



SOUTHEAST ALASKA POWER AGENCY

Regular Board Meeting AGENDA

Petersburg Borough Assembly Chambers
Petersburg, Alaska

December 13, 2017 | 1:00 PM to 5:00 PM AKST
December 14, 2017 | 9:00 AM to 1:00 PM AKST

For Telephonic Participation: Dial 1-800-315-6338 (Access Code: 73272#)

*Annual Christmas Party*

*for Board Members, Staff, Counsel, other Invited Guests and Spouses/Significant Others
will be held December 13, 2017 at the Elks Lodge in Petersburg, Alaska
Hors d'oeuvres available at 6:00 p.m. ~ Dinner at 7:00 p.m.*

1. Call to Order
 - A. Roll Call
 - B. Communications/Lay on the Table Items
 - C. Disclosure of Conflicts of Interest
2. Approval of the Agenda
3. Proclamation Honoring Board Service
4. Persons to be Heard
5. Review and Approve Minutes
 - A. September 28, 2017 Minutes of Regular Board Meeting
6. Financial Reports
 - A. CEO Financial Cover Memo
 - B. Disbursement Approvals – October and November 2017
 - C. Controller's Report
 - D. kWh Graphs
 - E. Grant Summary
 - F. Financial Statements – October 2017, September 2017 & August 2017
 - G. R&R Reports
 - H. Presentation and Approval of FY17 Audited Financials
(Representative of BDO will call in)

7. New Business
 - A. Executive Session for discussions related to Hydrosite Investigations
 - B. Consideration and Approval of Resolution No. 2018-069 Approving Signatories to First Bank Accounts
 - C. Consideration and Approval of Independent Consultant for Swan Lake 2019 FERC Part 12 Report
 - D. Consideration and Approval of SEAPA's Operations Plan for 2018
 - E. Consideration and Approval of Dedicated Funding for Submarine Cable Replacement
 - F. Consideration and Approval of Distribution of Rebate to Member Utilities
 - G. Consideration and Approval of Staff Bonuses
 - H. Executive Session for CEO Annual Evaluation
8. CEO Report
9. Staff Reports
 - A. Operations Manager's Report (*Henson*)
 - B. Power System Specialist's Report (*Schofield*)
 - C. Director of Engineering & Technical Services Report (*Siedman*)
10. Calendar Year 2018 Meeting Dates
11. Director Comments
12. Adjourn



Agenda Item

3. Proclamation Honoring Board Service

(Proclamation will be presented at Board Meeting)



SOUTHEAST ALASKA POWER AGENCY

Minutes of Regular Meeting September 28, 2017

The Landing Hotel
Ketchikan, Alaska

(An audio recording of this meeting is available on SEAPA's website at www.seapahydro.org)

1) Call to Order

A. Roll Call

Chairman Lew Williams called the meeting to order at 9:00 a.m. AKDT on September 28, 2017. The following directors and alternates were present, thus establishing a quorum of the board:

Director	Alternate	Representing	
Lew Williams	Andy Donato	Swan Lake	Ketchikan
Judy Zenge ¹		Swan Lake	Ketchikan
Karl Amylon	Bob Sivertsen	Swan Lake	Ketchikan
John Jensen		Tyee Lake	Petersburg
	Clay Hammer	Tyee Lake	Wrangell

The following SEAPA staff/counsel were present for all or part of the meeting:

Trey Acteson, Chief Executive Officer
Ed Schofield, Power System Specialist
Kay Key, Controller
Lisa Maddocks, Administrative Asst.

Steve Henson, Operations Manager
Robert Siedman, Dir. of Eng. & Tech Svc.
Sharon Thompson, Ex. Asst./Cont. Adm.
Joel Paisner, Ascent Law Partners, LLC

B. Communications/Lay on the Table Item(s):

None.

C. Disclosure of Conflicts of Interest:

Mr. Williams reported a conflict of interest in his capacity as a board member and ownership interest in the Ketchikan Daily News as the Agency had paid Ketchikan Daily News invoices.

2) Approval of the Agenda

➤ Motion	M/S (Jensen/Hammer) to approve the agenda as presented. There were no objections to the motion.	Action 18-613
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¹ Ms. Zenge joined the meeting at 10:25 a.m.

3) Persons to be Heard

None.

4) Review and Approve Minutes

➤ Motion	M/S (Jensen/Hammer) to approve the Minutes of the Regular Meeting of June 20, 2017 and Special Meeting of August 30, 2017. Motion approved unanimously by polled vote.	Action 18-614
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5) Financial Reports

(A)-(G) Mr. Acteson affirmed the stability of the Agency's financial position, reviewed revenues and expenses, and highlighted staff's outstanding progress on Renewal and Replacement projects. He reported on the status of the Agency's remaining two grants noting that close-out has been initiated by the Alaska Energy Authority of the KPI#2 grant although efforts were being made to retain the funding for the SEAPA region.

➤ Motion	M/S (Jensen/Hammer) to approve SEAPA's financial statements for the months of July, June & May 2017. Motion approved unanimously by polled vote.	Action 18-615
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➤ Motion	M/S (Jensen/Hammer) to approve disbursements for the months of June, July, August and September 2017 in the amount of \$2,729,684.86. Motion approved unanimously by polled vote.	Action 18-616
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6) New Business

- A. *Consideration and Approval of Resolution No. 2018-066 Re Amendment and Reinstatement of Retirement Security Plan for SEAPA, REA#: 02192-001*

➤ Motion	M/S (Jensen/Hammer) to adopt Resolution 2018-066, authorizing amendment and restatement of the Retirement Security Plan for the Southeast Alaska Power Agency. Motion approved unanimously by polled vote.	Action 18-617
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- B. *Consideration and Approval of FY2018 Budget Amendments*

Mr. Acteson explained the necessity of amending the FY2018 Budget for two Renewal and Replacement Projects and an Operations and Maintenance project due to June work delays in Wrangell.

➤ Motion	M/S (Jensen/Hammer) to amend the FY2018 R&R Budget for projects RR263 CTS & Relay – Circuit Switcher Wrangell and RR270 Dampeners Overhead Lines Tyee to the amounts of \$102,465 and \$67,681, respectively. Motion approved unanimously by polled vote.	Action 18-618
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➤ Motion	M/S (Amylon/Jensen) to increase SEAPA's FY2018 O&M Budget for overhead line maintenance (FERC Code 571) by \$247,872. Motion approved unanimously by polled vote.	Action 18-619
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C. *Consideration and Approval of Sole Source Contract to Tex R Us, LLC*

Mr. Acteson explained the necessity of authorizing its Information Technology provider, Tex R US, LLC, as a sole source provider for the Agency's network, phone, and maintenance operations at Swan Lake and Ketchikan.

➤ Motion	M/S (Jensen/Hammer) to authorize Tex R Us, LLC as SEAPA's sole source provider for ongoing network, phone, and maintenance support at Swan Lake and phone support and maintenance at SEAPA's Ketchikan offices and further authorize staff to enter into an amendment to Tex R Us, LLC's contract for such services to increase the not-to-exceed value from \$44,550 to \$75,000. Motion approved unanimously by polled vote.	Action 18-620
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D. *Consideration and Approval of Pre-Authorization Re SEAPA's Property Insurance and Related Broker Services*

➤ Motion	M/S (Jensen/Hammer) to pre-authorize staff to review cost and coverage proposals for SEAPA's property insurance and related broker services for the coverage period of November 1, 2017 through October 31, 2018, and to enter into a contract in the best interest of SEAPA for the most comparable coverage to SEAPA's existing program at the most competitive prices for an amount within the FY2018 operating budget. Motion approved unanimously by polled vote.	Action 18-621
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E. *Consideration and Approval of CY2018 Administrative Employee Benefits*

Mr. Acteson explained the highlights of the detailed presentation of the Agency's CY2018 Administrative Employee Benefits provided in the board packet.

➤ Motion	M/S (Jensen/Hammer) to renew NRECA employee group benefit plans as presented. Motion approved unanimously by polled vote.	Action 18-622
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7) **Old Business**

A. *Resolution No. 2018-068 Re SEAPA Record Access*

Mr. Paisner reviewed the resolution provided in the board packet regarding adoption of a policy to provide the public and its ratepayers access to certain documents, materials, and information. He noted the resolution directs staff to prepare its own processes and enact them as of January 1, 2018.

➤ **Motion**

M/S (Amylon/Jensen) to adopt Resolution 2018-068 regarding SEAPA record access. Motion approved unanimously by polled vote.

Action
18-623

8) CEO Report

Mr. Acteson reported that he may need to travel to Washington, D.C. to testify before the House of Representatives regarding the survey error that did not correctly convey approximately 26 acres of National Forest lands to the State of Alaska at Swan Lake. He provided an update on the challenge of FERC's 71% increase in annual land use fees, explaining that FERC broadened the area land values are based on resulting in the increase being lowered by 25% and that the ruling should also serve to stabilize future increases. Mr. Acteson reported that during his attendance at the APA's annual meeting in Kodiak, Deputy Commissioner Fred Parady summarized the State's dismal budget situation. Mr. Acteson advised that SEAPA should not anticipate State or Federal financial participation in future development of energy projects. He also provided updates on SEAPA's hydrosite investigation, insurance renewals, response to the RCA's letter order on an application to close out the TBPA certificate of public convenience, the survey plan approach for the STI right-of-way, Whitman True-up, best practices, personnel retirements, and public relations.

The meeting recessed at 10:00 a.m. and reconvened at 10:15 a.m.

9) Staff Reports

A. Operations Manager Report

Mr. Henson announced that the US Army Corps of Engineers is currently assessing several options for Tyee's harbor entrance and provided updates on permitting for ATV use on Tyee's Transmission System and the satellite communications system. He reported that the Current Transformer and Relay Installation at Wrangell, Tyee Lake Turbine Shutoff Valve Controls, Needle Feedback Position Assembly, Governor Manifold and Transformer Bushing Replacements, Schweitzer RTAC Upgrades, Marker Ball Project on the Tyee line, repowering of the SEAPA Landing Craft, and annual maintenance on the Tyee transmission line projects were all complete. Mr. Henson showed a video of the marker ball project for a further understanding of what it takes to replace the marker balls. He advised there had been a lot of visitors at Swan Lake and that Mr. Donato's Swan Lake Report had a lot of good photographs available in the board packet for an update of activities at Swan Lake.

B. Power System Specialist Report

Mr. Schofield reported that hydraulic warranty repairs to the Swan Lake Fixed Wheel Gate were complete and provided an update on the rare and invasive plant assessments at Swan Lake. He reported that Swan Lake's Emergency Action and Public Safety Plans, and annual Dam Safety Surveillance and Monitoring Report had all been submitted to FERC for approval and that in compliance with FERC's security and safety requirements, that the new Swan Lake Dam Access Security Gate was completed and now in service. Mr. Schofield advised that the Dam Safety Surveillance and Monitoring Plan at Swan Lake needs to be rewritten to reflect monitoring requirements following completion of the Swan Lake Reservoir Expansion Project. He closed his report with an update on the Swan Lake Reservoir Miscellaneous Metals Project.

C. *Director of Engineering & Technical Services*

Mr. Siedman opened with a discussion on a Bailey Substation Surge Arrester failure and explained the process for determining origination of the fault. Once the fault was identified, the B-phase arrester was removed, and the line successfully energized pending arrival of replacement surge arresters. He reported a bus failure occurred on September 3rd in Swan Lake's Unit 1 switchgear and explained the process for repairs, and that SEAPA and KPU worked together to get the switchgear back on line. Mr. Siedman incorporated a successful learn-at-lunch training event into his report. The event centered around SEAPA's actions to prevent/mitigate arc flashes, arc flash characteristics, dangers, temperatures, and the causes of electrical arcs.

10) Next Meeting Date(s)

There were no objections to the next board meeting date of December 13-14, 2017 in Petersburg, Alaska.

11) Director Comments

Directors provided brief comments.

12) Adjourn

Chairman Williams adjourned the meeting at 11:14 a.m.

Signed:

Attest:

Secretary/Treasurer

Chairman



SOUTHEAST ALASKA POWER AGENCY CEO FINANCIAL COVER MEMO

DATE: December 6, 2017
TO: SEAPA Board of Directors
FROM: Trey Acteson, CEO

SEAPA's financial position remains solid. The financial statements in your Board packets include August, September, and October 2017. The financials also include power sales graphs reflecting the most recent available data for the month of November.

AUDIT:

BDO financial auditors will join the December 13-14, 2017 Board meeting telephonically to present the Fiscal Year 2017 (FY17) audited financials and to answer any questions the Board may have. Copies of the financial statements will be distributed to the Board ahead of the meeting. Upon Board acceptance, audited financials will be posted on the SEAPA website. I am pleased to report there were no deficiencies in internal controls identified that were of material weakness. The results of BDO's tests disclosed no instances of noncompliance or other matters that are required to be reported under Government Auditing Standards. Kay Key has been instrumental in ensuring our financial records are maintained to a high standard.

REBATE:

The FY17 audit was clean, we have been able to meet our financial obligations, and there have been no catastrophic financial events. We are in a good position financially and the Board should feel confident in approving the disbursement of the FY17 rebate under new business. Regarding the amount of the rebate, the Board previously expressed an interest to revisit the size of the FY17 rebate, potentially holding a portion back to bolster reserves or address risk. There will be an opportunity to delve into this concept under new business prior to approval of the rebate. If the Board decides to reallocate a portion of the \$2.7 million currently earmarked for the rebate, it will require an adjustment to the FY17 audited financials.

INSURANCE - HEDGING OF FINANCIAL RISK: We have completed our annual insurance renewals and I have included an updated copy of SEAPA's Insurance Plan behind this memo. SEAPA's largest identified area of financial risk has been our exposure to property insurance deductibles for a catastrophic earthquake event. Over the last two years, we have successfully reduced our deductible exposure from 5% of the total replacement value to 2%. With a replacement value for this type of event estimated at \$150 million, the deductible has been effectively reduced from \$7.5 million to \$3 million. This is a very significant improvement.

This year marks another major milestone in our coverages. Through our recent competitive bidding process for property insurance, the Agency was able to bind coverage that includes our submarine cables at no additional premium! As the Board knows, submarine cables are one of

our biggest risk items and have historically been self-insured. As is typical with insurance coverages, they cover failures, not corrective or typical end of life replacements. Our new property program provides numerous improvements in coverage, which I have outlined below.

- The extension of coverage to submarine cables with a sublimit of \$5,000,000 per occurrence (with a \$250,000 deductible)
- Increase in the overall limit of protection from \$100 million to \$150 million per occurrence
- Reduction of the base deductible from \$150,000 to \$100,000 per occurrence
- Reduction of the transformers deductible from \$250,000 to \$100,000 per occurrence
- Reduction of the minimum earthquake deductible from \$500,000 to \$100,000
- Reduction of the minimum flood deductible from \$500,000 to \$100,000
- Valuation of 25+ year old transformers improved to replacement cost
- Multi-year (2-years) policy available to lock-in favorable terms and conditions
- Increases to several sub-limits
- Clarification that SEAPA property locations are not considered high hazard flood zones

REVENUE & EXPENSES:

Revenues were off to a slow start at the beginning of the fiscal year, but are beginning to come into alignment with the budget. Impoundment of additional water behind the new flashboards at Swan Lake will likely translate into additional sales later this winter.

Total power purchase revenues through the end of November were \$4,742,197 actual vs. \$4,834,943 budget. Sales should continue their upward trend into December with the current bias toward cooler and dryer weather.

Total administrative and operating expenses through the end of October were \$2,100,514 actual vs. \$2,425,889 budget.

GRANTS:

The State has notified the Agency that the KPI#2 grant for final engineering is being closed out in conjunction with the project being shelved. There is no opportunity to reallocate these funds to an alternative SEAPA project because they were originally awarded through AEA to reduce power costs in a diesel dependent community.

The FY13 DCCED grant is the funding mechanism for our Regional Hydrosite Investigation (HSI) and there has been high activity over the last couple months as we complete engineering, QA/QC, and database preparation ahead of public release. The original grant titled *Hydroelectric Storage, Generation, Transmission, and Business Analysis* is scheduled to expire on June 30, 2018. The Agency will request a one-year extension ahead of the January 8, 2018 renewal deadline to allow for any follow-up to the HSI and address remaining objectives specified in the original grant.

RENEWAL & REPLACEMENT PROJECTS:

Staff made exceptional early progress on several R&R projects. Total expenditures through the first four months of the year were \$1,300,737 of the total FY18 budget of \$3,844,674.

SOUTHEAST ALASKA POWER AGENCY

DISBURSEMENTS

SUGGESTED MOTION		
I move to approve disbursements for the months of October and November 2017 in the amount of \$2,630,460.43.		
FUNDS		AMOUNTS
Revenue Fund	\$	1,524,264.69
R&R Fund	\$	1,106,195.74
TOTAL	\$	<u>2,630,460.43</u>
This list outlines significant expenditures paid during this period:		
BAM LLC -	Neets Bay brushing	\$ 256,000
Electric Power Constructors -	Transmission line maintenance	202,943
Marsh USA LLC -	Insurance - Energy casualty, auto, aviation, crime, D&O, W/C	329,422
Megger -	Relay test system (RR291)	72,089
Northern Powerline Constructors -	Marker ball installation (RR265)	691,782
R&M Engineering KTN -	STI as-built survey	115,150
Wortham Insurance & Risk Mgmt -	Commercial property insurance	119,355
Wells Fargo -	Principal & Interest for 2009 Series and 2015 Series Bonds	264,900

OCTOBER & NOVEMBER 2017

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	New Gen
178531	AK DOL - Mechanical	300.00		
17081618	Alaska Broadcast Communications, Inc.	476.00		
17090958	Alaska Broadcast Communications, Inc.	448.00		
17091040	Alaska Broadcast Communications, Inc.	125.00		
17091041	Alaska Broadcast Communications, Inc.	125.00		
17101076	Alaska Broadcast Communications, Inc.	700.00		
17101169	Alaska Broadcast Communications, Inc.	125.00		
17101170	Alaska Broadcast Communications, Inc.	125.00		
I01410330	Alaska Dispatch News	62.25		
I01412112	Alaska Dispatch News		62.25	
APCM201708	Alaska Permanent Capital Inc	1,675.53		
APCM201709	Alaska Permanent Capital Inc	1,672.98		
1698	Alpine Mini Mart	21.41		
17469	Angerman's Inc	232.30		
17481	Angerman's Inc	84.95		
17638	Angerman's Inc	109.95		
17716	Angerman's Inc	159.90		
8031	Arrowhead LP Gas WRG	24.08		
11264	Arrowhead LP Gas WRG	26.49		
11395	Arrowhead LP Gas WRG	34.21		
2682	Ascent Law Partners LLP	12,294.40		
2694	Ascent Law Partners LLP	8,085.00		
132614853	B&H Photo	2,535.98		
BAM20171031	BAM LLC	256,000.00		
54973	Bay Company Enterprises, LLC	75.86		
6152006	Bay Company Enterprises, LLC		46,019.25	
53960	Bay Company Enterprises, LLC	88.20		
54020	Bay Company Enterprises, LLC	143.80		
887000	BDO USA LLP	23,555.07		
CAM201711	Cambria Properties LLC	1,525.00		
CAM201712	Cambria Properties LLC	1,525.00		
289353	City Market	53.92		

SOUTHEAST ALASKA POWER AGENCY

DISBURSEMENTS

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	New Gen
288760	City Market	503.16		
248543	City Market	17.98		
289138	City Market	195.65		
243627	City Market	230.08		
28549	CoastAlaska, Inc.	2,145.00		
25294	Control Engineers	72.50		
3329214	Daily Journal of Commerce	62.10		
3330694	Daily Journal of Commerce	78.20		
262373102	Dell	1,614.75		
20171113	Diversified Diving Service		12,508.14	
142270949012	Dowl, LLC	5,500.00		
142270949013	Dowl, LLC	1,100.00		
13448	Electric Power Constructors	88,437.60	24,610.80	
13456	Electric Power Constructors		69,483.60	
13522	Electric Power Constructors	1,299.45		
13760	Electric Power Constructors	2,444.31	16,667.26	
7639	ERM Alaska, Inc	371.44		
40840	Evans Keane LLP	227.63		
40887	Evans Keane LLP	300.00		
40888	Evans Keane LLP	(1,311.03)		
40950	Evans Keane LLP	238.00		
41074	Evans Keane LLP	467.51		
41146	Evans Keane LLP	280.00		
243729	First City Electric, Inc.	590.59		
243839	First City Electric, Inc.	98.90		
27334	Frontier Shipping & Copyworks	55.00		
28939	Frontier Shipping & Copyworks	274.11		
30163	Frontier Shipping & Copyworks	7.65		
30225	Frontier Shipping & Copyworks	14.60		
31052	Frontier Shipping & Copyworks	55.00		
SEAPA00417	G2 Risk Consulting	1,575.00		
SEAPA00517	G2 Risk Consulting	3,768.75		
9543442454	Grainger	366.14		
9552766199	Grainger	50.99		
9552766207	Grainger	442.38		
9558470291	Grainger	398.77		
C9559667754	Grainger	(366.14)		
9561049454	Grainger	201.58		
9586523707	Grainger	684.50		
9586607401	Grainger	1,692.30		
9586607419	Grainger	762.00		
9595729097	Grainger	63.00		
9594924236	Grainger	1,907.00		
363539	Hammer & Wikan	326.07		
362151	Hammer & Wikan	18.55		
362114	Hammer & Wikan	13.69		
534268	Harbor Way Parts - NAPA	114.45		
14644	Hardcraft Industries, Inc.		2,093.85	
224	Helicopter Air Alaska LLC	813.75	813.75	
FORD201711	Horizon Ford		41,716.00	
421740046	Hubbell Power Systems, Inc.		34,833.14	
422060827	Hubbell Power Systems, Inc.		6,770.00	
5238	I Even Do Windows	300.00		
5287	I Even Do Windows	300.00		
15394	Ketchikan Autobody & Glass	399.05		
908855	Ketchikan City of 334	14.50		
34215	Ketchikan Daily News	48.90		
34374	Ketchikan Daily News	169.50		

SOUTHEAST ALASKA POWER AGENCY

DISBURSEMENTS

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	New Gen
KGB201711	Ketchikan Gateway Borough	4,669.58		
KGB201712	Ketchikan Gateway Borough	4,669.58		
KJK201711	KJK Repair & Sound	375.00		
4405	Landing Hotel & Restaurant	384.40		
4409	Landing Hotel & Restaurant	292.50		
4410	Landing Hotel & Restaurant	358.05		
4652	Landing Hotel & Restaurant	1,235.29		
4570	Landing Hotel & Restaurant		176.74	
4571	Landing Hotel & Restaurant		158.18	
4650	Landing Hotel & Restaurant		131.20	
97963	LNM Services	90.65		
98074	LNM Services	82.25		
98119	LNM Services	74.29		
98122	LNM Services	181.36		
98128	LNM Services	18.03		
2160671	Madison Lumber & Hardware Inc		2,185.00	
2181961	Madison Lumber & Hardware Inc	12.98		
2202801	Madison Lumber & Hardware Inc		30.00	
2208501	Madison Lumber & Hardware Inc		189.27	
2208581	Madison Lumber & Hardware Inc		156.85	
1702103	Marble Construction	1,597.50		
1702104	Marble Construction	1,426.00		
MARBLE201711	Marble Construction	321.00		
MARBLE201712	Marble Construction	321.00		
288842562614	Marsh USA Inc.	24,250.00		
288846391883	Marsh USA Inc.	214,374.00		
288844963074	Marsh USA Inc.	117,270.00		
288849853270	Marsh USA Inc.	(26,472.00)		
6855	McMillen LLC		13,463.96	
6730	McMillen, LLC	9,346.25		
5590452896	Megger		72,089.06	
5783	Meridian Environmental	610.00		
49446	Mohawk Metal Company		2,685.20	
3129	Northern Powerline Constructors, Inc.		103,131.57	
3173	Northern Powerline Constructors, Inc.		588,650.50	
38892534	Northern Tool & Equipment	62.42		
34563	Northwest Public Power Assn	345.00		
52623	NovaLynx Corporation	1,115.15		
17100630	NRECA 798185 Group Ins	19,320.41		
17110630	NRECA 798185 Group Ins	19,320.41		
17100630A	NRECA 798324 Group Ins Admin	1,706.42		
17110630A	NRECA 798324 Group Ins Admin	1,706.42		
17108042A	NRECA 798330 RSP Admin	571.14		
17118042A	NRECA 798330 RSP Admin	571.14		
415740	Ottesen's Inc	10.56		
415746	Ottesen's Inc	7.58		
416504	Ottesen's Inc	89.98		
416533	Ottesen's Inc	8.40		
416780	Ottesen's Inc	41.70		
416891	Ottesen's Inc	47.97		
100548	Pacific Airways Inc	880.00		
100786	Pacific Airways Inc		880.00	
100909	Pacific Airways Inc	440.00		
100959	Pacific Airways Inc		880.00	
21245	Pacific Wings Inc.		830.00	
37307	Petro Marine Services-WRG	474.08		
559973	Petro Marine Services-WRG	242.77		
38499	Petro Marine Services-WRG	345.61		

SOUTHEAST ALASKA POWER AGENCY

DISBURSEMENTS

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	New Gen
38804	Petro Marine Services-WRG	346.82		
38853	Petro Marine Services-WRG	282.08		
39233	Petro Marine Services-WRG	289.89		
39325	Petro Marine Services-WRG	501.10		
562487	Petro Marine Services-WRG	317.08		
2332-2457	Pure Alaskan Water	64.00		
17272702	R&M Engineering-Ketchikan	80,232.13		
142718041	R&M Engineering-Ketchikan	800.00		
172727003	R&M Engineering-Ketchikan	34,117.97		
972	Ray Matiashowski & Associates	4,000.00		
982	Ray Matiashowski & Associates	4,000.00		
SA116125B	Salisbury Online	836.40		
S370WRA12N	Samson Tug & Barge		53.75	
S370KET23N	Samson Tug & Barge		142.88	
S375KET28N	Samson Tug & Barge		133.05	
S377WRA15N	Samson Tug & Barge	341.87		
422467	Satellite & Sound Inc	250.00		
422525	Satellite & Sound Inc	250.00		
908130214A	Scandia House Hotel	810.00		
908130308A	Scandia House Hotel	876.00		
316242	SE Business Machines	500.00		
316243	SE Business Machines	120.00		
316255	SE Business Machines	1,332.00		
316262	SE Business Machines	1,595.00		
316263	SE Business Machines	1,195.00		
6679	SE Island Fuel	76.98		
6680	SE Island Fuel	70.76		
17253	Segrity LLC	17,372.96		
17255	Segrity LLC		15,732.50	
17256	Segrity LLC		5,220.00	
17257	Segrity LLC	10,790.00		
17258	Segrity LLC		4,050.00	
17259	Segrity LLC		3,780.00	
17260	Segrity LLC	235.88		
17261	Segrity LLC		1,595.00	
17264	Segrity LLC	1,625.00		
17265	Segrity LLC		8,572.50	
17266	Segrity LLC	13,910.00		
17267	Segrity LLC	45.50		
453836	Sentry Hardware & Marine	39.99		
454025	Sentry Hardware & Marine	124.99		
589237	Southeast Auto & Marine Parts, Inc	36.72		
589374	Southeast Auto & Marine Parts, Inc	130.56		
589389	Southeast Auto & Marine Parts, Inc	15.89		
589652	Southeast Auto & Marine Parts, Inc	63.33		
589785	Southeast Auto & Marine Parts, Inc	102.96		
589984	Southeast Auto & Marine Parts, Inc	136.94		
C590235	Southeast Auto & Marine Parts, Inc	(113.59)		
590788	Southeast Auto & Marine Parts, Inc	230.85		
590791	Southeast Auto & Marine Parts, Inc	8.35		
C590818	Southeast Auto & Marine Parts, Inc	(0.46)		
590852	Southeast Auto & Marine Parts, Inc	223.31		
C590887	Southeast Auto & Marine Parts, Inc	(58.48)		
18432	Southeast Diesel & Electric	1,343.29		
4505	Stikine Inn	480.00		
1572	Stikine Transportation		1,100.00	
52827	Sunrise Aviation Inc	5,910.00	1,575.00	
52838	Sunrise Aviation Inc	4,890.00	1,950.00	

SOUTHEAST ALASKA POWER AGENCY

DISBURSEMENTS

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	New Gen
6432	Superior Marine Services	1,070.00		
1107	Svendsen Marine		6,251.10	
31652	Temasco Helicopters, Inc.	21,835.70		
31729	Temasco Helicopters, Inc.		1,940.33	
31730	Temasco Helicopters, Inc.		3,987.33	
31755	Temasco Helicopters, Inc.	3,072.00		
31760	Temasco Helicopters, Inc.	1,168.13	1,168.14	
51233932	Tetra Tech Inc	361.75		
20758	TexRus		3,920.00	
20909	TexRus	2,425.52		
20939	TexRus	120.00		
20940	TexRus		3,360.00	
24204	Therm-Tec, Inc.	1,532.85		
1018100	Tongass Business Center	210.63		
1018110	Tongass Business Center	105.02		
1018101	Tongass Business Center	24.13		
1037290	Tongass Business Center	97.34		
1037291	Tongass Business Center	47.46		
1041660	Tongass Business Center	16.66		
1037292	Tongass Business Center	44.97		
1041661	Tongass Business Center	31.65		
1047130	Tongass Business Center	264.22		
43674	TSS, Inc.	3,937.50		
T111278	Tyler Industrial Supply	84.49		
401659	Van Ness Feldman PC	255.00		
401660	Van Ness Feldman PC	1,741.00		
401883	Van Ness Feldman PC	16,918.46		
WT201709	Washington Tractor, Inc.	8,381.62		
WF09I-201711	Wells Fargo 2009 Interest	25,177.34		
WF09I-201712	Wells Fargo 2009 Interest	25,177.34		
WF09P-201711	Wells Fargo 2009 Principal	66,631.86		
WF09P-201712	Wells Fargo 2009 Principal	66,631.86		
WF15I-201711	Wells Fargo 2015 Interest	40,640.63		
WF15I-201712	Wells Fargo 2015 Interest	40,640.63		
527091	Wortham Insurance & Risk Mgmt	119,355.00		
PH201709	Wrangell City & Borough	5.00		
PH201710	Wrangell City & Borough	4.00		
INV4897	X2nSat	1,590.00		
INV5021	X2nSat	1,590.00		
R31246359	YourMembership.com, Inc.	100.00		
R31299244	YourMembership.com, Inc.	425.00		
201709	Employee Reimbursement	43.74		
201710	Employee Reimbursement	51.80		
201709	Bank of America	26,239.21		
201710	Bank of America	20,826.05	448.59	
Total Disbursements		\$ 1,524,265	\$ 1,106,196	\$ -
		\$2,630,460.43		

* Bank of America credit card charges include employee and board travel, telecom and utility costs:
 ACS, AT&T Mobility, AP&T, GCI, Globalstar, KPU, PSG Borough, Roadpost, Wrangell City & Boro
 These recurring telecom & utility charges are approximately \$12,000/month.



SOUTHEAST ALASKA POWER AGENCY CONTROLLER MEMO

Date: November 30, 2017

From: Kay Key

To: Trey Acteson

Subject: **FINANCIAL STATEMENTS**

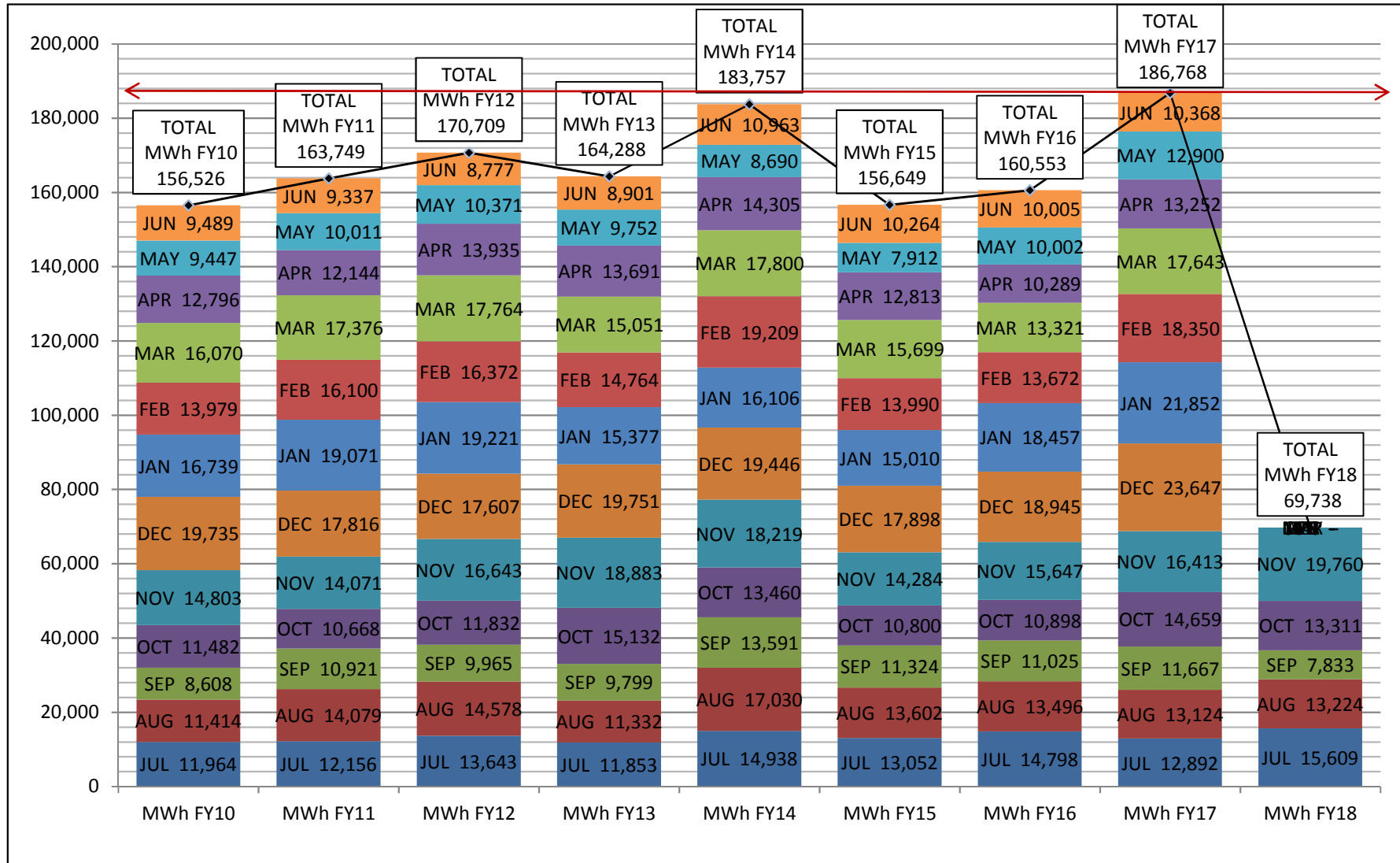
SUGGESTED MOTION

I move to approve financial statements for the months of August, September and October 2017.

