249	1,349,676	1,365,463	14,892,270
		MSR TOTAL	3,673,338	4,008,649	4,942,326	5,290,803	4,271,598	4,581,075	3,631,077	3,503,866	3,406,000	3,863,736	4,088,228	3,999,866	49,260,563

NOTES:

(1) Renewable Power projected output forecast and pricing projections for 2020 & 2021 as per Martin Hopper email dated 10/23/2019 (spreadsheet: "Big Horn I Projections 2020.xlsx" and "Big Horn II Projections 2020.xlsx")

(2) Big Horn II Dollars include \$/MWh charges for Energy per PPA Annex H, Assumes escalation of 2% on \$15/MWh effective 1-1-11; Redelivery per RA Section 2.6.1; Transmission Losses, RA Section 2.6.3 - assumes BPATS Incremental Replacement Power at \$60/MWh; and Operating Reserves per RA Section 2.6.4

2021 MSR PURCHASE POWER BUDGET

	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>TOTAL</u>
RENEWABLE, Big Horn I	2,452,219	2,625,610	3,422,594	3,745,379	3,078,326	3,362,577	2,690,392	2,610,368	2,369,387	2,638,486	2,738,552	2,634,403	34,368,293
RENEWABLE, Big Horn II	1,224,409	1,386,858	1,523,998	1,549,773	1,196,470	1,221,779	943,057	895,715	1,039,299	1,228,552	1,353,385	1,369,224	14,932,520
TOTAL MSR	3,676,627	4,012,468	4,946,591	5,295,152	4,274,796	4,584,356	3,633,450	3,506,084	3,408,686	3,867,038	4,091,937	4,003,627	49,300,813

2021 MSR PURCHASE POWER BUDGET

			<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>TOTAL</u>
Renewable Power (PPM) Big Horn I															
12.5% of contract.	MID	MWh	4,491	4,837	6,427	7,071	5,740	6,307	4,966	4,806	4,326	4,862	5,062	4,854	63,750
52.5% of contract.	SNCL	MWh	18,861	20,315	26,993	29,698	24,108	26,490	20,857	20,187	18,167	20,422	21,261	20,388	267,750
35.0% of contract.	REDD	MWh	12,574	13,543	17,996	19,799	16,072	17,660	13,905	13,458	12,112	13,615	14,174	13,592	178,500
		TOTAL MWh (1)	35,927	37,992	53,965	55,855	48,984	50,669	39,315	40,786	34,729	38,715	41,106	39,739	510,000
Dollars (Energy + F&S)															
	MID	\$	285,073	307,035	407,980	448,863	364,375	400,378	315,240	305,104	274,582	308,666	321,348	308,149	4,046,794
	SNCL	\$	1,179,390	1,270,248	1,687,871	1,857,012	1,507,473	1,656,422	1,304,194	1,262,261	1,135,986	1,276,995	1,329,400	1,274,856	16,742,110
	REDD	\$	786,260	846,832	1,125,248	1,238,008	1,004,982	1,104,281	869,463	841,508	757,324	851,330	886,309	849,904	11,161,448
Dollars (WIC Rate)															
	MID	\$	25,187	25,187	25,187	25,187	25,187	25,187	25,187	25,187	25,187	25,187	25,187	25,187	302,243
	SNCL	\$	105,785	105,785	105,785	105,785	105,785	105,785	105,785	105,785	105,785	105,785	105,785	105,785	1,269,419
	REDD	\$	70,523	70,523	70,523	70,523	70,523	70,523	70,523	70,523	70,523	70,523	70,523	70,523	846,279
		TOTAL \$	2,452,219	2,625,610	3,422,594	3,745,379	3,078,326	3,362,577	2,690,392	2,610,368	2,369,387	2,638,486	2,738,552	2,634,403	34,368,293
Renewable Power (PPM) Big Horn II															
65.0% of contract.	MID	MWh	6,108	7,091	7,921	8,077	5,939	6,092	4,406	4,119	4,988	6,133	6,889	6,985	74,750
35.0% of contract.	SNCL	MWh	3,289	3,818	4,265	4,349	3,198	3,281	2,372	2,218	2,686	3,303	3,709	3,761	40,250
0.0% of contract.	REDD	MWh	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL MWh (2)	9,397	10,910	12,187	12,427	9,137	9,373	6,778	6,337	7,674	9,436	10,598	10,746	115,000
Dollars (Energy + See Note 4)															
	MID	\$	656,083	761,675	850,816	867,570	637,923	654,374	473,205	442,433	535,762	658,776	739,918	750,213	8,028,748
	SNCL	\$	353,276	410,133	458,132	467,153	343,497	352,355	254,802	238,233	288,487	354,726	398,417	403,961	4,323,172
<u>Dollars (WIC Rate)</u>															
	MID	\$	34,125	34,125	34,125	34,125	34,125	34,125	34,125	34,125	34,125	34,125	34,125	34,125	409,500
	SNCL	\$	18,375	18,375	18,375	18,375	18,375	18,375	18,375	18,375	18,375	18,375	18,375	18,375	220,500
Dollars (Transmission Service)															
	MID	\$	105,658	105,658	105,658	105,658	105,658	105,658	105,658	105,658	105,658	105,658	105,658	105,658	1,267,890
	SNCL	\$	56,893	56,893	56,893	56,893	56,893	56,893	56,893	56,893	56,893	56,893	56,893	56,893	682,710
		TOTAL \$	1,224,409	1,386,858	1,523,998	1,549,773	1,196,470	1,221,779	943,057	895,715	1,039,299	1,228,552	1,353,385	1,369,224	14,932,520
MSR TOTAL			3,676,627	4,012,468	4,946,591	5,295,152	4,274,796	4,584,356	3,633,450	3,506,084	3,408,686	3,867,038	4,091,937	4,003,627	49,300,813

NOTES:

(1) Renewable Power projected output forecast and pricing projections for 2020 & 2021 as per Martin Hopper email dated 10/23/2019 (spreadsheet: "Big Horn I Projections 2020.xlsx" and "Big Horn II Projections 2020.xlsx")

(2) Big Horn II Dollars include \$/MWh charges for Energy per PPA Annex H, Assumes escalation of 2% on \$15/MWh effective 1-1-11; Redelivery per RA Section 2.6.1; Transmission Losses, RA Section 2.6.3 - assumes BPATS Incremental Replacement Power at \$60/MWh; and Operating Reserves per RA Section 2.6.4

M-S-R PPA 2020 Budget Detail								
Description	2017 Actual	2018 Actual	2019 Budget Mid-Year	2019 YTD	2019 Expected	2020	2021	Notes
GENERATION ADMINISTRATION & GENERAL								
Generation Plant Cost:								
PNM Reclamation Agent	-	41,805	49,000	9,557	12,769	42,000	43,000	Paid from Operating Funds - No Revenue in Budget (Paid from former San Juan Working Capital - Reso 2016-04)
PNM "Continuing Coverage Insurance" re Decommissioning/Environmental Liabilities		87,138	60,000	55,259	70,259	60,000	60,000	Paid from Operating Funds - No Revenue in Budget (Paid from former San Juan Working Capital - Reso 2016-04)
Trusts (Not In Annual Budget)								
Mine Reclamation - SJCC	-	554,118	449,000	513,886	695,772	1,033,000	975,000	Paid from Trust - Projection per WSJM AOP
Plant Decommissioning	-	98,053	38,327	53,322	71,096	50,000	50,000	Paid from Trust - No official projection for 2020 & 2021 per PNM - allow for updates to Decomm Study
TOTAL	-	781,114	596,327	632,024	849,896	1,185,000	1,128,000	

M-S-R PPA 2020 Budget Detail

Description	2017 Actual	2018 Actual	2019 Budget Mid-Year	2019 YTD	2019 Expected	2020	2021	Notes
AGENCY ADMINISTRATION & GENERAL								
Registration/Licenses								
APPA	4,170	3,925	7,100	1,855	1,855	2,150	3,250	Historical: Dues and Annual Mtg, Leg Rally, JPA Workshop, CEO Roundtable, and Legal & Reg Registration. 2019 Attended CEO Roundtable Only. Going Forward: Annual Dues (\$650) & Meetings per GM Meeting Report - See below. Dues, Annual Mtg & Leg Day Registration - Note: Annual Mtg not attended 2019. All per GM Meeting Report Municipal Information Systems Association of California Dues and Annual Mtg Registration - Eliminate per GM Meeting Report. Annual Mtg per GM Meeting Report - Includes L&R mtg. Annual Dues commencing 2013. Dues have been subsequently waived but WSPP reserves right to resume annually.
CMUA	5,889	6,237	8,000	6,819	6,819	8,000	8,000	
MISAC	160	130	200	130	130	200	200	
NWPPA		-	1,700	-	-	-	-	
NCPA		945	-			1,000	1,000	
WSPP Dues	-	-	2,000	-	-	2,000	2,000	
TOTAL	10,219	11,237	19,000	8,804	8,804	13,350	14,450	

GM Meeting Report Recommended Attendance subject to review of programs for relevance:

Event:	Budget:	Notes:
APPA - CEO Roundtable:	Reg: ~ \$1100	2020 Conflicts with CMUA Annual Mtg - Consider 2021 Dependent on Program
APPA - Annual Mtg	Reg: ~ \$800	Consider Dependent on Program
APPA - Public Power Forward	Reg: ~ \$700	Consider Dependent on Program

M-S-R PPA 2020 Budget Detail								
Description	2017 Actual	2018 Actual	2019 Budget Mid-Year	2019 YTD	2019 Expected	2020	2021	Notes
AGENCY DEBT ADMINISTRATIVE								
Arbitrage Rebate								
Arbitrage Rebate	-	-	-	-	-	-	-	Arbitrage Rebates Paid
Bond Counsel								
Orrick Herrington		-	10,000	-	-	10,000	10,000	General support. 2018R Bonds was C.O.I. San Juan & SWTP divestiture items
Orrick Herrington - Other		-	-	-	-	-	-	
TOTAL		-	10,000	-	-	10,000	10,000	
Financial Services								
BLX	-	16,750	-	4,000	4,000	-	-	Arbitrage Review and MCDC Review. Next arbitrage review in 2022. Additional work in 2013 re SJGS Restructuring. Direct Pay re Series 2008 M&N Bonds to be refinanced in 2014, 2017 & 2018. Any work related to 2018R from proceeds.
Montague DeRose	24,154	7,375	15,000	-	-	15,000	15,000	
Moody's	6,750	-	-	-	-	-	-	
Standard & Poors	-	-	15,000	15,000	15,000	15,000	15,000	
TOTAL	30,904	24,125	30,000	19,000	19,000	30,000	30,000	
Trustee Fees								
Trustee Fees	24,201	26,000	15,000	9,536	14,304	15,000	15,000	Includes Fees on Trusts
GRAND TOTAL	55,105	50,125	55,000	28,536	33,304	55,000	55,000	

M-S-R PPA 2020 Budget Detail

Description	2017 Actual	2018 Actual	2019 Budget Mid-Year	2019 YTD	2019 Expected	2020	2021	Notes
CONSULTING/ENGINEERING								
Generation								
Navigant	5,916	-	-	-	-	-	-	No ongoing activity anticipated.
Navigant - Other								
KBT	144,623	79,954	30,000	24,168	32,224	21,000	21,000	Hockenson. Note: Higher efforts in 2013, 2014, & 2015 re San Juan negotiations. 2019 Actual @ 13 hrs/mo avg. 2020 & 2021 @ 8 hrs/mo - primarily re Decomm C'tee. If additional activity required for FMN/Enchant negotiations will make sperate allocation to KBT - Other.
KBT - Other	-	-	-	-	-	-	-	Any activity required for FMN/Enchant negotiations will make special allocation here - scope not known at this time.
Mayson/North State Consulting								
Mayson - Other								
Others - Other	-	-	-	-	-	-	-	MID/Ferguson Group. Federal legislative advocacy & APPA Leg Rally support moved to Outside Services for 2016 & 2017 and beyond.
TOTAL	150,539	79,954	30,000	24,168	32,224	21,000	21,000	
Renewable								
Navigant					-			
Navigant - Other	19,002	-	25,000	-	-	-	-	If Arther retires would include analytic support of BPA Rate case activities by Cohen - Would transfer funding from Renewable - Other - KBT. Included REC and BH Repowering Study on 2017.
KBT	100,699	68,992	70,000	52,477	69,970	50,000	50,000	2019: ALH \$20k Negos and \$50k regular 2020 & 2021: \$50k which supports 20 hrs/mo.
KBT - Other - BPA Rate Case	49,230	58,960	70,000	30,485	45,728	70,000	70,000	Arthur - Rate Cases - primary. Note 2020 will include pre-BPA 22 workshops.
KBT - Other - OMP	-	-	-	-	-	-	-	Arthur - OMP
Mayson/North State Consulting								Support BPA Rate Case
Mayson - Other - Rate Case	-	-	-	-	-	-	-	Support BPA Rate Case
Mayson - Other - OMP	-	-	-	-	-	-	-	Support OMP Litigation
Others - Other								
TOTAL	168,931	127,952	165,000	82,962	115,698	120,000	120,000	
Administrative & General								
Navigant	5,638	3,324	5,000	2,141	3,212	5,000	5,000	Misc support and meeting services.
KBT	33,285	42,348	20,000	9,393	12,524	15,000	15,000	General support. Major Policy Manual revisions in 2018. Note: 2019 Suspension of mtg support continued into 2020 & 2021. Includes GM Back-up per GM Succession Plan.
Mayson/North State Consulting								
Others - Other								
TOTAL	38,923	45,672	25,000	11,534	15,736	20,000	20,000	
Regulatory & Compliance								
Navigant			10,000	-	-	-	-	Support FERC Counsel as requested none anticipated going forward given ramp-down in GC activities.
KBT								
Mayson/North State Consulting								
Others - Other								
TOTAL	-	-	10,000	-	-	-	-	
GRAND TOTALS	365,685	253,578	230,000	118,664	163,658	161,000	161,000	
BY CONTRACTOR:								
Navigant	18,846	3,324	15,000	2,141	3,212	5,000	5,000	
Navigant - Other	19,002	-	25,000	-	-	-	-	
KBT	278,607	191,294	120,000	86,038	114,718	86,000	86,000	
KBT - Other	49,230	58,960	70,000	30,485	45,728	70,000	70,000	
Mayson/North State Consulting	-	-	-	-	-	-	-	
Flynn, Ferguson Group - Other	-	-	-	-	-	-	-	
TOTAL	365,685	253,578	230,000	118,664	163,658	161,000	161,000	
BY FUNCTION:								
Generation	150,539	79,954	30,000	24,168	32,224	21,000	21,000	
Generation - Other	-	-	-	-	-	-	-	
Transmission	7,292	-	-	-	-	-	-	
Transmission - Other	-	-	-	-	-	-	-	
Renewables	100,699	68,992	70,000	52,477	69,970	50,000	50,000	
Renewables - Other	68,232	58,960	95,000	30,485	45,728	70,000	70,000	
Administrative and General	38,923	45,672	25,000	11,534	15,736	20,000	20,000	
Administrative and General Other	-	-	-	-	-	-	-	
Regulatory & Compliance	-	-	10,000	-	-	-	-	
TOTAL	365,685	253,578	230,000	118,664	163,658	161,000	161,000	

Note:

M-S-R PPA 2020 Budget Detail								
Description	2017 Actual	2018 Actual	2019 Budget Mid-Year	2019 YTD	2019 Expected	2020	2021	Notes
COORDINATING SERVICES	664,140	479,354	450,000	340,100	453,467	465,000	475,000	Jan & Feb 2018 on old allocations and include San Juan final checkouts etc. Mar 2018 forward at new rate and contract count basis.
Generation	249,052	41,758	-	41,758	41,758	-	-	
Transmission								
Renewable	415,087	437,596	450,000	216,796	437,596	465,000	475,000	
Administrative & General								
TOTAL	664,140	479,354	450,000	258,553	479,353	465,000	475,000	
Generation (3/8)								
Modesto 50%	124,526	-	-	20,879	20,879	-	-	Post-SJGS Generation (0/5)
Santa Clara 35%	87,168	-	-	14,615	14,615	-	-	
Redding 15%	37,358	-	-	6,264	6,264	-	-	
Big Horn 1 (3/8)	249,052	287,612	270,000	114,418	262,558	279,000	285,000	Post-SJGS Big Horn 1 (3/5)
Modesto 12.5%	31,132	95,871	90,000	32,702	78,820	93,000	95,000	New Kt Modesto (1/5)
Santa Clara 52.5%	130,753	95,871	90,000	43,142	95,523	93,000	95,000	New Kt Santa Clara (1/5)
Redding 35%	87,168	95,871	90,000	38,574	88,215	93,000	95,000	New Kt Redding (1/5)
Big Horn 2 (2/8)	166,035	191,742	180,000	76,279	175,038	186,000	190,000	Post-SJGS Big Horn 2 (2/5)
Modesto 65%	107,923	95,871	90,000	40,749	91,695	93,000	95,000	New Kt Modesto (1/5)
Santa Clara 35%	58,112	95,871	90,000	35,530	83,343	93,000	95,000	New Kt Santa Clara (1/5)
Redding 0%	-	-	-	-	-	-	-	
Total								
Modesto	263,580	191,742	180,000	94,330	191,393	186,000	190,000	Pre-2018 39.69% Post-2018 40.00%
Santa Clara	276,033	191,742	180,000	93,286	193,481	186,000	190,000	41.56% 40.00%
Redding	124,526	95,871	90,000	44,838	94,479	93,000	95,000	18.75% 20.00%
TOTAL	664,140	479,354	450,000	232,455	479,353	465,000	475,000	100.00% 100.00%

M-S-R PPA 2020 Budget Detail

Description	2017 Actual	2018 Actual	2019 Budget Mid-Year	2019 YTD	2019 Expected	2020	2021	Notes
GENERAL COUNSEL								
Generation	33,231	6,985	12,000	10,349	13,799	15,000	15,000	Includes support of SJGS negotiations. Support of Closing of SJGS divestiture in 2017. Legacy liability issues post-2017. Any activity required for FMN/Enchant negotiations will make special allocation here - scope not known at this time.
Transmission	2,343	-	-	-	-	-	-	2014 Review of SWTP Options. 2015 Implementation of RFO and Negotiation of PSA re Meads Interests. Meads sales completed in 2016. Meads APS & NPC releases arose in 2017.
Renewable	2,002	1,320	7,000	2,288	3,051	2,000	2,000	Contract Amends re VERBs and F&S proxy adjustments completed in 2019
Administrative & General	18,569	18,617	30,000	11,445	15,200	30,000	30,000	Support triple historic Tech C'tee mtgs in 2013 and carryover into 2014 & 2015. Return to historic levels in 2016 & 2017
Regulatory & Compliance		330	2,000	-	-	1,000	1,000	Misc Issues
TOTAL	56,145	27,252	51,000	24,082	32,050	48,000	48,000	

Note:

M-S-R PPA 2020 Budget Detail

Description	2017 Actual	2018 Actual	2019 Budget Mid-Year	2019 YTD	2019 Expected	2020	2021	Notes
GENERAL COUNSEL								
Generation	33,231	6,985	12,000	10,349	13,799	15,000	15,000	Includes support of SJGS negotiations. Support of Closing of SJGS divestiture in 2017. Legacy liability issues post-2017. Any activity required for FMN/Enchant negotiations will make special allocation here - scope not known at this time.
Transmission	2,343	-	-	-	-	-	-	2014 Review of SWTP Options. 2015 Implementation of RFO and Negotiation of PSA re Meads Interests. Meads sales completed in 2016. Meads APS & NPC releases arose in 2017.
Renewable	2,002	1,320	7,000	2,288	3,051	2,000	2,000	Contract Amends re VERBs and F&S proxy adjustments completed in 2019
Administrative & General	18,569	18,617	30,000	11,445	15,200	30,000	30,000	Support triple historic Tech C'tee mtgs in 2013 and carryover into 2014 & 2015. Return to historic levels in 2016 & 2017
Regulatory & Compliance		330	2,000	-	-	1,000	1,000	Misc Issues
TOTAL	56,145	27,252	51,000	24,082	32,050	48,000	48,000	

Note:

M-S-R PPA 2020 Budget Detail								
Description	2017 Actual	2018 Actual	2019 Budget	2019 Budget Mid-Year	2019 Expected	2020	2021	Notes
GENERAL MANAGER								
Generation	77,261	63,801	80,000	72,161	96,215	100,000	100,000	
Transmission	5,752	-	-	-	-	-	-	
Renewable	50,640	41,920	60,000	40,376	53,835	60,000	60,000	
Administrative & General	124,370	120,948	120,000	55,436	73,915	100,000	100,000	
Regulatory & Compliance		35,164	40,000	25,506	34,008	40,000	40,000	
TOTAL	258,023	261,833	300,000	193,479	257,972	300,000	300,000	

M-S-R PPA 2020 Budget Detail

Description	2017 Actual	2018 Actual	2019 Budget	2019 Budget Mid-Year	2019 Expected	2020	2021	Notes
LEGAL SERVICES								
Generation								
Duncan Weinberg	7,990	508	-	-	-	-	-	SJSJG FERC-filed Agreements. Fuel & Capital Funding, Restructuring Agreements & SJPPA revisions. Also TEP & PNM IAs and Schedules (2016 or 2017) PNM 205 filing in 2017 re Exit Date Amendment. APS filing and further releases of liability carry over into 2018 - placed in Generation.
Duncan - Other Duncan Weinberg Experts Law Offices of Susie Berlin	59,837	-	-	-	-	-	-	CARB Matters (AB32 Gen'l & Cap and Trade). SB1368 Compliance and GHG reporting issues.
Law Offices of Susie Berlin - Other Richard Virtue/Louis Rose - Other	910	271	14,000	8,300	11,066	15,000	1,000	NMED/EPA Regional Haze. NM-PRC re SJGS Abandonment Case 2019 & 2020.
TOTAL	68,737	779	14,000	8,300	11,066	15,000	1,000	
Renewable								
Duncan Weinberg	66,097	17,445	10,000	-	-	10,000	10,000	Gen'l OMP/BPA Support
Duncan - Other	250,760	277,708	290,000	107,957	185,069	275,000	275,000	BPA Rate Cases including BP-14, BP-16, BP-18, BP-20 & Successors. Scope per BPA Priority matrix.
Duncan Weinberg Experts Law Offices of Susie Berlin	2,682	1,764	20,000	7,544	12,933	15,000	15,000	CEC RPS Regulations (SB1x2) and Implementation
Law Offices of Susie Berlin - Other Louis Rose/Other								
TOTAL	319,539	296,917	320,000	115,501	198,002	300,000	300,000	
Administrative & General								
Duncan Weinberg Duncan - Other Duncan Weinberg Experts Law Offices of Susie Berlin	23,531	5,260	5,000	60	102	2,000	2,000	Misc & CMUA Regulatory C'tee as directed.
Law Offices of Susie Berlin - Other Louis Rose/Other								
TOTAL	23,531	5,260	5,000	60	102	2,000	2,000	
Regulatory & Compliance								
Duncan Weinberg		206,562	150,000	106,016	181,742	100,000	100,000	FERC General overview and daily summaries. Representation on specific matters as directed
Duncan - Other Duncan Weinberg Experts Law Offices of Susie Berlin		65,321	75,000	48,057	82,383	75,000	75,000	CARB Matters, Scoping Plan, Cap & Trade Regulation (AB32 et al), MRR, Allowances, SB1368 Compliance, & RPS Adjustment issues.
Law Offices of Susie Berlin - Other AF Legal Services AF Legal - Other Louis Rose/Other								
TOTAL	-	271,883	225,000	154,073	264,125	175,000	175,000	
TOTALS	713,671	574,839	564,000	277,934	473,295	492,000	478,000	
BY LAWYER:								
Duncan Weinberg	367,940	224,515	160,000	106,016	181,742	110,000	110,000	
Duncan - Other	258,771	277,708	290,000	107,957	185,069	275,000	275,000	
Duncan Weinberg Experts	-	-	-	-	-	-	-	
Law Offices of Susie Berlin	86,050	72,345	100,000	55,661	95,418	92,000	92,000	
Law Offices of Susie Berlin - Other	-	-	-	-	-	-	-	
AF Legal Services	-	-	-	-	-	-	-	
AF Legal - Other	-	-	-	-	-	-	-	
Louis Rose/Other	910	271	14,000	8,300	11,066	15,000	1,000	
TOTAL	713,671	574,839	564,000	277,934	473,295	492,000	478,000	
BY FUNCTION:								
Generation	67,827	508	-	-	-	-	-	
Generation - Other	910	271	14,000	8,300	11,066	15,000	1,000	
Transmission	293,853	-	-	-	-	-	-	
Transmission - Other	8,011	-	-	-	-	-	-	
Renewable	68,779	19,209	30,000	7,544	12,933	25,000	25,000	
Renewable - Other	250,760	277,708	290,000	107,957	185,069	275,000	275,000	
Admin & General	23,531	5,260	5,000	60	102	2,000	2,000	
Admin & General - Other	-	-	-	-	-	-	-	
Regulatory & Compliance	-	271,883	225,000	154,073	264,125	175,000	175,000	2019 & 2020 possible \$50k for Member Special Services. Target bring in under \$200.
TOTAL	713,671	574,839	564,000	277,934	473,295	492,000	478,000	

Note:

M-S-R PPA 2020 Budget Detail								
Description	2017 Actual	2018 Actual	2019 Budget	2019 Budget Mid-Year	2019 Expected	2020	2021	Notes
OTHER SERVICES								
Generation								
Government Affairs	13,626	-	-	-	-	-	-	State Legislative Advocacy
Consulting/Politico Group	-	-	-	-	-	-	-	Federal legislative advocacy & APPA Leg Rally support - Moved from Consulting starting in FY 2016
Ferguson Group	-	-	-	-	-	-	-	Indices
Platts	1,500	-	-	-	-	-	-	
TOTAL	15,126	-	-	-	-	-	-	
Transmission								
Other	-	-	-	-	-	-	-	
TOTAL	-	-	-	-	-	-	-	
Renewable								
Government Affairs	13,626	13,340	14,000	10,495	13,993	14,000	14,000	State Legislative Advocacy
Consulting/Politico Group	-	-	5,000	-	-	5,000	5,000	Federal legislative advocacy - Moved from Consulting starting in FY 2016 - dependent on emergent Federal issues.
Ferguson Group	-	-	-	-	-	-	-	
WREGIS Transaction Fees	3,413	3,913	5,000	2,010	2,680	4,000	4,000	
Platts	1,500	-	-	-	-	-	-	Indices - all Ren starting 2018. Per C Cardoza, not needed for Ren - uses ICE in 2018.
TOTAL	18,539	17,253	24,000	12,505	16,673	23,000	23,000	
Administrative & General								
Bloomberg Government	5,940	6,030	6,240	4,658	6,210	6,500	6,500	4% Rate Increase effective January 1, 2020. Note: Costs not segregated in records - billed in GM expenses.
Web-Hosting	-	-	-	-	-	-	-	
Web Design/Maintenance	-	-	3,600	-	-	10,000	-	Website redo in 2014 - \$11,870 accrued in 2013. Maint agree signed in 2015 w/Baytech.
Granicus - Form 700	-	-	-	1,838	1,838	1,000	1,000	Includes State of CA in 2019.
TOTAL	5,940	6,030	9,840	6,496	8,048	17,500	7,500	
Regulatory and Compliance								
Government Affairs	-	13,340	14,000	10,495	13,993	14,000	14,000	State Legislative Advocacy - Half to Ren & half to R & C
Consulting/Politico Group	-	-	5,000	-	-	5,000	5,000	Federal legislative advocacy - Moved from Consulting starting in FY 2016 - dependent on emergent Federal issues - Half to Ren & half to R & C
Ferguson Group	-	-	-	-	-	-	-	
TOTAL	-	13,340	19,000	10,495	13,993	19,000	19,000	
GRAND TOTAL	39,605	36,623	52,840	29,495	38,714	59,500	49,500	

Outside Services

M-S-R PPA 2020 Budget Detail

Description	2017 Actual	2018 Actual	2019 Budget Mid-Year	2019 YTD	2019 Expected	2020	2021	Notes
TRAVEL & MEETINGS								
Generation	-	891	1,000	-	1,000	1,000	1,000	Reclamation & Decomm Investment C'tees - De Jong
Transmission								
Renewable	3,364	-	2,000	-	-	2,000	2,000	
Administrative & General	895	-	1,000	-	-	1,000	1,000	
TOTAL	4,259	891	4,000	-	1,000	4,000	4,000	

- 2011 No Trips
- 2012 Big Horn Spring
- 2013 San Juan Spring - Cancelled
- 2014 Big Horn Spring - Cancelled
- 2015 San Juan Fall - Not Scheduled
- 2016 Big Horn Spring - Not Scheduled
- 2017 Big Horn Fall

M-S-R Public Power Agency Staff Report

Date: October 31, 2019
From: Martin R. Hopper, General Manager
To: M-S-R PPA Technical Committee
Subject: General Manager Reports

Please find attached General Manager reports as provided to the Commission or Commissioners as follows:

- September 2019 – Covering August 2019 Activities
- October 2019 – Covering September 2019 Activities

Macintosh HD:Users:martinhopper:My Laptop Documents:M-S-R Public Power Agency:Administrative:Staff Reports:Staff Report re General Manager Reports.doc

M-S-R Public Power Agency Staff Report

Date: September 11, 2019
From: Martin R. Hopper, General Manager
To: M-S-R PPA Commission
Subject: September 2019 General Manager Report

Overview:

This report will provide an overview of the General Manager's major activities and those of specified Agency contractors and consultants. Based on feedback from Commissioners and interested parties, the format and content of these reports will evolve.

General Manager:

Administrative Activities – September 2019 (Approx. 49 hours)

The General Manager reviewed and approved Check Requests prepared by the Administrative Assistant and updated Budget v. Actuals Reports.

Prepared Agenda packages for September meeting of Technical Committee.

Prepared proposed revisions and updates to 2020 Annual M-S-R PPA & EA Strategic Plans.

Reviewed requirements regarding Wildfire Mitigation Plans and prepared reports and proposed Resolutions re same for both M-S-R PPA & EA and reviewed same with Regulatory Counsel.