The following financial reports are included in this board packet:

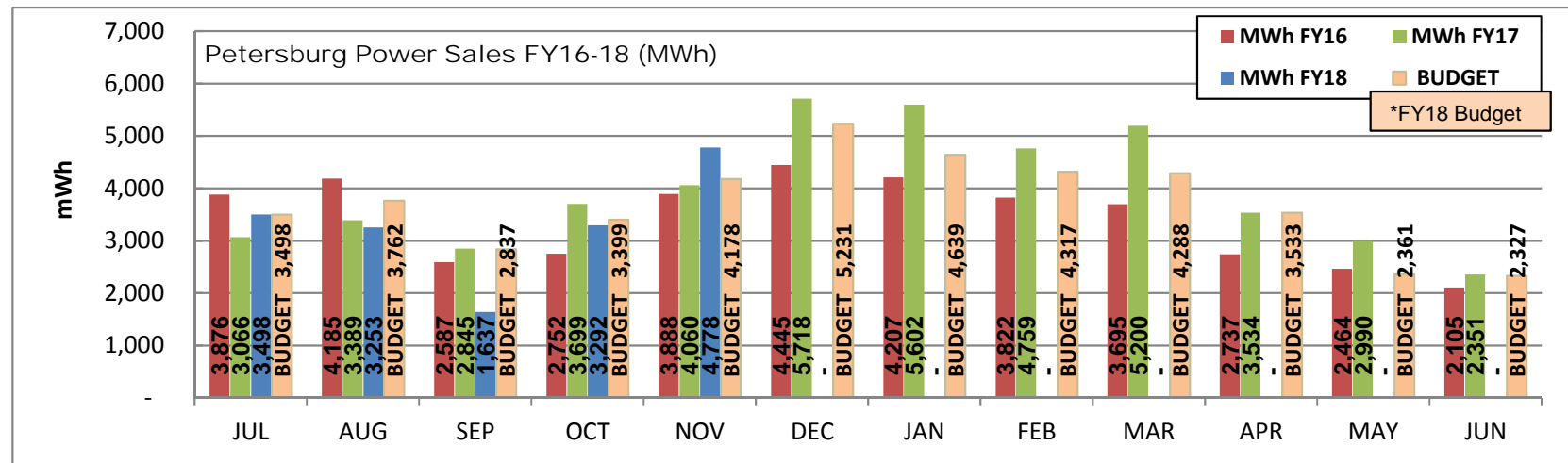
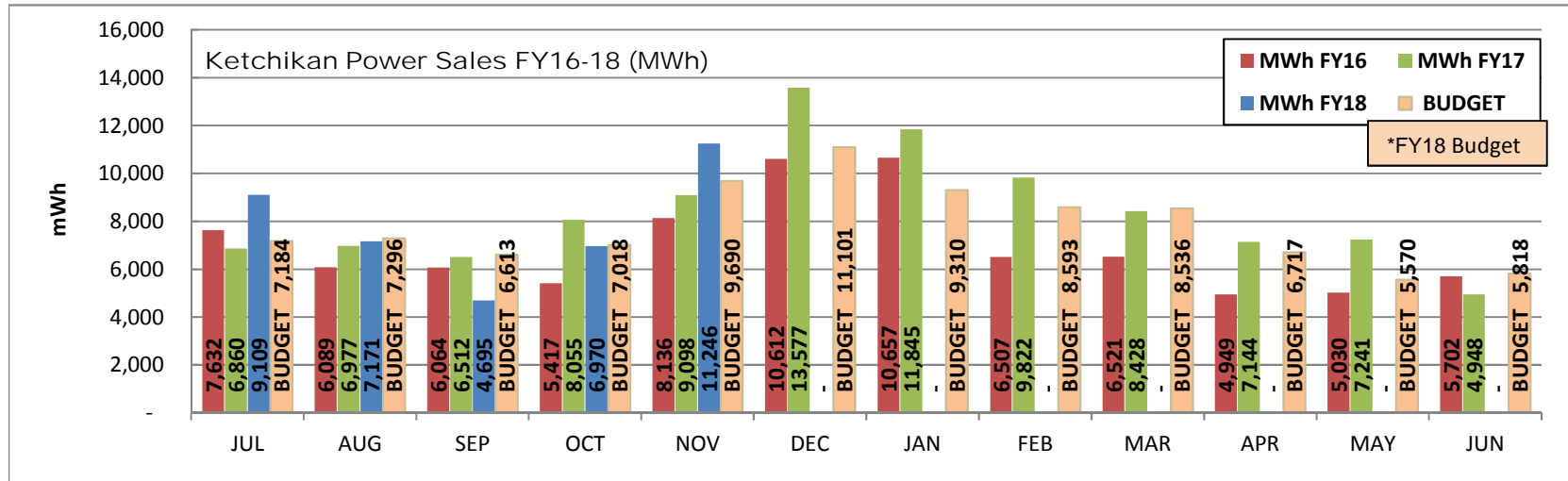
- **kWh Graphs**
 - ✓ MWH Year-Over-Year
 - ✓ Power Sales by Month (3 years)
- **Grant Summary** – September 2017 (quarterly)
- **Monthly Financial Statements for October, September and August:**
 - ✓ Financial Overview
 - ✓ Fund Allocation Graph
 - ✓ Statement of Financial Position – Summary Prior Year Comparison
 - ✓ Statement of Activities – Summary Prior Year Comparison
 - ✓ Statement of Financial Position – Detail
 - ✓ Statement of Activities – Budget Comparison Detail
- **R&R Reports**
 - ✓ Summary
 - ✓ Detail of Expenditures
 - ✓ R&R Project Close-outs

MWh Sales Year-to-Year Comparison



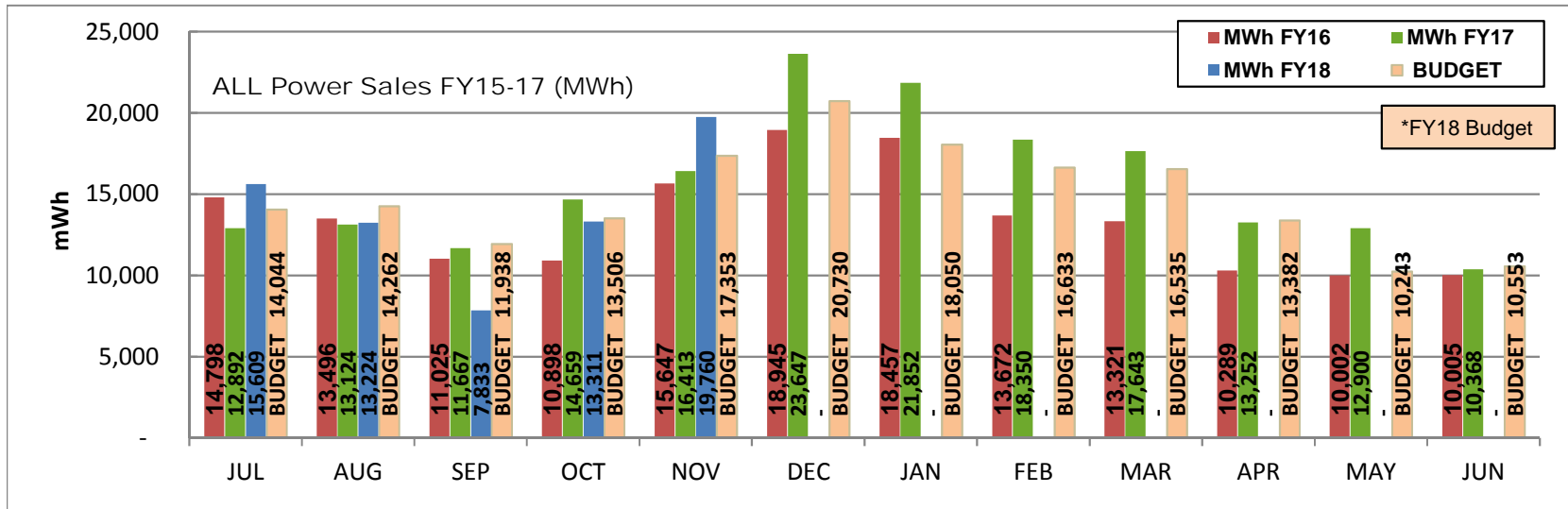
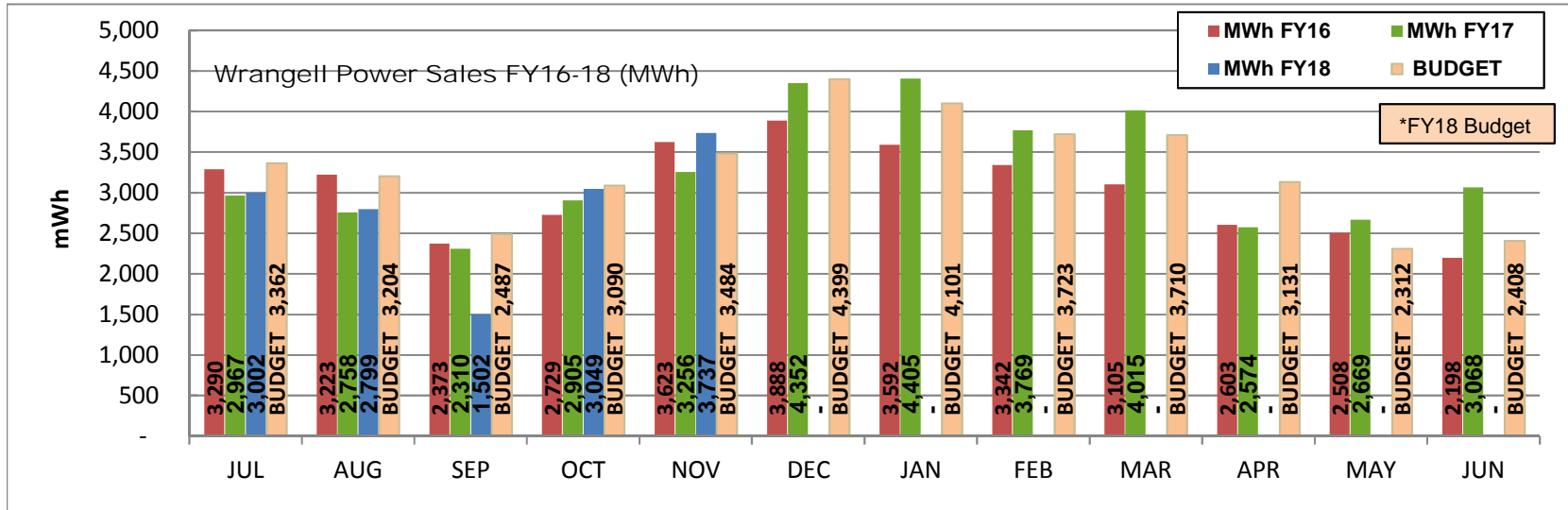
**SOUTHEAST ALASKA POWER AGENCY
FIRM POWER SALES (kWh / MWh)**

NOV 2017	FY18 kWh HYDROPOWER SALES	CURRENT MONTH		YEAR-TO-DATE	
		Actual	Budget	Actual	Budget
	Ketchikan Power Purchases	11,245,792	9,690,382	39,190,640	37,800,974
	Petersburg Power Purchases	4,777,850	4,177,944	16,457,995	17,673,408
	Wrangell Power Purchases	3,736,650	3,484,268	14,089,560	15,627,719
	Total Power Purchases	19,760,292	17,352,594	69,738,195	71,102,101



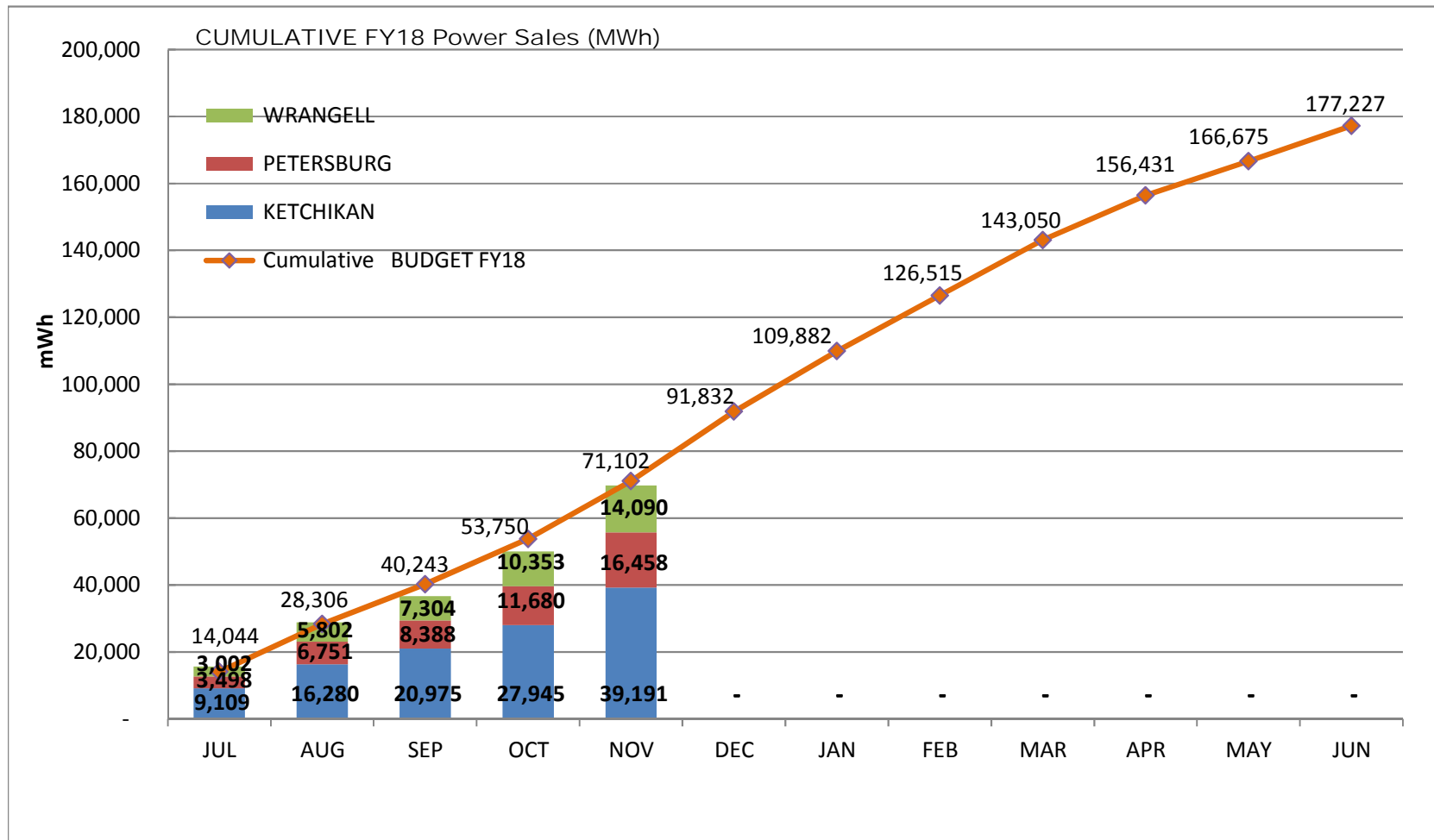
SOUTHEAST ALASKA POWER AGENCY
FIRM POWER SALES (kWh / MWh)

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	Total Power Purchases	19,760,292	17,352,594	69,738,195	71,102,101



**SOUTHEAST ALASKA POWER AGENCY
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	Total Power Purchases	19,760,292	17,352,594	69,738,195	71,102,101



SOUTHEAST ALASKA POWER AGENCY
GRANT SUMMARY
SEPTEMBER 2017

AK DCCED GRANT 13-DC-553			
FY18 Grant Billing	Grant Budget	Billing thru FY18	Open Balance
1 - Hydro Storage	578,000	578,000	0
2 - G&T Site Evaluation	1,705,000	1,313,976	391,024
3 - Stability / Interconnectiv	146,000	0	146,000
4 - Load Balance Model	112,000	9,181	102,819
5 - Project Mgmt	309,000	255,712	53,288
6 - Business Analysis / PSA	150,000	48,015	101,985
Total FY13 AK DCCED	3,000,000	2,204,884	795,116

QUARTERLY BILLING				
Sep-17	Dec-17	Mar-18	Jun-18	FY18
-	-	-	-	-
45,455.00	-	-	-	45,455.00
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
45,455.00	-	-	-	45,455.00



OCTOBER 2017 FINANCIAL OVERVIEW

The following tables provide a snapshot of SEAPA's revenues and expenses for OCTOBER, 2017.

Revenues from kWh sales were under budget:

FIRM kWh SALES	OCTOBER Sales	OCTOBER Budget	Prior Year Sales
Ketchikan	\$473,948	\$477,211	\$547,762
Petersburg	\$223,863	\$231,117	\$251,553
Wrangell	\$207,350	\$210,093	\$197,516
Total Revenue	\$905,160	\$918,421	\$996,832

Fiscal year-to-date revenues from kWh sales were also under budget:

FIRM kWh SALES	YTD Sales	YTD Budget	Prior YTD Sales
Ketchikan	\$1,900,250	\$1,911,520	\$1,931,483
Petersburg	\$794,250	\$917,692	\$883,970
Wrangell	\$703,998	\$825,755	\$743,855
Total Revenue	\$3,398,497	\$3,654,967	\$3,559,308

FIRM kWh SALES (Year-Over-Year)	FISCAL YEAR	OCTOBER kWh	YTD JUL-OCT kWh
	FY2018	13,311,181	49,977,903
	FY2017	14,659,289	52,342,761
	FY2016	10,897,967	50,217,221

Administrative and operating expenses were under budget:

Administrative & Operating Expenses	OCTOBER Actual	OCTOBER Budget	Prior Yr Expense
	\$670,917	\$775,644	\$430,858
	YTD Actual	YTD Budget	Prior YTD Expense
	\$2,100,514	\$2,425,889	\$1,715,619

Expense of \$256K was recorded in October for completion of Neets Bay brushing (571300). R&R projects completed since July totaled over \$1M and were capitalized in October.

AGENCY FUNDSOperations, Capital and Insurance Funds

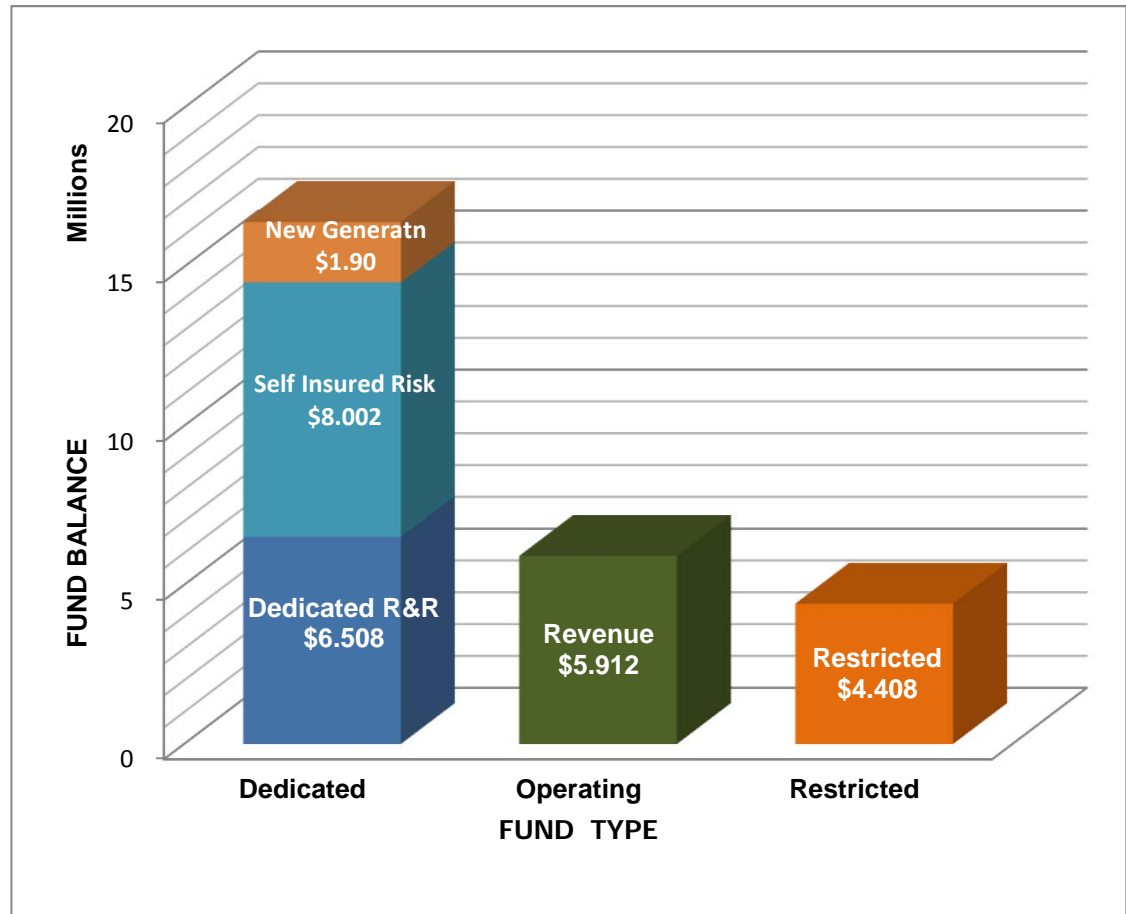
Revenue Fund FB	\$ 5,771,161
Required R&R Fund FB	1,000,206
Dedicated R&R Projects Fund FB	6,507,819
Commercial FB	140,589
New Generation Fund	1,898,448
Self Insured Risk Fund FNBA	8,002,150
Total Operations, Capital and Insurance Funds	23,320,374

Trustee Funds

2009 Bond Interest	\$ 151,318
2009 Bond Principal	400,768
2009 Bond Reserve	1,413,996
2015 Bond Interest	203,481
2015 Bond Reserve	213,385
Total Trustee Funds	2,382,947

Other Restricted Funds

STI - USFS CD WF	\$ 21,626
DNR Reclamation Fund WF	1,003,273
Total Other Restricted Funds	1,024,899
Total Agency Funds	\$ 26,728,220

Dedicated Funds

New Generation = Project feasibility funding (hydro, wind, geothermal)

Self-Insured Risk = Coverage for uninsured transmission lines, submarine cables and insurance deductibles.

Dedicated R&R = Funds Replacement & Repair projects approved by the SEAPA Board in the budget.

Operating Funds

Revenue Fund & Commercial Checking: All SEAPA income is deposited to the Revenue Fund as required by Bond Indentures.

Restricted Funds (Legally or contractually restricted)

Bonds = All Trustee Funds: Bond Interest, Principal, Reserve and Escrow accounts

R&R = \$1,000,000 minimum balance required by bond indenture

DNR = Alaska DNR Reclamation Agreement

USFS = USFS Land Remediation Certificate of Deposit

SOUTHEAST ALASKA POWER AGENCY
Financial Position - Prior Year Comparison
as of October 31, 2017

	OCT 31, 2017	OCT 31, 2016
ASSETS		
Current Assets		
Agency Funds		
111000 · Ops/Capital/Insurance Funds	23,320,354	23,117,902
112000 · Trustee Funds	2,382,947	2,377,803
113000 · Other Restricted Funds	1,024,899	948,892
Total Agency Funds	26,728,200	26,444,597
Accounts Receivable		
110000 · Accounts Receivable	1,354,786	1,527,215
110010 · Unbilled Displaced Sales	-	326,905
110100 · Grants Receivable	-	4,245
Total Accounts Receivable	1,354,786	1,858,364
Other Current Assets		
120200 · Other Receivables	5,800	4,606
120300 · Accrued Interest Receivable	23,454	21,820
120500 · Prepaid Fees	74,155	471,686
120700 · Inventory Assets	1,042,239	1,001,642
Total Other Current Assets	1,145,648	1,499,754
Total Current Assets	29,228,633	29,802,716
Fixed Assets		
130100 · Capital Assets	177,317,481	162,102,073
132200 · R&R Projects WIP Capital Improv	635,988	11,288,071
132900 · Accumulated Depreciation	(41,889,030)	(37,303,101)
Total Fixed Assets	136,064,439	136,087,043
Other Assets		
183000 · Deferred Assets	122,959	388,901
Total Other Assets	122,959	388,901
TOTAL ASSETS	165,416,031	166,278,660
LIABILITIES & EQUITY		
Liabilities		
Current Liabilities		
Accounts Payable		
210100 · Accounts Payable General	1,042,614	1,640,741
Total Accounts Payable	1,042,614	1,640,741
Other Current Liabilities		
210150 · Other Current Liabilities	100,171	12,917
210151 · Member Utility Rebate Payable	2,700,000	800,000
210152 · DNR Fund - CVEA KEA Portion	337,500	300,000
210300 · Reserve Interest Payable	359,414	341,936
210400 · Wages Payable	58,170	65,374
210401 · PTO Payable	179,803	178,588
210500 · Payroll Liabilities	23,360	25,598
Total Other Current Liabilities	3,758,418	1,724,414
Total Current Liabilities	4,801,032	3,365,154
Long Term Liabilities		
220100 · Series B Bonds 2009	6,390,000	7,160,000
220120 · 2009 Bond Issuance Discount	(26,484)	(30,507)
220121 · PERS Unfunded Liability WRG	1,005,501	1,005,501
220130 · Series 2015 Bonds	10,295,000	10,295,000
220131 · 2015 Bond Issuance Premium	857,992	913,050
Total Long Term Liabilities	18,522,009	19,343,044
Total Liabilities	23,323,041	22,708,198
Equity		
310000 · Net Position	142,591,882	142,657,410
Net Income	(498,891)	913,052
Total Equity	142,092,991	143,570,462
TOTAL LIABILITIES & EQUITY	165,416,031	166,278,660

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Prior Year Comparison
October 2017

	OCT 2017	OCT 2016
Operating Income/Expense		
Operating Income		
410000 · Hydro Facility Revenues	905,160	996,832
Total Operating Income	905,160	996,832
Operating Expense		
535000 · Hydro Ops-Suprvsn & Engineering	8,153	4,464
538000 · Electric Expenses	1,657	463
539000 · Misc Power Generation Expense	20,035	30,938
540000 · Rents	15,600	15,432
541000 · Hydro Power Station Maintenance	8,208	1,057
543000 · Dams, Reservoirs & Waterways	2,812	-
544000 · Maintenance of Electric Plant	101,942	103,324
545000 · Plant Miscellaneous Maintenance	525	1,362
561000 · Control System Maintenance	12,240	-
562000 · Trans/Operations Station Exp	3,758	16,782
571000 · Trans/Maint Overhead Lines(OHL)	275,784	25,608
920000 · Admin Wages & Benefits	119,767	124,587
921000 · Office Expenses	2,858	10,344
922000 · Legislative Affairs	4,000	4,000
923000 · Contract Services	18,118	19,589
924000 · Insurance	38,244	38,333
928000 · Regulatory Commission Expense	17,256	16,126
930000 · General Expenses	12,381	11,596
931000 · Admin Rent	7,579	6,853
Total Operating Expense	670,917	430,858
Net Operating Income	234,243	565,973
Nonoperating Income/Expense		
Nonoperating Income		
942000 · Interest Income	10,309	10,107
944000 · Realized Gain/Loss	(500)	-
945000 · Unrealized Gain/Loss	(12,510)	(12,620)
946000 · Misc Nonoperating Income	7,000	-
Total Nonoperating Income	4,299	(2,513)
Nonoperating Expense		
952000 · Bond Interest 2009 Series	27,069	29,642
952001 · Bond Interest 2015 Series	36,052	36,052
953000 · Depreciation Expense	396,514	358,885
954000 · Grant Expenses	142	14,730
Total Nonoperating Expense	459,777	439,310
Net Nonoperating Income	(455,478)	(441,822)
Net Change in Financial Position	(221,235)	124,151

SOUTHEAST ALASKA POWER AGENCY
Statement of Financial Position - Detail
as of October 31, 2017

	Oct 31, 17
ASSETS	
Current Assets	
Agency Funds	
111000 · Ops/Capital/Insurance Funds	
111100 · Revenue Fund FB	5,771,142
111200 · Required R&R Fund FB	1,000,206
111210 · Dedicated R&R Projects Fund FB	6,507,819
111300 · Commercial FB	140,589
111401 · New Generation Fund	1,898,448
111500 · Self Insured Risk Fund FNBA	8,002,150
Total 111000 · Ops/Capital/Insurance Funds	23,320,354
112000 · Trustee Funds	
112100 · WF Trust 2009 Bond Interest	151,318
112200 · WF Trust 2009 Bond Principal	400,768
112300 · WF Trust 2009 Bond Reserve	1,413,996
112501 · WF Trust 2015 Bond Interest	203,481
112503 · WF Trust 2015 Bond Reserve	213,385
Total 112000 · Trustee Funds	2,382,947
113000 · Other Restricted Funds	
113100 · STI - USFS CD WF	21,626
113500 · DNR Reclamation Fund WF	1,003,273
Total 113000 · Other Restricted Funds	1,024,899
Total Agency Funds	26,728,200
Accounts Receivable	
110000 · Accounts Receivable	1,354,786
Total Accounts Receivable	1,354,786
Other Current Assets	
120200 · Other Receivables	5,800
120300 · Accrued Interest Receivable	23,454
120500 · Prepaid Fees	
120530 · Prepaid Operating Expense	16,159
120540 · Prepaid USDA FS Land Use Fees	16,533
120550 · Prepaid Admin Benefits	41,463
Total 120500 · Prepaid Fees	74,155
120700 · Inventory Assets	
1207001 · Inventory - Spares-Stores	151,834
1207003 · Inventory - SWL Winding Replace	890,405
Total 120700 · Inventory Assets	1,042,239
Total 120000 - Other Current Assets	1,145,648
Total Current Assets	29,228,633
Fixed Assets	
130100 · Capital Assets	
130110 · Swan Lake	30,575,359
130120 · Tyee Lake	31,137,006
130130 · SEAPA Office	809,677
132100 · Swan Tyee Intertie in Operation	114,795,439
Total 130100 · Capital Assets	177,317,481
132200 · R&R Projects WIP Capital Improv	
132210 · R&R Projects - WIP Swan Lake	130,432
132220 · R&R Projects - WIP Tyee Lake	505,556
Total 132200 · R&R Projects WIP Capital Improv	635,988
132900 · Accumulated Depreciation	(41,889,030)
Total 130000 - Fixed Assets	136,064,439
Other Assets	
183000 · Deferred Assets	
183003 · 2009 Bond - Refunded Discount	122,959
Total 183000 · Deferred Assets	122,959
TOTAL ASSETS	165,416,031

SOUTHEAST ALASKA POWER AGENCY
Statement of Financial Position - Detail
as of October 31, 2017