Reviewed M-S-R EA Forward Delivery Agreement status and prepared draft report and action plan regarding same. Conducted meeting of Financial Management Committee re same and prepared report regarding recommended actions.

The General Manger also provided direction to consultants and counsel re emergent filings and regulatory matters. Reports on reclamation issues, decommissioning activities, and project status were requested and prepared.

Project Activities:

San Juan – August 2019 (Approx 76 hours):

Monitored NM-PRC filings regarding PNM's abandonment filing and coordinated with New Mexico Counsel regarding intervention.

Participated in meeting with SJCC and PNM regarding Reclamation Service Agreement Annual Operating Plan.

Review correspondence and agreements regarding Farmington/Enchant SJGS Project. Meeting and teleconfs w/ Adair re same.

Reviewed Decommissioning Cases and NM-PRC testimony re same. Updated analysis re same.

Big Horn – August 2019 (Approx 29 hours):

Prepare final mark-ups of proposed amendments to Big Horn agreements, coordinate with General Counsel regarding same and transmit to Avangrid. Prepare report and recommendations re same.

Review Big Horn energy production records and trends and develop new format for periodic status reports.

Further review of documents regarding BPA rates and reserve accounting errors and impacts. Teleconfs w/ Scanlon regarding same and provide direction thereon.

Key Meetings – August 2019

PNM and Westmoreland San Juan Mining, PNM, City of Farmington, Farmington, NM August 7 & 8, 2019. Key Issues: Reclamation Annual Operating Plan, Legacy Liability Reclamation Funding Curves, Farmington/Enchant Project, SJGS Decommissioning Costs.

Financial Management Committee - Telephonic, August 19, 2019. Key Issues: Renewal of Natural Gas Project Forward Delivery Agreement.

San Juan Decommissioning Committee – Telephonic, August 22, 2019. Key Issues: San Juan decommissioning scenarios and costs. Need for in-person meeting to review scenarios and impact of Farmington/Enchant Project.

General Consultant:

The General Consultant regularly prepares a summary of his activities as part of his monthly billing process. A copy of General Consultant's August 2019 report is attached regarding 30 hours of support.

BPA Consultant:

Our BPA Consultant, Dr. David Arthur, has prepared a summary of his key activities in August 2019 regarding 8 hours of support is attached.

Other Contractors and Counsel:

FERC Counsel, BPA Counsel, and Regulatory Counsel status reports will be prepared at a similar level of detail to the General Consultant's Monthly summary and are under development for initial content.

Macintosh HD:Users:martinhopper:My Laptop Documents:M-S-R Public Power Agency:Administrative:Status Reports:September 2019 MSR PPA General Manager's Report.doc

M-S-R Public Power Agency Staff Report

Date: September 3, 2019
From: Alan Hockenson
To: Martin Hopper
Subject: Specific Work Tasks for August 2019

During August, I spent time working on specific tasks on behalf of the M-S-R Public Power Agency (M-S-R PPA). These activities can be segregated into the categories of Generation, Renewable, and Administrative. There was no activity in the category of Transmission.

Generation (10 hours) – August efforts centered on the San Juan Generating Station (San Juan) Decommissioning Committee (SJDC) held on August 22, 2019. Meeting documents were reviewed prior to the meeting. The meeting was attended telephonically and a summary was prepared for the General Manager. Initial decommissioning work is concluding. The only remaining projects after 2019 will be to periodically monitor the stacks and other facilities with contingencies for any necessary repairs established during these inspections. The “Exiting” utilities will have no cost obligations for these expenses. In addition, the Reclamation Oversight Committee held a meeting on August 7, 2019.

A brief weekly monitoring of PNM’s public activities was undertaken to assure PNM is still willing and capable of performing its duties as the San Juan Decommissioning Agent and living up to its obligations under the Trust Agreements for both Decommissioning and Reclamation. Articles of interest were forwarded to the General Manager

Renewable (12 hours) – Monthly operating data was received from Avangrid Renewables, Inc. (AR), was reviewed and curtailment details were confirmed.

I received copies of documents from Special Counsel which were briefly reviewed to assure I am familiar with the issues of importance to M-S-R PPA. These documents pertain to the weekly issuances of the Federal Energy Regulatory Commission (FERC), including those relating to the Bonneville Power Administration (Bonneville) Rates, Idaho Power relationship with the Energy Imbalance Market, Bonneville and Pacific Gas and Electric Company (PG&E) regarding the Pacific Intertie, and PG&E Regulatory Cases

The WECC is the key forum for utility discussions and policy determinations in the Western Interconnection. Policies that emanate from the WECC can affect transmission providers and balancing authorities in how business is transacted. The weekly summaries of activities and meetings issued by the WECC were briefly reviewed.

The Northern Tier Transmission Group (NTTG) issued its 2018-2019 Draft Final Regional Transmission Plan.

Administrative (2 hours) – Quarterly Status Reports were prepared for San Juan Decommissioning activities and Renewable operations in the Pacific Northwest.

Date: September 9, 2019
From: David Arthur
To: Martin Hopper, M-S-R General Manager
Subject: August Tasks

August 2019 M-S-R Billing

Hours	Date	Activity
1	August 8	Review e-mails, respond as appropriate, review BPA material
1	August 14	Call BPA attorney; memo to M-S-R GM
1	August 15	BPA transmission meeting by phone
2	August 22	Attend meeting regarding NW energy issues
2	August 23	Review BPA customer comments regarding Financial Reserve error
1	August 27	Review BPA financial materials; review e-mails

Total hours August: 8

No expenses

M-S-R Public Power Agency Staff Report

Date: October 21, 2019
From: Martin R. Hopper, General Manager
To: M-S-R PPA Commission
Subject: October 2019 General Manager Report

Overview:

This report will provide an overview of the General Manager's major activities and those of specified Agency contractors and consultants. Based on feedback from Commissioners and interested parties, the format and content of these reports will evolve.

General Manager:

Administrative Activities – September 2019 (Approx. 58 hours)

The General Manager reviewed and approved Check Requests prepared by the Administrative Assistant and updated Budget v. Actuals Reports.

Prepared Agenda packages for September meeting of Technical Committee.

Completed and issued revisions and updates to 2020 Annual M-S-R PPA & EA Strategic Plans and Wildfire Mitigation Plan Resolutions.

Drafted minutes for Technical Committee and Commission September meetings and issued final July minutes re same.

Coordinated with Assistant Treasurer re replacement of M-S-R EA Forward Delivery Agreements with US Bank sweeps.

The General Manger also provided direction to consultants and counsel re emergent filings and regulatory matters. Reports on reclamation issues, decommissioning activities, and project status were requested and prepared.

Met with California Regulatory Counsel regarding priorities and monthly reporting changes.

Project Activities:

San Juan – September 2019 (Approx 28 hours):

Monitored NM-PRC filings regarding PNM's abandonment filing and coordinated with New Mexico Counsel regarding intervention. Research and outreach re possible expert witness testimony re same.

Review correspondence and agreements regarding Farmington/Enchant SJGS Project. Coordinated with SJGS owners and Exiters re same.

Big Horn – September 2019 (Approx 41 hours):

Coordinate re final reviews and approvals of proposed amendments to Big Horn agreements, coordinate with General Counsel regarding same and transmit executed copies to Avangrid. Prepared report and recommendations re same and presented to Members, Technical Committee, and Commission.

Review Big Horn energy production records and trends and update periodic status reports.

Review and comments to FERC Counsel re draft BPA Day presentation and participate in same.

Key Meetings – September 2019

PNM and SJGS Owner and Exiters – Telephonic, September 3, 2019. Key Issues: Farmington/Enchant proposals for SJGS redevelopment.

M-S-R PPA & EA Technical Committees, Truckee, CA, September 5, 2019. Key Issues: Reviews of Draft Annual Strategic Plans, and proposed Avangrid Settlement Agreements re Big Horn Projects.

Commissions, Folsom, CA, September 18, 2019. Key Issues: Approvals of Annual Strategic Plans, Wildfire Mitigation Plans, and Avangrid Settlement Agreements re Big Horn Projects.

Technical Committee, Truckee, CA, September 24, 2019. Key Issues: BPA and Pacific Northwest Issues as related to Big Horn Wind Energy Projects.

NCPA Annual Conference, Olympic Valley, CA, September 25 – 27, 2019. Key Issues: California Legislative and Regulatory update re renewable energy and carbon reduction requirements. Impacts of new technology and regulations on existing early action RPS projects (such as Big horn Wind Energy Projects.)

Transmission system impacts on integration of new and existing RPS resources. Benefits of unconventional bidding techniques regarding transmission and infrastructure development.

General Consultant:

The General Consultant regularly prepares a summary of his activities as part of his monthly billing process. A copy of General Consultant's August 2019 report is attached regarding 30 hours of support.

BPA Consultant:

Our BPA Consultant, Dr. David Arthur, has prepared a summary of his key activities in August 2019 regarding 8 hours of support is attached.

Other Contractors and Counsel:

FERC Counsel, and BPA Counsel status reports will be prepared at a similar level of detail to the General Consultant's Monthly summary and are under development for initial content.

Macintosh HD:Users:martinhopper:My Laptop Documents:M-S-R Public Power Agency:Administrative:Status Reports:October 2019 MSR PPA General Manager's Report.doc

M-S-R Public Power Agency Staff Report

Date: October 1, 2019
From: Alan Hockenson
To: Martin Hopper
Subject: Specific Work Tasks for September 2019

During August, I spent time working on specific tasks on behalf of the M-S-R Public Power Agency (M-S-R PPA). These activities can be segregated into the categories of Generation, Renewable, and Administrative. There was no activity in the category of Transmission.

Generation (6 hours) – The San Juan Generating Station (San Juan) Decommissioning Committee (SJDC) held on September 26, 2019. Meeting documents were reviewed prior to the meeting. The meeting was attended telephonically. Initial decommissioning work almost finished. The only remaining projects after 2019 will be to periodically monitor the stacks and other facilities with contingencies for any necessary repairs established during these inspections. The “Exiting” utilities will have no cost obligations for these expenses. The annual budget meeting is scheduled for October 23, 2019 in Albuquerque, NM.

A brief weekly monitoring of PNM’s public activities was undertaken to assure PNM is still willing and capable of performing its duties as the San Juan Decommissioning Agent and living up to its obligations under the Trust Agreements for both Decommissioning and Reclamation.

Renewable (25 hours) – Monthly operating data was received from Avangrid Renewables, Inc. (AR), was reviewed and August curtailment details were confirmed. The annual meeting of the Technical Committee to discuss Pacific Northwest Issues (BPA Day) was attended on September 24, 2019 in Truckee, CA.

I received copies of documents from Special Counsel which were briefly reviewed to assure I am familiar with the issues of importance to M-S-R PPA. These documents pertain to the weekly issuances of the Federal Energy Regulatory Commission (FERC), including those relating to the utilities filing on behalf of Northern Grid, California Resource Adequacy, and Pacific Gas and Electric Company (PG&E) regarding Regulatory Cases.

The WECC is the key forum for utility discussions and policy determinations in the Western Interconnection. Policies that emanate from the WECC can affect transmission providers and balancing authorities in how business is transacted. The weekly summaries of activities and meetings issued by the WECC were briefly reviewed.

The Regional Transmission Organizations (RTOs) held quarterly meetings. Columbia Grid held its meeting on September 23, 2019 and announced it would coordinate its efforts in 2020 with

Northern Grid and turn over its RTO functions to Northern Grid in 2021. Northern Tier Transmission Group (NTTG) held its meeting on September 27, 2019 and announced it would be turning over its RTO functions to Northern Grid in 2020. Joint Parties continue to challenge the NTTG 2018-2019 Draft Final Regional Transmission Plan.

Administrative (4 hours) – Quarterly Status Reports were prepared for San Juan Decommissioning activities and Renewable operations in the Pacific Northwest. Packages for the Technical Committee and Commission meetings were reviewed. Minutes were prepared for the Technical Committee meeting held on September 24, 2019.

Other than the BPA Day meeting, all meetings were attended telephonically.

M-S-R Public Power Agency Staff Report

Date: October 21, 2019
From: David Arthur
To: Martin Hopper, GM M-S-R
Subject: September Update to BPA Tasks (7.5 hours)

During September I dedicated only 7.5 hours to BPA related activities. The primary activity was participation in the monthly update on transmission issues. The primary focus was on the status of the hourly firm study with a brief update on potential conversion from PTP to Network service. The update indicated that a limited number of customers were considering a conversion totaling about 3000MW.

This is a concern since our analysis suggests that PTP customers “subsidize” Network customers. More Network and fewer PTP customers could adversely impact future PTP rates.

I also briefly started a review of the BP-20 ROD as it may impact M-S-R. Review of the EIM Rod will be initiated in October.

It is anticipated that BPA will soon initiate workshops as prerequisite to the BP-22, TC-22, and EIM initiatives.

M-S-R Public Power Agency Big Horn Operations

Date: October 31, 2019
From: Martin Hopper, General Manager
To: M-S-R Commission
Subject: Big Horn Operations Statistics

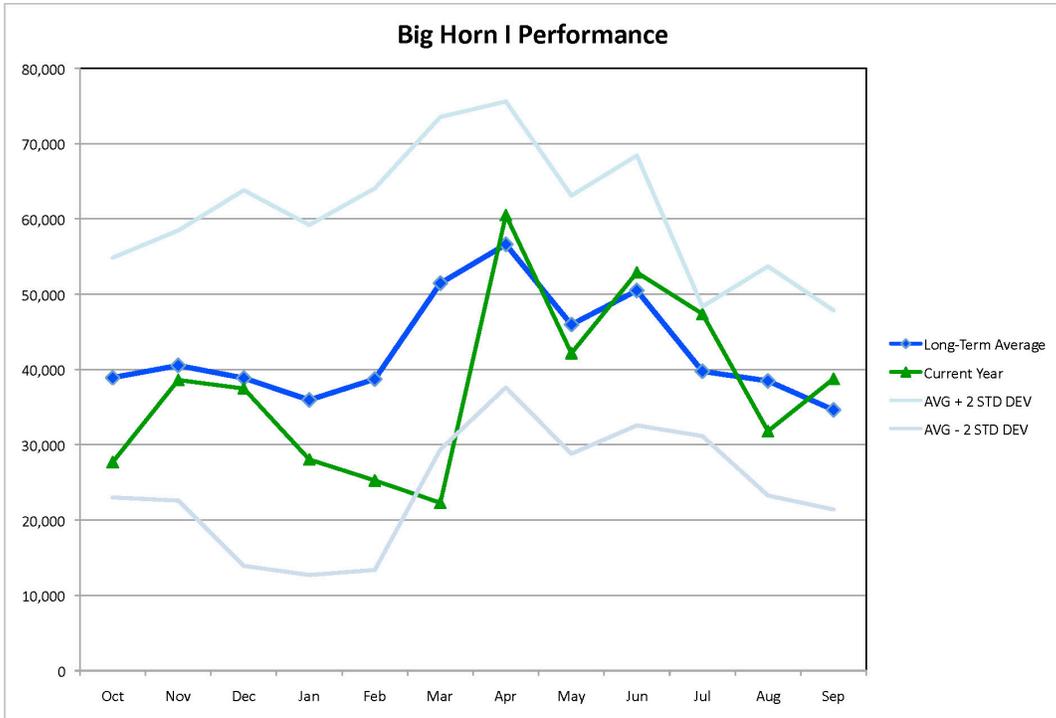
Energy Production Statistics for the Big Horn Wind Energy Project:

Big Horn I Operations	Production (MWh)	Monthly % of Forecast – Contract (5-Year)	Cumulative Wind Year Production (MWh)
July	47,385	120.3%	382,299
August	31,813	93.2%	414,112
September	38,767	108.1%	452,878
Annual Contract Forecast	N/A	N/A	482,910
Annual Budget Forecast	N/A	N/A	515,000
Life of Project Production	N/A	N/A	6,583,653

Big Horn II Operations	Production (MWh)	Monthly % of Forecast – Contract (5-Year)	Cumulative Wind Year Production (MWh)
July	8,814	116.9%	87,409
August	5,667	83.8%	93,079
September	8,712	106.5%	101,788
Annual Contract Forecast	N/A	N/A	117,772
Annual Budget Forecast	N/A	N/A	115,000
Life of Project Production	N/A	N/A	1,050,557

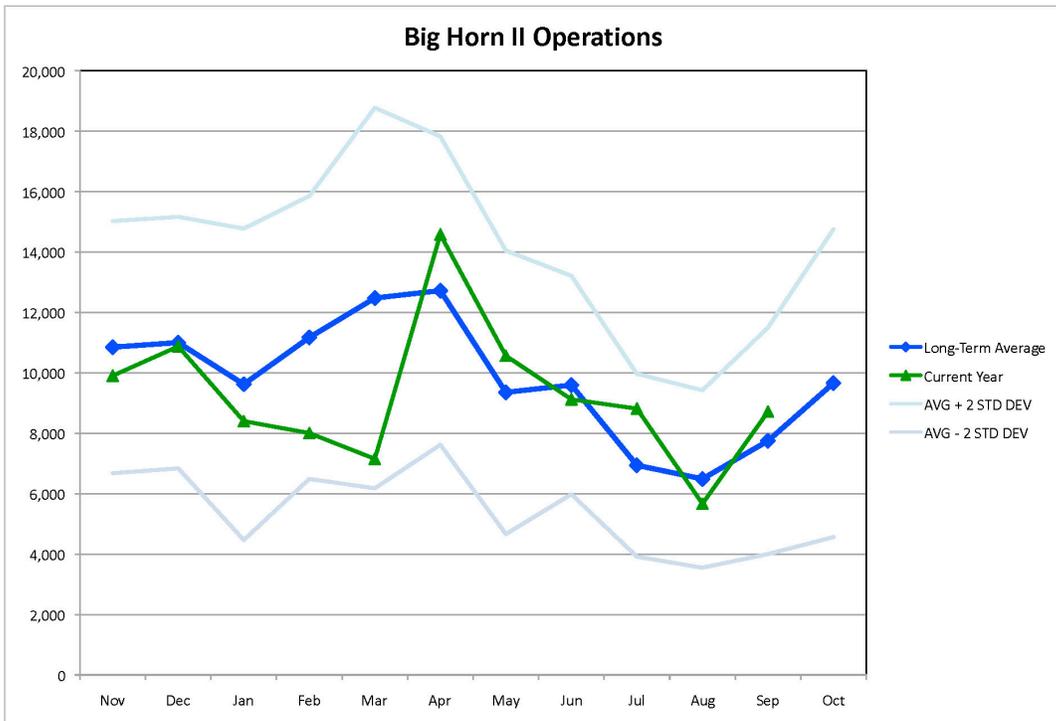
The contract year for Big Horn I runs from October through the following September. Contract Year 13 was just completed and produced 92.4% of the energy forecast by Avangrid. On a calendar basis, Big Horn I has produced 71.7% of the projected energy for the first 74.8% of 2019.

The contract year for Big Horn II runs from November through the following October. If energy production in October matches the Avangrid forecast, Year 9 of this contract will finish at 94.2% of expectation. On a calendar basis, Big Horn I has produced 68.5% of the projected energy for the first 74.8% of 2019.



10/30/19

Big Horn I Projections 2019.xlsx



10/30/19

Big Horn II Projections 2019.xlsx

Transmission Curtailments:

Curtailments	On-Peak (MWh)	Off-Peak (MWh)	Total (MWh)
July	1,146	1,221	2,367
August	0	0	0
September	135	0	135
Year To Date	3,617	2,621	6,238
Historic Annual Average	1,412	848	2,259

After a huge number of curtailments in July, there were no curtailments at all in August. September experienced on 135 MW of curtailments, all during on peak hours. Besides July, the heaviest months for curtailments for the Big Horn I contract year were October and November 2018 and February through April 2019.

DRAFT

M-S-R Public Power Agency Status Report: San Juan Decommissioning

Date: October 30, 2019
To: Martin Hopper, General Manager
From: Alan Hockenson, Consultant
Subject: San Juan Decommissioning, Quarterly Update

San Juan Decommissioning Committee (SJDC) Meetings:

All meetings attended telephonically.

August 22, 2019:

PNM provided the SJDC with an update on the seven active projects remaining for 2019:

- 1-3. EESI is scheduled to complete its three projects (Ductwork and Miscellaneous Equipment Installation, Physical Barriers, and Miscellaneous Structural and Environmental Issues) by the end of August.
4. Regarding Precipitator Transformer/Rectifier Sets, PNM is waiting for a tank delivery and project completion is delayed to the end of September.
5. Dismantlement of the Chemical Plant Control Room was completed under budget.
6. Regarding caps for the Unit 2 & 3 Stacks, design has been completed and the installer, Pullman, is schedule to be on site on September 9, 2019. PNM admits the targeted completion date of September 26, 2019 may be optimistic. Although PNM unilaterally made the decision to install the stack caps, the Exiting Participants will have no cost responsibility for this project
7. The Electrical Disconnect from the Substation is scheduled for the week of September 23, 2019.

September 26, 2019:

PNM provided the SJDC with an update on the six active projects discussed in August:

- 1-3. EESI has stabilized all equipment. One extra piece of equipment was uncovered that may extend the contract into October.
4. Regarding Precipitator Transformer/Rectifier Sets, PNM has started the draining process and it may take some time to complete.
5. Regarding caps for the Unit 2 & 3 Stacks, the installer, Pullman, is on site and has estimated a completion date of October 28, 2019.
6. The Electrical Disconnect from the Substation will be completed by the end of September.

October 23, 2019:

PNM provided the SJDC with an update on the three active projects discussed in September:

1. Regarding Precipitator Transformer/Rectifier Sets, the estimated completion date is has been extended to November 30, 2019.
2. Regarding caps for the Unit 2 & 3 Stacks, the installation will be completed by the end of October 2019.
3. The high voltage electrical disconnect of Unit 3 has been rescheduled for the second week of December.

There are two projects scheduled to extend beyond 2019 involving the (1) inspection of stacks and (2) general safety inspections. Contingency budgets have been established in the event the results of the inspections mandate remedial actions.

PNM has been developing a contract under which Westmoreland would be providing certain services (fill material, etc.) to support decommissioning. PNM will distribute the proposed services agreement to the SJDC Participants within the next week for consideration. PNM may be asking for a Resolution to proceed shortly thereafter.

The City of Farmington continues to attempt to find ways to extend the life of San Juan.

There will be no meeting of the SJDC in November 2019. The next meeting of the SJDC will be a conference call on December 12, 2019.

M-S-R Public Power Agency Staff Report

Date: October 31, 2019
From: Martin R. Hopper, General Manager
To: M-S-R PPA Commission
Subject: November 2019 Outside Services Budget versus Actual Report

FISCAL YEAR 2019:

Major Legal Providers Reporting Are:

Duncan, Weinberg, Genzer, and Pembroke:	Through:	July 31, 2019
Law Offices of Susie Berlin:	Through:	July 31, 2019
Porter Simon:	Through:	September 30, 2019

Major Consulting Providers Reporting Are:

Navigant Consulting:	Through:	August 31, 2019
KBT LLC:	Through:	September 30, 2019

Legacy Liability Providers Reporting Are:

PNM – Reclamation Management:	Through:	September 30, 2019
Reclamation:	Through:	September 30, 2019
Decommissioning:	Through:	September 30, 2019

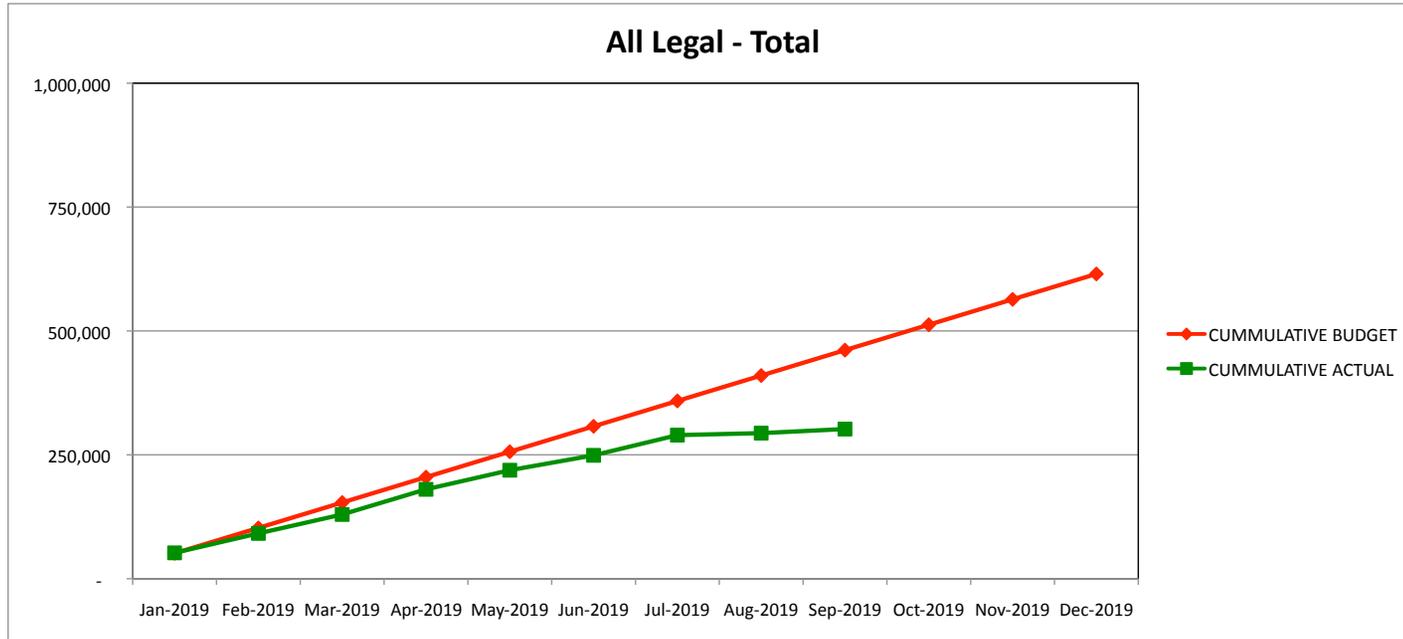
Detailed charts of monthly budget versus actual cost comparisons for each provider are attached in their usual format.

Recommendation:

I recommend the Commission note and file this report.

M-S-R PPA All Legal Summary

Month of: **Sep-2019**



CURRENT MONTH

By Function	Budget Current Month	Actual Current Month	Positive Variance	Actual v. Budget %
Generation	1,000	3,199	(2,199)	320%
Gen - Other	1,167	952	215	82%
Renewables	3,083	0	3,083	0%
Rens - Other	24,167	0	24,167	0%
Reg & Comp	18,917	0	18,917	0%
Administrative	2,917	4,077	(1,160)	140%
Total	51,250	8,228	43,022	16%

YEAR TO DATE

By Function	Budget Year to Date	Actual Year to Date	Positive Variance	Actual v. Budget %
Generation	9,000	10,349	(1,349)	115%
Gen - Other	10,500	8,300	2,200	79%
Renewables	27,750	9,832	17,918	35%
Rens - Other	217,500	107,957	109,543	50%
Reg & Comp	170,250	154,072	16,178	90%
Administrative	26,250	11,504	14,746	44%
Total	461,250	302,014	159,236	65%

By Provider	Budget Current Month	Actual Current Month	Positive Variance	Actual v. Budget %
Duncan	37,500	0	37,500	0%
Berlin	8,333	0	8,333	0%
Porter Simon	4,250	7,276	(3,026)	171%
Others	1,167	952	215	82%
Total	51,250	8,228	43,022	16%

By Provider	Budget Year to Date	Actual Year to Date	Positive Variance	Actual v. Budget %
Duncan	337,500	213,973	123,527	63%
Berlin	75,000	55,660	19,340	74%
Porter Simon	38,250	24,082	14,168	63%
Others	10,500	8,300	2,200	79%
Total	461,250	302,014	159,236	65%

M-S-R PPA Duncan Summary

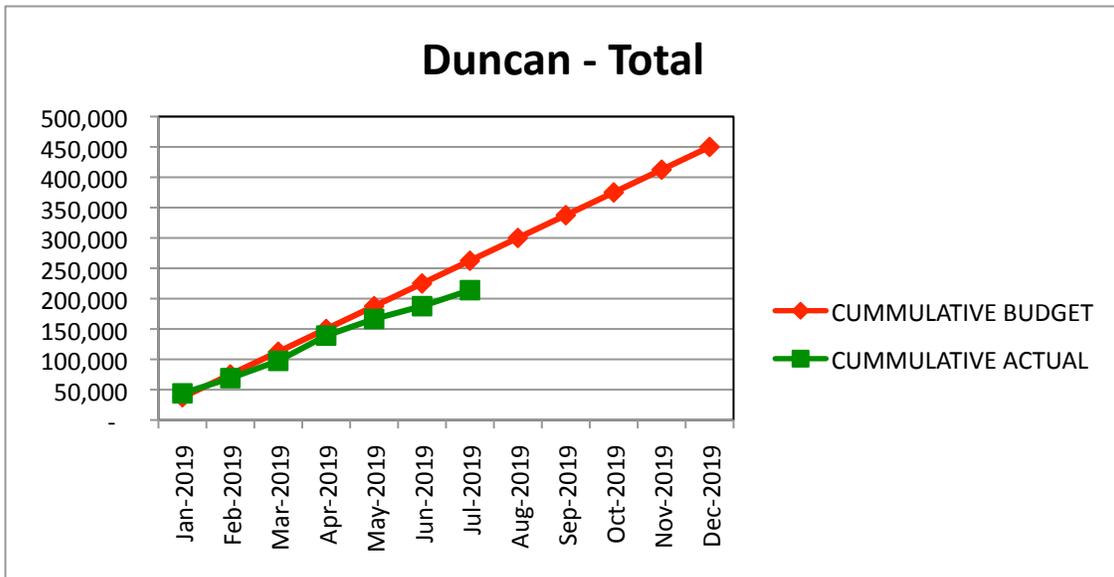
Month of: **Sep-2019**

CURRENT MONTH

	Budget Current Month	Actual Current Month	Positive Variance	Actual v. Budget %
Generation	0	0	0	0%
Gen - Other	0	0	0	0%
Renewables	833	0	833	0%
Rens - Other	24,167	0	24,167	0%
Reg & Comp	12,500	0	12,500	0%
Administrative	0	0	0	0%
Total	37,500	0	37,500	0%