	Oct 31, 17
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
210100 · Accounts Payable General	1,042,614
Total Accounts Payable	1,042,614
Other Current Liabilities	
210150 · Other Current Liabilities	100,171
210151 · Member Utility Rebate Payable	2,700,000
210152 · DNR Fund - CVEA KEA Portion	337,500
210300 · Reserve Interest Payable	359,414
210400 · Wages Payable	58,170
210401 · PTO Payable	179,803
210500 · Payroll Liabilities	
210521 · FICA Payable	3,581
210522 · SUI Tax Payable	140
210531 · IBEW H&W Payable	11,114
210540 · 457(b) Payable	1,075
210541 · IBEW Pension Payable	6,775
210550 · IBEW Dues Payable	675
Total 210500 · Payroll Liabilities	23,360
Total Other Current Liabilities	3,758,418
Total Current Liabilities	4,801,032
Long Term Liabilities	
220100 · Series B Bonds 2009	6,390,000
220120 · 2009 Bond Issuance Discount	(26,484)
220121 · PERS Unfunded Liability WRG	1,005,501
220130 · Series 2015 Bonds	10,295,000
220131 · 2015 Bond Issuance Premium	857,992
Total Long Term Liabilities	18,522,009
Total Liabilities	23,323,041
Net Position	
310000 · Net Position	
3100001 · Net Investment Capital Assets	119,036,952
3100002 · Restricted for Debt Service	1,589,894
3100003 · Restricted by External Agreemnt	1,024,898
3100004 · Unrestricted	20,940,138
Total 310000 · Net Position	142,591,882
Net Income	(498,891)
Total Net Position	142,092,991
TOTAL LIABILITIES & NET POSITION	165,416,031

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Budget Comparison
October 2017

	Oct 2017	Budget	Jul-Oct'17	YTD Budget	Annual Budget
Operating Income/Expense					
Operating Income					
410000 · Hydro Facility Revenues					
410100 · Ketchikan Power Purchases	473,948	477,211	1,900,250	1,911,520	6,354,335
410200 · Petersburg Power Purchases	223,863	231,117	794,250	917,692	3,017,107
410300 · Wrangell Power Purchases	207,350	210,093	703,998	825,755	2,680,012
Total 410000 · Hydro Facility Revenues	905,160	918,421	3,398,497	3,654,967	12,051,454
Total Operating Income	905,160	918,421	3,398,497	3,654,967	12,051,454
Operating Expense					
535000 · Hydro Ops-Suprvsn & Engineering					
535100 · Hyd/Ops Sup & Eng - Swan Lake	735	1,540	1,843	6,160	18,480
535150 · Hyd/Ops Sup & Eng - SWL SEAPA	1,918	150	12,858	600	79,000
535250 · Hyd/Ops Sup & Eng - TYL SEAPA	-	1,650	-	6,600	21,500
535400 · Hyd/Op Sup & Eng - Proj Drawing	5,500	7,500	9,900	20,000	91,000
Total 535000 · Hydro Ops-Suprvsn & Engineering	8,153	10,840	24,600	33,360	209,980
537000 · Hydraulic Expenses					
537150 · Hydraulic Expense - SWL SEAPA	-	-	-	-	2,500
537250 · Hydraulic Expense - TYL SEAPA	-	-	-	-	2,500
Total 537000 · Hydraulic Expenses	-	-	-	-	5,000
538000 · Electric Expenses					
538100 · Electric Expense - Swan Lake	137	2,000	2,936	9,000	25,000
538150 · Electric Expense - SWL SEAPA	591	3,000	8,300	11,000	35,000
538200 · Electric Expense - Tyee Lake	930	1,800	1,395	6,900	20,500
538250 · Electric Expense - TYL SEAPA	-	3,000	-	10,000	35,000
Total 538000 · Electric Expenses	1,657	9,800	12,631	36,900	115,500
539000 · Misc Power Generation Expense					
539100 · Misc Exp - Swan Lake	5,376	10,000	19,250	33,000	104,195
539150 · Misc Expense - SWL SEAPA	-	6,000	886	6,750	9,000
539151 · Misc Expense - SWL Communicatn	1,990	2,400	11,356	9,800	29,500
539200 · Misc Expense - Tyee Lake	5,484	5,000	21,660	27,500	87,500
539250 · Misc Expense - TYL SEAPA	300	2,500	16,720	9,500	36,500
539251 · Misc Expense - TYL Communicatn	6,885	7,600	26,396	30,100	91,400
Total 539000 · Misc Power Generation Expense	20,035	33,500	96,268	116,650	358,095
540000 · Rents					
540300 · FERC Land Use Fee - Swan Lake	1,667	1,670	6,667	6,640	20,000
540400 · FERC Land Use Fee - Tyee Lake	5,667	5,670	22,667	22,640	68,000
540500 · USDA Land Use Fee - USFS ROW	1,997	2,000	7,988	7,900	24,500
540600 · USDA Land Use Fee - STI	6,116	6,100	24,464	24,400	75,000
540601 · AK DNR Land Use Fee - STI	-	2,000	-	4,000	20,000
540700 · USDA Tyee Passive Reflector	108	110	434	430	1,400
540710 · USDA Etolin Burnett Radio	46	50	183	200	600
Total 540000 · Rents	15,600	17,600	62,402	66,210	209,500
541000 · Hydro Power Station Maintenance					
541100 · Maintenance - Swan Lake	1,357	2,400	5,956	9,600	29,000
541150 · Maintenance - SWL SEAPA	1,214	2,200	1,214	9,000	27,500
541200 · Maintenance - Tyee Lake	5,007	1,700	8,095	6,800	21,500
541250 · Maintenance - TYL SEAPA	630	2,200	630	8,800	27,500
Total 541000 · Hydro Power Station Maintenance	8,208	8,500	15,896	34,200	105,500
543000 · Dams, Reservoirs & Waterways					
543100 · Dams Res & Waterwys - Swan Lake	-	600	1,133	1,800	5,000
543150 · Dams Res & Waterwys - SWL SEAPA	2,812	2,700	2,812	26,100	48,500
543200 · Dams Res & Waterwys - Tyee Lake	-	500	-	2,500	6,500
543250 · Dams Res & Waterwys - TYL SEAPA	-	-	17,000	17,000	45,000
Total 543000 · Dams, Reservoirs & Waterways	2,812	3,800	20,945	47,400	105,000

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Budget Comparison
October 2017

	Oct 2017	Budget	Jul-Oct'17	YTD Budget	Annual Budget
544000 · Maintenance of Electric Plant					
544100 · Maint Electric Plant-Swan Lake	53,228	50,514	200,274	202,054	606,166
5442900 · TYL Plant Wages & Benefits					
5442911 · TYL Plant Wages/PTO	33,341	29,500	129,349	124,200	384,000
5442912 · TYL Plant Wages OT	794	1,520	17,602	7,270	36,000
5442920 · TYL Plant Benefit - Taxes	2,607	2,510	11,264	10,250	33,700
5442930 · TYL Plant Benefits - Insurance	7,338	7,340	29,352	29,360	89,200
5442940 · TYL Plant Benefits - Retirement	4,635	4,580	19,653	18,680	58,100
5442992 · TYL Plant Grant-Capital Payroll	-	-	(5,832)	-	-
Total 5442900 · TYL Plant Wages & Benefits	48,715	45,450	201,387	189,760	601,000
Total 544000 · Maintenance of Electric Plant	101,942	95,964	401,660	391,814	1,207,166
545000 · Plant Miscellaneous Maintenance					
545100 · Plant Misc Maint - Swan Lake	-	4,900	1,822	19,600	59,000
545150 · Plant Misc Maint - SWL SEAPA	-	4,000	4,834	9,000	16,600
545200 · Plant Misc Maint - Tyee Lake	525	1,700	9,131	6,800	20,500
545251 · Plant Misc Maint - WRG Warehous	-	5,000	8,382	10,000	13,000
Total 545000 · Plant Miscellaneous Maintenance	525	15,600	24,169	45,400	109,100
561000 · Control System Maintenance					
561150 · Control System Maint. - SWL	8,277	3,200	15,323	12,900	38,500
561250 · Control System Maint. - TYL	3,963	3,000	16,396	14,500	38,500
Total 561000 · Control System Maintenance	12,240	6,200	31,719	27,400	77,000
562000 · Trans/Operations Station Exp					
562100 · Trans/Ops Station - Swan Lake	-	1,250	-	5,000	15,000
562200 · Trans/Ops Station - Tyee Lake	160	1,000	2,600	4,000	12,200
562250 · Trans/Ops Station-TYL SEAPA	3,598	1,500	7,848	5,100	17,200
Total 562000 · Trans/Operations Station Exp	3,758	3,750	10,448	14,100	44,400
564000 · Trans/Submarine Cable Expense					
564200 · Trans/Sub Cable Exp - Tyee Lake	-	625	668	2,500	542,500
Total 564000 · Trans/Submarine Cable Expense	-	625	668	2,500	542,500
571000 · Trans/Maint Overhead Lines(OHL)					
571100 · Trans/Maint OHL - Swan Lake	207	1,000	2,610	3,100	24,000
571150 · Trans/Maint OHL - SWL SEAPA	-	1,000	-	4,000	303,223
571151 · Trans/Maint OHL - SWL ROW Clear	-	8,000	-	26,000	55,000
571200 · Trans/Maint OHL - Tyee Lake	2,051	3,600	15,661	14,400	43,250
571250 · Trans/Maint OHL - TYL SEAPA	1,909	1,000	90,347	102,000	318,014
5712900 · TYL Brushing Wages & Benefits					
5712911 · TYL Brushing Wages/PTO	8,938	12,300	40,404	52,600	151,000
5712912 · TYL Brushing Wages OT	-	550	5,189	5,200	14,000
5712920 · TYL Brushing Benefit - Taxes	869	1,700	3,782	6,830	13,500
5712930 · TYL Brushing Benefit- Insurance	3,669	3,740	14,676	14,960	44,600
5712940 · TYL Brushing Benefit- Retirement	2,140	2,400	9,544	9,640	28,900
5712992 · TYL Brush Grant-Capital Payroll	-	-	(206)	-	-
Total 5712900 · TYL Brushing Wages & Benefits	15,616	20,690	73,390	89,230	252,000
571300 · Trans/Maint OHL STI Maintenance	256,000	238,000	256,210	241,000	515,907
571500 · Trans/Maint OHL STI Therml Scan	-	250	-	1,000	3,400
571700 · Trans/Maint OH STI Clearing	-	11,000	-	34,000	65,000
571800 · Trans/Maint OHL System Events	-	4,000	-	13,000	40,000
Total 571000 · Trans/Maint Overhead Lines(OHL)	275,784	288,540	438,217	527,730	1,619,794

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Budget Comparison
October 2017

	Oct 2017	Budget	Jul-Oct'17	YTD Budget	Annual Budget
920000 · Admin Wages & Benefits					
9201911 · Admin Wages/PTO	73,999	73,000	288,659	292,000	952,000
9201912 · Admin Wages - Overtime	-	150	-	600	2,000
9201920 · Admin Benefit - Taxes	3,599	5,400	17,724	21,600	65,000
9201930 · Admin Benefit - H&W Insurance	19,178	19,200	76,713	76,800	271,000
9201940 · Admin Benefit - Retirement	22,991	23,000	92,965	91,850	292,000
Total 920000 · Admin Wages & Benefits	119,767	120,750	476,061	482,850	1,582,000
921000 · Office Expenses					
921100 · Office Supplies	1,169	1,250	5,620	5,000	15,000
921200 · Office Equipment	-	1,250	8,021	5,000	15,000
921300 · Phone, Courier, Internet	1,629	1,975	6,460	7,900	23,700
921400 · System Network / IT Support	46	4,500	10,297	17,000	55,700
921600 · Vehicle Expenses	14	350	247	1,400	4,200
Total 921000 · Office Expenses	2,858	9,325	30,644	36,300	113,600
922000 · Legislative Affairs	4,000	5,000	16,000	18,000	58,000
923000 · Contract Services					
923200 · Annual Financial Audit	-	24,000	-	24,000	35,000
923300 · Bank & Trustee Fees	258	300	1,128	1,200	16,400
923400 · Insurance Consultant	3,769	4,000	6,244	6,250	9,000
923500 · Investment Consultant	1,672	1,900	6,693	7,200	24,500
923600 · Legal Fees	10,361	15,000	41,672	60,000	180,000
923700 · Recruitment	1,697	2,000	7,896	7,500	26,000
923800 · Other Professional Services	362	4,250	586	17,000	51,000
Total 923000 · Contract Services	18,118	51,450	64,219	123,150	341,900
924000 · Insurance	38,244	40,000	153,226	156,600	478,000
928000 · Regulatory Commission Expense					
928001 · Other Regulatory Expense	3,072	29,000	112,811	144,000	204,700
928150 · FERC SWL Admin Fees	2,513	3,000	7,923	12,000	36,000
928151 · FERC SWL Other Expenses	9,346	2,250	13,845	16,000	122,000
928250 · FERC TYL Admin Fees	2,325	2,750	7,255	11,000	33,000
928251 · FERC TYL Other Expenses	-	-	-	-	-
Total 928000 · Regulatory Commission Expense	17,256	37,000	141,834	183,000	395,700
930000 · General Expenses					
930100 · Advertising Expense	-	250	441	1,000	3,000
930110 · Public Relations	3,095	2,700	10,877	10,800	32,500
930111 · PR - SEAPA History Project	-	-	-	-	-
930300 · Association Dues Expense	-	-	-	1,000	33,000
930310 · Professional Assn Dues	350	-	350	375	575
930400 · Board Meeting Expenses	1,007	1,000	12,073	13,000	37,000
930500 · Training Expense	2,450	2,500	16,440	16,000	30,500
930600 · Travel Expense	5,404	3,500	9,547	10,500	35,000
930700 · Non-Travel Incidental	74	300	167	1,200	4,000
Total 930000 · General Expenses	12,381	10,250	49,894	53,875	175,575
931000 · Admin Rent					
931010 · Office Rent	5,750	5,350	21,241	21,250	64,600
931100 · Apartment Rent - Ketchikan	1,830	1,800	7,772	7,200	22,000
Total 931000 · Admin Rent	7,579	7,150	29,012	28,450	86,600
Total Operating Expense	670,917	775,644	2,100,514	2,425,889	7,939,910
Net Operating Income	234,243	142,777	1,297,983	1,229,078	4,111,544

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Budget Comparison
October 2017

	Oct 2017	Budget	Jul-Oct'17	YTD Budget	Annual Budget
Nonoperating Income/Expense					
Nonoperating Income					
941000 · Grant Income	-		25,420		
942000 · Interest Income					
942100 · Misc Interest Income	1,781		6,040		
942200 · Investment Interest Income	8,528		32,842		
942000 · Interest Income - Other	-		444		
Total 942000 · Interest Income	<u>10,309</u>		<u>39,327</u>		
944000 · Realized Gain/Loss					
944200 · Realized Gain/Loss on Invest	(500)		(3,668)		
Total 944000 · Realized Gain/Loss	<u>(500)</u>		<u>(3,668)</u>		
945000 · Unrealized Gain/Loss					
945200 · Unrealized Gain/Loss Investment	(12,510)		(12,338)		
Total 945000 · Unrealized Gain/Loss	<u>(12,510)</u>		<u>(12,338)</u>		
946000 · Misc Nonoperating Income					
946002 · Gain/Loss on Property Dispositi	7,000		7,000		
Total 946000 · Misc Nonoperating Income	<u>7,000</u>		<u>7,000</u>		
Total Nonoperating Income	<u>4,299</u>		<u>55,740</u>		
Nonoperating Expense					
952000 · Bond Interest 2009 Series	27,069		108,276		
952001 · Bond Interest 2015 Series	36,052		144,210		
953000 · Depreciation Expense	396,514		1,574,567		
954000 · Grant Expenses					
954002 · Grant Contractual	-		25,420		
954008 · Grant Travel	142		142		
Total 954000 · Grant Expenses	<u>142</u>		<u>25,562</u>		
Total Nonoperating Expense	<u>459,777</u>		<u>1,852,615</u>		
Net Nonoperating Income	<u>(455,478)</u>		<u>(1,796,874)</u>		
Net Income	<u>(221,235)</u>	<u>142,777</u>	<u>(498,891)</u>	<u>1,229,078</u>	<u>4,111,544</u>



SEPTEMBER 2017 FINANCIAL OVERVIEW

The following tables provide a snapshot of SEAPA's revenues and expenses for SEPTEMBER, 2017.

Revenues from kWh sales were under budget:

FIRM kWh SALES	SEPTEMBER Sales	SEPTEMBER Budget	Prior Year Sales
Ketchikan	\$319,232	\$449,682	\$442,812
Petersburg	\$111,308	\$192,937	\$193,473
Wrangell	\$102,133	\$169,134	\$157,070
Total Revenue	\$532,673	\$811,753	\$793,355

Fiscal year-to-date revenues from kWh sales were also under budget:

FIRM kWh SALES	YTD Sales	YTD Budget	Prior YTD Sales
Ketchikan	\$1,426,302	\$1,434,309	\$1,383,721
Petersburg	\$570,387	\$686,575	\$632,417
Wrangell	\$496,648	\$615,662	\$546,339
Total Revenue	\$2,493,337	\$2,736,546	\$2,562,476

FIRM kWh SALES (Year-Over-Year)	FISCAL YEAR	SEPTEMBER kWh	YTD JUL-SEP kWh
	FY2018	7,833,430	36,666,722
	FY2017	11,666,990	37,683,472
	FY2016	11,024,569	39,319,254

Administrative and operating expenses were under budget:

Administrative & Operating Expenses	SEPTEMBER Actual	SEPTEMBER Budget	Prior Yr Expense
	\$626,438	\$645,744	\$397,877
	YTD Actual	YTD Budget	Prior YTD Expense
	\$1,429,597	\$1,650,245	\$1,284,761

Overhead line maintenance, postponed from June, took place this month. Related expense was recorded in FERC 571. Marker balls and dampeners in inventory (120701) were assigned Tyee R&R capital projects WIP (132220).

AGENCY FUNDS

Operations, Capital and Insurance Funds

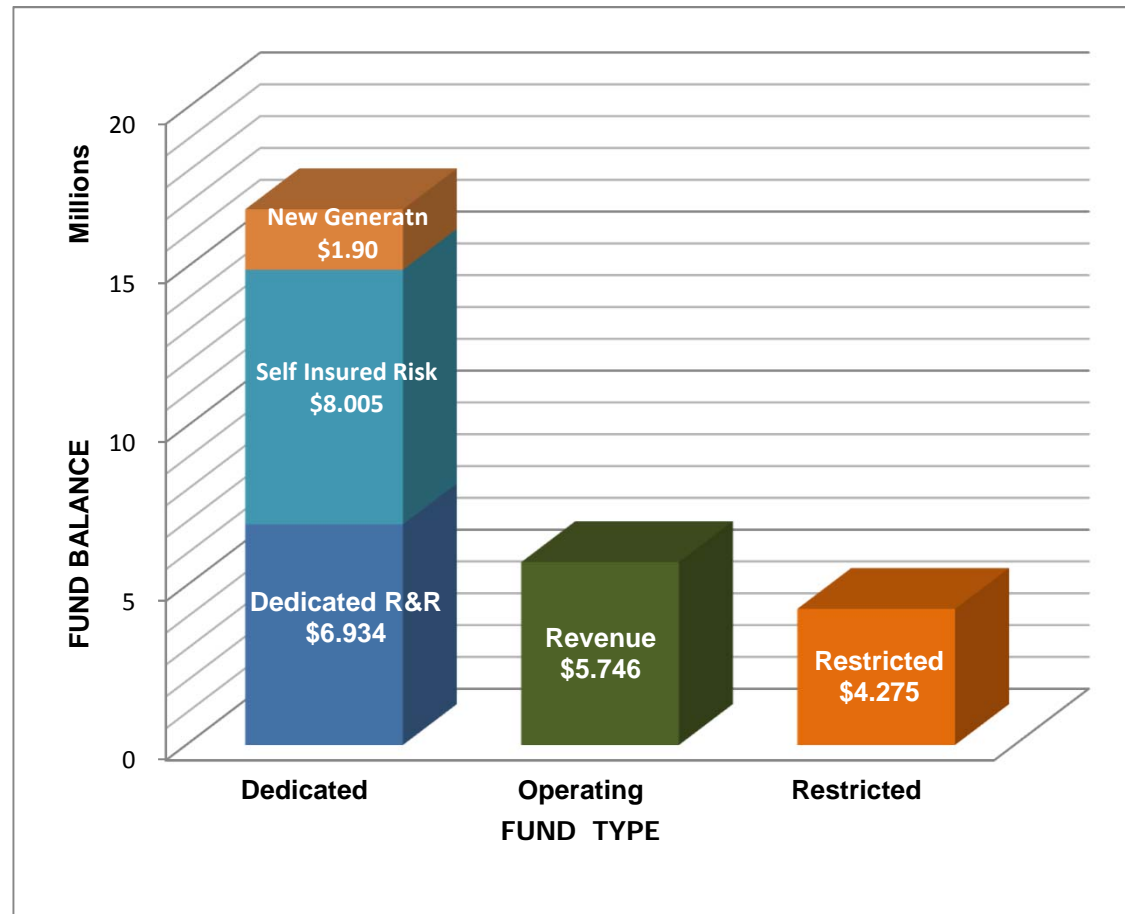
Revenue Fund FB	\$ 5,744,524
Required R&R Fund FB	1,000,154
Dedicated R&R Projects Fund FB	6,934,126
Commercial FB	1,000
New Generation Fund	1,898,350
Self Insured Risk Fund FNBA	8,005,077
Total Operations, Capital and Insurance Funds	23,583,231

Trustee Funds

2009 Bond Interest	\$ 126,091
2009 Bond Principal	334,003
2009 Bond Reserve	1,413,343
2015 Bond Interest	162,778
2015 Bond Reserve	213,286
Total Trustee Funds	2,249,501

Other Restricted Funds

STI - USFS CD WF	\$ 21,625
DNR Reclamation Fund WF	1,003,273
Total Other Restricted Funds	1,024,898
Total Agency Funds	\$ 26,857,630



Dedicated Funds

New Generation = Project feasibility funding (hydro, wind, geothermal)

Self-Insured Risk = Coverage for uninsured transmission lines, submarine cables and insurance deductibles.

Dedicated R&R = Funds Replacement & Repair projects approved by the SEAPA Board in the budget.

Operating Funds

Revenue Fund & Commercial Checking: All SEAPA income is deposited to the Revenue Fund as required by Bond Indentures.

Restricted Funds (Legally or contractually restricted)

Bonds = All Trustee Funds: Bond Interest, Principal, Reserve and Escrow accounts

R&R = \$1,000,000 minimum balance required by bond indenture

DNR = Alaska DNR Reclamation Agreement

USFS = USFS Land Remediation Certificate of Deposit

SOUTHEAST ALASKA POWER AGENCY
Financial Position - Prior Year Comparison
as of September 30, 2017

	SEP 30, 2017	SEP 30, 2016
ASSETS		
Current Assets		
Agency Funds		
111000 · Ops/Capital/Insurance Funds	23,583,231	23,976,294
112000 · Trustee Funds	2,249,501	2,245,227
113000 · Other Restricted Funds	1,024,898	948,891
Total Agency Funds	26,857,630	27,170,413
Accounts Receivable		
110000 · Accounts Receivable	1,197,555	1,412,131
110010 · Unbilled Displaced Sales	-	326,905
110100 · Grants Receivable	-	4,245
Total Accounts Receivable	1,197,555	1,743,280
Other Current Assets		
120200 · Other Receivables	5,800	4,606
120300 · Accrued Interest Receivable	25,243	20,967
120500 · Prepaid Fees	142,150	542,998
120700 · Inventory Assets	1,042,239	944,809
Total Other Current Assets	1,215,431	1,513,379
Total Current Assets	29,270,617	30,427,072
Fixed Assets		
130100 · Capital Assets	176,273,987	162,102,073
132200 · R&R Projects WIP Capital Improv	1,555,863	10,027,141
132900 · Accumulated Depreciation	(41,492,516)	(36,944,216)
Total Fixed Assets	136,337,334	135,184,998
Other Assets		
183000 · Deferred Assets	124,515	390,380
Total Other Assets	124,515	390,380
TOTAL ASSETS	165,732,465	166,002,450
LIABILITIES & EQUITY		
Liabilities		
Current Liabilities		
Accounts Payable		
210100 · Accounts Payable General	1,212,269	1,492,793
Total Accounts Payable	1,212,269	1,492,793
Other Current Liabilities		
210150 · Other Current Liabilities	88,000	-
210151 · Member Utility Rebate Payable	2,700,000	800,000
210152 · DNR Fund - CVEA KEA Portion	337,500	300,000
210300 · Reserve Interest Payable	293,596	273,545
210400 · Wages Payable	57,440	244,001
210401 · PTO Payable	177,095	-
210500 · Payroll Liabilities	26,079	26,682
Total Other Current Liabilities	3,679,709	1,644,228
Total Current Liabilities	4,891,978	3,137,021
Long Term Liabilities		
220100 · Series B Bonds 2009	6,390,000	7,160,000
220120 · 2009 Bond Issuance Discount	(26,819)	(30,842)
220121 · PERS Unfunded Liability WRG	1,005,501	1,077,322
220130 · Series 2015 Bonds	10,295,000	10,295,000
220131 · 2015 Bond Issuance Premium	862,580	917,638
Total Long Term Liabilities	18,526,262	19,419,118
Total Liabilities	23,418,240	22,556,139
Equity		
310000 · Net Position	142,591,882	142,657,410
Net Income	(277,656)	788,900
Total Equity	142,314,226	143,446,311
TOTAL LIABILITIES & EQUITY	165,732,465	166,002,450

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Prior Year Comparison
September 2017

	SEP 2017	SEP 2016
Operating Income/Expense		
Operating Income		
410000 · Hydro Facility Revenues	532,673	793,355
Total Operating Income	532,673	793,355
Operating Expense		
535000 · Hydro Ops-Suprvsn & Engineering	6,711	888
538000 · Electric Expenses	-	2,496
539000 · Misc Power Generation Expense	21,682	47,886
540000 · Rents	15,600	15,176
541000 · Hydro Power Station Maintenance	3,067	2,895
544000 · Maintenance of Electric Plant	102,427	98,110
545000 · Plant Miscellaneous Maintenance	19,479	969
561000 · Control System Maintenance	1,286	401
562000 · Trans/Operations Station Exp	3,851	1,433
564000 · Trans/Submarine Cable Expense	244	1,606
571000 · Trans/Maint Overhead Lines(OHL)	113,803	18,311
920000 · Admin Wages & Benefits	125,499	129,074
921000 · Office Expenses	10,867	11,494
922000 · Legislative Affairs	4,000	4,000
923000 · Contract Services	18,502	10,847
924000 · Insurance	38,244	38,268
928000 · Regulatory Commission Expense	115,481	5,788
930000 · General Expenses	18,559	2,034
931000 · Admin Rent	7,136	6,204
Total Operating Expense	626,438	397,877
Net Operating Income	(93,765)	395,478
Nonoperating Income/Expense		
Nonoperating Income		
941000 · Grant Income	25,420	177,730
942000 · Interest Income	9,961	(8,413)
944000 · Realized Gain/Loss	35	3,135
945000 · Unrealized Gain/Loss	(20,279)	446
Total Nonoperating Income	15,137	172,898
Nonoperating Expense		
952000 · Bond Interest 2009 Series	27,069	29,642
952001 · Bond Interest 2015 Series	36,052	36,052
953000 · Depreciation Expense	392,684	358,885
954000 · Grant Expenses	-	343
954100 · Contributed Capital	-	-
Total Nonoperating Expense	455,806	424,922
Net Nonoperating Income	(440,669)	(252,024)
Net Change in Financial Position	(534,434)	143,454

SOUTHEAST ALASKA POWER AGENCY
Statement of Financial Position - Detail
as of September 30, 2017

	Sep 30, 17
ASSETS	
Current Assets	
Agency Funds	
111000 · Ops/Capital/Insurance Funds	
111100 · Revenue Fund FB	5,744,524
111200 · Required R&R Fund FB	1,000,154
111210 · Dedicated R&R Projects Fund FB	6,934,126
111300 · Commercial FB	1,000
111401 · New Generation Fund	1,898,350
111500 · Self Insured Risk Fund FNBA	8,005,077
Total 111000 · Ops/Capital/Insurance Funds	23,583,231
112000 · Trustee Funds	
112100 · WF Trust 2009 Bond Interest	126,091
112200 · WF Trust 2009 Bond Principal	334,003
112300 · WF Trust 2009 Bond Reserve	1,413,343
112501 · WF Trust 2015 Bond Interest	162,778
112503 · WF Trust 2015 Bond Reserve	213,286
Total 112000 · Trustee Funds	2,249,501
113000 · Other Restricted Funds	
113100 · STI - USFS CD WF	21,625
113500 · DNR Reclamation Fund WF	1,003,273
Total 113000 · Other Restricted Funds	1,024,898
Total Agency Funds	26,857,630
Accounts Receivable	
110000 · Accounts Receivable	1,197,555
Total Accounts Receivable	1,197,555
Other Current Assets	
120200 · Other Receivables	5,800
120300 · Accrued Interest Receivable	25,243
120500 · Prepaid Fees	
120520 · Prepaid Insurance	38,244
120530 · Prepaid Operating Expense	17,373
120540 · Prepaid USDA FS Land Use Fees	24,800
120550 · Prepaid Admin Benefits	61,733
Total 120500 · Prepaid Fees	142,150
120700 · Inventory Assets	
1207001 · Inventory - Spares-Stores	151,834
1207003 · Inventory - SWL Winding Replace	890,405
Total 120700 · Inventory Assets	1,042,239
Total 120000 - Other Current Assets	1,215,431
Total Current Assets	29,270,617
Fixed Assets	
130100 · Capital Assets	
130110 · Swan Lake	30,575,359
130120 · Tyee Lake	30,093,513
130130 · SEAPA Office	809,677
132100 · Swan Tyee Intertie in Operation	114,795,439
Total 130100 · Capital Assets	176,273,987
132200 · R&R Projects WIP Capital Improv	
132210 · R&R Projects - WIP Swan Lake	112,952
132220 · R&R Projects - WIP Tyee Lake	1,442,910
Total 132200 · R&R Projects WIP Capital Improv	1,555,863
132900 · Accumulated Depreciation	(41,492,516)
Total 130000 - Fixed Assets	136,337,334
Other Assets	
183000 · Deferred Assets	
183003 · 2009 Bond - Refunded Discount	124,515
Total 183000 · Deferred Assets	124,515
Total Other Assets	124,515
TOTAL ASSETS	165,732,465

SOUTHEAST ALASKA POWER AGENCY
Statement of Financial Position - Detail
as of September 30, 2017

	Sep 30, 17
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
210100 · Accounts Payable General	1,212,269
Total Accounts Payable	1,212,269
Other Current Liabilities	
210150 · Other Current Liabilities	88,000
210151 · Member Utility Rebate Payable	2,700,000
210152 · DNR Fund - CVEA KEA Portion	337,500
210300 · Reserve Interest Payable	293,596
210400 · Wages Payable	57,440
210401 · PTO Payable	177,095
210500 · Payroll Liabilities	
210521 · FICA Payable	3,930
210522 · SUI Tax Payable	717
210531 · IBEW H&W Payable	11,114
210540 · 457(b) Payable	1,075
210541 · IBEW Pension Payable	8,125
210550 · IBEW Dues Payable	1,118
Total 210500 · Payroll Liabilities	26,079
Total Other Current Liabilities	3,679,709
Total Current Liabilities	4,891,978
Long Term Liabilities	
220100 · Series B Bonds 2009	6,390,000
220120 · 2009 Bond Issuance Discount	(26,819)
220121 · PERS Unfunded Liability WRG	1,005,501
220130 · Series 2015 Bonds	10,295,000
220131 · 2015 Bond Issuance Premium	862,580
Total Long Term Liabilities	18,526,262
Total Liabilities	23,418,240
Net Position	
310000 · Net Position	
3100001 · Net Investment Capital Assets	119,036,952
3100002 · Restricted for Debt Service	1,589,894
3100003 · Restricted by External Agreement	1,024,898
3100004 · Unrestricted	20,940,138
Total 310000 · Net Position	142,591,882
Net Income	(277,656)
Total Net Position	142,314,226
TOTAL LIABILITIES & NET POSITION	165,732,465

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Budget Comparison Detail
September 2017