YEAR TO DATE

	Budget Year to Date	Actual Year to Date	Positive Variance	Actual v. Budget %
Generation	0	0	0	0%
Gen - Other	0	0	0	0%
Renewables	7,500	0	7,500	0%
Rens - Other	217,500	107,957	109,543	50%
Reg & Comp	112,500	106,016	6,484	94%
Administrative	0	0	0	0%
Total	337,500	213,973	123,527	63%



M-S-R PPA Berlin Summary

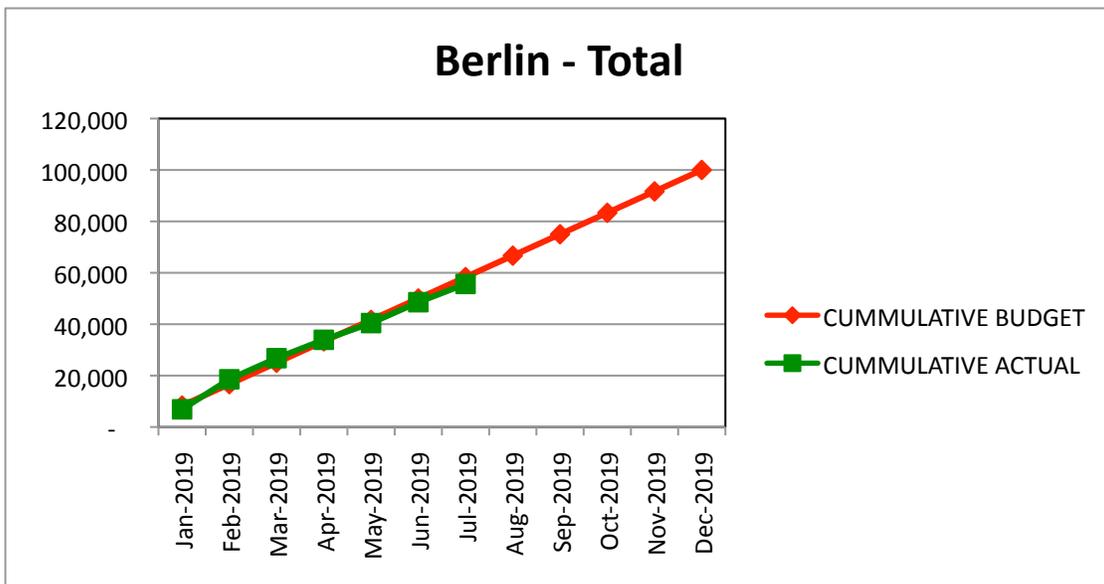
Month of: **Sep-2019**

CURRENT MONTH

	Budget Current Month	Actual Current Month	Positive Variance	Actual v. Budget %
Generation	0	0	0	0%
Gen - Other	0	0	0	0%
Renewables	1,667	0	1,667	0%
Rens - Other	0	0	0	0%
Reg & Comp	6,250	0	6,250	0%
Administrative	417	0	417	0%
Total	8,333	0	8,333	0%

YEAR TO DATE

	Budget Year to Date	Actual Year to Date	Positive Variance	Actual v. Budget %
Generation	0	0	0	0%
Gen - Other	0	0	0	0%
Renewables	15,000	7,544	7,456	50%
Rens - Other	0	0	0	0%
Reg & Comp	56,250	48,057	8,193	85%
Administrative	3,750	60	3,690	2%
Total	75,000	55,660	19,340	74%



M-S-R PPA Misc Legal Summary

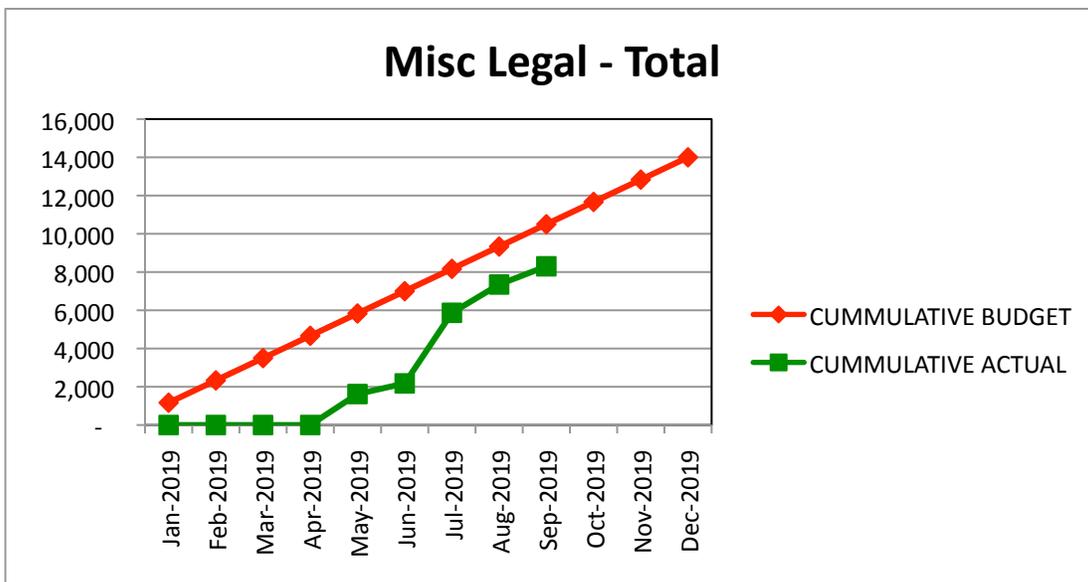
Month of: **Sep-2019**

CURRENT MONTH

	Budget Current Month	Actual Current Month	Positive Variance	Actual v. Budget %
Generation	0	0	0	0%
Gen - Other	1,167	952	215	82%
Renewables	0	0	0	0%
Rens - Other	0	0	0	0%
Reg & Comp	0	0	0	0%
Administrative	0	0	0	0%
Total	1,167	952	215	82%

YEAR TO DATE

	Budget Year to Date	Actual Year to Date	Positive Variance	Actual v. Budget %
Generation	0	0	0	0%
Gen - Other	10,500	8,300	2,200	79%
Renewables	0	0	0	0%
Rens - Other	0	0	0	0%
Reg & Comp	0	0	0	0%
Administrative	0	0	0	0%
Total	10,500	8,300	2,200	79%



M-S-R PPA Porter Simon Summary

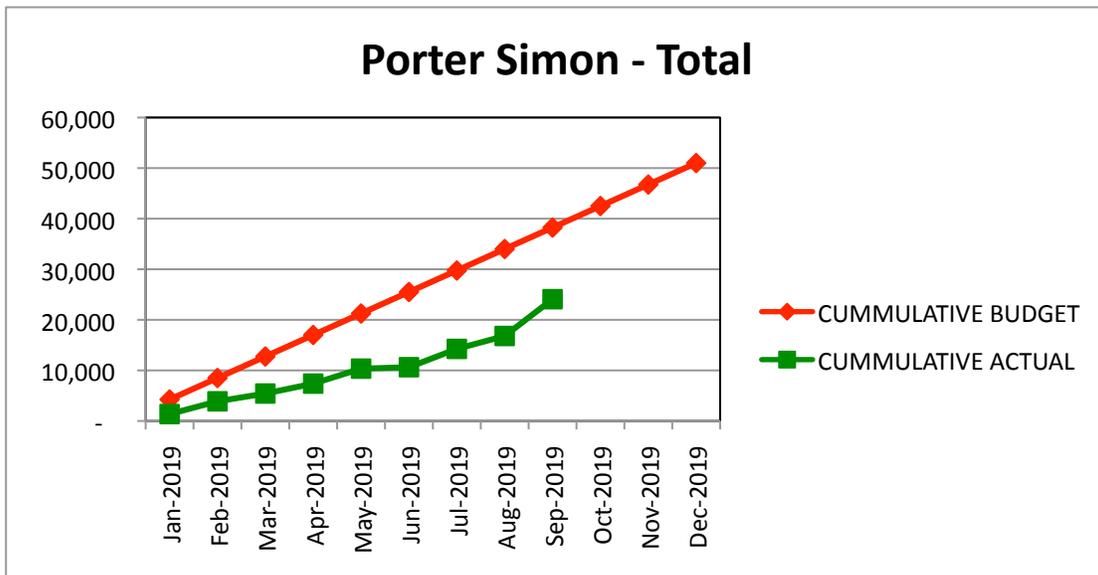
Month of: **Sep-2019**

CURRENT MONTH

	Budget Current Month	Actual Current Month	Positive Variance	Actual v. Budget %
Generation	1,000	3,199	(2,199)	320%
Gen - Other	0	0	0	0%
Renewables	583	0	583	0%
Rens - Other	0	0	0	0%
Reg & Comp	167	0	167	0%
Administrative	2,500	4,077	(1,577)	163%
Total	4,250	7,276	(3,026)	171%

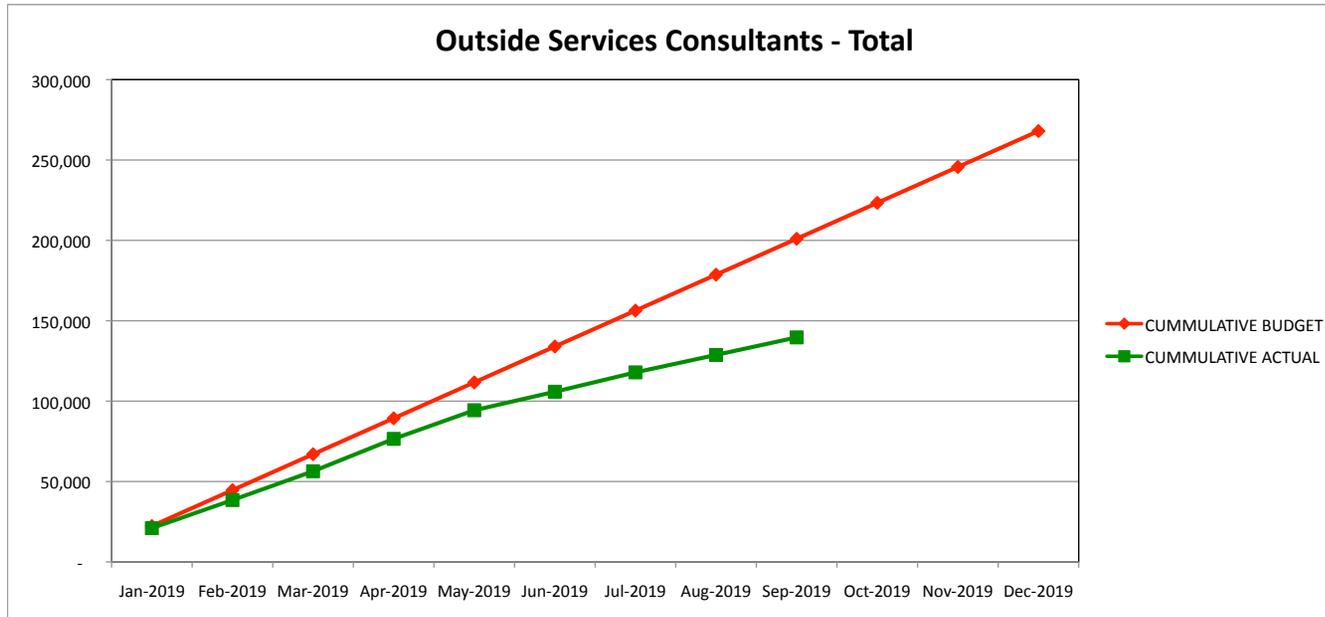
YEAR TO DATE

	Budget Year to Date	Actual Year to Date	Positive Variance	Actual v. Budget %
Generation	9,000	10,349	(1,349)	115%
Gen - Other	0	0	0	0%
Renewables	5,250	2,288	2,962	44%
Rens - Other	0	0	0	0%
Reg & Comp	1,500	0	1,500	0%
Administrative	22,500	11,445	11,055	51%
Total	38,250	24,082	14,168	63%



M-S-R PPA Total Outside Consult Summary

Month of: **Sep-2019**



By Function	CURRENT MONTH			
	Budget Current Month	Actual Current Month	Positive Variance	Actual v. Budget %
Generation	2,500	1,272	1,228	51%
Gen - Other	0	0	0	0%
Renewables	9,500	6,413	3,087	68%
Rens - Other	5,833	1,365	4,468	23%
Reg & Comp	2,417	1,000	1,417	41%
Administrative	2,083	848	1,235	41%
Total	22,333	10,898	11,435	49%

By Function	YEAR TO DATE			
	Budget Year to Date	Actual Year to Date	Positive Variance	Actual v. Budget %
Generation	22,500	24,168	(1,668)	107%
Gen - Other	0	0	0	0%
Renewables	85,500	62,972	22,528	74%
Rens - Other	52,500	30,485	22,015	58%
Reg & Comp	21,750	10,495	11,255	48%
Administrative	18,750	11,534	7,216	62%
Total	201,000	139,654	61,346	69%

By Provider	CURRENT MONTH			
	Budget Current Month	Actual Current Month	Positive Variance	Actual v. Budget %
Navigant	3,333	0	3,333	0%
KBT	15,833	8,898	6,935	56%
Others	3,167	2,000	1,167	63%
Total	22,333	10,898	11,435	49%

By Provider	YEAR TO DATE			
	Budget Year to Date	Actual Year to Date	Positive Variance	Actual v. Budget %
Navigant	30,000	2,141	27,859	7%
KBT	142,500	116,523	25,977	82%
Others	28,500	20,989	7,511	74%
Total	201,000	139,654	61,346	69%

M-S-R PPA Navigant Summary

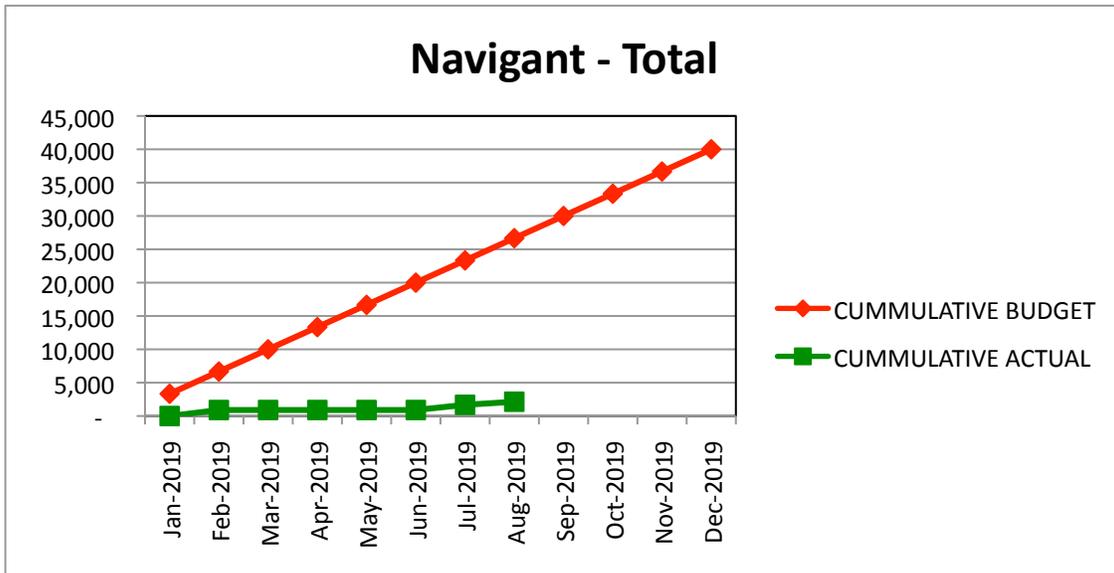
Month of: **Sep-2019**

CURRENT MONTH

	Budget Current Month	Actual Current Month	Positive Variance	Actual v. Budget %
Generation	0	0	0	0%
Gen - Other	0	0	0	0%
Renewables	2,083	0	2,083	0%
Rens - Other	0	0	0	0%
Reg & Comp	833	0	833	0%
Administrative	417	0	417	0%
Total	3,333	0	3,333	0%

YEAR TO DATE

	Budget Year to Date	Actual Year to Date	Positive Variance	Actual v. Budget %
Generation	0	0	0	0%
Gen - Other	0	0	0	0%
Renewables	18,750	0	18,750	0%
Rens - Other	0	0	0	0%
Reg & Comp	7,500	0	7,500	0%
Administrative	3,750	2,141	1,609	57%
Total	30,000	2,141	27,859	7%



M-S-R PPA KBT Summary

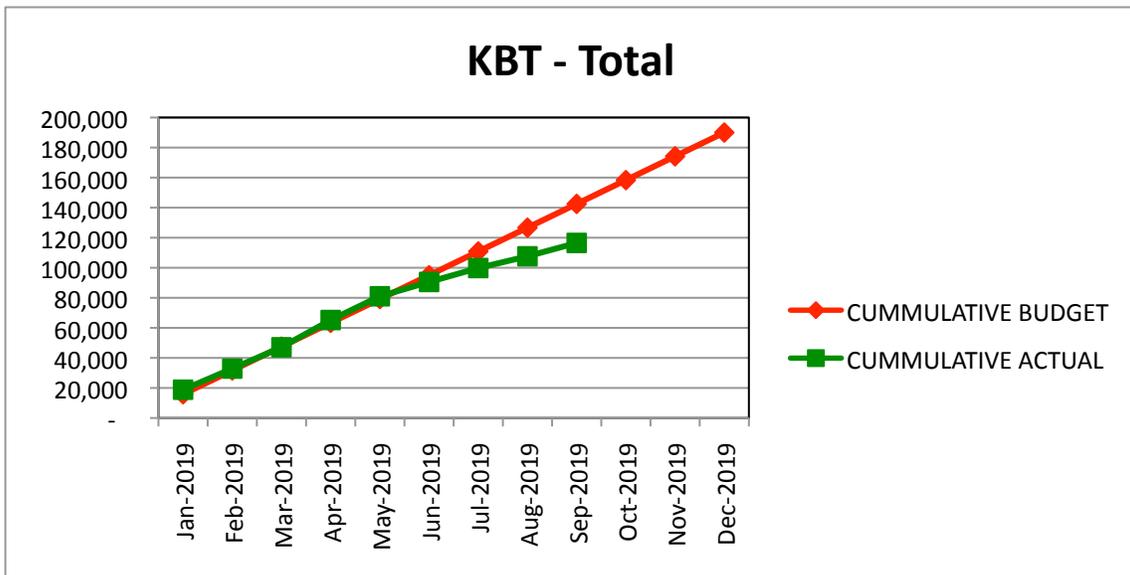
Month of: **Sep-2019**

CURRENT MONTH

	Budget Current Month	Actual Current Month	Positive Variance	Actual v. Budget %
Generation	2,500	1,272	1,228	51%
Gen - Other	0	0	0	0%
Renewables	5,833	5,413	420	93%
Rens - Other	5,833	1,365	4,468	23%
Reg & Comp	0	0	0	0%
Administrative	1,667	848	819	51%
Total	15,833	8,898	6,935	56%

YEAR TO DATE

	Budget Year to Date	Actual Year to Date	Positive Variance	Actual v. Budget %
Generation	22,500	24,168	(1,668)	107%
Gen - Other	0	0	0	0%
Renewables	52,500	52,477	23	100%
Rens - Other	52,500	30,485	22,015	58%
Reg & Comp	0	0	0	0%
Administrative	15,000	9,393	5,607	63%
Total	142,500	116,523	25,977	82%



M-S-R PPA

Misc Outside Services Summary

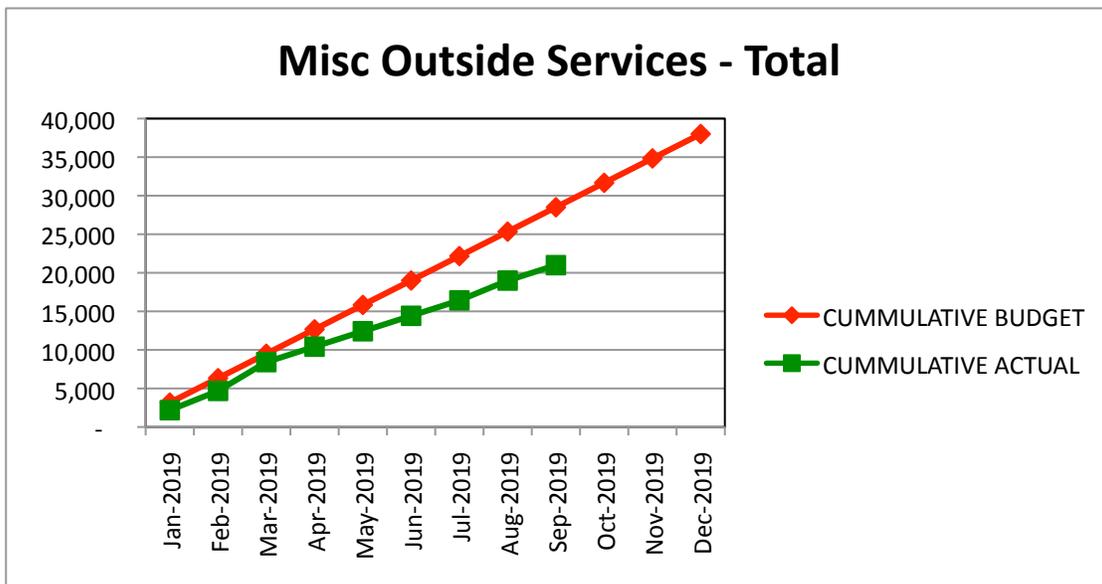
Month of: **Sep-2019**

CURRENT MONTH

	Budget Current Month	Actual Current Month	Positive Variance	Actual v. Budget %
Generation	0	0	0	0%
Gen - Other	0	0	0	0%
Renewables	1,583	1,000	583	63%
Rens - Other	0	0	0	0%
Reg & Comp	1,583	1,000	583	63%
Administrative	0	0	0	0%
Total	3,167	2,000	1,167	63%

YEAR TO DATE

	Budget Year to Date	Actual Year to Date	Positive Variance	Actual v. Budget %
Generation	0	0	0	0%
Gen - Other	0	0	0	0%
Renewables	14,250	10,495	3,755	74%
Rens - Other	0	0	0	0%
Reg & Comp	14,250	10,495	3,755	74%
Administrative	0	0	0	0%
Total	28,500	20,989	7,511	74%

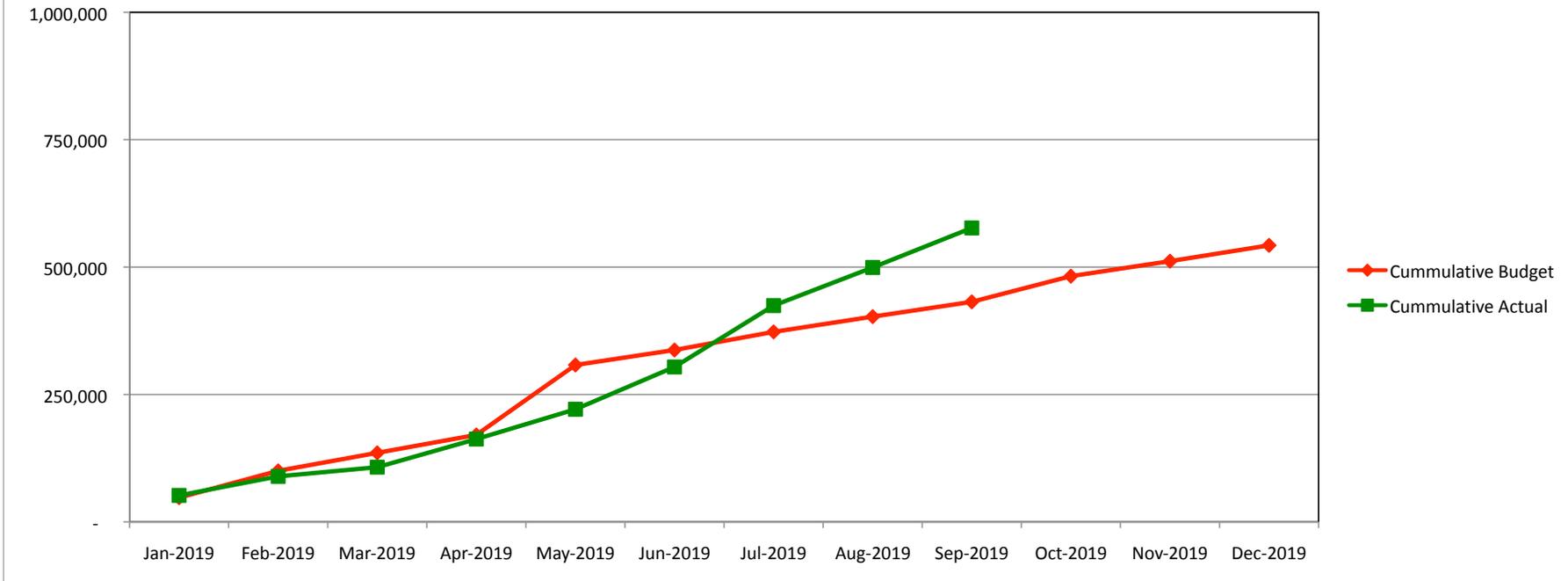


Consultant Costs - 2019	2019 Budget	Revised Budget	Task Orders	Jan-2019	Feb-2019	Mar-2019	Apr-2019	May-2019	Jun-2019	Jul-2019	Aug-2019	Sep-2019	Oct-2019	Nov-2019	Dec-2019	Total	Average	Year-End Projection	Notes
				8.33%	16.67%	25.00%	33.33%	41.67%	50.00%	58.33%	66.67%	75.00%	83.33%	91.67%	100.00%				
Navigant																			
Generation																			
General	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Renewables	25,000	25,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regulatory & Comp	10,000	10,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Administrative	5,000	5,000	-	901	-	-	-	-	-	776	464.51	-	-	-	-	2,141	268	3,212	
	40,000	40,000	-	901	-	-	-	-	-	776	464.51	-	-	-	-	2,141	268	3,212	8%
				0.00%	2.25%	2.25%	2.25%	2.25%	2.25%	4.19%	5.35%	5.35%	5.35%	5.35%	5.35%				
KBT																			
Generation																			
General	20,000	30,000	3,180	3,392	2,544	4,452	2,756	2,756	1,696	2,120.00	1,272.00	-	-	-	-	24,168	2,685	32,224	
Gen - Other																			
SJGS Disposition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Renewables																			
General	70,000	70,000	8,064	5,309	6,506	7,680	8,268	3,816	3,604	3,816.00	5,413.40	-	-	-	-	52,477	5,831	69,970	
Rens - Other																			
BP-20 Rate Case	70,000	70,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BP-18 Rate Case
KBT 2019-01			14,560	6,734	3,640	-	-	-	-	-	-	-	-	-	-	10,374	5,187	10,374	Jan - Feb
KBT 2019-02			14,560	-	-	3,822	4,732	-	-	-	-	-	-	-	-	8,554	4,277	8,554	Mar - Apr
KBT 2019-03			14,560	-	-	-	-	3,094	2,730	-	-	-	-	-	-	5,824	2,912	5,824	May - Jun
KBT 2019-04			14,560	-	-	-	-	-	-	2,912	1,456.00	-	-	-	-	4,368	2,184	4,368	Jul - Aug
KBT 2019-05			12,740	-	-	-	-	-	-	-	-	1,365.00	-	-	-	1,365	683	1,365	Sep - Oct
KBT 2019-0x			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Nov - Dec
Sum			70,980	-	-	-	-	-	-	-	-	-	-	-	-	30,485	-	30,485	
Regulatory & Comp																			
Administrative	20,000	20,000	848	1,728	1,304	1,272	1,696	212	1,060	424.00	848.00	-	-	-	-	9,393	1,044	12,524	
	180,000	190,000	70,980	18,826	14,070	14,177	18,136	15,814	9,514	9,272	7,816.00	8,898.40	-	-	-	116,523	24,802	145,203	
				9.91%	17.31%	24.78%	34.32%	42.64%	47.65%	52.53%	56.64%	61.33%	61.33%	61.33%	61.33%	116,523			76%
SUBTOTAL	220,000	230,000	18,826	14,971	14,177	18,136	15,814	9,514	10,048	8,281	8,898	-	-	-	-	118,664	25,070	148,414	65%
				8.56%	15.36%	21.81%	30.05%	37.24%	41.56%	46.13%	49.89%	53.94%	53.94%	53.94%	53.94%				
Outside Services																			
Generation																			
Renewables																			
Ferguson Group	5,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Politico Group	14,000	14,000	1,093	1,249	1,868	1,000	1,000	1,000	1,000	1,285	1,000.00	-	-	-	-	10,495	1,166	13,993	
Rens - Other																			
Ferguson Group	5,000	5,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Politico Group	14,000	14,000	1,093	1,249	1,868	1,000	1,000	1,000	1,000	1,285	1,000.00	-	-	-	-	10,495	1,166	13,993	
Regulatory & Comp																			
Administrative	38,000	38,000	2,185	2,498	3,737	2,000	2,000	2,000	2,000	2,570	2,000.00	-	-	-	-	20,989	2,332	27,986	
				5.75%	12.32%	22.16%	27.42%	32.68%	37.95%	43.21%	49.97%	55.23%	55.23%	55.23%	55.23%				74%
GRAND TOTAL	258,000	268,000	21,011	17,468	17,913	20,136	17,814	11,514	12,048	10,850	10,898	-	-	-	-	139,654	27,402	176,400	66%
				8.14%	14.91%	21.86%	29.66%	36.57%	41.03%	45.70%	49.91%	54.13%	54.13%	54.13%	54.13%				
	Original 2019 Budget	Revised 2019 Budget																	
G	20,000	30,000																	32,224
G - Other	-	-																	-
R	114,000	114,000																	83,963
R - Other	70,000	70,000																	30,485
R&C	29,000	29,000																	13,993
A	25,000	25,000																	15,736
	258,000	268,000																	176,400
50/35/15	45,000	55,000																	47,960
Renew	184,000	184,000																	114,448