	Sep 2017	Budget	Jul-Sep'17	YTD Budget	Annual Budget
Operating Income/Expense					
Operating Income					
410000 · Hydro Facility Revenues					
410100 · Ketchikan Power Purchases	319,232	449,682	1,426,302	1,434,309	6,354,335
410200 · Petersburg Power Purchases	111,308	192,937	570,387	686,575	3,017,107
410300 · Wrangell Power Purchases	102,133	169,134	496,648	615,662	2,680,012
Total 410000 · Hydro Facility Revenues	532,673	811,753	2,493,337	2,736,546	12,051,454
Total Operating Income	532,673	811,753	2,493,337	2,736,546	12,051,454
Operating Expense					
535000 · Hydro Ops-Suprvsn & Engineering					
535100 · Hyd/Ops Sup & Eng - Swan Lake	431	1,540	1,107	4,620	18,480
535150 · Hyd/Ops Sup & Eng - SWL SEAPA	6,280	150	10,940	450	79,000
535250 · Hyd/Ops Sup & Eng -TYL SEAPA	-	1,650	-	4,950	21,500
535400 · Hyd/Op Sup & Eng - Proj Drawing	-	7,500	4,400	12,500	91,000
Total 535000 · Hydro Ops-Suprvsn & Engineering	6,711	10,840	16,447	22,520	209,980
537000 · Hydraulic Expenses					
537150 · Hydraulic Expense - SWL SEAPA	-	-	-	-	2,500
537250 · Hydraulic Expense - TYL SEAPA	-	-	-	-	2,500
Total 537000 · Hydraulic Expenses	-	-	-	-	5,000
538000 · Electric Expenses					
538100 · Electric Expense - Swan Lake	-	3,000	2,799	7,000	25,000
538150 · Electric Expense - SWL SEAPA	-	3,000	7,709	8,000	35,000
538200 · Electric Expense - Tyee Lake	-	1,900	466	5,100	20,500
538250 · Electric Expense - TYL SEAPA	-	3,000	-	7,000	35,000
Total 538000 · Electric Expenses	-	10,900	10,974	27,100	115,500
539000 · Misc Power Generation Expense					
539100 · Misc Exp - Swan Lake	3,046	8,000	13,874	23,000	104,195
539150 · Misc Expense - SWL SEAPA	26	250	886	750	9,000
539151 · Misc Expense - SWL Communicatn	1,990	2,600	9,366	7,400	29,500
539200 · Misc Expense - Tyee Lake	4,262	7,500	16,177	22,500	87,500
539250 · Misc Expense - TYL SEAPA	5,438	2,500	16,420	7,000	36,500
539251 · Misc Expense - TYL Communicatn	6,921	7,500	19,512	22,500	91,400
Total 539000 · Misc Power Generation Expense	21,682	28,350	76,234	83,150	358,095
540000 · Rents					
540300 · FERC Land Use Fee - Swan Lake	1,667	1,670	5,000	4,970	20,000
540400 · FERC Land Use Fee - Tyee Lake	5,667	5,670	17,000	16,970	68,000
540500 · USDA Land Use Fee - USFS ROW	1,997	2,000	5,991	5,900	24,500
540600 · USDA Land Use Fee - STI	6,116	6,100	18,348	18,300	75,000
540601 · AK DNR Land Use Fee - STI	-	2,000	-	2,000	20,000
540700 · USDA Tyee Passive Reflector	108	120	325	320	1,400
540710 · USDA Etolin Burnett Radio	46	50	137	150	600
Total 540000 · Rents	15,600	17,610	46,801	48,610	209,500
541000 · Hydro Power Station Maintenance					
541100 · Maintenance - Swan Lake	1,626	2,400	4,600	7,200	29,000
541150 · Maintenance - SWL SEAPA	-	2,400	-	6,800	27,500
541200 · Maintenance - Tyee Lake	1,441	1,700	3,088	5,100	21,500
541250 · Maintenance - TYL SEAPA	-	2,200	-	6,600	27,500
Total 541000 · Hydro Power Station Maintenance	3,067	8,700	7,688	25,700	105,500
543000 · Dams, Reservoirs & Waterways					
543100 · Dams Res & Waterwys - Swan Lake	-	400	1,133	1,200	5,000
543150 · Dams Res & Waterwys - SWL SEAPA	-	18,000	-	23,400	48,500
543200 · Dams Res & Waterwys - Tyee Lake	-	1,000	-	2,000	6,500
543250 · Dams Res & Waterwys - TYL SEAPA	-	-	17,000	17,000	45,000
Total 543000 · Dams, Reservoirs & Waterways	-	19,400	18,133	43,600	105,000

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Budget Comparison Detail
September 2017

	Sep 2017	Budget	Jul-Sep'17	YTD Budget	Annual Budget
544000 · Maintenance of Electric Plant					
544100 · Maint Electric Plant-Swan Lake	44,196	50,514	147,046	151,540	606,166
5442900 · TYL Plant Wages & Benefits					
5442911 · TYL Plant Wages/PTO	33,024	32,300	96,008	94,700	384,000
5442912 · TYL Plant Wages OT	9,324	2,510	16,808	5,750	36,000
5442920 · TYL Plant Benefit - Taxes	3,229	2,640	8,657	7,740	33,700
5442930 · TYL Plant Benefits - Insurance	7,338	7,340	22,014	22,020	89,200
5442940 · TYL Plant Benefits - Retirement	5,317	4,770	15,018	14,100	58,100
5442992 · TYL Plant Grant-Capital Payroll	-	-	(5,832)	-	-
Total 5442900 · TYL Plant Wages & Benefits	58,231	49,560	152,672	144,310	601,000
Total 544000 · Maintenance of Electric Plant	102,427	100,074	299,718	295,850	1,207,166
545000 · Plant Miscellaneous Maintenance					
545100 · Plant Misc Maint - Swan Lake	1,767	4,900	1,822	14,700	59,000
545150 · Plant Misc Maint - SWL SEAPA	4,394	4,000	4,834	5,000	16,600
545200 · Plant Misc Maint - Tyee Lake	4,936	1,700	8,606	5,100	20,500
545251 · Plant Misc Maint - WRG Warehous	8,382	5,000	8,382	5,000	13,000
Total 545000 · Plant Miscellaneous Maintenance	19,479	15,600	23,644	29,800	109,100
561000 · Control System Maintenance					
561150 · Control System Maint. - SWL	607	3,200	7,046	9,700	38,500
561250 · Control System Maint. - TYL	679	3,000	12,434	11,500	38,500
Total 561000 · Control System Maintenance	1,286	6,200	19,480	21,200	77,000
562000 · Trans/Operations Station Exp					
562100 · Trans/Ops Station - Swan Lake	-	1,250	-	3,750	15,000
562200 · Trans/Ops Station - Tyee Lake	2,072	1,000	2,440	3,000	12,200
562250 · Trans/Ops Station-TYL SEAPA	1,779	1,300	4,251	3,600	17,200
Total 562000 · Trans/Operations Station Exp	3,851	3,550	6,690	10,350	44,400
564000 · Trans/Submarine Cable Expense					
564200 · Trans/Sub Cable Exp - Tyee Lake	244	625	668	1,875	542,500
Total 564000 · Trans/Submarine Cable Expense	244	625	668	1,875	542,500
571000 · Trans/Maint Overhead Lines(OHL)					
571100 · Trans/Maint OHL - Swan Lake	-	1,000	2,402	2,100	24,000
571150 · Trans/Maint OHL - SWL SEAPA	-	1,000	-	3,000	303,223
571151 · Trans/Maint OHL - SWL ROW Clear	-	8,000	-	18,000	55,000
571200 · Trans/Maint OHL - Tyee Lake	4,334	3,600	13,610	10,800	43,250
571250 · Trans/Maint OHL - TYL SEAPA	88,438	90,000	88,438	101,000	318,014
5712900 · TYL Brushing Wages & Benefits					
5712911 · TYL Brushing Wages/PTO	8,342	12,300	31,466	40,300	151,000
5712912 · TYL Brushing Wages OT	5,004	1,200	5,189	4,650	14,000
5712920 · TYL Brushing Benefit - Taxes	1,209	1,710	2,913	5,130	13,500
5712930 · TYL Brushing Benefit- Insurance	3,669	3,740	11,007	11,220	44,600
5712940 · TYL Brushing Benefit- Retiremnt	2,808	2,420	7,404	7,240	28,900
5712992 · TYL Brush Grant-Capital Payroll	-	-	(206)	-	-
Total 5712900 · TYL Brushing Wages & Benefits	21,031	21,370	57,774	68,540	252,000
571300 · Trans/Maint OHL STI Maintenance	-	1,000	210	3,000	515,907
571500 · Trans/Maint OHL STI Therml Scan	-	250	-	750	3,400
571700 · Trans/Maint OH STI Clearing	-	11,000	-	23,000	65,000
571800 · Trans/Maint OHL System Events	-	3,000	-	9,000	40,000
Total 571000 · Trans/Maint Overhead Lines(OHL)	113,803	140,220	162,433	239,190	1,619,794

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Budget Comparison Detail
September 2017

	Sep 2017	Budget	Jul-Sep'17	YTD Budget	Annual Budget
920000 · Admin Wages & Benefits					
9201911 · Admin Wages/PTO	78,749	73,000	214,660	219,000	952,000
9201912 · Admin Wages - Overtime	-	150	-	450	2,000
9201920 · Admin Benefit - Taxes	4,581	5,400	14,126	16,200	65,000
9201930 · Admin Benefit - H&W Insurance	19,178	19,200	57,535	57,600	271,000
9201940 · Admin Benefit - Retirement	22,991	23,000	69,973	68,850	292,000
Total 920000 · Admin Wages & Benefits	125,499	120,750	356,293	362,100	1,582,000
921000 · Office Expenses					
921100 · Office Supplies	3,206	1,250	4,451	3,750	15,000
921200 · Office Equipment	2,910	1,250	8,021	3,750	15,000
921300 · Phone, Courier, Internet	1,605	1,975	4,831	5,925	23,700
921400 · System Network / IT Support	3,075	4,500	10,251	12,500	55,700
921600 · Vehicle Expenses	71	350	232	1,050	4,200
Total 921000 · Office Expenses	10,867	9,325	27,787	26,975	113,600
922000 · Legislative Affairs	4,000	5,000	12,000	13,000	58,000
923000 · Contract Services					
923200 · Annual Financial Audit	-	-	-	-	35,000
923300 · Bank & Trustee Fees	234	300	869	900	16,400
923400 · Insurance Consultant	1,575	750	2,475	2,250	9,000
923500 · Investment Consultant	3,349	1,900	5,021	5,300	24,500
923600 · Legal Fees	13,120	15,000	31,311	45,000	180,000
923700 · Recruitment	-	300	6,200	5,500	26,000
923800 · Other Professional Services	224	4,250	224	12,750	51,000
Total 923000 · Contract Services	18,502	22,500	46,100	71,700	341,900
924000 · Insurance	38,244	40,000	114,982	116,600	478,000
928000 · Regulatory Commission Expense					
928001 · Other Regulatory Expense	109,739	50,000	109,739	115,000	204,700
928150 · FERC SWL Admin Fees	1,803	3,000	5,410	9,000	36,000
928151 · FERC SWL Other Expenses	2,295	2,500	4,499	13,750	122,000
928250 · FERC TYL Admin Fees	1,643	2,750	4,930	8,250	33,000
928251 · FERC TYL Other Expenses	-	-	-	-	-
Total 928000 · Regulatory Commission Expense	115,481	58,250	124,578	146,000	395,700
930000 · General Expenses					
930100 · Advertising Expense	287	250	441	750	3,000
930110 · Public Relations	2,198	2,700	7,782	8,100	32,500
930111 · PR - SEAPA History Project	-	-	-	-	-
930300 · Association Dues Expense	-	300	-	1,000	33,000
930310 · Professional Assn Dues	-	200	-	375	575
930400 · Board Meeting Expenses	7,355	8,000	11,066	12,000	37,000
930500 · Training Expense	5,731	5,500	13,989	13,500	30,500
930600 · Travel Expense	2,923	3,500	4,142	7,000	35,000
930700 · Non-Travel Incidental	64	300	93	900	4,000
Total 930000 · General Expenses	18,559	20,750	37,513	43,625	175,575
931000 · Admin Rent					
931010 · Office Rent	5,304	5,300	15,491	15,900	64,600
931100 · Apartment Rent - Ketchikan	1,833	1,800	5,942	5,400	22,000
Total 931000 · Admin Rent	7,136	7,100	21,433	21,300	86,600
Total Operating Expense	626,438	645,744	1,429,597	1,650,245	7,939,910
Net Operating Income	(93,765)	166,009	1,063,740	1,086,301	4,111,544

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Budget Comparison Detail
September 2017

	Sep 2017	Budget	Jul-Sep'17	YTD Budget	Annual Budget
Nonoperating Income/Expense					
Nonoperating Income					
941000 · Grant Income	25,420		25,420		
942000 · Interest Income					
942100 · Misc Interest Income	1,257		4,259		
942200 · Investment Interest Income	8,260		24,314		
942000 · Interest Income - Other	444		444		
Total 942000 · Interest Income	9,961		29,018		
944000 · Realized Gain/Loss					
944200 · Realized Gain/Loss on Invest	35		(3,168)		
Total 944000 · Realized Gain/Loss	35		(3,168)		
945000 · Unrealized Gain/Loss					
945200 · Unrealized Gain/Loss Investment	(20,279)		172		
Total 945000 · Unrealized Gain/Loss	(20,279)		172		
Total Nonoperating Income	15,137		51,442		
Nonoperating Expense					
952000 · Bond Interest 2009 Series	27,069		81,207		
952001 · Bond Interest 2015 Series	36,052		108,157		
953000 · Depreciation Expense	392,684		1,178,053		
954000 · Grant Expenses					
954002 · Grant Contractual	-		25,420		
Total 954000 · Grant Expenses	-		25,420		
Total Nonoperating Expense	455,806		1,392,838		
Net Nonoperating Income	(440,669)		(1,341,396)		
Net Income	(534,434)	166,009	(277,656)	1,086,301	4,111,544



AUGUST 2017 FINANCIAL OVERVIEW

The following tables provide a snapshot of SEAPA's revenues and expenses for AUGUST, 2017.

Revenues from kWh sales were under budget:

FIRM kWh SALES	AUGUST Sales	AUGUST Budget	Prior Year Sales
Ketchikan	\$487,624	\$449,682	\$474,440
Petersburg	\$221,234	\$192,937	\$230,478
Wrangell	\$190,362	\$169,134	\$187,545
Total Revenue	\$899,220	\$811,753	\$892,463

Fiscal year-to-date revenues from kWh sales were slightly over budget:

FIRM kWh SALES	YTD Sales	YTD Budget	Prior YTD Sales
Ketchikan	\$1,107,069	\$1,434,309	\$940,909
Petersburg	\$459,079	\$686,575	\$438,944
Wrangell	\$394,516	\$615,662	\$389,268
Total Revenue	\$1,960,664	\$2,736,546	\$1,769,121

FIRM kWh SALES (Year-Over-Year)	FISCAL YEAR	AUGUST kWh	YTD JUL-AUG kWh
	FY2018	13,223,821	28,833,292
	FY2017	13,124,451	26,016,482
	FY2016	13,496,460	28,294,685

Administrative and operating expenses were under budget:

Administrative & Operating Expenses	AUGUST Actual	AUGUST Budget	Prior Yr Expense
	\$392,076	\$509,583	\$437,306
	YTD Actual	YTD Budget	Prior YTD Expense
	\$801,444	\$1,004,501	\$886,884

AGENCY FUNDSOperations, Capital and Insurance Funds

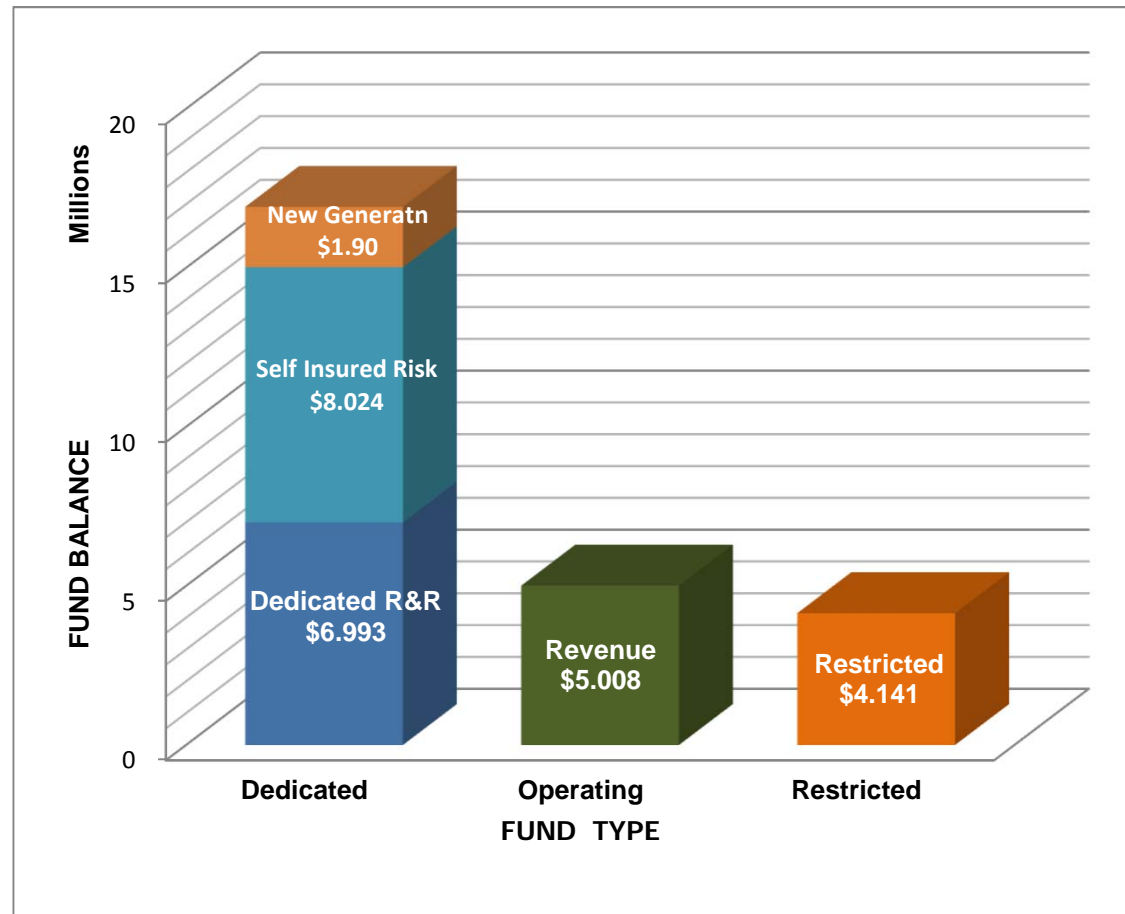
Revenue Fund FB	\$ 5,006,751
Required R&R Fund FB	1,000,104
Dedicated R&R Projects Fund FB	6,993,306
Commercial FB	1,238
New Generation Fund	1,898,255
Self Insured Risk Fund FNBA	8,023,830
Total Operations, Capital and Insurance Funds	22,923,483

Trustee Funds

2009 Bond Interest	\$ 100,874
2009 Bond Principal	267,268
2009 Bond Reserve	1,412,685
2015 Bond Interest	122,094
2015 Bond Reserve	213,187
Total Trustee Funds	2,116,108

Other Restricted Funds

STI - USFS CD WF	\$ 21,625
DNR Reclamation Fund WF	1,003,273
Total Other Restricted Funds	1,024,898
Total Agency Funds	\$ 26,064,488

Dedicated Funds

New Generation = Project feasibility funding (hydro, wind, geothermal)

Self-Insured Risk = Coverage for uninsured transmission lines, submarine cables and insurance deductibles.

Dedicated R&R = Funds Replacement & Repair projects approved by the SEAPA Board in the budget.

Operating Funds

Revenue Fund & Commercial Checking: All SEAPA income is deposited to the Revenue Fund as required by Bond Indentures.

Restricted Funds (Legally or contractually restricted)

Bonds = All Trustee Funds: Bond Interest, Principal, Reserve and Escrow accounts

R&R = \$1,000,000 minimum balance required by bond indenture

DNR = Alaska DNR Reclamation Agreement

USFS = USFS Land Remediation Certificate of Deposit

SOUTHEAST ALASKA POWER AGENCY
Statement of Financial Position - Prior Year Comparison
as of August 31, 2017

	Aug 31, 2017	Aug 31, 2016
ASSETS		
Current Assets		
Agency Funds		
111000 · Ops/Capital/Insurance Funds	22,923,483	24,436,707
112000 · Trustee Funds	2,116,108	2,112,652
113000 · Other Restricted Funds	1,024,898	948,891
Total Agency Funds	26,064,488	27,498,250
Accounts Receivable		
110000 · Accounts Receivable	1,875,622	1,240,206
110010 · Unbilled Displaced Sales	-	326,905
110100 · Grants Receivable	20,035	605,753
Total Accounts Receivable	1,895,657	2,172,864
Other Current Assets		
120200 · Other Receivables	5,800	4,606
120300 · Accrued Interest Receivable	18,708	32,865
120500 · Prepaid Fees	196,548	625,977
120700 · Inventory Assets	1,155,220	944,809
Total Other Current Assets	1,376,275	1,608,257
Total Current Assets	29,336,420	31,279,371
Fixed Assets		
130100 · Capital Assets	176,273,987	162,102,073
132200 · R&R Projects WIP Capital Improv	620,621	8,952,075
132900 · Accumulated Depreciation	(41,099,832)	(36,585,332)
Total Fixed Assets	135,794,777	134,468,816
Other Assets		
183000 · Deferred Assets	126,072	391,858
Total Other Assets	126,072	391,858
TOTAL ASSETS	165,257,269	166,140,045
LIABILITIES & EQUITY		
Liabilities		
Current Liabilities		
Accounts Payable		
210100 · Accounts Payable General	274,593	1,841,123
Total Accounts Payable	274,593	1,841,123
Other Current Liabilities		
210150 · Other Current Liabilities	80,667	-
210151 · Member Utility Rebate Payable	2,700,000	800,000
210152 · DNR Fund - CVEA KEA Portion	337,500	300,000
210300 · Reserve Interest Payable	227,778	205,154
210400 · Wages Payable	62,226	240,643
210401 · PTO Payable	171,217	-
210500 · Payroll Liabilities	24,928	26,899
Total Other Current Liabilities	3,604,315	1,572,695
Total Current Liabilities	3,878,908	3,413,818
Long Term Liabilities		
220100 · Series B Bonds 2009	6,390,000	7,160,000
220120 · 2009 Bond Issuance Discount	(27,155)	(31,178)
220121 · PERS Unfunded Liability WRG	1,005,501	1,077,322
220130 · Series 2015 Bonds	10,295,000	10,295,000
220131 · 2015 Bond Issuance Premium	867,168	922,226
Total Long Term Liabilities	18,530,514	19,423,371
Total Liabilities	22,409,423	22,837,189
Equity		
310000 · Net Position	142,589,353	142,657,410
Net Income	258,493	645,446
Total Equity	142,847,846	143,302,856
TOTAL LIABILITIES & EQUITY	165,257,269	166,140,045

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Prior Year Comparison
August 2017

	AUG 2017	AUG 2016
Operating Income/Expense		
Operating Income		
410000 · Hydro Facility Revenues	899,220	892,463
Total Operating Income	899,220	892,463
Operating Expense		
535000 · Hydro Ops-Suprvsn & Engineering	6,198	10,533
538000 · Electric Expenses	9,003	3,016
539000 · Misc Power Generation Expense	23,795	29,307
540000 · Rents	15,600	15,176
541000 · Hydro Power Station Maintenance	1,004	5,283
543000 · Dams, Reservoirs & Waterways	1,133	-
544000 · Maintenance of Electric Plant	94,116	99,091
545000 · Plant Miscellaneous Maintenance	1,793	5,693
561000 · Control System Maintenance	11,382	1,599
562000 · Trans/Operations Station Exp	1,463	4,768
564000 · Trans/Submarine Cable Expense	276	-
571000 · Trans/Maint Overhead Lines(OHL)	26,445	38,431
920000 · Admin Wages & Benefits	114,328	124,116
921000 · Office Expenses	6,938	13,916
922000 · Legislative Affairs	4,000	4,000
923000 · Contract Services	14,949	18,231
924000 · Insurance	38,244	44,213
928000 · Regulatory Commission Expense	5,651	5,348
930000 · General Expenses	8,571	7,746
931000 · Admin Rent	7,189	6,840
Total Operating Expense	392,076	437,306
Net Operating Income	507,143	455,157
Nonoperating Income/Expense		
Nonoperating Income		
941000 · Grant Income	-	605,753
942000 · Interest Income	9,692	2,631
944000 · Realized Gain/Loss	(2,757)	-
945000 · Unrealized Gain/Loss	9,643	(17,954)
Total Nonoperating Income	16,578	590,431
Nonoperating Expense		
952000 · Bond Interest 2009 Series	27,069	29,642
952001 · Bond Interest 2015 Series	36,052	36,052
953000 · Depreciation Expense	392,684	358,885
954000 · Grant Expenses	25,420	223,943
954100 · Contributed Capital	-	(216,136)
Total Nonoperating Expense	481,226	432,386
Net Nonoperating Income	(464,647)	158,045
Net Change in Financial Position	42,496	613,202

SOUTHEAST ALASKA POWER AGENCY
Statement of Financial Position - Detail
as of August 31, 2017

	Aug 31, 17
ASSETS	
Current Assets	
Agency Funds	
111000 · Ops/Capital/Insurance Funds	
111100 · Revenue Fund FB	5,006,751
111200 · Required R&R Fund FB	1,000,104
111210 · Dedicated R&R Projects Fund FB	6,993,306
111300 · Commercial FB	1,238
111401 · New Generation Fund	1,898,255
111500 · Self Insured Risk Fund FNBA	8,023,830
Total 111000 · Ops/Capital/Insurance Funds	22,923,483
112000 · Trustee Funds	
112100 · WF Trust 2009 Bond Interest	100,874
112200 · WF Trust 2009 Bond Principal	267,268
112300 · WF Trust 2009 Bond Reserve	1,412,685
112501 · WF Trust 2015 Bond Interest	122,094
112503 · WF Trust 2015 Bond Reserve	213,187
Total 112000 · Trustee Funds	2,116,108
113000 · Other Restricted Funds	
113100 · STI - USFS CD WF	21,625
113500 · DNR Reclamation Fund WF	1,003,273
Total 113000 · Other Restricted Funds	1,024,898
Total Agency Funds	26,064,488
Accounts Receivable	
110000 · Accounts Receivable	1,875,622
110100 · Grants Receivable	20,035
Total Accounts Receivable	1,895,657
Other Current Assets	
120200 · Other Receivables	5,800
120300 · Accrued Interest Receivable	18,708
120500 · Prepaid Fees	
120510 · Prepaid FERC Fees	3,447
120520 · Prepaid Insurance	76,487
120530 · Prepaid Operating Expense	1,214
120540 · Prepaid USDA FS Land Use Fees	33,067
120550 · Prepaid Admin Benefits	82,333
Total 120500 · Prepaid Fees	196,548
120700 · Inventory Assets	
1207001 · Inventory - Spares-Stores	264,814
1207003 · Inventory - SWL Winding Replace	890,405
Total 120700 · Inventory Assets	1,155,220
Total 120000 - Other Current Assets	1,376,275
Total Current Assets	29,336,420
Fixed Assets	
130100 · Capital Assets	
130110 · Swan Lake	30,575,359
130120 · Tyee Lake	30,093,513
130130 · SEAPA Office	809,677
132100 · Swan Tyee Intertie in Operation	114,795,439
Total 130100 · Capital Assets	176,273,987
132200 · R&R Projects WIP Capital Improv	
132210 · R&R Projects - WIP Swan Lake	37,285
132220 · R&R Projects - WIP Tyee Lake	583,336
Total 132200 · R&R Projects WIP Capital Improv	620,621
132900 · Accumulated Depreciation	(41,099,832)
Total 130000 - Fixed Assets	135,794,777
Other Assets	
183000 · Deferred Assets	
183003 · 2009 Bond - Refunded Discount	126,072
Total 183000 · Deferred Assets	126,072
Total Other Assets	126,072
TOTAL ASSETS	165,257,269

SOUTHEAST ALASKA POWER AGENCY
Statement of Financial Position - Detail
as of August 31, 2017

	Aug 31, 17
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
210100 · Accounts Payable General	274,593
Total Accounts Payable	274,593
Other Current Liabilities	
210150 · Other Current Liabilities	80,667
210151 · Member Utility Rebate Payable	2,700,000
210152 · DNR Fund - CVEA KEA Portion	337,500
210300 · Reserve Interest Payable	227,778
210400 · Wages Payable	62,226
210401 · PTO Payable	171,217
210500 · Payroll Liabilities	
210521 · FICA Payable	4,296
210522 · SUI Tax Payable	548
210531 · IBEW H&W Payable	11,114
210540 · 457(b) Payable	1,075
210541 · IBEW Pension Payable	7,215
210550 · IBEW Dues Payable	680
Total 210500 · Payroll Liabilities	24,928
Total Other Current Liabilities	3,604,315
Total Current Liabilities	3,878,908
Long Term Liabilities	
220100 · Series B Bonds 2009	6,390,000
220120 · 2009 Bond Issuance Discount	(27,155)
220121 · PERS Unfunded Liability WRG	1,005,501
220130 · Series 2015 Bonds	10,295,000
220131 · 2015 Bond Issuance Premium	867,168
Total Long Term Liabilities	18,530,514
Total Liabilities	22,409,423
Net Position	
310000 · Net Position	
3100001 · Net Investment Capital Assets	118,933,820
3100002 · Restricted for Debt Service	1,589,894
3100003 · Restricted by External Agreement	1,024,898
3100004 · Unrestricted	21,040,741
Total 310000 · Net Position	142,589,353
Net Income	258,493
Total Net Position	142,847,846
TOTAL LIABILITIES & NET POSITION	165,257,269

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Budget Comparison Detail
August 2017

	Aug 2017	Budget	Jul-Aug'17	YTD Budget	Annual Budget
Operating Income/Expense					
Operating Income					
410000 · Hydro Facility Revenues					
410100 · Ketchikan Power Purchases	487,624	496,144	1,107,069	984,627	6,354,335
410200 · Petersburg Power Purchases	221,234	255,794	459,079	493,638	3,017,107
410300 · Wrangell Power Purchases	190,362	217,887	394,516	446,528	2,680,012
Total 410000 · Hydro Facility Revenues	899,220	969,825	1,960,664	1,924,793	12,051,454
Total Operating Income	899,220	969,825	1,960,664	1,924,793	12,051,454
Operating Expense					
535000 · Hydro Ops-Suprvsn & Engineering					
535100 · Hyd/Ops Sup & Eng - Swan Lake	338	1,540	676	3,080	18,480
535150 · Hyd/Ops Sup & Eng - SWL SEAPA	1,460	150	4,660	300	79,000
535250 · Hyd/Ops Sup & Eng - TYL SEAPA	-	1,650	-	3,300	21,500
535400 · Hyd/Op Sup & Eng - Proj Drawing	4,400	5,000	4,400	5,000	91,000
Total 535000 · Hydro Ops-Suprvsn & Engineering	6,198	8,340	9,736	11,680	209,980
537000 · Hydraulic Expenses					
537150 · Hydraulic Expense - SWL SEAPA	-	-	-	-	2,500
537250 · Hydraulic Expense - TYL SEAPA	-	-	-	-	2,500
Total 537000 · Hydraulic Expenses	-	-	-	-	5,000
538000 · Electric Expenses					
538100 · Electric Expense - Swan Lake	828	2,000	2,799	4,000	25,000
538150 · Electric Expense - SWL SEAPA	7,709	3,000	7,709	5,000	35,000
538200 · Electric Expense - Tyee Lake	466	1,700	466	3,200	20,500
538250 · Electric Expense - TYL SEAPA	-	3,000	-	4,000	35,000
Total 538000 · Electric Expenses	9,003	9,700	10,974	16,200	115,500
539000 · Misc Power Generation Expense					
539100 · Misc Exp - Swan Lake	5,134	8,000	10,828	15,000	104,195
539150 · Misc Expense - SWL SEAPA	333	250	860	500	9,000
539151 · Misc Expense - SWL Communicatn	2,717	2,400	7,376	4,800	29,500
539200 · Misc Expense - Tyee Lake	3,830	7,500	11,041	15,000	87,500
539250 · Misc Expense - TYL SEAPA	4,815	2,500	10,983	4,500	36,500
539251 · Misc Expense - TYL Communicatn	6,966	7,500	12,591	15,000	91,400
Total 539000 · Misc Power Generation Expense	23,795	28,150	53,678	54,800	358,095
540000 · Rents					
540300 · FERC Land Use Fee - Swan Lake	1,667	1,700	3,333	3,300	20,000
540400 · FERC Land Use Fee - Tyee Lake	5,667	5,700	11,333	11,300	68,000
540500 · USDA Land Use Fee - USFS ROW	1,997	2,000	3,994	3,900	24,500
540600 · USDA Land Use Fee - STI	6,116	6,200	12,232	12,200	75,000
540601 · AK DNR Land Use Fee - STI	-	-	-	-	20,000
540700 · USDA Tyee Passive Reflector	108	100	217	200	1,400
540710 · USDA Etolin Burnett Radio	46	50	91	100	600
Total 540000 · Rents	15,600	15,750	31,201	31,000	209,500
541000 · Hydro Power Station Maintenance					
541100 · Maintenance - Swan Lake	76	2,400	2,974	4,800	29,000
541150 · Maintenance - SWL SEAPA	-	2,200	-	4,400	27,500
541200 · Maintenance - Tyee Lake	928	1,700	1,647	3,400	21,500
541250 · Maintenance - TYL SEAPA	-	2,200	-	4,400	27,500
Total 541000 · Hydro Power Station Maintenance	1,004	8,500	4,621	17,000	105,500
543000 · Dams, Reservoirs & Waterways					
543100 · Dams Res & Waterwys - Swan Lake	1,133	400	1,133	800	5,000
543150 · Dams Res & Waterwys - SWL SEAPA	-	2,700	-	5,400	48,500
543200 · Dams Res & Waterwys - Tyee Lake	-	500	-	1,000	6,500
543250 · Dams Res & Waterwys - TYL SEAPA	-	-	17,000	17,000	45,000
Total 543000 · Dams, Reservoirs & Waterways	1,133	3,600	18,133	24,200	105,000

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Budget Comparison Detail
August 2017

	Aug 2017	Budget	Jul-Aug'17	YTD Budget	Annual Budget
544000 · Maintenance of Electric Plant					
544100 · Maint Electric Plant-Swan Lake	50,020	50,513	102,850	101,026	606,166
5442900 · TYL Plant Wages & Benefits					
5442911 · TYL Plant Wages/PTO	29,882	30,900	62,984	62,400	384,000
5442912 · TYL Plant Wages OT	5,169	2,110	7,484	3,240	36,000
5442920 · TYL Plant Benefit - Taxes	2,736	2,580	5,428	5,100	33,700
5442930 · TYL Plant Benefits - Insurance	7,338	7,340	14,676	14,680	89,200
5442940 · TYL Plant Benefits - Retirement	4,804	4,680	9,701	9,330	58,100
5442992 · TYL Plant Grant-Capital Payroll	(5,832)	-	(5,832)	-	-
Total 5442900 · TYL Plant Wages & Benefits	44,096	47,610	94,441	94,750	601,000
Total 544000 · Maintenance of Electric Plant	94,116	98,123	197,291	195,776	1,207,166
545000 · Plant Miscellaneous Maintenance					
545100 · Plant Misc Maint - Swan Lake	55	4,900	55	9,800	59,000
545150 · Plant Misc Maint - SWL SEAPA	-	500	440	1,000	16,600
545200 · Plant Misc Maint - Tyee Lake	1,738	1,700	3,305	3,400	20,500
545251 · Plant Misc Maint - WRG Warehous	-	-	-	-	13,000
Total 545000 · Plant Miscellaneous Maintenance	1,793	7,100	3,800	14,200	109,100
561000 · Control System Maintenance					
561150 · Control System Maint. - SWL	2,257	3,200	6,439	6,500	38,500
561250 · Control System Maint. - TYL	9,125	5,200	11,754	8,500	38,500
Total 561000 · Control System Maintenance	11,382	8,400	18,193	15,000	77,000
562000 · Trans/Operations Station Exp					
562100 · Trans/Ops Station - Swan Lake	-	1,250	-	2,500	15,000
562200 · Trans/Ops Station - Tyee Lake	258	1,000	368	2,000	12,200
562250 · Trans/Ops Station-TYL SEAPA	1,205	1,200	2,471	2,300	17,200
Total 562000 · Trans/Operations Station Exp	1,463	3,450	2,839	6,800	44,400
564000 · Trans/Submarine Cable Expense					
564200 · Trans/Sub Cable Exp - Tyee Lake	276	625	425	1,250	542,500
Total 564000 · Trans/Submarine Cable Expense	276	625	425	1,250	542,500
571000 · Trans/Maint Overhead Lines(OHL)					
571100 · Trans/Maint OHL - Swan Lake	2,402	100	2,402	1,100	24,000
571150 · Trans/Maint OHL - SWL SEAPA	-	1,000	-	2,000	203,223
571151 · Trans/Maint OHL - SWL ROW Clear	-	8,000	-	10,000	55,000
571200 · Trans/Maint OHL - Tyee Lake	4,558	3,600	9,276	7,200	43,250
571250 · Trans/Maint OHL - TYL SEAPA	-	1,000	-	11,000	170,142
5712900 · TYL Brushing Wages & Benefits					
5712911 · TYL Brushing Wages/PTO	12,191	10,560	23,125	28,000	151,000
5712912 · TYL Brushing Wages OT	185	-	185	3,450	14,000
5712920 · TYL Brushing Benefit - Taxes	901	1,820	1,705	3,420	13,500
5712930 · TYL Brushing Benefit- Insurance	3,669	3,740	7,338	7,480	44,600
5712940 · TYL Brushing Benefit- Retirement	2,412	1,500	4,596	4,820	28,900
5712992 · TYL Brush Grant-Capital Payroll	-	-	(206)	-	-
Total 5712900 · TYL Brushing Wages & Benefits	19,357	17,620	36,743	47,170	252,000
571300 · Trans/Maint OHL STI Maintenance	128	1,000	210	2,000	515,907
571500 · Trans/Maint OHL STI Therml Scan	-	250	-	500	3,400
571700 · Trans/Maint OH STI Clearing	-	11,000	-	12,000	65,000
571800 · Trans/Maint OHL System Events	-	3,000	-	6,000	40,000
Total 571000 · Trans/Maint Overhead Lines(OHL)	26,445	46,570	48,630	98,970	1,371,922

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Budget Comparison Detail
August 2017

	Aug 2017	Budget	Jul-Aug'17	YTD Budget	Annual Budget
920000 · Admin Wages & Benefits					
9201911 · Admin Wages/PTO	67,545	73,000	135,911	146,000	952,000
9201912 · Admin Wages - Overtime	-	150	-	300	2,000
9201920 · Admin Benefit - Taxes	4,613	5,400	9,544	10,800	65,000
9201930 · Admin Benefit - H&W Insurance	19,178	19,200	38,356	38,400	271,000
9201940 · Admin Benefit - Retirement	22,991	23,000	46,982	45,850	292,000
Total 920000 · Admin Wages & Benefits	114,328	120,750	230,794	241,350	1,582,000
921000 · Office Expenses					
921100 · Office Supplies	919	1,250	1,245	2,500	15,000
921200 · Office Equipment	1,114	1,250	5,111	2,500	15,000
921300 · Phone, Courier, Internet	1,546	1,975	3,226	3,950	23,700
921400 · System Network / IT Support	3,233	4,000	7,177	8,000	55,700
921600 · Vehicle Expenses	126	350	161	700	4,200
Total 921000 · Office Expenses	6,938	8,825	16,919	17,650	113,600
922000 · Legislative Affairs	4,000	4,000	8,000	8,000	58,000
923000 · Contract Services					
923200 · Annual Financial Audit	-	-	-	-	35,000
923300 · Bank & Trustee Fees	233	300	635	600	16,400
923400 · Insurance Consultant	900	750	900	1,500	9,000
923500 · Investment Consultant	-	1,700	1,672	3,400	24,500
923600 · Legal Fees	12,860	15,000	18,191	30,000	180,000
923700 · Recruitment	956	200	6,200	5,200	26,000
923800 · Other Professional Services	-	4,250	-	8,500	51,000
Total 923000 · Contract Services	14,949	22,200	27,599	49,200	341,900
924000 · Insurance	38,244	38,300	76,738	76,600	478,000
928000 · Regulatory Commission Expense					
928001 · Other Regulatory Expense	-	50,000	-	65,000	204,700
928150 · FERC SWL Admin Fees	1,803	3,000	3,607	6,000	36,000
928151 · FERC SWL Other Expenses	2,204	1,250	2,204	11,250	122,000
928250 · FERC TYL Admin Fees	1,643	2,750	3,287	5,500	33,000
928251 · FERC TYL Other Expenses	-	-	-	-	-
Total 928000 · Regulatory Commission Expense	5,651	57,000	9,097	87,750	395,700
930000 · General Expenses					
930100 · Advertising Expense	69	250	153	500	3,000
930110 · Public Relations	750	2,700	5,108	5,400	32,500
930111 · PR - SEAPA History Project	-	-	-	-	-
930300 · Association Dues Expense	-	350	-	700	33,000
930310 · Professional Assn Dues	-	-	-	175	575
930400 · Board Meeting Expenses	3,711	4,000	3,711	4,000	37,000
930500 · Training Expense	2,998	3,000	8,258	8,000	30,500
930600 · Travel Expense	1,043	2,500	1,219	3,500	35,000
930700 · Non-Travel Incidental	-	300	29	600	4,000
Total 930000 · General Expenses	8,571	13,100	18,478	22,875	175,575
931000 · Admin Rent					
931010 · Office Rent	5,362	5,300	10,187	10,600	64,600
931100 · Apartment Rent - Ketchikan	1,827	1,800	4,110	3,600	22,000
Total 931000 · Admin Rent	7,189	7,100	14,297	14,200	86,600
Total Operating Expense	392,076	509,583	801,444	1,004,501	7,692,038
Net Operating Income	507,143	460,242	1,159,220	920,292	4,359,416

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Budget Comparison Detail
August 2017

	Aug 2017	Budget	Jul-Aug'17	YTD Budget	Annual Budget
Nonoperating Income/Expense					
Nonoperating Income					
942000 • Interest Income					
942100 • Misc Interest Income	1,134		2,541		
942200 • Investment Interest Income	8,097		16,055		
942000 • Interest Income - Other	462		462		
Total 942000 • Interest Income	9,692		19,057		
944000 • Realized Gain/Loss					
944200 • Realized Gain/Loss on Invest	(2,757)		(3,203)		
Total 944000 • Realized Gain/Loss	(2,757)		(3,203)		
945000 • Unrealized Gain/Loss					
945200 • Unrealized Gain/Loss Investment	9,643		20,451		
Total 945000 • Unrealized Gain/Loss	9,643		20,451		
Total Nonoperating Income	16,578		36,305		
Nonoperating Expense					
952000 • Bond Interest 2009 Series	27,069		54,138		
952001 • Bond Interest 2015 Series	36,052		72,105		
953000 • Depreciation Expense	392,684		785,369		
954000 • Grant Expenses					
954002 • Grant Contractual	25,420		25,420		
Total 954000 • Grant Expenses	25,420		25,420		
Total Nonoperating Expense	481,226		937,032		
Net Nonoperating Income	(464,647)		(900,727)		
Net Income	42,496	460,242	258,493	920,292	4,359,416

Southeast Alaska Power Agency R&R CAPITAL PROJECTS	FY2018		WIP CAPITAL PROJECTS October 31, 2017	FY13	FY14	FY15	FY16	FY17	FY18	TOTAL SPENT	Overall BUDGET
	Budget	Expenditures									
232-13 Communications Upgrade	\$ 89,758	18,989	Tyee satellite to be installed.	12,160	186,520	15,995	165,667	70,545	18,989	\$ 469,875	520,100
241-13 Stream Gauge TYL	\$ 55,000	10,866	Complete grouting FY18	37,845	562,635	22,753	106,528	75,368	10,866	\$ 815,994	8,662,024
256-15 Alarm Trip Protectn SWL-TYL	\$ 48,266	12,930	Completion CY2017			611	157,765	35,883	12,930	\$ 207,189	253,500
258-15 System Control Improve SWL-TYL	\$ 39,650	-	Completion CY2017			28,766	44,194	4,441	-	\$ 77,401	116,800
259-15 Turbine Shutoff Valves TYL	\$ 35,000	-	In-place repairs FY18.			84,857	170,774	-	-	\$ 255,631	290,630
263-16 CTs-Relay CircSwitcr WRG	\$ 102,465	92,960	Completion CY2017				20,963	51,573	92,960	\$ 165,495	201,000
265-16 Marker Balls OHL TYL	\$ 805,104	796,517	CLOSED SEP 2017				-	4,896	796,517	\$ 801,412	810,000
269-16 Guy Thimbles STI	\$ 80,100	-	Yr1 of 3 installed Jun 2017				-	44,781	-	\$ 44,781	270,000
270-16 Dampeners OHL TYL	\$ 67,681	33,307	Yr1 of 3 installed SEP 2017				8,696	(8,696)	33,307	\$ 33,307	99,900
272-17 Needle Assembly TYL	\$ 65,610	30,377	CLOSED AUG 2017					51,713	30,377	\$ 82,091	123,000
273-17 XFMR Bushing TYL	\$ 47,232	17,792	CLOSED SEP 2017					7,768	17,792	\$ 25,560	55,000
275-17 Manifold TYL	\$ 20,689	22,590	CLOSED AUG 2017					19,637	22,590	\$ 42,228	39,000
276-17 Schweitzer RTAC SWL-TYL	\$ 26,800	27,602	August installation					10,124	27,602	\$ 37,725	37,000
278-17 Flashboard Kickers SWL	\$ 544,819	62	Spares					-	62	\$ 62	544,819
279-18 Battery Monitoring System	\$ 61,000	6,917	Battery-Hydrogen Monitoring						6,917	\$ 6,917	61,000
280-18 Boat Motors-Transom TYL	\$ 54,000	59,270	CLOSED SEP 2017						59,270	\$ 59,270	54,000
281-18 Bulkhead Repair SWL	\$ 223,000	-	Design phase						-	\$ -	223,000
282-18 Control Rm Touchscrn SWL	\$ 36,000	-	Hardware update						-	\$ -	36,000
283-18 Dam Misc Metals SWL	\$ 186,000	13,827	Ladders, railing					526	13,827	\$ 14,353	186,000
284-18 Data Historian KTN	\$ 71,000	-	Hardware, programming						-	\$ -	71,000
285-18 Dock Floats SWL	\$ 58,000	5,003	Installed Nov 2017						5,003	\$ 5,003	58,000
286-18 Duplex Housing SWL	\$ 393,000	-	Duplex for operator housing						-	\$ -	393,000
287-18 Flatbed WRG	\$ 42,000	-	December delivery scheduled						-	\$ -	42,000
288-18 Furnaces TYL	\$ 35,000	-	November installation						-	\$ -	35,000
289-18 Governor Moderniztn SWL	\$ 92,000	-	Replace digital governors						-	\$ -	92,000
290-18 Helipad Ramps STI	\$ 76,000	-	Helipad access ramps						-	\$ -	76,000
291-18 Meggar Relay Test Set	\$ 104,000	74,454	Test rack under construction						74,454	\$ 74,454	104,000
292-18 Office Walls KTN	\$ 55,000	-	Permitting						-	\$ -	55,000
293-18 Phone Server KTN	\$ 76,000	-	Update server, phones						-	\$ -	76,000
294-18 Pickup TYL	\$ 38,500	32,256	CLOSED SEP 2017						32,256	\$ 32,256	38,500
295-18 Power Line Carrier SW-TY	\$ 48,000	45,019	October installation						45,019	\$ 45,019	48,000
296-18 Power Pole Replace SWL	\$ 49,000	-	Damaged pole replacement						-	\$ -	49,000
297-18 Powerhs Parapet Seal SWL	\$ 59,000	-	Seal parapet wall						-	\$ -	59,000
298-18 Unit Control PLC-RTD SWL	\$ 60,000	-	PLC Backplanes and RTDs						-	\$ -	60,000
Total WIP R&R Capital Projects	\$3,844,674	\$1,300,737		\$50,004	\$749,155	\$152,982	\$674,586	\$868,559	\$1,300,737	\$3,296,023	\$13,839,273

Date	Num	Vendor	FY18 BUDGET \$	Expenditures	Description
232-13 Communications Upgrade			\$89,758	-	Satellite dishes and telephone systems installed at Swan Lake and SEAPA Office in December 2013. Tyee Lake satellite dish permitting approved Sep 2015. Satellite service provider replaced in 2016. Newly programmed equipment installed May 2017. Tyee installation to take place in FY18. (Henson)
	\$ 12,160	FY13 Expenditures			
	\$ 186,520	FY14 Expenditures			
	\$ (177,163)	FY14 Capitalize SWL-SEA Office			
	\$ 15,995	FY15 Expenditures			
	\$ 165,667	FY16 Expenditures			
	\$ 70,545	FY17 Expenditures			
	\$ (68,113)	FY17 Capitalize SWL-KTN Office			PARTIALLY CAPITALIZED
	\$ 18,989	FY18 Expenditures			FY14 SWL-SEAPA Office \$177,163
07/20/17	20618	TexRUs		9,857	FY17 SWL-SEAPA Office \$ 68,113
08/07/17	20758	TexRus		3,920	
08/15/17	422426	Satellite & Sound Inc		780	
08/23/17	Sat&Sound	Alaska Air		172	
08/31/17	52804	Sunrise Aviation Inc		900	
09/11/17	20940	TexRus		3,360	
Total 232-13 Communications Upgrade				224,599	
241-13 Stream Gauge TYL			\$55,000	-	Logs cleared Jul 2013. Weir construction completed and helipad placed by Sep 2013. Initial grout work completed Apr 2016. Emergency shelter to be installed, after which USGS can install stream gage. Need for additional grout work evaluated as circumstances allow. (Henson / Schofield)
	\$ 37,845	FY13 Expenditures			
	\$ 562,635	FY14 Expenditures			
	\$ (598,332)	FY14 Weir & Helipad Capitalized			
	\$ 22,753	FY15 Expenditures			
	\$ 106,528	FY16 Expenditures			
	\$ 75,368	FY17 Expenditures			PARTIALLY CAPITALIZED:
	\$ (34,499)	FY17 Helipad2 Capitalized			FY14 CAPITALIZED WEIR & HELIPAD \$598,332
	\$ (133,847)	FY17 Grouting Capitalized			FY17 CAPITALIZED GROUT & HELIPAD \$168,345
	\$ 10,866	FY18 Expenditures			
07/09/17	31322	Temsco Helicopters, Inc.		2,741	
07/31/17	619	Tyee Payroll		206	
10/02/17	31729	Temsco Helicopters, Inc.		1,940	
10/02/17	31730	Temsco Helicopters, Inc.		3,987	
10/12/17	31760	Temsco Helicopters, Inc.		1,168	
10/24/17		Alaskan & Proud Mkt KTN		5	
10/25/17		Alaskan & Proud Mkt KTN		4	
10/30/17	224	Helicopter Air Alaska LLC		814	
Total 241-13 Stream Gauge TYL				49,317	
256-15 Alarm Trip Protection SWL-			\$48,266		Two-year project; review sensors and relays, reliability and critical protection issue. Board awarded to Segrity (Mar 2015). Complete by end-of calendar year. (Henson/ Schofield)
	\$ 611	FY15 Expenditures			
	\$ 157,765	FY16 Expenditures			
	\$ 35,883	FY17 Expenditures			
	\$ (194,259)	FY17 Capitalize completed portion			
	\$ 12,930	FY18 Expenditures			PARTIALLY CAPITALIZED:
08/31/17	17251	Segrity LLC		5,100	FY17 COMPLETED PORTION \$194,259
10/05/17	17258	Segrity LLC		4,050	
10/05/17	17259	Segrity LLC		3,780	
Total 256-15 Alarm Trip Protection SWL-TYL				12,930	
258-15 System Control Improve			\$39,650		Two-year project to increase reliability at both plants; coordinate facilities' operations. Board awarded to Segrity (Mar 2015). Completion Nov 2017. (Henson / Schofield)
	\$ 28,766	FY15 Expenditures			
	\$ 44,194	FY16 Expenditures			
	\$ 4,441	FY17 Expenditures			
	\$ (77,401)	FY17 Capitalize completed poriton			PARTIALLY CAPITALIZED:
	\$ -	FY18 Expenditures			FY17 COMPLETED PORTION \$77,401
Total 258-15 System Control Improvements SWL-TYL				-	

Southeast Alaska Power Agency
WORK-IN-PROGRESS R&R Capital Projects as of OCT 31, 2017

Date	Num	Vendor	FY18 BUDGET \$	Expenditures	Description
259-15 Turbine Shutoff Valves TYL			\$35,000		Implementation of recommendations from HDR engineering review. Researching project with qualified contractors for toroidal cylinder repair. (Henson)
	\$ 84,857	<i>FY15 Expenditures</i>			
	\$ 170,774	<i>FY16 Expenditures</i>			
	\$ (255,631)	<i>Capitalized FY16</i>			
	\$ -	<i>FY17 Expenditures</i>			PARTIALLY CAPITALIZED:
	\$ -	<i>FY18 Expenditures</i>			FY16 COMPLETED PORTION \$255,631
				-	
Total 259-15 Turbine Shutoff Valve TYL				(0)	
263-16 CTs-Relay WRG Circuit Swtc			\$102,465		Additional protection-control relays and current-sensing equipment in the Wrangell switchyard. Electrical design (Electrical Power Systems). Installed SEP 2017; pending final engineering invoice. (Henson)
	\$ 20,963	<i>FY16 Expenditures</i>			
	\$ 51,573	<i>FY17 Expenditures</i>			
	\$ 92,960	<i>FY18 Expenditures</i>			
07/06/17	S344WRA15N	Samson Tug & Barge		521	
07/06/17	7103436164	ABB Inc.		22,956	
09/18/17	13456	Electric Power Constructors		69,484	
				165,495	
Total 263-16 CTs-Relay WRG Circuit Sw					
265-16 Marker Balls OHL TYL			\$805,104		Replacement of original marker balls on the Tyee transmission line. Marker balls inventoried; Northern Powerline Constructors (Anchorage) successful bidder. Installed SEP 2017. (Henson)
	\$ 4,896	<i>FY17 Expenditures (includes marker ball inventory)</i>			
	\$ 796,517	<i>FY18 Expenditures</i>			
09/01/17	628R			(103,132)	
09/25/17	3129	Northern Powerline Constructors, Inc		103,132	
09/30/17	52827	Sunrise Aviation Inc		450	CLOSED - IN SERVICE SEP 2017
09/30/17	3173	Northern Powerline Constructors, Inc		588,651	
09/30/17	1806	Marker Ball Inventory		104,284	
10/31/17	641	CAPITALIZE MARKER BALLS		(801,412)	
				-	
Total 265-16 Marker Balls OHL TYL					
269-16 Guy Thimbles STI			\$80,100		Replace guy thimbles on STI. Three-year project scheduled during each spring shutdown. (Henson)
	\$ 44,781	<i>FY17 Expenditures</i>			
	\$ (44,781)	<i>FY17 Capitalized installed thimbles</i>			
	\$ -	<i>FY18 Expenditures</i>			PARTIALLY CAPITALIZED:
					FY17 - 53 INSTALLED \$44,781
05/25/17	T80591	Tyler Industrial Supply		1,302	
05/25/17	T80591	INVENTORY - Guy Thimbles (Tyler Ir		2,383	
06/21/17	12852	Electric Power Constructors		43,479	
06/30/17	T80591	Tyler Industrial Supply		(2,383)	
06/30/17	611	FY17 Capitalize installed portion		(44,781)	
				-	
Total 269-16 Guy Thimbles STI					
270-16 Dampeners OHL TYL			\$67,681		Replacement of dampeners on Tyee transmission line over three years. Initial installation of 180 dampeners took place SEP 2017. (Henson)
	\$ 8,696	<i>FY16 Expenditures</i>			
	\$ (8,696)	<i>FY17 Expenditures</i>			
	\$ 33,307	<i>FY18 Expenditures</i>			
09/18/17	13448	Electric Power Constructors		24,611	YEAR 1 DAMPENERS IN SERVICE - SEP 2017
09/30/17	1805	Dampeners from inventory		8,696	
10/31/17	641	CAPITALIZE FY18 DAMPERS		(33,307)	
				-	
Total 270-16 Dampeners OHL TYL					

Date	Num	Vendor	FY18 BUDGET \$	Expenditures	Description
272-17 Needle Assembly TYL			\$65,610		Repair to needle position feedback assembly. Prototype successfully tested Apr 2017. Remaining assemblies installed AUG 2017 followed by final drawings and documentation. (Henson)
	\$	51,713	<i>FY17 Expenditures</i>		
	\$	(14,499)	<i>FY17 Capitalize Prototype</i>		
	\$	30,377	<i>FY18 Expenditures</i>		
07/19/17	17240	Segrity LLC		6,598	
08/10/17	S354WRA15N	Samson Tug & Barge		231	CAPITALIZED:
08/15/17	4427	Stikine Inn		44	FY17 PROTOTYPE INSTALLED \$14,499
08/22/17	4447	Stikine Inn		36	FY18 NEEDLE ASSEMBLIES \$67,592
08/29/17	17245	Segrity LLC		847	CLOSED - IN SERVICE - AUG 2017
08/31/17	17248	Segrity LLC		12,586	
08/31/17	624	Payroll - Tyee		4,816	
10/05/17	17256	Segrity LLC		5,220	
10/31/17	641	CAPITALIZE Needle Assembly		(67,592)	
Total 272-17 Needle Assembly TYL				-	
273-17 XFMR Bushing TYL			\$47,232		Replace STI transformer bushing at Tyee substation. Installed Sep 2017. (Henson)
	\$	7,768	<i>FY17 Expenditures</i>		
	\$	17,792	<i>FY18 Expenditures</i>		
09/30/17	52827	Sunrise Aviation Inc		1,125	CLOSED - IN SERVICE - SEP 2017
10/31/17	13760	Electric Power Constructors		16,667	
10/31/17	641	CAPITALIZE XFMR BUSHING		(25,560)	
Total 273-17 XFMR Bushing TYL				-	
275-17 Manifold Replace. TYL			\$20,869		Replace manifold on governor at Tyee Lake. Prototype installed APR 2017; second manifold installed AUG 2017. (Henson)
	\$	19,637	<i>FY17 Expenditures</i>		
	\$	(18,131)	<i>FY17 One manifold capitalized</i>		
	\$	22,590	<i>FY18 Expenditures</i>		
08/15/17	4427	Stikine Inn		44	PARTIALLY CAPITALIZED:
08/22/17	4447	Stikine Inn		36	FY17 Manifold Prototype \$18,131
08/29/17	17244	Segrity LLC		2,146	FY18 Manifold \$24,097
08/31/17	17250	Segrity LLC		4,260	CLOSED - IN SERVICE - AUG 2017
08/31/17	624	Payroll		371	
10/05/17	17255	Segrity LLC		15,733	
10/31/17		CAPITALIZE Manifolds		(24,097)	
Total 275-17 Manifold Replacement TYL				-	
276-17 Schweitzer RTAC Upgrades			\$26,800		Replace existing relays with RTACs. RTACs programmed; installed in August. Completion pending drawings and documentation. (Henson)
	\$	10,124	<i>FY17 Expenditures</i>		
	\$	27,602	<i>FY18 Expenditures</i>		
08/15/17	4427	Stikine Inn		44	
08/22/17	4447	Stikine Inn		36	
08/24/17	21245	Pacific Wings Inc.		830	
08/27/17	99943	Pacific Airways Inc		440	
08/31/17	17247	Segrity LLC		24,011	
08/31/17	624	Payroll Tyee		645	
10/06/17	17261	Segrity LLC		1,595	
Total 276-17 Schweitzer RTAC Upgrade				37,725	

Southeast Alaska Power Agency
WORK-IN-PROGRESS R&R Capital Projects as of OCT 31, 2017

Date	Num	Vendor	FY18 BUDGET \$	Expenditures	Description
278-17 Flashboard-Kickers SWL			\$544,819		Spare set of flashboards and kickers for SWL. RFP issued fall 2017. (Acteson)
	\$ -	FY17 No expenditures			
	\$ 62	FY18 Expenditures			
10/25/17	I01412112	Alaska Dispatch News		62	
Total 278-17 Flashboard-Kickers SWL				62	
279-18 Battery Monitoring System			\$61,000		Battery and hydrogen monitoring system for both facilities. System on order. (Siedman)
	\$ 6,917	FY18 Expenditures			
08/21/17	243579	First City Electric, Inc.		6,917	
Total 279-18 Battery Monitoring System				6,917	
280-18 Boat Motors-Transom TYL			\$54,000		Replacement of motors and extension of transom on Svendsen boat. (Henson) CLOSED - IN SERVICE SEP 2017
	\$ 59,270	FY18 Expenditures			
09/08/17	1107	Svendsen Marine		6,251	
10/03/17	6152006	Bay Company Enterprises, LLC		46,019	
10/31/17	6152006	Bay Company Enterprises, LLC		7,000	
10/31/17		CAPITALIZE BOAT MOTORS-TRANSOM			
Total 280-18 Boat Motors-Transom TYL				59,270	
281-18 Bulkhead Repair SWL			\$223,000		Repair of marine bulkhead at SWL currently in design phase. (Schofield)
	\$ -	FY18 Expenditures			
Total 281-18 Bulkhead Repair SWL				-	
282-18 Control Rm Touchscrn SWL			\$36,000		Control Room hardware update at SWL. Engineering has been initiated. (Siedman)
	\$ -	FY18 Expenditures			
Total 282-18 Control Rm Touchscrn SWL				-	
283-18 Dam Misc Metals SWL			\$186,000		Installation of SWL access ladders, handrails, trigger guard. Contract award to BAM LLC approved in Aug 2017. Installation dependent upon lake levels. (Schofield)
	\$ 526	FY17 Expenditures			
	\$ 13,827	FY18 Expenditures			
07/20/17	34043	Ketchikan Daily News		80	
07/22/17	3327575	Daily Journal of Commerce		74	
07/30/17	ADN201707	Alaska Dispatch News		82	
08/05/17	64255	Pilot Publishing, Inc.		70	
08/05/17	64239	Wrangell Sentinel		58	
09/13/17	6855	McMillen LLC		13,464	
Total 283-18 Dam Misc Metals SWL				14,353	
284-18 Data Historian KTN			\$71,000		Data Historian upgrade, hardware and programming. (Siedman)
	\$ -	FY18 Expenditures			
Total 284-18 Data Historian KTN				-	
285-18 Dock Floats SWL			\$58,000		Replace piling hoops and add flotation at SWL dock float. Parts ordered. Installation performed Nov 2017. (Schofield)
	\$ 5,003	FY18 Expenditures			
10/17/17	2160671	Madison Lumber & Hardware Inc		2,185	
10/17/17	49446	Mohawk Metal Company		2,685	
10/20/17	S375KET28N	Samson Tug & Barge		133	
Total 285-18 Dock Floats SWL				5,003	
286-18 Duplex Housing SWL			\$393,000		Replace one SWL housing unit with prefab duplex. Permitting process initiated Nov 2017. (Schofield)
	\$ -	FY18 Expenditures			
Total 286-18 Duplex Housing SWL				-	

Southeast Alaska Power Agency

WORK-IN-PROGRESS R&R Capital Projects as of OCT 31, 2017

Date	Num	Vendor	FY18 BUDGET \$	Expenditures	Description
287-18 Flatbed WRG			\$42,000		Flatbed truck for WRG warehouse. December delivery. (Henson)
	\$	-	<i>FY18 Expenditures</i>		
				-	
Total 287-18 Flatbed WRG				-	
288-18 Furnaces TYL			\$35,000		Replace furnaces (5) in TYL housing. November installation. (Henson)
	\$	-	<i>FY18 Expenditures</i>		
				-	
Total 288-18 Furnaces TYL				-	
289-18 Governor Modernizatn SWI			\$92,000		Update governor control hardware and software at SWL. (Siedman)
	\$	-	<i>FY18 Expenditures</i>		
				-	
Total 289-18 Governor Modernizatn SWL				-	
290-18 Helipad Ramps STI			\$76,000		Build and install ramps for personnel access to STI helipads. Installation spring 2018. (Henson)
	\$	-	<i>FY18 Expenditures</i>		
				-	
Total 290-18 Helipad Ramps STI				-	
291-18 Meggar Relay Test Set			\$104,000		Purchase relay test set for rotating use at all SEAPA locations. Test set purchased. Test rack under construction. (Siedman)
	\$	74,454	<i>FY18 Expenditures</i>		
09/25/17	5590452896	Megger		72,089	
09/29/17	14644	Hardcraft Industries, Inc.		2,094	
10/06/17	S370KET23N	Samson Tug & Barge		143	
10/17/17		Madison Lumber & Hardware Inc		7	
10/17/17		Madison Lumber & Hardware Inc		10	
10/19/17		Madison Lumber & Hardware Inc		90	
10/23/17		Madison Lumber & Hardware Inc		21	
Total 291-18 Meggar Relay Test Set				74,454	
292-18 Office Walls KTN			\$55,000		Create two offices at White Cliff location. Permitting with City. (Schofield)
	\$	-	<i>FY18 Expenditures</i>		
				-	
Total 292-18 Office Walls KTN				-	
293-18 Phone Server KTN			\$76,000		Replace obsolete phone server in Ketchikan office; upgrade handsets. Evaluating options. (Siedman)
	\$	-	<i>FY18 Expenditures</i>		
				-	
Total 293-18 Phone Server KTN				-	
294-18 Pickup TYL			\$38,500		Pickup replacement for Tyee. 2017 Ford F150 delivered to Wrangell. (Henson)
	\$	32,256	<i>FY18 Expenditures</i>		
08/18/17	FORD201708	Horizon Ford		30,027	
08/24/17	S358WRA19N	Samson Tug & Barge		1,129	CLOSED - IN SERVICE SEP 2017
09/21/17	1572	Stikine Transportation		1,100	
10/31/17	641	CAPITALIZE PICKUP		(32,256)	
Total 294-18 Pickup TYL				-	

Southeast Alaska Power Agency
WORK-IN-PROGRESS R&R Capital Projects as of OCT 31, 2017

Date	Num	Vendor	FY18 BUDGET \$	Expenditures	Description
295-18 Power Line Carrier SW-TY			\$48,000		Add power line carrier channel from SWL to TYL. Channel installed and successfully tested October 2017. (Henson)
	\$ 45,019	<i>FY18 Expenditures</i>			
09/25/17	421740046	Hubbell Power Systems, Inc.		34,833	
10/05/17	S370WRA12N	Samson Tug & Barge		54	
10/24/17	100786	Pacific Airways Inc		880	
10/24/17		Alaskan & Proud Mkt KTN		46	
10/24/17		Alaskan & Proud Mkt KTN		46	
10/25/17	4571	Landing Hotel & Restaurant		158	
10/25/17	4570	Landing Hotel & Restaurant		177	
10/25/17		CC KTN Airport		3	
10/25/17		CC KTN Airport		26	
10/26/17		Alltek Network Solutions Inc		77	
10/31/17	52838	Sunrise Aviation Inc		1,950	
10/31/17	422060827	Hubbell Power Systems, Inc.		6,770	
Total 295-18 Power Line Carrier SW-TY				45,019	
296-18 Power Pole Replace SWL			\$49,000		Replace damaged Pole 197 on SWL transmission line. (Henson)
	\$ -	<i>FY18 Expenditures</i>		-	
Total 296-18 Power Pole Replace SWL				-	
297-18 Powerhs Parapet Seal SWL			\$59,000		Surface coating on exterior parapet wall of SWL powerhouse. Work is weather dependent. (Schofield)
	\$ -	<i>FY18 Expenditures</i>		-	
Total 297-18 Powerhs Parapet Seal SWL				-	
298-18 Unit Control PLC-RTD SWL			\$60,000		Update PLC backplans and RTDs at SWL. (Siedman)
	\$ -	<i>FY18 Expenditures</i>		-	
Total 298-18 Unit Control PLC-RTD SWL				-	
Total WIP R&R Capital Projects			\$3,844,854	\$ 695,145	

* Total Work-In-Progress includes deductions for capitalized projects, and therefore does not match the Total Expenditures on the Summary page.