Legacy Liability - Total

Month of: **Sep-2019**

Legacy Liabilities - Total



CURRENT MONTH

By Function	Budget Current Month	Actual Current Month	Positive Variance	Actual v. Budget %
PNM - Reclamation	4,083	95	3,988	2%
SJCC - Reclamation	24,401	77,364	(52,963)	317%
PNM - Decommission	529	0	529	0%
Total	29,013	77,459	(48,446)	267%

YEAR TO DATE

By Function	Budget Year to Date	Actual Year to Date	Positive Variance	Actual v. Budget %
PNM - Reclamation	36,750	9,577	27,173	26%
SJCC - Reclamation	351,969	513,886	(161,917)	146%
PNM - Decommission	43,087	53,322	(10,235)	124%
Total	431,805	576,785	(144,979)	134%

PNM - Reclamation

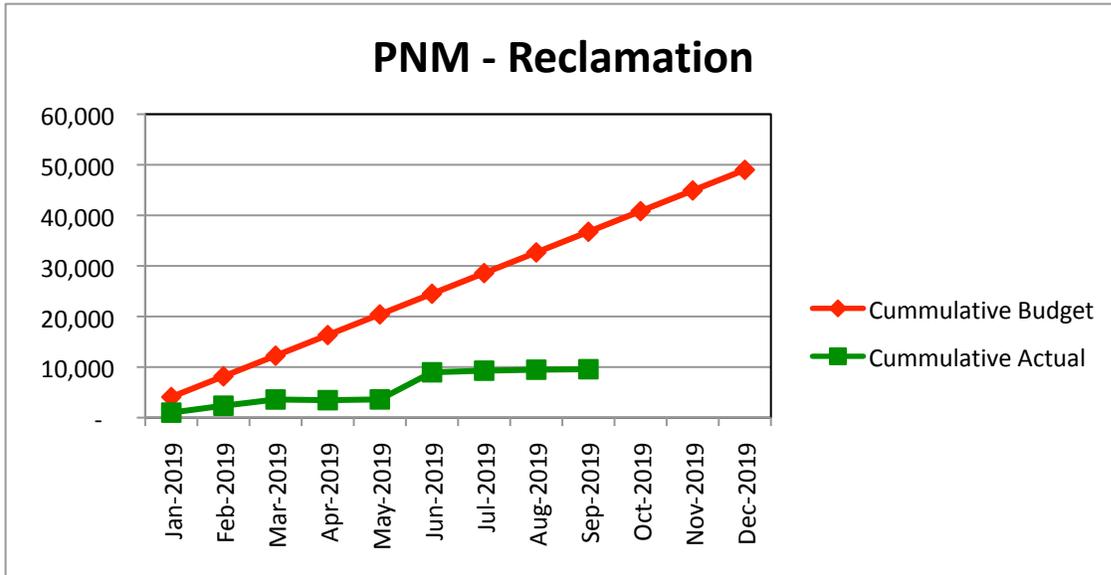
Month of: **Sep-2019**

CURRENT MONTH

	Budget Current Month	Actual Current Month	Positive Variance	Actual v. Budget %
Generation	4,083	95	3,988	2%
Total	4,083	95	3,988	2%

YEAR TO DATE

	Budget Year to Date	Actual Year to Date	Positive Variance	Actual v. Budget %
Generation	36,750	9,577	27,173	26%
Total	36,750	9,577	27,173	26%



SJCC - Reclamation

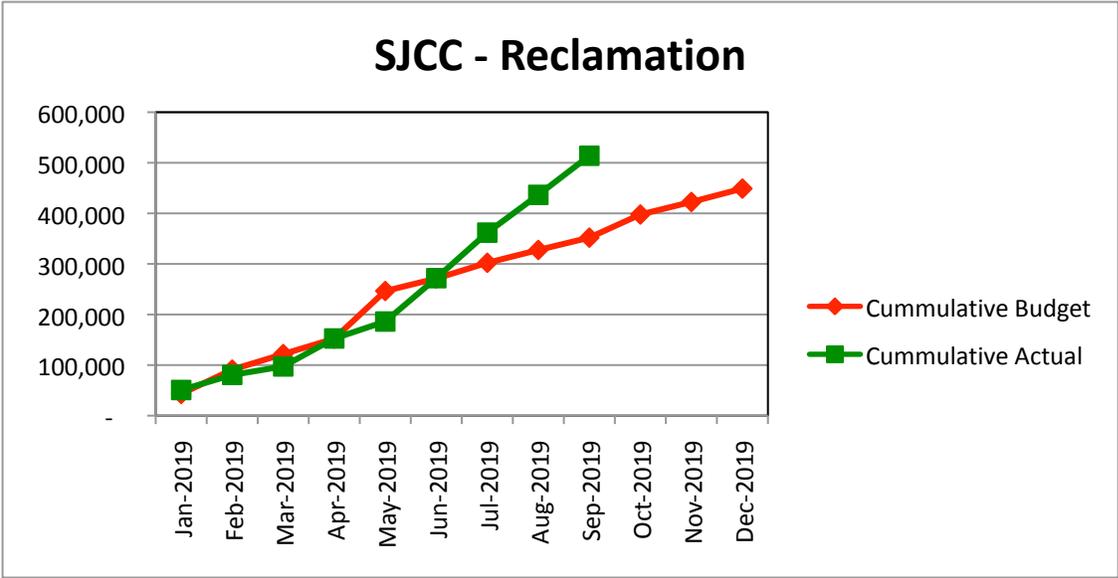
Month of: **Sep-2019**

CURRENT MONTH

	Budget Current Month	Actual Current Month	Positive Variance	Actual v. Budget %
Generation	25,348	77,364	(52,016)	305%
Total	25,348	77,364	(52,016)	305%

YEAR TO DATE

	Budget Year to Date	Actual Year to Date	Positive Variance	Actual v. Budget %
Generation	351,969	513,886	(161,917)	146%
Total	351,969	513,886	(161,917)	146%



PNM - Decommissioning

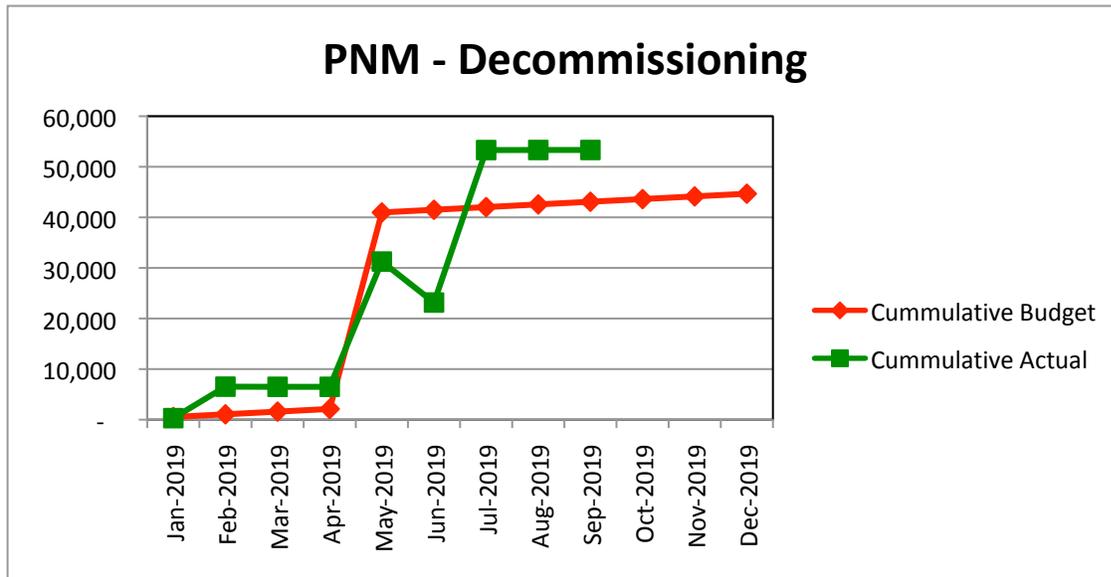
Month of: **Sep-2019**

CURRENT MONTH

	Budget Current Month	Actual Current Month	Positive Variance	Actual v. Budget %
Generation	529	0	529	0%
Total	529	0	529	0%

YEAR TO DATE

	Budget Year to Date	Actual Year to Date	Positive Variance	Actual v. Budget %
Generation	43,087	53,322	(10,235)	124%
Total	43,087	53,322	(10,235)	124%



Legacy Liability Costs - 2019	M-S-R 2019 Budget	Revised or A.O.P	Jan-2019 8.33%	Feb-2019 16.67%	Mar-2019 25.00%	Apr-2019 33.33%	May-2019 41.67%	Jun-2019 50.00%	Jul-2019 58.33%	Aug-2019 66.67%	Sep-2019 75.00%	Oct-2019 83.33%	Nov-2019 91.67%	Dec-2019 100.00%	Total	Average	Year-End Projection
PNM - Reclamation - Budget	49,000	49,000	4,083	4,083	4,083	4,083	4,083	4,083	4,083	4,083	4,083	4,083	4,083	4,083	49,000		
Cummulative Budget			4,083	8,167	12,250	16,333	20,417	24,500	28,583	32,667	36,750	40,833	44,917	49,000			
Reclamation Trust																	
Funds Operating Agent			993	1,366	1,230	(132)	148	5,366	318	194	95.11				9,577	1,064	12,769
Cummulative Actual	49,000	49,000	993	1,366	1,230	(132)	148	5,366	318	194	95.11	-	-	-	9,577	1,064	12,769
			2.03%	4.82%	7.32%	7.05%	7.36%	18.31%	18.95%	19.35%	19.54%	19.54%	19.54%	19.54%			26%
SJCC - Reclamation - Budget			42,985	48,053	30,691	30,576	94,172	24,772	30,971	25,348	24,401	45,771	24,804	26,456	449,000		
Cummulative Budget			42,985	91,038	121,729	152,305	246,477	271,248	302,219	327,568	351,969	397,740	422,544	449,000			
			41,886	88,711	118,617	148,411	240,176	264,314	294,493	319,194	342,971	387,572	411,742	437,522			
LaPlata	51,687	51,687	4,047	4,389	5,316	4,577	4,739	4,515	4,555	4,495	4,489.90				41,124	4,569	54,832
San Juan - Surface	397,313	397,313	30,778	25,417	11,485	50,681	28,789	81,278	85,424	70,150	72,874.24				456,875	50,764	609,167
San Juan - Underground			15,887	-	-	-	-	-	-	-	-				15,887	2,648	31,773
Cummulative Actual	449,000	449,000	50,712	29,806	16,801	55,258	33,528	85,793	89,979	74,645	77,364.14	-	-	-	513,886	57,981	695,772
			50,712	80,518	97,319	152,577	186,105	271,898	361,877	436,522	513,886	513,886	513,886	513,886			155%
			11.29%	17.93%	21.67%	33.98%	41.45%	60.56%	80.60%	97.22%	114.45%	114.45%	114.45%	114.45%			
PNM - Decommissioning	6,347	38,327	529	529	529	529	38,856	529	529	529	529	529	529	529	44,673		
Cummulative Budget			529	1,058	1,587	2,116	40,971	41,500	42,029	42,558	43,087	43,616	44,144	44,673			
Initial Decommissioning			297	6,225	(30.58)	-	24,772	(8,107.68)	30,149	18	-				53,322	5,925	71,096
Cummulative Actual	6,347	38,327	297	6,225	(30.58)	-	24,772	(8,107.68)	30,149	18	-	-	-	-	53,322	5,925	71,096
			0.78%	17.02%	16.94%	16.94%	81.57%	60.42%	139.08%	139.13%	139.13%	139.13%	139.13%	139.13%			185.50%
Total Legacy Liability		536,326	52,002	37,397	18,000	55,125	58,447	83,051	120,445	74,856	77,459	-	-	-	576,785	64,970	779,637
			52,002	89,399	107,399	162,525	220,972	304,024	424,469	499,325	576,785	576,785	576,785	576,785			145%
			9.70%	16.67%	20.03%	30.30%	41.20%	56.69%	79.14%	93.10%	107.54%	107.54%	107.54%	107.54%			
Cummulative Budget			47,597	100,262	135,565	170,753	307,864	337,248	372,831	402,792	431,805	482,188	511,605	542,673			
Cummulative Actual			52,002	89,399	107,399	162,525	220,972	304,024	424,469	499,325	576,785	576,785	576,785	576,785			

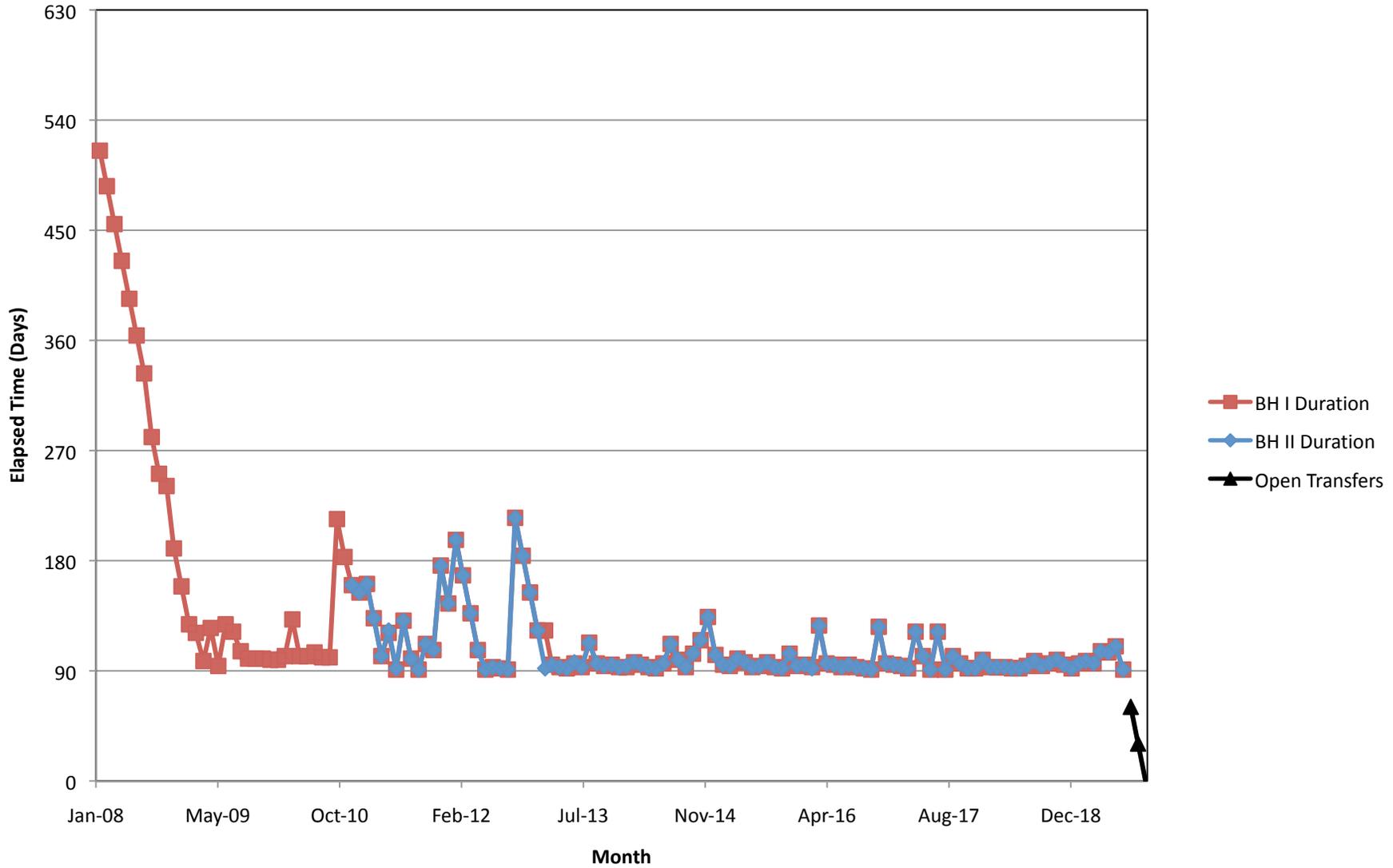
M-S-R Public Power Agency Staff Report

Date: October 31, 2019
From: Martin R. Hopper, General Manager
To: M-S-R PPA Commission
Subject: November 2019 WREGIS REC Transfers Status Report

In 2013, the General Manager met with Iberdrola Renewables, Inc (now Avangrid Renewables, Inc.) regarding the status of its transfers of Western Renewable Energy Generation Information System (WREGIS) Renewable Energy Credits (RECs) for the Big Horn I and Big Horn II Wind Energy Projects to M-S-R PPA. Ideally, the WREGIS timelines would allow transfers of RECs to M-S-R PPA about 90-days after the close of a reporting month. At the time of that meeting, some transfers were as many as 215-days outstanding. Avangrid subsequently reviewed its internal procedures and has generally completed Big Horn I and Big Horn II transfers in a timely manner. The attached chart illustrates current and historic status of REC transfers. As requested by the Commission, this report will be updated and presented at each regular meeting.