CLOSED RR265-16 MARKER BALLS TYL

Project	MARKER BALL REPLACEMENT - Tyee Transmission Line		
Description	Replace original marker balls on the Tyee transmission line		
Final Coste:	\$801,412	Completion:	SEP 2017
		Project Mgmt:	S. Henson
PROJECT DISCUSSION			
<p>The marker balls on the Tyee transmission line (Tyee Lake to Petersburg) have reached their end of life. Some are missing and others have slipped on the line. The standards for color and spacing have changed in the last 32 years. This project improves aircraft safety and bring us up to today's standards. This project replaced/installs 105 marker balls.</p> <p>Installation originally planned during June 2017 shutdown was delayed until September 2017. Installation was accomplished within allotted timeframe.</p>			

PROJECT COST			EXPENDITURES	
Marker Balls	\$104,284	HD Power / Slatercom		
Misc.	5,345	Ads, payroll		
Installation	588,651	Northern Powerline	FY17 Expenditures	\$4,896
Change Order	103,132	Northern Powerline	FY18 Expenditures	796,516
Total	\$801,412		FY18 Carry Forward	\$801,412
PROJECT COST DISCUSSION				
<p>Estimates for this project were originally based on conversations with experienced contractors. Overall budget of \$655,000 approved in FY2016.</p> <p>Marker balls were purchased and recorded as inventory, with their cost assigned to the project as they are installed. Installation contract awarded to Northern Powerline Constructors by the Board in September 2016 increased the overall project cost. Installation costs increased again due to project delays that forced a second mobilization. Seven marker balls remain in inventory.</p>				



CLOSED RR265-16 MARKER BALLS TYL

265-16 Marker Balls OHL TYL				Amt	Balance
07/21/16	3315739	Daily Journal of Commerce		77.00	77.00
07/21/16	I01389867	Alaska Dispatch News		87.15	164.15
05/25/17	27650	Petro Marine Services-WRG		532.93	697.08
05/25/17	27606	Petro Marine Services-WRG		206.54	903.62
05/31/17	598	Payroll Tyee		1,608.95	2,512.57
06/10/17	28407	Petro Marine Services-WRG		670.01	3,182.58
06/30/17	603	Payroll Tyee		1,713.08	4,895.66
09/25/17	3129	Northern Powerline Constructors, Inc.		103,131.57	108,027.23
09/30/17	52827	Sunrise Aviation Inc		450.00	108,477.23
09/30/17	3173	Northern Powerline Constructors, Inc.		588,650.50	697,127.73
09/30/17	1806	Inventory - Marker Balls		104,284.46	801,412.19
Total 265-16 Marker Balls OHL TYL				801,412.19	801,412.19



New, larger marker ball compared to old.

Project	DAMPENER REPLACEMENTS – Tyee Overhead Lines		
Description	Replace dampeners on Tyee overhead line (3 years).		
Cost Estimate:	\$99,900	Completion:	Project Mgmt:
Cost-To-Date:	\$33,307	JUN 2019	S. HENSON
Project Discussion			
<p>This project will replace all the vibration dampeners on the overhead lines from Tyee Lake to Wrangell and Petersburg over three years. Installation costs are included in Electric Power Constructors' (EPC) annual transmission line maintenance contract. 180 dampeners were replaced by EPC in September 2017.</p> <p>Another set of dampeners will be ordered in the spring for next year's shutdown.</p>			

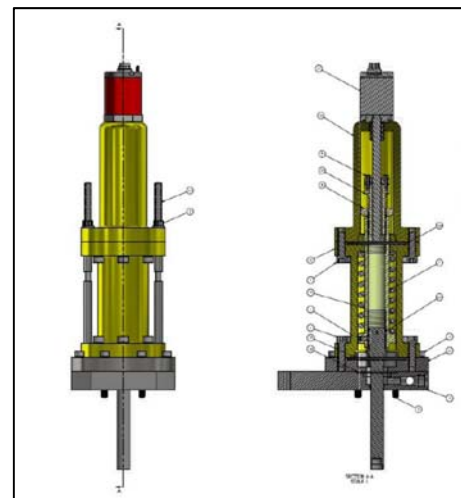
Project Cost					
DESCRIPTION	COST EST.	VENDOR	BUDGET REQUEST		SPENT
Labor	99,900		Requested FY18	\$99,900	\$33,307
Total	99,900				
Project Cost Estimate Discussion					
Budget based on estimate of materials and installation.					

09/18/17 13448	Electric Power Constructors	24,611
09/30/17 1805	Dampeners from inventory	8,696
Total 270-16 Dampeners OHL TYL		33,307

RR272-17 NEEDLE POSITION FEEDBACK ASSEMBLY

Project	NEEDLE POSITION FEEDBACK ASSEMBLY - TYL		
Description	Redesign, manufacture and installation of needle position feedback assemblies		
Estimate	\$123,000	Completion: AUG 2017	Project Mgmt: S. HENSON
PROJECT DISCUSSION			
<p>The needle position feedback assembly sits atop the control head of the turbine nozzle restoring mechanism. It reports the position of each nozzle (needle) to the controls, and is a critical component in controlling the amount of water that is directed to the turbine runner that controls the speed of the generator. These mechanisms were experiencing sensor failures and oil leaks, which created an on-going maintenance issue.</p> <p>FY17 - Prototype designed and manufactured; installed in April 2017. After successful testing of prototype, remaining assemblies were ordered in May.</p> <p>FY18 – Tyee staff assisted with the installation of remaining assemblies in August.</p>			

PROJECT COST					
BREAKDOWN	ESTIMATE		BUDGET REQUEST 2018		SPENT
Design & Commissioning	\$33,020	Segrity, LLC	Approved FY17	\$123,000	\$57,390
Feedback Assemblies	47,605	Automated Tool	Requested FY18	\$ 65,610	\$67,592
In-house Payroll	3,0000	AAP Automation			
Freight, Contingency	12,375				
Total	\$123,000		TOTAL EXPENDITURES		\$124,982
Original project estimate was \$123K. Total expenditures included engineering, custom manufacturing and installation. Prototype capitalized in FY17 and remaining project capitalized in FY18.					



CLOSED RR273-17 TRANSFORMER BUSHING REPLACEMENT TYL

Project	TRANSFORMER BUSHING REPLACEMENT TYL		
Description	Replace damaged bushing.		
Cost:	\$25,560	Completion: SEP 2017	Project Mgmt: S. Henson
Project Discussion			
A bushing on the STI transformer located at the Tyee Lake Substation was chipped when installed five years ago. It was epoxied, but broke again with small pieces falling off. Replacement of this bushing ensures the continued reliability of the transformer and integrity of the STI. Installation took place in September 2017.			

Project Cost				
DESCRIPTION	ESTIMATE	VENDOR	EXPENDITURES	
Bushing	\$6,000	ABB	FY17	\$7,768
Installation	44,000	EPC	FY18	\$17,792
Contingency (weather)	5,000		Total Cost	\$25,560
Total	\$55,000			
Project Cost Estimate Discussion				
Originally approved at \$70K in FY17, the bushing was purchased, and installation contract awarded to Electric Power Constructors. Overall budget reduced to \$55K in FY18 after contract and purchase in place. Contractor was able to accomplish the installation in half the time estimated which reduced the overall replacement cost significantly.				

05/04/17	7103351594	ABB Inc.	5,432
05/08/17	S326WRA27N	Samson Tug & Barge	172
05/18/17	EPC	Alaska Air	491
05/18/17	EPC	Alaska Air	399
05/22/17	EPC	Alaska Air	172
05/23/17	17084	Landing Hotel & Restaurant	263
05/23/17		Stikine Inn	52
05/26/17	4271	Stikine Inn	263
05/31/17	52754	Sunrise Aviation Inc	525
09/30/17	52827	Sunrise Aviation Inc	1,125
10/31/17	13760	Electric Power Constructors	16,667
Total 273-17 XFMR Bushing TYL			25,560



CLOSED RR273-17 TRANSFORMER BUSHING REPLACEMENT TYL





CLOSED

RR275-17

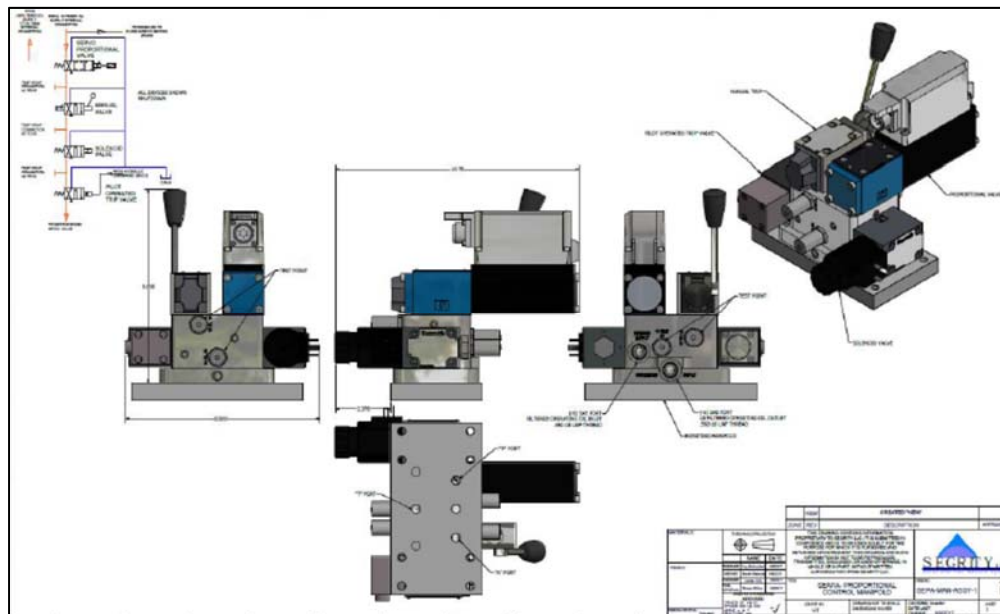
MANIFOLD REPLACEMENT TYL

Project	MANIFOLD REPLACEMENT – TYEE LAKE		
Description	Replace manifold on governor		
Cost:	\$42,228	Completion: NOV 2017	Project Mgmt: S.HENSON
Project Discussion			
<p>The manifold on the governor regulates pressure on the needles. When starting up after a shutdown, the L&S-proprietary Universal Manifold failed to operate until it cooled down. Failure of this unit would halt generation at Tyee unit until repairs could be made. The replacement is a reliable, off-the-shelf manifold that uses standard solenoid valves, enabling future support and reliable in-service operation.</p> <p>Prototype manifold installed April 2017 and successfully tested. Second manifold installed August 2017. Tyee staff assisted with installations.</p>			

Project Cost				
DESCRIPTION	ESTIMATE	BUDGET REQUEST		SPENT
Engineering-Software modification	8,700	Approved FY17	\$39,000	\$18,131
Manifolds and other hardware	18,710	Approved FY18	\$20,869	24,097
Install/Software modification	12,380	Total Expenditures		\$42,228
Total	\$39,790			
Project Cost Estimate Discussion				
Cost estimate was based on budgetary quote. FY18 budget request represented balance of the previously-approved overall budget required to complete this project.				

01/31/17	17196	Segrity LLC	5,655
03/08/17	AT1417	Automated Tool, Inc.	1,245
04/26/17	4205	Stikine Inn	95
04/28/17	17216	Segrity LLC	2,345
04/28/17	17223	Segrity LLC	7,655
04/30/17	52743	Sunrise Aviation Inc	145
04/30/17	592	Payroll	990
06/08/17	AT6914	Automated Tool, Inc.	775
06/30/17	17241	Segrity LLC	731
08/15/17	4427	Stikine Inn	44
08/22/17	4447	Stikine Inn	36
08/29/17	17244	Segrity LLC	2,146
08/31/17	17250	Segrity LLC	4,260
08/31/17	624	Payroll	371
10/05/17	17255	Segrity LLC	15,733
Total 275-17 Manifold Replacement TYL			42,228

MANIFOLD REPLACEMENT TYL

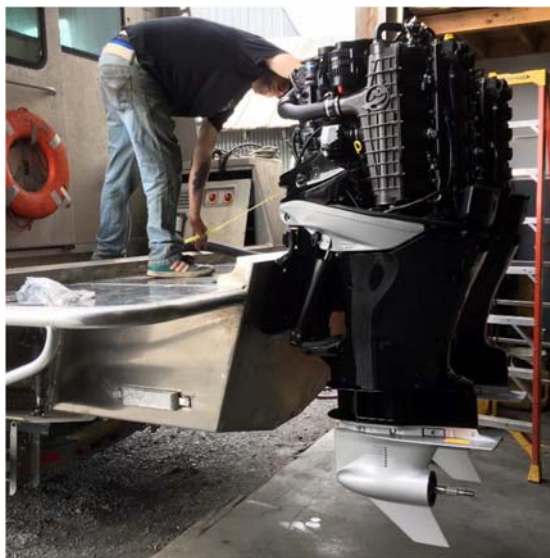


CLOSED FY18 - RR280-18

BOAT MOTORS-TRANSOM (SVENDSEN)

Project:	BOAT MOTOR REPLACEMENT & TRANSOM EXTENSION		
Description:	Replace motors and extend the transom on the Svendsen landing craft.		
Actual Cost:	\$59,270	Completion:	SEP 2017
		Project Mgmt:	S. Henson
PROJECT DISCUSSION			
<p>The 34' Svendsen landing craft is primarily used for hauling materials to Tyee and accessing remote sites by the Wrangell brushing crew. It was built in 2010 and fitted with twin Mercury 250 motors. The proposal is to replace the motors with 350s that will provide more appropriate power for the loads being carried on the boat. Staying with the Mercury motors will eliminate the need to change controls. The transom will be extended to accommodate the weight and size of the larger motors.</p> <p>Twin Mercury 350 XXL Verados were installed, and a motor pod was added for extra buoyancy to counteract the extra weight of the new motors. The vessel now cruises at 32 knots at 5100 rpm, with fuel consumption of 17 gal./hr. per engine. The old 250s were 22 knots at 5200 rpm, with fuel consumption of 21 gal./hr. per engine. Operating costs have been reduced by one-third.</p>			

PROJECT COST		
(2) Mercury 350s (Bay Co.)	\$24,160	
Propellers, harness, install (Bay Co.)	28,860	
Transom Extension (Svendsen)	6,250	FY2018 Expenditures
Total	\$59,270	\$59,270.35
Project Cost Discussion		
<p>Budgetary quote provided by Bay Company Wrangell included a credit of \$7,000 for trade-in on existing motors. Trade-in recorded to (946002) gain/loss on the disposal of old motors.</p>		





Serial Nos. 2B460684 and 2B461214

280-18 Boat Motors-Transom TYL			
09/08/17	1107	Svendsen Marine	6,251.10
10/03/17	6152006	Bay Company Enterprises, LLC	46,019.25
10/31/17	6152006	Bay Company Enterprises, LLC	7,000.00
Total 280-18 Boat Motors-Transom TYL			59,270.35

CLOSED R&R PROJECT
RR294-18 PICKUP – TYL

Project:	PICKUP – Tyee Lake		
Description:	Replace aging pickup at Tyee with new.		
Cost Estimate:	\$32,256	Completion: Sep 2017	Project Mgmt: S.HENSON
PROJECT DISCUSSION			
<p>The purchase of a new pickup replaces a 1991 model at Tyee Lake for which parts are increasingly difficult to find; frequent repairs means the vehicle is no longer reliable. Staff had been working on the brakes, and the pedal has fallen off. The 1991 model will be disposed.</p> <p>FY18 – A 2017 Ford F150 was purchased in August 2017 and shipped to Tyee in September.</p>			

PROJECT COST ESTIMATE			
BREAKDOWN	ESTIMATE.	EXPENDITURES FY18	
Pickup	\$36,500	FY2018	\$32,256
Shipping	2,000		
Total	\$38,500		
Project Cost Estimate Discussion			
<p>Budgeted at \$38,500, the estimate was based upon online quotes for a Ford F-150, V6, 2-door, 4WD pickup.</p>			
			

Date	Num	Name	Memo	Amount
294-18 Pickup TYL				
08/18/17	FORD201708	Horizon Ford	PO18020 2017 F150 XL 4x4 Pickup TYL	30,026.85
08/24/17	S358WRA19N	Samson Tug & Barge	Shipment of Ford F150 - New TYL Truck	1,128.75
09/21/17	1572	Stikine Transportation	Transport Truck to TYL	1,100.00
Total 294-18 Pickup TYL				<u>32,255.60</u>

CLOSED R&R PROJECT
RR294-18 PICKUP – TYL



1991 Ford pickup, dark blue, Tyee Lake (Asset #2158264)



SOUTHEAST ALASKA POWER AGENCY MEMO

Date: **December 6, 2017**

From: **Trey Acteson**

To: **Board of Directors**

Subject: **Audited Financial Statements**

An audit of SEAPA's financial statements for the fiscal year ending June 30, 2017 took place the week of October 30 with auditors from BDO USA, LLP on site at the Ketchikan office. A draft copy of the resulting audited financial statements for the fiscal year ending June 30, 2017 will be distributed in a separate communication. Joy Merriner, Assurance Partner with BDO, is scheduled to present the audited financial statements and answer any questions via teleconference at the board meeting.

SUGGESTED MOTION

I move to accept the Southeast Alaska Power Agency Fiscal Year 2017 Audited Financial Statements as presented in the December 13-14, 2017 SEAPA Board packet.

Note: As mentioned in the Financial Cover Memo, if the Board elects to change the amount of the FY2017 rebate, it will require an adjustment to the audited financial statements. After presentation and discussion of the Audited Financial Statements, the Board may move to postpone the vote on accepting them.

SUGGESTED MOTION TO POSTPONE VOTE

I move to postpone the pending motion until after the Rebate Distribution discussion later during this meeting.

**MEMORANDUM
ATTORNEY-CLIENT COMMUNICATIONS**

TO: Lew Williams, Chair
Southeast Alaska Power Agency

FROM: Joel R. Paisner, Ascent Law Partners, LLP

DATE: December 6, 2017

RE: Suggested Motion for Executive Session Re: Hydrosite Investigations

To the extent that the Board of Directors seeks to conduct further discussions relating to hydrosite investigations, I recommend the following motion be made:

I move to recess into Executive Session to conduct further discussions relating to the Agency's hydrosite investigations. The Executive Session will be conducted pursuant to SEAPA's Bylaws which are consistent with Alaska Statute 44.62.310 as the discussions may include matters the immediate knowledge of which would clearly have an adverse impact upon the finances of the Agency, the Projects, or any of its Member Utilities as well as the matters discussed with an attorney retained by the Board, the immediate knowledge of which could have an adverse effect on the legal position of the Agency.



SOUTHEAST ALASKA POWER AGENCY

Resolution No. 2018-069 Approval of First Bank Signatories

To: SEAPA Board of Directors From: Trey Acteson, CEO Date: December 4, 2017

Attached for your consideration is Resolution No. 2018-069, which authorizes signature authorities for SEAPA's First Bank accounts. The bank requires a formal board resolution to update the signature cards on file. The effect of this resolution will substitute Mr. Henson, who usually works from Wrangell, with Mr. Siedman as a signer to these accounts. Four signatories are recommended so that at least two are on site in the Ketchikan office to accommodate the Agency's banking business.

SUGGESTED MOTION
I move to adopt Resolution No. 2018-069, authorizing signatories to the First Bank accounts named in the resolution.

RESOLUTION NO. 2018-069
SOUTHEAST ALASKA POWER AGENCY
APPROVING SIGNATORIES TO FIRST BANK ACCOUNTS

WHEREAS, on December 13, 2017, the Board of Directors of The Southeast Alaska Power Agency ("SEAPA") desires to authorize the following, namely:

Albert E. (Trey) Acteson, Chief Executive Officer
Edward W. Schofield, Power System Specialist
Robert J. Siedman, Director of Engineering & Technical Services
Sharon E. Thompson, Executive Assistant

of SEAPA, the authority to sign checks and/or any documents necessary to transact business for the following SEAPA First Bank accounts:

Account Name	Account No.	Account Name	Account No.
Revenue Fund	xxx310	Commercial Checking	xxx260
Required R&R Fund	xxx300	New Generation Fund	xxx700
Dedicated R&R Projects Fund	xxx010		

NOW THEREFORE, BE IT RESOLVED that the Board of Directors of SEAPA authorizes the following, namely:

Albert E. (Trey) Acteson, Chief Executive Officer
Edward W. Schofield, Power System Specialist
Robert J. Siedman, Director of Engineering & Technical Services
Sharon E. Thompson, Executive Assistant

of SEAPA, the authority to sign checks and/or any documents necessary to transact business for the following SEAPA First Bank accounts:

Account Name	Account No.	Account Name	Account No.
Revenue Fund	xxx310	Commercial Checking	xxx260
Required R&R Fund	xxx300	New Generation Fund	xxx700
Dedicated R&R Projects Fund	xxx010		

Such authority shall remain in force until revoked by written notice to First Bank of such action taken by SEAPA's Board of Directors. All prior authorizations are superseded.

This Resolution No. 2018-069 was duly PASSED and ADOPTED by SEAPA's Board of Directors on the ____ day of December 2017 in Petersburg, Alaska.

SOUTHEAST ALASKA POWER AGENCY

By _____
Chairman of the Board

ATTEST:

Secretary/Treasurer



SOUTHEAST ALASKA POWER AGENCY

Date: December 6, 2017
To: Trey Acteson, Chief Executive Officer
From: Ed Schofield, Power Systems Specialist
Subject: Independent Consultant for Swan Lake 2019 FERC Part 12 Report

A Request for Proposals for an Independent Consultant for SEAPA's Swan Lake 2019 FERC Part 12 Report was advertised on November 2, 2017. Three (3) bids were received on December 1, 2017 as follows:

Bidder	City/State	Bid Amount
Kleinschmidt Associates Inc.	Portland, OR	\$60,300
McMillen Jacobs Associates	Boise, ID	\$62,330
Schnabel Engineering, LLC	Seattle, WA	\$72,576

An independent review was conducted, and each proposal was evaluated primarily based on experience in the design and construction of concrete arch dams and familiarity with FERC's Dam Safety Performance Monitoring and PFMA Programs, general approach to the work, ability to respond to the work in a timely and efficient manner, and competitive pricing. \$85,000 was authorized in the FY2018 Operating Budget for the project.

Based on a careful evaluation of the bids presented, staff recommends award of the Independent Consultant for Swan Lake 2019 FERC Part 12 Report to Schnabel Engineering, LLC. In staff's Notice of Recommendation of Award to the bidders, it was noted that in the Request for Proposals SEAPA reserved the right to accept other than the apparent lowest-price bid and that Schnabel's designated Independent Consultant demonstrated a superior engineering knowledge and Part 12 experience with elliptical arch dam designs similar to the Swan Lake Hydroelectric Project.

The apparent low bidder responded to the notice and did not express any concerns with staff's recommendation of award.

Please consider the following suggested motion:

SUGGESTED MOTION
I move to authorize staff to enter into a Contract with Schnabel Engineering, LLC for an Independent Consultant for SEAPA's Swan Lake 2019 FERC Part 12 Report for the not-to-exceed amount of \$72,576.

Date: December 4, 2017
To: Trey Acteson, Chief Executive Officer
From: Robert Siedman, P.E., Director of Engineering & Technical Services

SEAPA 2018 Operations Plan Report

Every year SEAPA presents the Operations Plan (Ops Plan) for Board approval in accordance with Section 5 of the Power Sales Agreement¹ (PSA). The annual plan forecasts expected reservoir levels for Tyee Lake and Swan Lake for the upcoming year by maximizing output from SEAPA facilities and optimizing water resources. Pursuant to the PSA, the Ops Plan gives first priority to the dedicated Firm Power Requirements of each Utility and optimizes additional dedicated output as a second priority for additional power requirements. Optimization of water resources is achieved by an algorithmic math model as represented in Figure 1.

Water Resource Algorithmic Math Model Process

Step 1: Current lake levels

Step 2: Inflow Forecasts

1. NOAA
2. USGS
3. NINO3.4

Step 3: Load Forecast

1. Temperature Forecasts
2. Scheduled Maintenance
3. STICS/Historic Loads

Step 4: Iterative Math Model

1. Case Reservoir Plots
2. Optimized Water Resources

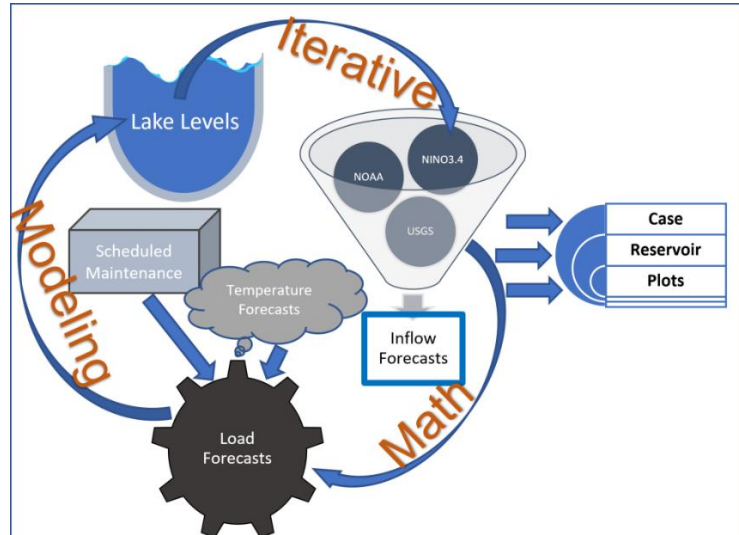


Figure 1: Math Modeling: Optimizing Water Resources

The iterative process utilized in the algorithm to optimize water resources was applied to a variety of cases. Each case was further analyzed, and a guide curve was developed. Special consideration was made to ensure optimization of water resources without risking dedicated Firm Power Requirements of

¹ Section 5 of the Power Sales Agreement states that SEAPA shall prepare annually an Operations Plan to estimate the Firm Power Requirements of the Purchasing Utilities and identify Dedicated output to maximize utilization and optimize output of each facility.

the Purchasing Utilities. The process, assumptions, and results are discussed below.

Current Lake Levels

The current lake levels on December 1, 2017 are slightly lower than the estimated 2017 Ops Plan. October 2017 was a near-record low with regard to inflows and November was a near-record high with regard to loads. This anomaly is discussed in more detail in the subsequent Inflow Forecasts section. Swan Lake's flashboards impounded water from September 24 to November 2 (40 days). This equates to approximately 3,723MWh that was gained from the Swan Lake Reservoir Expansion project. This is additional capacity that would have otherwise been lost as spilled energy. On December 1, Swan Lake reservoir was at an elevation 314.5 ft. and Tyee Lake reservoir was at an elevation of 1375 ft.

Inflow Forecasts

Inflow predictions for calendar year 2018 were performed by utilizing NOAA, NINO3.4 and historic USGS inflow data. NOAA forecasts for the months of December-January-February are predicting below normal precipitation and below normal temperatures. Figure 2 illustrates that NOAA is predicting with a 40-50% probability confidence a below normal three-month outlook.

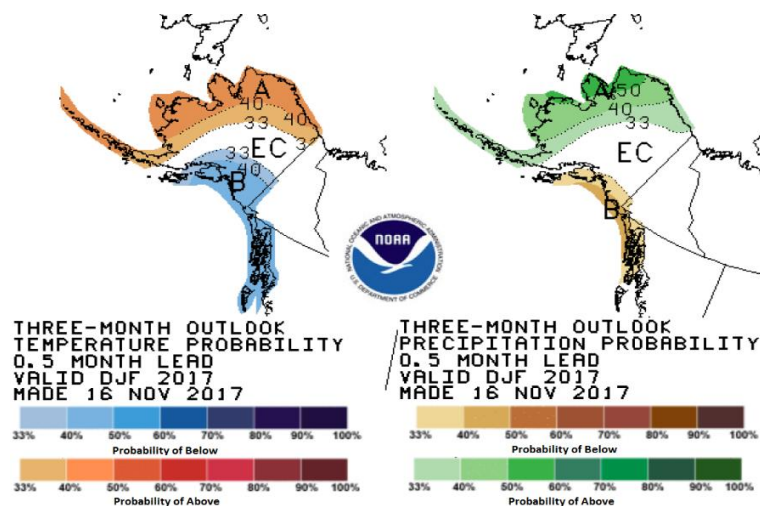


Figure 2: NOAA Dec-Jan-Feb Outlook

NOAA however put more confidence (70% probability) into the prediction that a La Nina is expected. The strength of the predicted La Nina is what SEAPA is mostly concerned with because this information can be used to model an expected inflow season.

There are dozens of institutions that have developed El Nino Southern Oscillation models (ENSO). Oceanographic temperature models such as ENSO's are used by NOAA to predict weather patterns.

The latest ENSO models show that we are currently in a moderate La Nina. Ocean temperatures are currently 0.5–1.0 °C below average temperatures. Cooler ocean temperatures correlate to cooler weather and lower precipitation rates in the Northwest hemisphere.

Figure 3 illustrates the International Research Institute (IRI) and Climate Prediction Centers (CPC) ENSO model. Apparent to all participating institute forecasts is a continued below average ocean temperature. Coupled with a near record low precipitation in October of this year, an El Nina is currently active and highly probable to continue.

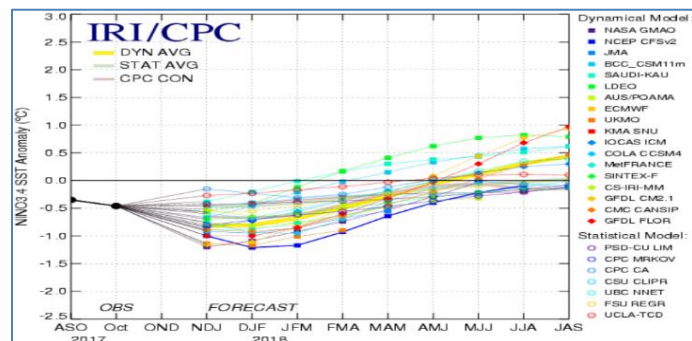


Figure 3: 2018 ENSO Model

Inflow seasons are cyclical and have a close correlation with ocean temperatures. As evident in Figure 4, ocean temperatures have been increasing over the past 50 years however the increase in temperatures appear to be consistent and predictable. The ocean's cyclical warming, and cooling patterns are termed El Nino and La Nina respectively. Between the years 2014 and 2016 the largest El Nino in history was recorded.

The second largest El Nino in recorded history occurred between the years 1996 and 1998. As evident in Figure 4, typically after a strong El Nino season, there is a reactively strong La Nina period that follows. 2015 inflows (during the last El Nino), Swan Lake and Tyee Lake reservoirs were recorded at nearly the highest

in history. Both reservoirs spilled for nearly the entire season, similar to the 1997-1998 El Nino season.

Given that 2015 inflows were consistent with the strongest El Nino in history, they are considered by SEAPA to be typical of a strong El Nino season. Cyclical and predictable to a certain degree of confidence, SEAPA predicts the upcoming La Nina season in reaction to the recent El Nino to be comparable to 1999. The 1999 La Nina season was an extremely low inflow year and for the purposes of modeling inflows, was chosen as the low inflow case year for Swan Lake and Tyee Lake models.

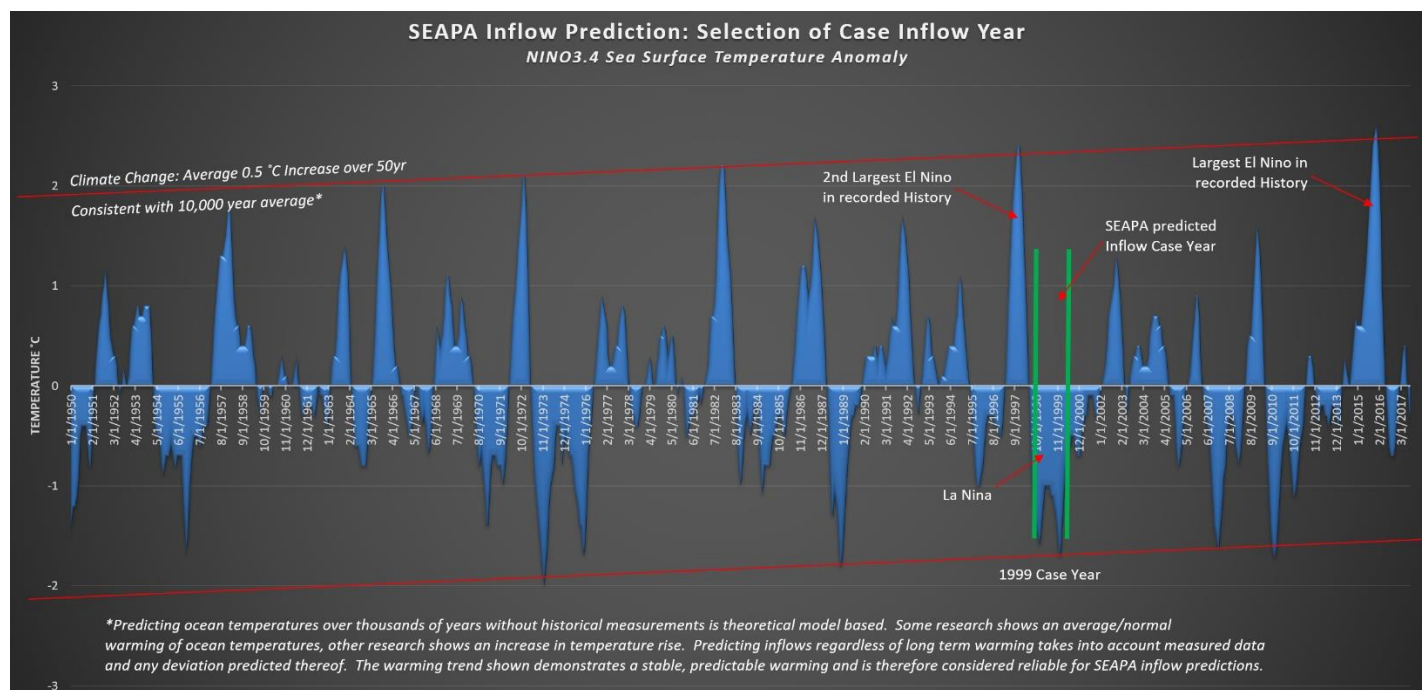


Figure 4: SEAPA Inflow Prediction – Case Year

Average inflows for both Swan Lake and Tyee Lake reservoirs were also modeled. It is highly unlikely that there will be an above average inflow for the 2018 season and therefore the low & average cases were used to determine the respective guide curves.

Case Month	SWL Low Inflow (avg cfs)	SWL Avg Inflow (avg cfs)	TYL Low Inflow (avg cfs)	TYL Avg Inflow (avg cfs)
jan	32.8	419.4	44.9	21.9
feb	126.7	115.2	23.1	16.7
mar	147.5	162.5	21.0	21.0
apr	247.0	571.4	38.3	28.6
may	485.2	629.3	151.5	211.2
jun	543.0	545.7	354.3	396.7
jul	425.1	424.3	307.1	300.2
aug	343.1	366.1	142.0	204.4
sep	577.4	400.3	95.6	237.4
oct	357.1	340.0	383.7	273.1
nov	253.6	533.7	52.9	94.4
dec	385.9	612.7	26.1	34.4
Average Annual	327.0	426.7	136.7	153.3

Table 1: SEAPA predicted Inflow Cases for 2018

Low Inflow Cases

Table 1 illustrates the inflow inputs that were used for the Swan Lake and Tyee Lake reservoir level models. As discussed previously, the low inflow cases were based on 1999 inflows. The low average annual cfs for Swan lake was 327.0 cfs and the low average annual cfs for Tyee Lake was 136.7 cfs.

Average Inflow Cases

The average inflow case for Swan Lake was inserted into the model with an average annual cfs value of 426.7 cfs. Average inflows were based on 1919 inflows which were similar to the 100-year average. The average inflow case for Tyee Lake was inserted into the model with a cfs value of 153.3cfs. This was based on a 5-year average between 1964-1969 and is similar to that of the IEC².

Load Forecasts

Load forecasts and subsequent SEAPA deliveries were estimated for the 2018 calendar year with consideration to the NOAA December-January-February outlook (colder average temperatures) and the 5-year SEAPA delivery schedule (2011-2016). Two cases were developed, based on expected inflows and respective lake levels that were iteratively modeled to balance the reservoirs. Each load forecast case was calculated with a 2% increase for colder predicted winter months, averaged over the past 5-year maximums and a 0.5% increase for all remaining months. The forecasted Firm Power Requirements for the respective Utilities are as follows:

Ketchikan Forecasted Load Requirements: **99,716MWh**

Wrangell & Petersburg Load Requirements: **85,511MWh**

SEAPA Total Forecasted Loads (not including line loss): **185,227MWh**

² The International Engineering Company (IECo) performed a study to determine hydrologic data necessary for the design of Tyee Lake. The results included Tyee Lake inflow average estimates.

Low Inflow Load Case:

Table 2 illustrates the load forecasts for 2018 using a low inflow case (1999). With low inflows, Swan Lake was modeled in a manner to allow for full recovery of the reservoir in the Fall of 2018. This was achieved by shifting generation from Swan Lake to Tyee Lake. The result is a lower draft of Tyee Lake however as discussed in the subsequent Iterative Math Model section (and case reservoir plots section), a low inflow year modeled for 2018 will still result in a nearly full pool at Tyee by Fall of 2018.

	KTN			Swan Lake		STI		WRG-PSG			Tyee Lake	
	Expected	Required	Required	Expected Gen	Expected Gen	STI Expected	STI Expected	Expected	Required	Required	Tyee Expect	Tyee Expected
	Delivery	Generation	Generation	from Inflow	from Inflow	(balance)	(balance)	Delivery	Generation	Generation	Generation	Generation
	MWh	MWh	Avg MW	Avg MW	MWh	MWh	Avg MW	MWh	MWh	Avg MW	Avg MW	MWh
JAN	10870.4	11522.6	15.5	11.0	8184.0	3338.6	4.5	9176.9	9635.8	13.0	17.4	12974.4
FEB	10862.0	11513.7	17.1	10.0	6720.0	4793.7	6.4	8730.8	9167.3	13.6	20.8	13961.0
MAR	8493.3	9002.9	12.1	5.0	3720.0	5282.9	7.1	7283.8	7720.8	10.4	17.5	13003.7
APR	6594.8	6990.5	9.7	4.0	2880.0	4110.5	5.5	6282.4	6659.3	9.2	15.0	10769.8
MAY	5054.7	5358.0	7.2	4.0	2976.0	2382.0	3.2	4997.3	5297.1	7.1	10.3	7679.1
JUN	5730.8	6074.7	8.4	5.0	3600.0	2474.7	3.3	4906.7	5201.1	7.2	10.7	7675.8
JUL	7670.2	8130.4	10.9	5.0	3720.0	4410.4	5.9	7202.1	7634.2	10.3	16.2	12044.5
AUG	7011.9	7432.7	10.0	6.0	4464.0	2968.7	4.0	7445.0	7891.7	10.6	14.6	10860.3
SEP	6544.5	6937.2	9.6	6.0	4320.0	2617.2	3.5	5180.8	5491.7	7.6	11.3	8108.8
OCT	8095.6	8581.3	11.5	8.0	5952.0	2629.3	3.5	6637.0	7035.2	9.5	13.0	9664.5
NOV	9143.1	9691.6	13.5	7.3	5220.0	4471.6	6.0	7547.9	8000.8	11.1	17.3	12472.4
DEC	13644.7	14463.4	19.4	12.0	8928.0	5535.4	7.4	10120.9	10728.1	14.4	21.9	16263.5
Total	99716.0	105698.9	-	-	60684.0	45014.9	-	85511.6	90463.2	-	-	135478.1

Table 2: SEAPA 2018 Load Forecast for **Low Inflow Case**

Average Inflow Load Case:

Table 3 illustrates a load forecast for 2018 with inflows biased toward an average inflow year. For an average inflow, Swan Lake reservoir generates nearly 20,000MWh more than the low inflow case above. Load forecasting for Ketchikan, Petersburg and Wrangell are unchanged however loads are shifted less across the Swan-Tyee intertie from the Tyee Lake reservoir to Ketchikan.

	KTN			Swan Lake		STI		WRG-PSG			Tyee Lake	
	Expected	Required	Required	Expected Gen	Expected Gen	STI Expected	STI Expected	Expected	Required	Required	Tyee Expect	Tyee Expected
	Delivery	Generation	Generation	from Inflow	from Inflow	(balance)	(balance)	Delivery	Generation	Generation	Generation	Generation
	MWh	MWh	Avg MW	Avg MW	MWh	MWh	Avg MW	MWh	MWh	Avg MW	Avg MW	MWh
JAN	10870.4	11522.6	15.5	16.0	11904.0	0.0	0.0	9176.9	9635.8	13.0	13.0	9635.8
FEB	10862.0	11513.7	17.1	18.0	12096.0	0.0	0.0	8730.8	9167.3	13.6	13.6	9167.3
MAR	8493.3	9002.9	12.1	12.0	8928.0	74.9	0.1	7283.8	7720.8	10.4	10.5	7795.7
APR	6594.8	6990.5	9.7	9.7	6984.0	6.5	0.0	6282.4	6659.3	9.2	9.3	6665.8
MAY	5054.7	5358.0	7.2	7.2	5356.8	1.2	0.0	4997.3	5297.1	7.1	7.1	5298.3
JUN	5730.8	6074.7	8.4	6.0	4320.0	1754.7	2.4	4906.7	5201.1	7.2	9.7	6955.8
JUL	7670.2	8130.4	10.9	8.0	5952.0	2178.4	2.9	7202.1	7634.2	10.3	13.2	9812.5
AUG	7011.9	7432.7	10.0	6.0	4464.0	2968.7	4.0	7445.0	7891.7	10.6	14.6	10860.3
SEP	6544.5	6937.2	9.6	0.0	0.0	6937.2	9.3	5180.8	5491.7	7.6	17.3	12428.8
OCT	8095.6	8581.3	11.5	5.0	3720.0	4861.3	6.5	6637.0	7035.2	9.5	16.0	11896.5
NOV	9143.1	9691.6	13.5	10.0	7200.0	2491.6	3.3	7547.9	8000.8	11.1	14.6	10492.4
DEC	13644.7	14463.4	19.4	11.2	8332.8	6130.6	8.2	10120.9	10728.1	14.4	22.7	16858.7
Total	99716.0	105698.9	-	-	79257.6	27405.0	-	85511.6	90463.2	-	-	117868.2

Table 3: SEAPA 2018 Load Forecast for **Average Inflow Case**

Scheduled Maintenance:

SEAPA does not anticipate any extended outages in calendar year 2018. Typical line maintenance, generator unit annual maintenance and substation maintenance were considered when developing the load forecasts. Swan Lake station service switchgear upgrades and Swan Lake turbine runner repairs are anticipated in the future. However, for CY2018, typical outage durations and times were modeled.

Iterative Math Model:

The Tyee Lake and Swan Lake models used to predict lake levels involve iterating through inflow scenarios and generation load sequences. Lake levels are inputted with actual levels on the day the model was run. Once inflow predictions were developed, manipulation of generation inputs was performed to balance lake levels between Tyee and Swan. The guide curve was developed by averaging the low inflow and average inflow cases, with a slight bias towards the low inflow case for early spring months.

Swan Lake Reservoir Plot (Operations Plan):

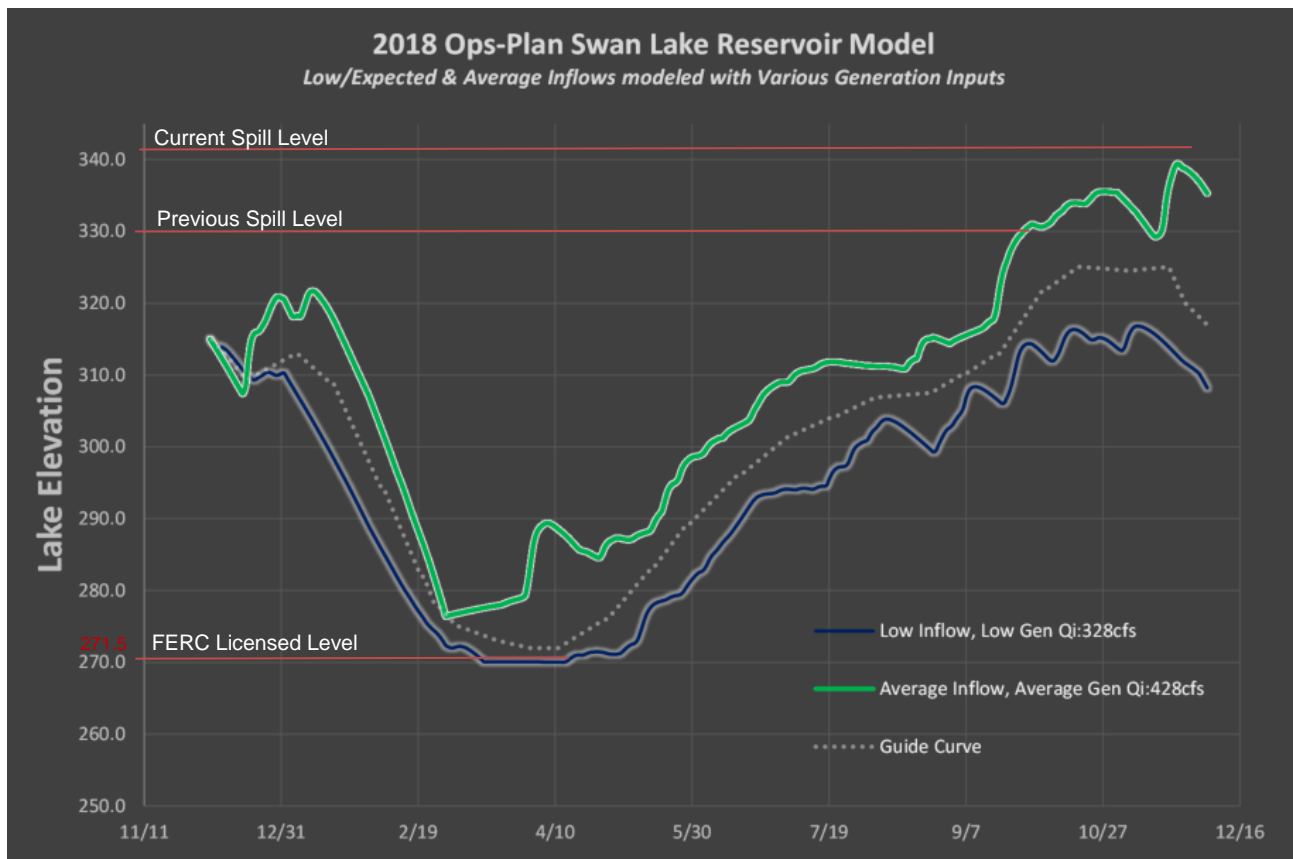


Figure 5: Swan Lake Reservoir Plot & Guide Curve

The 2018 Swan Lake reservoir model as illustrated in Figure 5 above illustrates the two case scenarios as discussed in preceding sections. The Low Inflow: Low Generation case demonstrates a possibility of very low lake levels in the Spring of 2018. This scenario could result in curtailed SEAPA sales to Ketchikan to ensure dedicated Firm Power requirements from Tyee Lake to Petersburg and Wrangell.

The Average Inflow and Average Generation case demonstrates a small probability of curtailment. As discussed in the Iterative Math Model section, the guide curve was developed as an average to both possible scenarios. The probability of each case is around 50% therefore an averaged case is reasonable to assume. The guide curve illustrates drafting Swan Lake to an elevation of 272 ft. which will result in a recovered pool elevation of 317 ft. in December of 2018. The probability of a shift from the current La Nina to an El Nino condition in calendar year 2019 is high and therefore a lower lake elevation to start CY2019 is less risky. Given the current La Nina and predicted continuation of low inflows through the 1st quarter of CY2018, generation from Swan Lake was reduced and Tyee Lake was utilized to help meet the additional power requirements of Ketchikan.

Tyee Lake Reservoir Plot (Operations Plan):

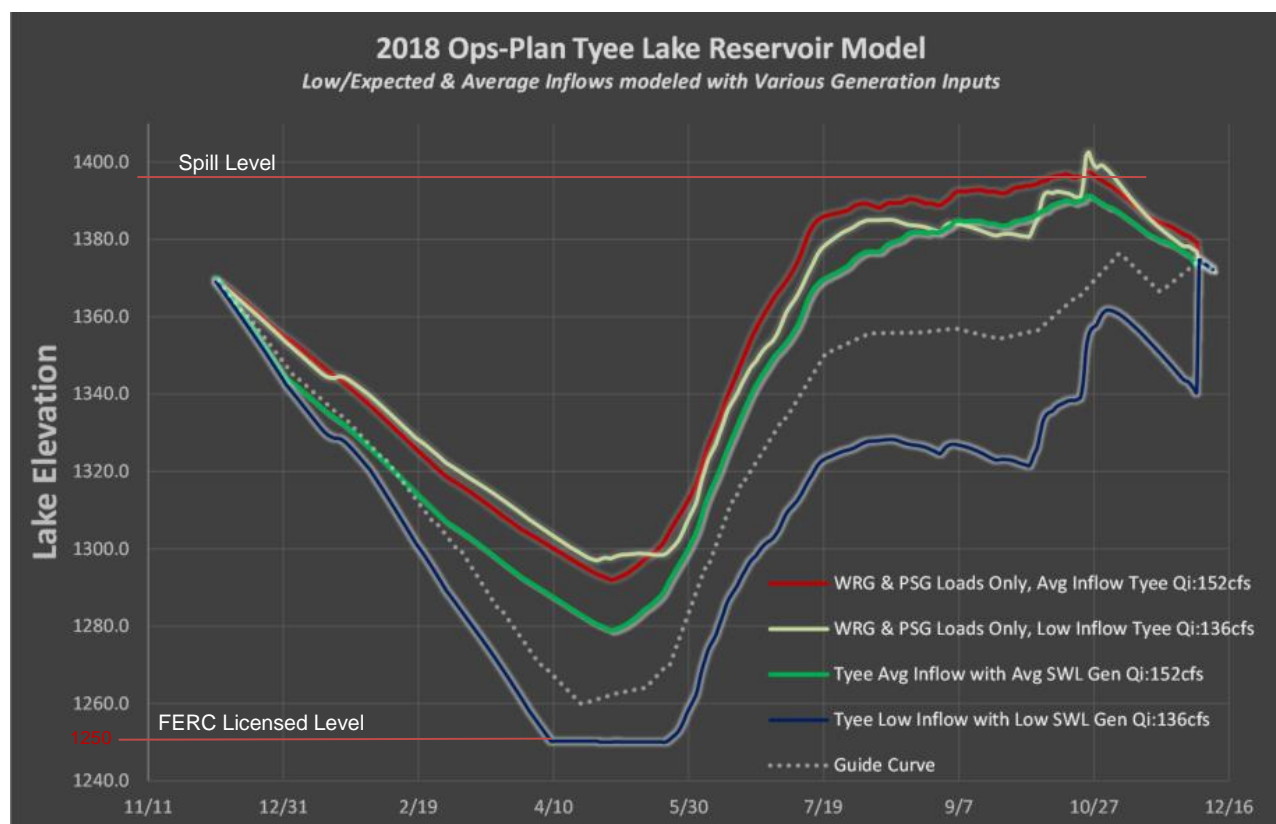


Figure 6: Tyee Lake Reservoir Plot & Guide Curve

The 2018 Tyee Lake reservoir model demonstrates 4 case scenarios. The two Petersburg and Wrangell load only plots (yellow & red) illustrate that Tyee lake would spill in both a low inflow and an average inflow year if the STI wasn't utilized (where additional power wasn't sent to Ketchikan). The Tyee Low Inflow: SWL Low Generation plot (blue) and the Tyee Average Inflow: SWL Average Generation plot (green) were both generated from direct outputs of the Swan Lake model, after multiple iterations to balance the lakes.

In the Swan Lake Low Generation plot (blue), maximizing both resources would result in drafting Tyee to the FERC licensed limit. Drafting Tyee Lake (and Swan Lake) to the FERC³ licensed limit is important for relicensing. It is therefore SEAPA's goal to draft the lakes on occasion as close to the FERC licensed limit as reasonable, without adding risk or jeopardizing the probability of successful deliveries.

³ The FERC licensed limit for Tyee Lake is elevation 1250ft. Swan Lake is 271.5ft.

Optimizing Water Resources:

Tyee Lake Draft:

Optimizing water resources is important for maximizing resource outputs and insuring FERC licensed limits are retained. It is however also SEAPA's mission to ensure dedicated outputs are delivered to meet the Firm Power Requirements of the Purchasing Utilities. In the Swan Lake reservoir model, all dedicated outputs from the facility are modeled as delivered loads to Ketchikan, thereby meeting SEAPA's mission regarding Swan Lake. In the Tyee Lake model, drafting the reservoir to the FERC licensed limit adds a measurable amount of risk in SEAPA's ability to ensure dedicated outputs are delivered to Petersburg and Wrangell thereby meeting their Firm Power Requirements. It is therefore important to draft the lake to an elevation such that a reasonable amount of contingency (days of dedicated output) are available to Petersburg and Wrangell in the event that there are zero inflows into Tyee Lake. Between the Tyee Lake elevations of 1260 ft. and 1250 ft., the amount of MWh per foot of lake is averaged to be approximately 410MWh/ft. With 10 feet of lake as a contingency (guide curve draft limit for Tyee is 1260 ft.), this leaves approximately 4,100MWh of available contingency. Assuming that at a worst-case load, (5-year maximum), in the Month of May when Tyee Lake is drafted to its lowest elevation, Petersburg and Wrangell would consume approximately 5,300MWh (including line losses). With the improbable event that Tyee Lake has zero inflows, 10 ft. of available Tyee Lake capacity used for contingency would leave Petersburg and Wrangell with 24 days of dedicated output.

Swan Lake Spill:

The Swan Lake reservoir was raised from elevation 330 ft. to elevation 345 ft. Calendar year 2017 was the first year that the benefits of this effort were realized. On September 29, Swan Lake was at an elevation of 335.8 ft. As stated earlier, this added 3,723MWh of energy captured, that would have otherwise been lost to spill. Similar to that of the 2017 Ops Plan, SEAPA plans to operate Swan Lake above elevation 330 ft. in the following manner:

- Elevations 330 ft. to 339 ft. - Both generating units will be fully available and the vertical gate will be operable. Water will be stored for future use.
- Elevations 339 ft. to 342 ft. - Both units will operate to their highest levels that loads permit to draft the reservoir back down to 339 ft. or below, this will most likely occur in spring and fall and assist with refilling Tyee Lake as increasing Swan Generation will reduce Tyee Generation for a given SEAPA delivery schedule.
- For the first few years, water above elevation 342 ft. will be immediately spilled by automatic operation. At elevation 335.8 ft. as seen in September 2017, there were little signs of Flashboard leakage. Testing is still required at higher elevations. Flashboards automatically release at elevation 347 ft.

[Remainder of page intentionally left blank.]

2018 Operations Plan Summary

Section 5 of the Long-Term Power Sales Agreement provides the following:

Operations Plan Development. ... The objectives of the Operating Plan shall include maximizing the utilization of the output of the Agency Facilities and optimizing the output of the Agency Facilities in order to serve the Purchasing Utilities' Firm Power Requirements as set forth pursuant to this Agreement, through the use of water management and other efficient dispatch procedures adopted by the Agency, subject to Dedicated Parties' priority access to Dedicated Output. ... [Emphasis added]

For the reasons demonstrated in the proposed Operations Plan and pursuant to the Power Sales Agreement, SEAPA staff proposes guide curve elevations be used by the scheduling group as guides. If lake levels fall below the guide curves, SEAPA will manage water resources, in consideration of current conditions, with an overall objective of restoring lake levels to their respective guide curves. As lake levels approach the annual minimum Board approved draft limits (Tyee: 1260 ft. and Swan: 272 ft.), SEAPA and the dedicated resource holder(s) will enter into discussions as to whether curtailments will be issued. Guide curve elevations and minimum draft limits for Swan Lake and Tyee Lake are listed in Figure 5 and Figure 6 and correspond with the table below.

SEAPA 2018 Operations Plan Guide Curve Values

Mth/Day	12/5	1/5	2/5	3/5	4/1	4/28	5/28	6/15	7/5	7/21	8/24	9/18	10/18	11/20	12/4
SWL Guide Curve Elevation (ft)	315	313	295	275	272	276	289	296	302	304	308	313	325	325	317
TYL Guide Curve Elevation (ft)	1370	1343.7	1323.9	1299.3	1270	1260	1280	1312.3	1335	1351	1356	1355	1365.6	1366.7	1358.4

For reference, past Operations Plan minimum draft limits are listed below. With the predicted low inflows for CY2018, the proposed 2018 Operations Plan proposes that Swan Lake and Tyee Lake draft limits be lowered 1-foot below the approved 2017 Operations Plan.

	SEAPA Historical Draft Limits			
	2014	2015	2016	2017
Swan Lake	275 ft.	285 ft.	275 ft.	273 ft.
Tyee Lake	1265 ft.	1280 ft.	1270 ft.	1261 ft.

Please consider the following suggested motion:

SUGGESTED MOTION
I move to approve the 2018 SEAPA Operations Plan as presented in the December 13-14, 2017 Board packet.



SOUTHEAST ALASKA POWER AGENCY

Date: December 6, 2017
To: Board of Directors
From: Trey Acteson, CEO
Subject: Dedicated Funding for Submarine Cable Replacement

During discussions at a prior board meeting on the Agency's Submarine Cable System, the Board expressed an interest in establishing a mechanism for setting aside funds for eventual cable replacements. The cost to replace all cables when needed will likely be on the order of the magnitude of \$40-50 million. With Agency annual excess revenues averaging about \$800,000.00, it will take many years to accumulate necessary funding. The existing 4R Plan classifies the submarine cables as a high capital cost item and envisions the Agency taking on new long-term debt to cover replacements. However, any forward funding would reduce the amount of debt required for replacement and would help minimize the impact to rates.

There are a variety of mechanisms that could be used to set aside funds. We could create a Dedicated Submarine Cable Replacement Fund. We could increase the Self-Insured Risk Fund or increase our annual contribution to the Dedicated R&R Fund. Another option would be to implement a Rate Stabilization Fund, which has been contemplated in the past.

Please consider the following suggested motion:

SUGGESTED MOTION
<p>I move to authorize staff to reduce the FY2017 rebate by 30% and redirect those funds into a capital reserve fund to be used for replacement of SEAPA's Submarine Cables. Additional contributions and balances shall be reviewed annually.</p>



SOUTHEAST ALASKA POWER AGENCY FY17 REBATE DISTRIBUTION

Date: **December 1, 2017** From: **Trey Acteson**
To: **SEAPA Board of Directors** Subject: **FY2017 Rebate**

The SEAPA Board approved a FY2017 rebate in the amount of \$2.7M on June 20. The rebate was recorded as a reduction to FY2017 hydro power revenues. Payment of the rebate was conditional upon the successful completion of the FY17 audit and contingent upon satisfying bond covenant requirements including debt service ratio compliance.

I am pleased to report that the FY17 audit by BDO USA, LLC is complete and will be presented for your consideration and approval at this meeting. We are compliant with the debt service ratio requirements of the bond indenture, and therefore are in a position to approve distribution of the rebate at this meeting.

As in the past, the rebate share for each utility is based upon the last three years' average of firm kWh purchases from SEAPA. This includes the years FY2015 – FY2017 and is summarized in the table below:

kWh Purchases	Ketchikan	Petersburg	Wrangell	Total
FY2015	78,484,000	39,911,120	38,254,270	156,649,390
FY2016	83,316,376	40,762,959	36,474,130	160,553,465
FY2017	100,506,084	47,214,701	39,047,190	186,767,975
Total kWh	262,306,460	127,888,780	113,775,590	503,970,830
Percentage	52.0479%	25.3762%	22.5758%	100%
Rebate Allocation	\$1,405,294.51	\$685,158.12	\$609,547.37	\$2,700,000.00

This rebate represents approximately a 1.5-cent reduction in the Wholesale Power Rate (WPR) based on an average of the last three years' firm kWh sales. The WPR of 6.8 cents/kWh has remained the same for the last 20 years. The Board's approval is being requested to formally award the rebate amounts as defined above. A suggested motion follows:

SUGGESTED MOTION
I move to authorize the distribution of a \$2,700,000 rebate with a pro rata share to each Member Utility based on an average of the last three years' firm kWh purchases from SEAPA as specified in the FY17 Rebate Memo dated December 1, 2017.



SOUTHEAST ALASKA POWER AGENCY

Date: December 6, 2017
To: Board of Directors
From: Trey Acteson, CEO
Subject: Consideration and Approval of Staff Bonuses

I would like to recognize staff's outstanding contributions to the Agency over this past year by recommending a bonus for their efforts and seek the board's consideration and approval of the total not-to-exceed amount of \$12,000 to be distributed proportionately to staff as deemed appropriate.

Please consider the following suggested motion:

SUGGESTED MOTION
I move to authorize SEAPA's CEO to issue staff bonuses not to exceed the total amount of \$12,000 payable on or before December 31, 2017.

**MEMORANDUM
ATTORNEY-CLIENT COMMUNICATIONS**

TO: Lew Williams, Chair
Southeast Alaska Power Agency

FROM: Joel R. Paisner, Ascent Law Partners, LLP

DATE: December 6, 2017

RE: Suggested Motion for Executive Session Re: Annual Evaluation of SEAPA's Chief Executive Officer

To the extent that the Board of Directors seeks to conduct further discussions relating to an Annual Evaluation of SEAPA's Chief Executive Officer, I recommend the following motion be made:

I move to recess into Executive Session to conduct further discussions relating to an Annual Evaluation of SEAPA's Chief Executive Officer. The Executive Session will be conducted pursuant to SEAPA's Bylaws which are consistent with Alaska Statute 44.62.310 as the discussions may include subjects that tend to prejudice the reputation and character of any person.



SOUTHEAST ALASKA POWER AGENCY CEO REPORT

DATE: December 6, 2017

TO: SEAPA Board of Directors

FROM: Trey Acteson, CEO

SUBJECT: CEO Report

GOVERNMENTAL AFFAIRS:

On October 25th, FERC staff issued a final report in response to Executive Order 133783 identifying agency rules and policies that potentially materially burden the development or use of domestic energy resources. While the Executive Order did not apply to independent agencies, FERC submitted their report on a voluntary basis. Eight out of nine of the agency actions identified are related to hydropower and mirror discussions I have had with the previous FERC Chairman two years ago and the acting FERC Chairman earlier this year. Since release of the report, FERC has revised its license term policy establishing a 40-year default term. This replaces the previous 30-year default term and includes relicensing. This is a substantive change in Federal hydropower policy that will greatly benefit the Agency.

On November 8th, the House of Representatives passed H.R. 3043, the Hydropower Policy Modernization Act of 2017. The bill includes many of the same regulatory reforms proposed in pending Senate Bill S.1460, the Energy and Natural Resources Act of 2017. These impactful provisions include: designation of FERC as lead agency over all other agencies needed to license a project, requiring FERC to develop a schedule with the agencies, extending preliminary permit terms, and stretching the start of construction dates. If passed into law, these changes should help streamline relicensing and lower financial risks associated with new development.

I testified before the House of Representatives Subcommittee on Federal Lands in Washington D.C. on October 11 in support of H.R. 219, the Swan Lake Hydroelectric Project Boundary Correction Act (Bill Sponsored by Congressman Don Young). As reported earlier, the purpose of this bill is to correct a survey error and convey approximately 26 acres of National Forest Lands as they were originally intended to be transferred to the State of Alaska pursuant to the Alaska Statehood Act. The survey error was discovered in 2012 while SEAPA was performing due diligence for the Swan Lake Reservoir Expansion Project. Completing the transfer as originally intended will help ensure consistent management decisions related to the Swan Lake Project and ease administrative burdens. I've worked closely with our Alaska delegation and legal team in Washington D.C. for the past couple of years to best position the Agency for success. I remain optimistic that the legislation will eventually make it over the finish line. During my brief stay in Washington D.C., I was also able to meet with Congressman Young and key staff of Senators Murkowski and Sullivan.