I recommend the Commission note and file the November 2019 WREGIS REC Transfers Status Report.

Big Horn I & II REC Transfers



REC Transfer Timeliness

Month Ending	Big Horn I		Big Horn II		Today's Date	Open Transfers
	Date Transferred to Members	BH I Duration	Date Transferred to Members	BH II Duration		
Jan-08	29-Jun-09	515				
Feb-08	29-Jun-09	486				
Mar-08	29-Jun-09	455				
Apr-08	29-Jun-09	425				
May-08	29-Jun-09	394				
Jun-08	29-Jun-09	364				
Jul-08	29-Jun-09	333				
Aug-08	8-Jun-09	281				
Sep-08	8-Jun-09	251				
Oct-08	29-Jun-09	241				
Nov-08	8-Jun-09	190				
Dec-08	8-Jun-09	159				
Jan-09	8-Jun-09	128				
Feb-09	29-Jun-09	121				
Mar-09	7-Jul-09	98				
Apr-09	2-Sep-09	125				
May-09	2-Sep-09	94				
Jun-09	5-Nov-09	128				
Jul-09	30-Nov-09	122				
Aug-09	15-Dec-09	106				
Sep-09	8-Jan-10	100				
Oct-09	8-Feb-10	100				
Nov-09	10-Mar-10	100				
Dec-09	9-Apr-10	99				
Jan-10	10-May-10	99				
Feb-10	10-Jun-10	102				
Mar-10	10-Aug-10	132				
Apr-10	10-Aug-10	102				
May-10	10-Sep-10	102				
Jun-10	13-Oct-10	105				
Jul-10	9-Nov-10	101				
Aug-10	10-Dec-10	101				
Sep-10	2-May-11	214				
Oct-10	2-May-11	183				
Nov-10	9-May-11	160	9-May-11	160		
Dec-10	3-Jun-11	154	3-Jun-11	154		
Jan-11	11-Jul-11	161	11-Jul-11	161		
Feb-11	11-Jul-11	133	11-Jul-11	133		
Mar-11	11-Jul-11	102	11-Jul-11	102		
Apr-11	29-Aug-11	121	31-Aug-11	123		
May-11	30-Aug-11	91	31-Aug-11	92		
Jun-11	8-Nov-11	131	8-Nov-11	131		
Jul-11	8-Nov-11	100	8-Nov-11	100		
Aug-11	30-Nov-11	91	30-Nov-11	91		
Sep-11	20-Jan-12	112	20-Jan-12	112		
Oct-11	15-Feb-12	107	15-Feb-12	107		
Nov-11	24-May-12	176	24-May-12	176		
Dec-11	24-May-12	145	24-May-12	145		
Jan-12	15-Aug-12	197	15-Aug-12	197		
Feb-12	15-Aug-12	168	15-Aug-12	168		
Mar-12	15-Aug-12	137	15-Aug-12	137		
Apr-12	15-Aug-12	107	15-Aug-12	107		
May-12	30-Aug-12	91	30-Aug-12	91		
Jun-12	1-Oct-12	93	1-Oct-12	93		
Jul-12	31-Oct-12	92	31-Oct-12	92		
Aug-12	30-Nov-12	91	30-Nov-12	91		
Sep-12	3-May-13	215	3-May-13	215		
Oct-12	3-May-13	184	3-May-13	184		
Nov-12	3-May-13	154	3-May-13	154		
Dec-12	3-May-13	123	3-May-13	123		
Jan-13	3-Jun-13	123	3-May-13	92		
Feb-13	3-Jun-13	95	3-Jun-13	95		
Mar-13	2-Jul-13	93	2-Jul-13	93		
Apr-13	31-Jul-13	92	31-Jul-13	92		
May-13	4-Sep-13	96	5-Sep-13	97		
Jun-13	1-Oct-13	93	1-Oct-13	93		
Jul-13	21-Nov-13	113	21-Nov-13	113		
Aug-13	5-Dec-13	96	5-Dec-13	96		

Sep-13	2-Jan-14	94	2-Jan-14	94
Oct-13	3-Feb-14	95	3-Feb-14	95
Nov-13	3-Mar-14	93	3-Mar-14	93
Dec-13	3-Apr-14	93	4-Apr-14	94
Jan-14	8-May-14	97	8-May-14	97
Feb-14	3-Jun-14	95	3-Jun-14	95
Mar-14	2-Jul-14	93	2-Jul-14	93
Apr-14	31-Jul-14	92	31-Jul-14	92
May-14	4-Sep-14	96	4-Sep-14	96
Jun-14	20-Oct-14	112	20-Oct-14	112
Jul-14	7-Nov-14	99	7-Nov-14	99
Aug-14	2-Dec-14	93	2-Dec-14	93
Sep-14	12-Jan-15	104	12-Jan-15	104
Oct-14	23-Feb-15	115	23-Feb-15	115
Nov-14	13-Apr-15	134	13-Apr-15	134
Dec-14	13-Apr-15	103	13-Apr-15	103
Jan-15	6-May-15	95	6-May-15	95
Feb-15	2-Jun-15	94	2-Jun-15	94
Mar-15	9-Jul-15	100	9-Jul-15	100
Apr-15	5-Aug-15	97	5-Aug-15	97
May-15	1-Sep-15	93	1-Sep-15	93
Jun-15	2-Oct-15	94	2-Oct-15	94
Jul-15	5-Nov-15	97	5-Nov-15	97
Aug-15	2-Dec-15	93	2-Dec-15	93
Sep-15	31-Dec-15	92	31-Dec-15	92
Oct-15	12-Feb-16	104	12-Feb-16	104
Nov-15	3-Mar-16	94	3-Mar-16	94
Dec-15	4-Apr-16	95	4-Apr-16	95
Jan-16	3-May-16	93	2-May-16	92
Feb-16	5-Jul-16	127	5-Jul-16	127
Mar-16	5-Jul-16	96	5-Jul-16	96
Apr-16	3-Aug-16	95	3-Aug-16	95
May-16	1-Sep-16	93	1-Sep-16	93
Jun-16	3-Oct-16	95	3-Oct-16	95
Jul-16	1-Nov-16	93	1-Nov-16	93
Aug-16	1-Dec-16	92	1-Dec-16	92
Sep-16	30-Dec-16	91	30-Dec-16	91
Oct-16	6-Mar-17	126	6-Mar-17	126
Nov-16	6-Mar-17	96	6-Mar-17	96
Dec-16	5-Apr-17	95	5-Apr-17	95
Jan-17	5-May-17	94	5-May-17	94
Feb-17	31-May-17	92	31-May-17	92
Mar-17	31-Jul-17	122	31-Jul-17	122
Apr-17	10-Aug-17	102	10-Aug-17	102
May-17	30-Aug-17	91	30-Aug-17	91
Jun-17	30-Oct-17	122	30-Oct-17	122
Jul-17	30-Oct-17	91	30-Oct-17	91
Aug-17	11-Dec-17	102	11-Dec-17	102
Sep-17	4-Jan-18	96	4-Jan-18	96
Oct-17	31-Jan-18	92	31-Jan-18	92
Nov-17	2-Mar-18	92	2-Mar-18	92
Dec-17	9-Apr-18	99	9-Apr-18	99
Jan-18	4-May-18	93	4-May-18	93
Feb-18	1-Jun-18	93	1-Jun-18	93
Mar-18	2-Jul-18	93	2-Jul-18	93
Apr-18	31-Jul-18	92	31-Jul-18	92
May-18	31-Aug-18	92	31-Aug-18	92
Jun-18	2-Oct-18	94	2-Oct-18	94
Jul-18	6-Nov-18	98	6-Nov-18	98
Aug-18	3-Dec-18	94	3-Dec-18	94
Sep-18	4-Jan-19	96	4-Jan-19	96
Oct-18	7-Feb-19	99	7-Feb-19	99
Nov-18	5-Mar-19	95	5-Mar-19	95
Dec-18	2-Apr-19	92	2-Apr-19	92
Jan-19	7-May-19	96	7-May-19	96
Feb-19	6-Jun-19	98	6-Jun-19	98
Mar-19	5-Jul-19	96	5-Jul-19	96
Apr-19	14-Aug-19	106	14-Aug-19	106
May-19	13-Sep-19	105	13-Sep-19	105
Jun-19	18-Oct-19	110	18-Oct-19	110
Jul-19	30-Oct-19	91	30-Oct-19	91
Aug-19			30-Oct-19	61
Sep-19			30-Oct-19	31
Oct-19			30-Oct-19	(0)

Note: Rec'd from IRI 3-Mar-15
Note: Rec'd from IRI 1-Apr-15

Note: Rec'd from IRI 1-Feb-19

M-S-R Public Power Agency Staff Report

Date: October 31, 2019

From: Martin R. Hopper, General Manager

To: M-S-R PPA Commission

Subject: Approval of 2020 Regular Meeting Dates

The following meeting dates are based on the customary schedule for M-S-R PPA as adjusted for known conflicts. Given the lower administrative burdens on the Agency due to the divestiture of the active San Juan Project, only four regular Commission Meetings and six Technical Committee meetings are proposed to be scheduled. If required by emergent business, Special Meetings of the Commission would be called for the same day as TANC Commission meetings. For the Commissioner's information a copy of the Draft 2020 California JPA Meeting Calendar is attached.

Month	Technical Committee Date/Time	Technical Committee Location	Commission Date/Time	Commission Location
February 2020	6 10:00 AM	Folsom	19 12:00 Noon	Folsom
May 2020	7 10:00 AM	<i>Member</i>	20 12:00 Noon	Folsom
July 2020	9 10:00 AM	Folsom	No meeting ¹	
September 2020	10 9:00 AM 22 10:00 AM	Truckee Truckee	30 12:00 Noon	Folsom
November 2020	5 9:00 AM	Folsom	18 12:00 Noon	Folsom

Financial Management Committee: 1:00 PM, Thursday, May 7, 2020, in Folsom, CA

I recommend the M-S-R PPA Commission adopt the above schedule for the Agency's 2020 Regular meetings.

¹ In 2019 we held a Special Meeting in July for Mid-Year Budget Review only – otherwise little of year is left if we do it at September meeting. The TANC Commission would meet July 22 per its normal schedule.

2020 California JPA Meeting Calendar

BANC Commission (2:00 PM 4 th Weds)	CMUA Regulatory C'tee (9:45 AM)	CMUA Legislative C'tee (12:15 PM)	M-S-R Technical C'tees	M-S-R PPA & EA Commissions (Noon)	NCPA Facilities/ Pooling C'tees	NCPA LEC PPC C'tee	NCPA L&R C'tee	NCPA Commission Meeting	SCPPA Board (3 rd Thurs)	TANC Commission (10:00 AM)
Jan 22	Jan 9	Jan 9			Jan 8	Jan 6		Jan 16 <i>Sacramento</i>	Jan 16	Jan 22
Feb 19 <i>Folsom</i>	Feb 13 <i>So Cal</i>	Feb 13 <i>So Cal</i>	Feb 6	Feb 19	Feb 5	Feb 10	Feb 19	Feb 20	Feb 20	Feb 19
Mar 25	Mar 12	Mar 12			Mar 4	Mar 9		Mar 26	Mar 19	Mar 18
Apr 22	Apr 9	Apr 9			Apr 1	Apr 6	Apr 15	Apr 16	Apr 16	Apr 22
May 20 <i>Folsom</i>	May 14	May 14	May 7 <i>Member</i>	May 20	May 6	May 11		May 28	May 21	May 20
Jun 24	Jun 11	Jun 11			Jun 3	Jun 8		Jun 25 <i>Santa Clara</i>	No meeting	Jun 17
Jul 22	Jul 9 <i>So Cal</i>	Jul 9 <i>So Cal</i>	Jul 9		Jul 1	Jul 6		Jul 23 <i>Murphys</i>	Jul 16	July 22
Aug 26	Aug 11	Aug 11			Aug 5	Aug 10	Aug 26	Aug 27	Aug 20	Aug 19
Sep 30 <i>Folsom</i>	Sep 10	Sep 10	Sep 10 & 22 <i>Truckee</i>	Sep 30	Sep 2	Sep 14	Sep 23 <i>Ann Conf</i>	Sep 25 <i>Ann Conf</i>	Sep 17	Sep 30
Oct 28	Oct 8	Oct 8			Oct 7	Oct 12		Oct 29	Oct 15	Oct 21
Nov 18 <i>Folsom</i>	Nov 11 <i>TBD</i>	Nov 11 <i>TBD</i>	Nov 5	Nov 18	Nov 4	Nov 2		No meeting	Nov 19	Nov 18
Dec 16					Dec 2	Dec 7	Dec 2	Dec 3	Dec 17	Dec 16

APPA Joint Action Workshop - Jan 5 - 7, 2020, Indian Wells, CA

NCPA Strategic Issues Conference - Jan 15 - 16, 2020, Sacramento, CA

CMUA Capitol Day and CMUA Board Meetings - Jan 27 & Jan 28, 2020, Sacramento, CA

APPA/ACWA Legislative Rally & Conference - Feb 24 - 26, 2020, Washington, DC

CMUA Annual Meeting - Apr 5 - 7, 2020, San Francisco, CA

APPA CEO Roundtable - Apr 5 - 7, 2020, Phoenix, AZ

NCPA/NWPPA Federal Policy Forum - Apr 19 - 23, 2020, Washington, DC

APPA National Conference - June 5 - 10, 2020, Long Beach, CA

NCPA Annual Conference - Sept 23 - 25, 2020, Olympic Valley, CA