As reported last quarter, SEAPA is part of a group of Alaska hydro project owners that collectively challenged a 71% increase in federal land use fees imposed by the Federal Energy Regulatory Commission (FERC). One of FERC's first actions after it established a quorum was to rule on the lands case. The ruling was a significant win for Alaska hydroelectric project owners. The Notice of Proposed Rulemaking (NOPR) broadens the area that land values are based, which should help stabilize any future increases and lower the existing increase by 25%. Our group recently filed follow-up comments to the NOPR under the subsequent comment period, requesting clarification that the adjustment be retroactive to last year and to establish a placeholder for future challenges if necessary. There has been no further action on this issue.

The Roadless Rule litigation is dragging on. SEAPA has again signed on as an amicus to the State of Alaska's challenge. This is an inexpensive way to voice our concerns about the negative impacts to generation and transmission development and long-term O&M costs resulting from the Roadless Rule. In parallel, we are advocating for a legislative fix at the Federal level and I have supported Senator Murkowski's office with information to bolster their efforts.

RCA DOCKET:

SEAPA continues to support Petersburg and Wrangell in responding to a letter order from the Regulatory Commission of Alaska (RCA) pertaining to an application to close-out TBPA's certificate of public convenience to operate Tyee. We received a response from the RCA to our initial filing and are formulating a follow-up. We view this as a housekeeping item since we maintain an RCA exemption due to existing debt. However, it appears we still have some work ahead to get this formally resolved. Mr. Paisner will be available to elaborate more fully during the Board meeting.

BEST PRACTICES AND PROCESS IMPROVEMENTS:

As directed by the Board, staff has drafted a Public Records Request Form to promote greater access and transparency. The form has been vetted through SEAPA legal counsel and will be posted on the SEAPA website. A copy of the form is attached.

PERSONNEL:

The Agency has been actively recruiting for a new Project Maintenance and Operations Foreman for Tyee to replace Mr. Beers who has given formal notice of retirement, effective April 15, 2018. We have initiated interviews and site visits for prospective candidates. This is a key position for the Tyee facility and we look forward to getting a highly qualified replacement onboard as soon as possible to ensure a smooth transition.

Recruitment for a new SEAPA Operations Manager will begin in earnest in January. Mr. Henson's retirement date has been pushed out to the end of FY2018. This should provide an opportunity for his replacement to work in parallel through the spring transmission line maintenance activities and annual budget process.

WHITMAN TRUE-UP:

KPU formally submitted a Notice of Renegotiation of the Whitman True-up Agreement to the Agency, including a list of proposed amendments. SEAPA provided written responses to each of KPU's specific proposed amendments and redrafted key elements of the agreement and appendices to help kickstart negotiations. The parties met on November 30th and successfully

reached tentative agreement on most of the issues. A follow-up meeting will be scheduled in January to address the remaining issues and we hope to be able to present a draft revised True-Up Agreement for Board consideration and approval at our first regularly scheduled Board meeting in February. It does not appear that SEAPA reservoirs will spill during the 2017 calendar year, so this should allow any approved changes to be implemented and applied to next year's water cycle.

PUBLIC RELATIONS:

A third quarter Community Flyer was distributed to the Board and the member communities, and posted on SEAPA's website.

Attachment:

Public Records Request Form

On September 28, 2017, the Southeast Alaska Power Agency voluntarily adopted a policy effective as of January 1, 2018, to provide the public and its ratepayers access to certain documents, materials, and information. As a Joint Action Agency, SEAPA is exempt from the Public Disclosure act, Alaska Statutes, Section 40.25.220(2). By voluntarily adopting this policy, SEAPA seeks to accommodate the public and its ratepayers' requests for access to records, recognize the goal of transparency, balance such access with the limited staff the Agency has available, and preserve the ability to conduct business as efficiently as possible.

Requestor Information:

Name	Date		
Firm/Organization (if applicable)			
Address	Phone	Mobile	Fax
City/State/Zip	Email		

Records Requested:

Title /Date of Record(s):	
Description of Record: <i>(If title is unknown, please provide specific information such as subject matter, dates, location, or the persons/issues involved.)</i>	
Records may be: (i) picked up from the SEAPA Office, (ii) mailed via US First Class Mail (see Section 7, Costs/Fees attached), or (iii) emailed to the Requestor (provide email address). Please specify how you would like to receive the records:	

See attached General Information for fees for copying and research time, and other information including records exempt from disclosure.

Select a suitable description of yourself and the purpose of the request:

<input type="radio"/>	An individual seeking information for personal use and not for commercial use. If the subject matter of the request is yourself, the Agency may contact you to verify your identity.
<input type="radio"/>	Affiliated with an educational or noncommercial scientific institution, and this request is made for scholarly or scientific purposes and not for commercial use.
<input type="radio"/>	Affiliated with a private corporation or law firm and seeking this information for use in the company's business.
<input type="radio"/>	A representative of the news media and this request is not for commercial use.
<input type="radio"/>	Other (please explain):

ACKNOWLEDGMENT AND CERTIFICATE OF NON-LITIGATION

The undersigned, _____ (spell out name legibly), hereby acknowledges that prior to making this records request that:

- I have searched the Agency's website for documents or information already provided prior to submitting this request. *(Documents publicly disclosed on SEAPA's website will not be duplicated in response to a request.);*
- I have read and understand the General Information provided below which includes fees for copying/staff time, and the list of records exempt from disclosure; and,
- I certify that I am not, nor is any party I may represent, involved in litigation, in a judicial or administrative forum, with the Southeast Alaska Power Agency or a public agency to which the requested record(s) is/are relevant.

Requestor's Signature _____

Date _____

GENERAL INFORMATION

Records to be produced by Agency are those non-exempt records created, received, stored, maintained, etc. as of January 1, 2018, subject to the following:

(1) **Exempt Records.** Documents created, received, stored, maintained, etc. prior to January 1, 2018 are exempt. Exempt records include, but are not limited to:

- Records within the "deliberative process privilege". Deliberative process privilege is defined as a form of executive privilege that protects from disclosure to third parties information showing the process by which the Agency reached a particular decision or crafted a specific policy.
- Confidential attorney-client records.
- Records within the Alaska constitutional right to privacy.
- Agency personnel records, including, but not limited to, examination materials, health, mental health, medical, and personality problem information obtained or prepared by the Agency with respect to any person for whom treatment or services were provided, medical records which reveal financial or medical status of any specific individual and, in addition, those records the disclosure of which would constitute an unwarranted invasion of privacy, including but not limited to those records protected by federal and state laws.
- Information which the Agency and/or its member utilities may be engaged in which is considered to be privileged or confidential for purposes of successful collective bargaining.
- Communications from the Agency's attorney which contains legal questions concerning potential, pending, or actual litigation and any labor negotiation. Any documents marked "confidential" or "privileged" shall only be produced if the Agency's attorney so authorizes. With respect to a person involved in litigation, the records sought shall be disclosed in accordance with legal advice rendered by the Agency's attorney.
- Information obtained by and in the custody of insurance carriers insuring the Agency and its agents, and attorney, regarding possible and pending claims against the Agency.
- Records concerning conflict of interest and ethics investigations.
- Records regarding the strategic initiatives of the Agency are exempt from this policy. A Strategic Initiative of the Agency involves creating new markets for power sales, new projects adding capacity and/or energy, projects that advance important new services and benefits to the member communities served by the Agency, adopting new technologies or implementing efficiencies that support the Agency and its member communities, as well as discretionary projects and programs outside of the Agency's day-to-day operational activities, designed to help the Agency achieve its targeted performance or goal.
- Records required to be kept confidential by federal law or regulation or by state law.
- Records required to be kept confidential by consultants, contractors and others responding to Agency requests for bids, proposals and information.
- Critical Energy Infrastructure Information (CEII).
- Records of engineering, marketing, accounting or other technical or financial data, which, if released, would provide a competitive advantage to any other persons or business engaged in similar or related activities.
- Proprietary information which a manufacturer, consultant, or provider, reasonably expects to be kept privileged or confidential to protect the property interests of persons providing the information or data.

(2) **Records Definition.** Records must exist at the time the request is submitted to be considered. Records shall mean: Papers, files, writings, memos, and other items, regardless of format or physical characteristics, that are received or generated by the Agency, or by a private contractor working for the Agency on Agency related business, and that are preserved for their informational value; records of the Agency do not include proprietary information kept by the Agency, or other such proprietary information disclosed to the Agency or exempt under this policy.

(3) **Records Custodian.** The Agency's Records Custodian ("RC") will be the primary contact for compliance with this policy. The RC is not required to create any records, manipulate any data, or provide any other interpretation, or analysis in the response to the records request.

(4) **Response Time.** An initial response shall be provided by the RC within twenty (20) business days of receipt of the written request, not including the date of receipt. The RC may, but is not required to, inform the requestor of the total time estimated to respond to the records request. The Agency may exceed the twenty (20) day time limit if necessary to request more information from the requestor and extend the time limit by up to ten (10) additional working days if the RC must search an extraordinary amount of records or the search involves records from multiple locations. In the event of numerous simultaneous requests, the RC may extend the response time as reasonably necessary to accommodate such requests.

(5) **First-come, First-serve.** Requests shall be treated on a first-come, first-serve basis.

(6) **Expedited Review.** Requests may receive 'expedited review and processing' if the request meets certain requirements, i.e., health and safety are at issue. If the requestor believes there is a compelling reason why the information is needed sooner than the normal period, these reasons should be clearly explained in the initial Records Request. The Agency may decide whether to grant expedited processing within ten (10) business days of the request. Aside from these specific circumstances, the Agency may use its discretion whether it will grant expedited review.

(7) **Costs/Fees.** If the time to assemble the records exceeds one (1) hour in any calendar month, the requestor shall be required to pay in advance the estimated hourly cost of the Agency staff which includes actual salary and benefit costs for personnel time required to complete the search and copy tasks required to complete the records request. The hourly rate is established at **\$50/hr.** The Agency reserves the right to have third-party providers fulfill the Records request. If the amount paid in advance exceeds the total cost, the Agency shall refund the difference, and if the amount due exceeds the estimate paid, the Agency shall collect the difference at the time the records are to be released. If hard copies are requested, the charge is **\$.25/page for black and white copies** and **\$.50/page for color copies**; if electronic copies are requested on a 1 gigabyte USB flash drive the cost will be **\$8.00** per flash drive; and if mailed copies are requested, Requestor shall pay mailing costs. The Agency will not accept requestor provided media. **Payments must be made by money order or cashier's checks. The Agency will not accept cash, personal checks, or credit cards.**

(8) **Denial of Request/Right to Appeal.** The RC may consult with legal counsel if there are questions regarding disclosure of records and/or application of exemptions. If it is determined that certain records will be withheld, notice of the decision shall be made in writing to the requestor. If the requestor disagrees with the determination, they may contact the RC for the process available for a review of the determination.

REQUESTORS MAY RETURN THE FORM BY EMAIL TO: info@seapahydro.org AND IN THE SUBJECT LINE STATE: "ATTN. RECORDS CUSTODIAN" OR MAIL THE FORM TO:

**RECORDS CUSTODIAN
SOUTHEAST ALASKA POWER AGENCY
1900 FIRST AVENUE, SUITE 318
KETCHIKAN, ALASKA 99901**



SOUTHEAST ALASKA POWER AGENCY

Date: December 4, 2017
To: Trey Acteson, Chief Executive Officer
From: Steve Henson, Operations Manager
Re: Report for December 13/14, 2017 Board Meeting

MAJOR CONTRACTS and PROJECTS

Dredging/Road Tyee Lake Harbor

SEAPA applied to the U.S. Army Corps of Engineers (USACE) for assistance with design and implementation of a plan to alleviate the silting in the Tyee Lake harbor area.

The following email was received from Jeffery Herzog, Project Manager for USACE, following the inspection:

Our Hydrology and Hydraulics Engineer examined the site, the history of the Bradfield Canal, and potential structural solutions to your problem.

The bottom line is that there is an unlimited sediment source from the Bradfield River, which you all are well aware from your 2001 effort to dredge the mouth out. Two years later it filled back in.

We would be precluded from going in and doing the same thing that was attempted in 2001 by our policy, Appendix F Section II, ER 1105-2-100, Corps Planning Guidance Notebook:

d. Non-Federal Operation and Maintenance.
Continuing Authorities Program will not be used to adopt a non-Federal project for future maintenance at Federal expense, to restore completed Corps projects to their authorized dimensions, or to accomplish required non-Federal maintenance at a Federally constructed project.

To go in and dredge out the mouth of the river and the entrance channel, the cost and the operations and maintenance that are associated with this option would carry this project outside of the scope of CAP 107; and that doesn't alleviate the unlimited sediment source that is causing the problem.

A sediment trap or other temporary "structure" aimed at reducing the operations and maintenance cost would not have a satisfactory impact on the project due to the rate in which the sedimentation occurs. A more permanent feature would just cause the same problem in a different location and would not improve the overall situation for SEAPA at Tyee Lake.

I believe you all are on the right path in seeking a road through the tidelands out to deeper water. Unfortunately, there are no authorities that allows the Corps of Engineers to pursue a study and project on that effort. If you would like technical assistance on gathering data for that project, we may potentially be able to assist under Section 22 of the 1974 Water Resource Development Act that authorizes the Corps to provide "Planning Assistance to the States".

You will receive an official letter from us stating that we have determined there to be no federal interest in the Tyee Lake Navigation Improvements Study. We are certainly available if you would like to discuss further.



Silting in Tyee Lake Harbor Area

ATV Use on the Tyee Transmission System

The U.S. Forest Service (USFS) published the final Environmental Assessment (EA) for use of the ARGO on select areas of the Tyee transmission line right-of-way. Following publication, there was a comment period on the EA, which ended on July 19, 2017. Only two public comments were received. One comment supported the project. The other expressed a concern that the project should not be allowed in Wilderness Areas, which is deemed to be an irrelevant comment because there are no Wilderness Areas in the project. Once the decision notice is received, Staff will be required to write procedures to comply with the requirements of stream crossings, invasive plant mitigation, etc.

The Decision Notice has been through review by the Joint Review Team (JRT) in the Supervisor's office. The Ranger recently accepted the JRT edits and made some final wording changes based on questions from the JRT about the public use and spread of invasive plants in the powerline ROW. The District Ranger is in the process of sending the Decision Notice to the Forest Supervisor for his signature. After it is signed, the signed document will be sent back to Meridian for distribution beginning the final public review/comment/objection period.

Swan-Tyee Intertie Final As-Built Survey and DNR ROW Permitting Process

Field survey work on this project is complete. The goal is to submit a review set of plats to the Alaska Department of Natural Resources (DNR) by year end. We can expect that it will take DNR from 3 to 12 months to respond. Realistically, we may get this done by the end of 2018.

Tyee Satellite Platform Survey and Plat

A task order has been issued to DOWL Engineering, Ketchikan, to survey and plat the location of the Tyee Satellite Platform situated on DNR lands. This will complete the requirements of the requested easement.

Swan-Tyee Intertie Transmission Line Brushing, Neets Bay Area

The contract was awarded to Bam LLC and began on September 15. The brushing work is now complete.

Tyee Lake Report

- Runway and road maintenance in preparation for winter.
- Assisted with furnace installation in crew housing.
- Marine terminal maintenance.
- Routine plant, substation and switchyard maintenance.
- The Tyee brushing crew has finished the right-of-way clearing for the section between the Wrangell switchyard and the substation, cleared the marine terminal areas, and assisted with marine terminal maintenance.

Swan Lake Report

- Routine maintenance
- Support of several small SEAPA initiated projects

- Assisted with switchgear repairs

KPU's full report is attached for your review.

Staff will be available at the meeting to discuss any questions or concerns.



KETCHIKAN PUBLIC UTILITIES

Swan Lake Project Report

Andy Donato, Electric Division Manager | December 2017

SAFETY | ENVIRONMENTAL | SECURITY

- Visitors include Terry Roberts (KTN Fire Dept Trainer), Bob Sivertsen, Del Stacy and one commercial crabber.
- Hot work tag on L2 power line for brushing in Neets Bay
- Hot work tag on L1 power line for tree-cutting in Ward Cove
- First Aid, CPR, and AED training Oct 4th
- Three site surveillance cameras installed, work in progress

OUTAGES | UNIT CONSTRAINTS | RESERVOIR LEVEL

- November 2, 2017, Swan station outage due to U1 switchgear buss repair
- Reservoir level: 314.8 on Nov. 30, 2017

MAINTENANCE (routine)

- Brush Rigging service on both units
- Switchgear repair
- Ditch and culvert cleaning and brushing
- Unit #2 flow meter repaired
- Weather station equipment and communications repairs
- Replaced hydraulic lines on the backhoe

Project Support

- Satellite system heat trace addition
- DC System Upgrade
- Lake bubbler equipment support
- Float plane dock rehabilitation and dock hoop fabrication
- Surveillance camera mount fabrication & install
- Scrap steel/barge prep
- Intake building rain gauge install
- Second channel RFL power line carrier install support

Attachments/Images



Above/Below: Dock hoop fabrication





Above/Below: Dock hoop install

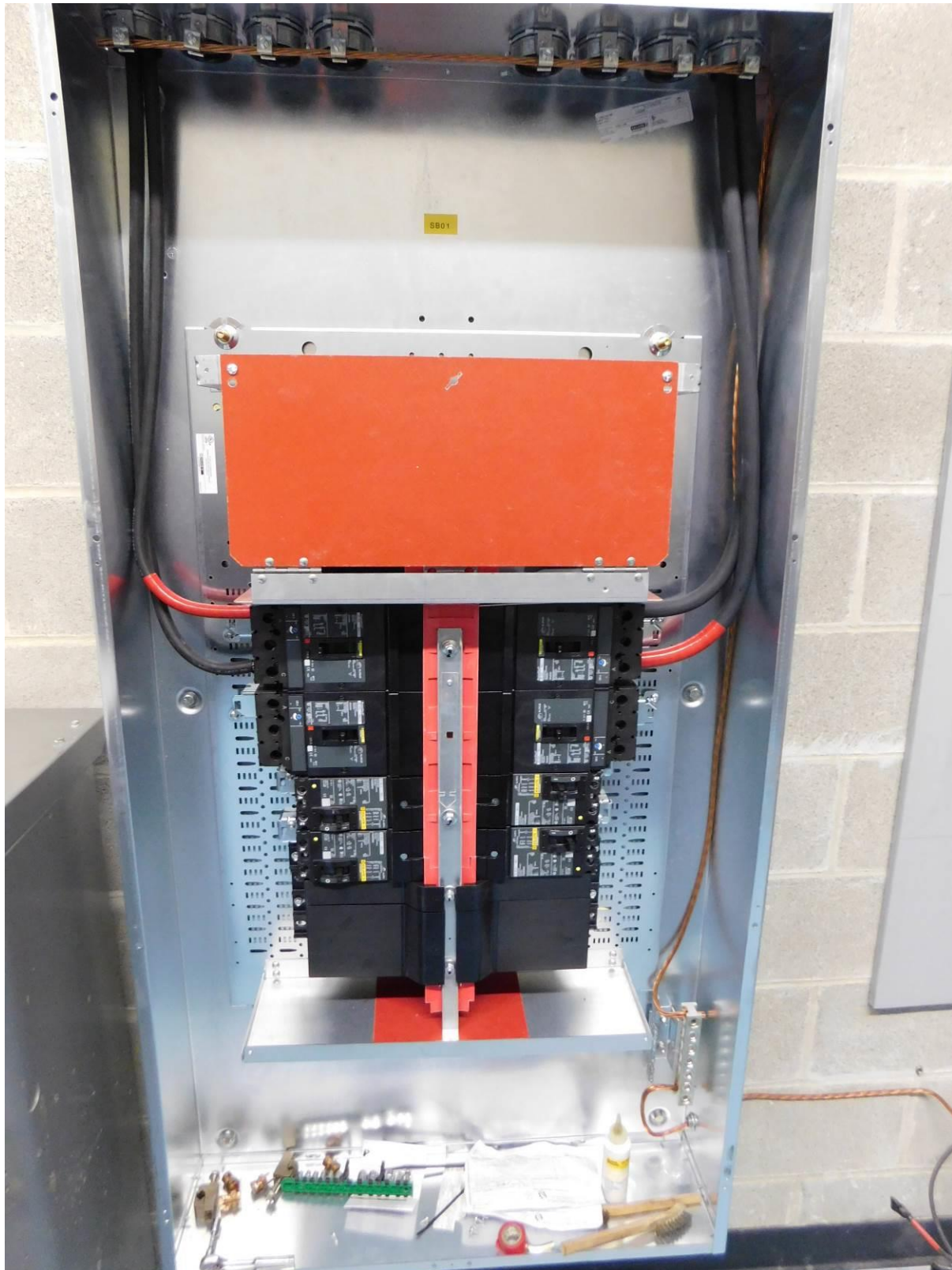




Above: Drainage ditching Below: DC Distribution Upgrade, wire way installation



Below: DC Distribution project, a breaker distribution panel awaits final cut-in



Camera mounts: Dock, Dam, Power House



Our new snow blower!



Happy Holidays from the KPU Crew at Swan Lake!



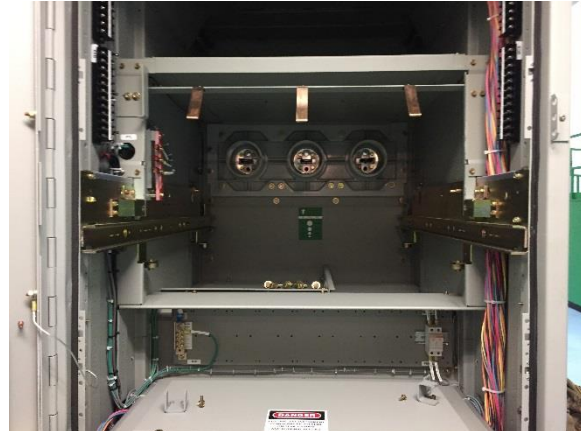
Date: December 6, 2017
To: Trey Acteson, CEO
From: Ed Schofield, Power System Specialist
Subject: December 13-14, 2017 SEAPA Board Report

Swan Lake Switchgear Warranty Repairs

On September 3, 2017, a failure occurred on the Swan Lake Unit 1 Switchgear buss connection. It was determined that the buss failure resulted from a deficiently torqued bolted buss connection during the installation of new switchgear in May 2017. Following contact with the switchgear installation contractor, a warranty claim was filed. Temporary repairs were made by SEAPA and KPU staff to facilitate returning the unit to service while replacement parts were ordered. Warranty repairs were made commencing November 2nd and completed November 3rd.



Damaged Switchgear Bus



Switchgear Disassembled for Warranty Repairs

Swan Lake Small Boat Dock Repairs

Swan Lake small boat dock repairs are complete. This was a FY2018 R&R project. Divers were contracted to clean the dock bottom of marine life, add flotation, and inspect steel pile zinc conditions. Cleaning and the addition of flotation raised the dock approximately 10 inches, bringing the dock's wood sub frame back above the water surface. Custom made pile hoops (pile to dock retainers) were obtained and installed by the Swan Lake maintenance crew. This project is expected to extend the useful life of the dock by approximately 10 years if proper preventative maintenance is maintained.

Swan Lake Annual Fall Operational Supply Barge

To adequately meet operational supply needs, it is necessary to have a barge delivery to Swan Lake every six months. This has historically occurred in the spring and fall of each year if no other special project barges have occurred alleviating the need. The fall barge arrived on November 8, 2017 delivering fuels used to support stand-by generation and onsite transportation, and special project materials. The barge was back loaded with the decommissioned switchgear for disposal in Ketchikan.

Swan Lake Staff Housing Replacement

Before providing an update on the Swan Lake Housing Project, a brief history of the project is provided below for a more in-depth understanding of the issues:

Historically (1984 to 2010) the Swan Lake facility was operated with a total crew of three, working ten days on and four days off. The facility was designed and constructed to be operated utilizing a three-man crew. Housing accommodations for the three-man crew were designed into the original project and constructed in 1983. In 2006, KPU opted to change the work schedule to eight days on six days off to enhance employee retention. The new schedule left a sole operator on site for an evening out of each working shift. In 2010, KPU determined that the practice of a sole operator on site was not prudent and proposed adding a fourth operator to correct the issue. The SEAPA board approved KPU's request; however, no permanent housing accommodation plans were proposed for the fourth employee at the time. KPU chose to house the fourth operator within the facility's special projects bunkhouse until permanent accommodations could be arranged.

The facility's bunkhouse is fully equipped with six rooms and was designed for contractor housing during improvement projects. Eventually, KPU permanently occupied two bedrooms and a bathroom of the bunkhouse, which was not a desirable situation for KPU or SEAPA as it placed undue constraints on special projects, and did not provide a suitable housing situation for the employee.

During the 2016 Swan Lake Reservoir Expansion Project, there were frequently more than 12 contractors at the facility. Although the project was successfully and timely completed, Contractor housing was continually at a critical point.

SEAPA requested that KPU relinquish occupancy of the two bunkhouse rooms and suggested they consider double employee occupancy of one of the existing dedicated staff housing units to resolve the housing constraints. This was a favorable resolution for both parties as the staff housing units were completely unoccupied 50% of the time due to shift rotations. KPU agreed to the double occupancy on the condition that SEAPA pursue other permanent housing accommodations in the near future. SEAPA developed the duplex housing replacement concept in late 2016 and brought it forward for discussion and approval at the February 2017 SEAPA Board meeting.

Following SEAPA Board approval, KPU expressed concerns over the lack of total square footage of SEAPA's proposed Duplex Housing Plan and requested that the square footage be doubled, with the addition of a second story. KPU's actions prompted a delay in the project's schedule as additional budget funding would be required.

At KPU's request, SEAPA facilitated a meeting at Swan Lake on November 8, 2017 to provide an opportunity for KPU and SEAPA management to resolve KPU's housing concerns. During the meeting, KPU's requests were discussed along with the best approach to meet their needs within the approved budget, which was the objective of both parties. Following a thorough understanding of project constraints, it was agreed by both parties that the best option was to use the originally proposed housing plan and add 50 square feet per unit to the enclosed rear porch area.

Presently the project is in the DEC wastewater permitting stage and is forecasted for completion during the mid-to-late summer of 2018.



Swan Lake Special Project Bunkhouse



Swan Lake Unit 2 of 3 Staff Housing

Tyee Intake Gate Operational Inspection

The Tyee Gatehouse is located at elevation 1630' along the north shore of Tyee Lake. On October 25, 2017, a SEAPA technical maintenance team traveled to the Tyee gatehouse via helicopter to perform an operational inspection of the Intake Gate Hoisting Systems as part of a preventive maintenance schedule. The Intake Gate Hoisting Hydraulic System that required inspection is located below ground surface at elevation 1437.0'. Access to the equipment is via a 193' man ladder located inside a 10' diameter rock shaft.

The descent to elevation 1437' took approximately 35 minutes after all pre-descent safety items were accomplished and safety gear donned. Several electrical deficiencies were noted. The equipment is subject to extreme high moisture and is difficult to maintain in operational condition. Maintenance is additionally complicated by the extremely difficult process required for access. A thorough evaluation was however completed, and plans developed to effect repairs as soon as weather permits in the spring of 2018. The intake gate is normally locked in the open position and all deficiencies noted only affect our ability to remove the gate for inspection. In the event of an emergency requiring a gate closure, the hoisting system is designed to close via hand operated hydraulic pumps and manually operated hydraulic bypass valves.



Tyee Gatehouse located at 1630.0



Tyee Gatehouse / Access to Gate Shaft



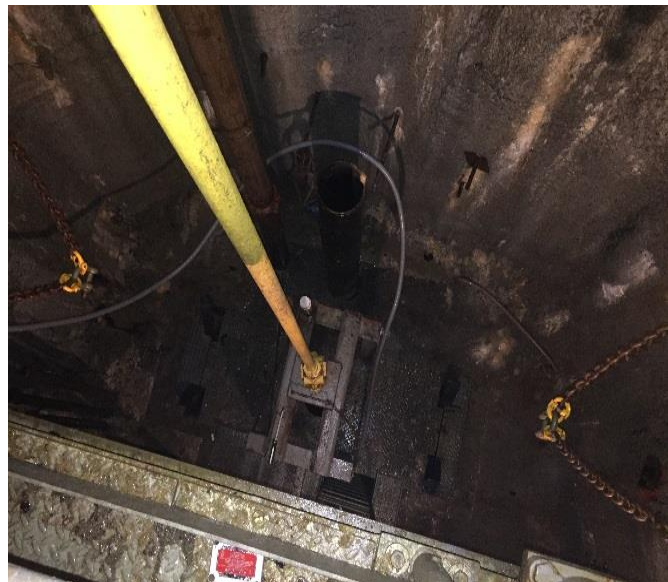
Gatehouse from Helicopter Pad



Inside Gatehouse / Access Shaft Opening



Descending the Access Ladder



Intake Gate Stem Lock Elevation 1417'

Tyee Lake Weir Spill Inspection

The Tyee Lake Weir was inspected on October 10th to determine the amount of leakage (Lake Elevation 1391.5' / Spill 1396.0). The inspection determined that about 2-5 cfs was passing through the weir abutments despite recent 2016 efforts to foam-fill all voids in the natural rock. The foaming efforts have greatly decreased leakage. However, a new void has opened between two formally repaired voids and additional repairs will need to be made. Staff intends to make additional foam repairs during the spring of 2018.



Tyee Lake Weir Elevation 1391.5'



Point of Weir Leakage



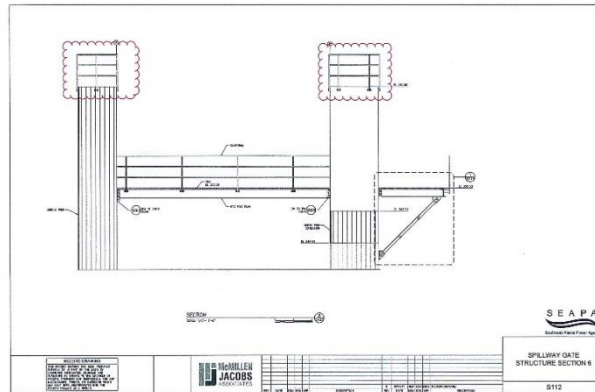
North Side of Natural Rock Weir



Typical Voids found within the Rock Weir

Swan Lake Miscellaneous Metals Project

The Miscellaneous Metals Project has been delayed due to high reservoir elevations in the late summer and fall of 2017. This project covers the installation of the reservoir access ladders and additional safety handrails and guards to complete the 2016 Swan Lake Reservoir Expansion Project. The field work is scheduled to start in the spring of 2018 when working conditions are more favorable.



Installation Point of Reservoir Access Ladder & Safety Handrails

Swan Lake Emergency Action Plan (EAP)

The Swan Lake EAP has been completely revised to reflect the new reservoir spill elevation and new Federal Energy Regulatory Commission (FERC) formatting requirements. The new EAP is to be approved by FERC by the end of the year and revised copies distributed to all plan holder in early 2018.

Swan Lake Marine Bulkhead Renovation Project

The design plans for the Bulkhead Renovation are 95% complete and Army Corps of Engineer permitting efforts have started. This project will reconstruct the marine bulkhead to original condition. The bulkhead was constructed as part of Contract #1 of Swan Lake in 1980 and used heavily during logging of the reservoir and hydro plant construction. The bulkhead is required to accommodate large oceangoing barges to the site. The bulkhead was used during the Swan Lake Reservoir Expansion Project and will be required in the future for large facility improvement projects.



Marine Bulkhead in use
(2016 Reservoir Expansion Project)



Marine Bulkhead 2017



Failed Conditions of Supporting Waler



Failed Conditions of Fender Piles

SEAPA Ketchikan Office Remodel

Designs are complete and have been submitted to the City of Ketchikan for issuance of building permits. This project is scheduled to be complete by the spring of 2018.

Swan Lake Spare Flashboards

Staff will provide an update at the meeting.

Date: December 6, 2017
To: Trey Acteson, CEO
From: Robert Siedman, P.E., Director of Engineering & Technical Services
Subject: Report for December 13-14 Board Meeting

Swan Lake Vertical Gate HMI & Lake Level Algorithm

The Swan Lake Reservoir Expansion Project (fixed wheel gate and flashboard array) was successfully completed in late 2016 and has already provided a return on investment. In September of 2017, Swan Lake reservoir reached an elevation of 335.8 feet, which was 5.8 feet above the originally constructed spill elevation. The increased storage and impounded water for 2017 netted an additional capacity of 3,723MWh; which would have been lost as spill. This is valued at \$253,164 (6.8¢/kWh) of increased SEAPA sales. Perhaps more importantly, the additional energy will potentially displace Ketchikan diesel generation on the order of \$1,116,900 (calculated at 30¢/kWh). The 2018 Operations Plan demonstrates in more depth the importance of this impounded water with regard to the predicted upcoming La Nina (low inflow) season.

A reasonable concern with the flashboards is the possibility of a Probable Maximum Flood (PMF) or a large rain event that “trips” them. If the Swan Lake reservoir elevation reaches 347 feet, the flashboards will “trip” and release any impounded water above elevation 330 feet. Realizing the risk associated with a PMF event, SEAPA developed an algorithm to predict lake levels based on forecasted rain events. Figure 1 (below) demonstrates a recorded rain event in 2003 that could have possibly triggered a flashboard trip.

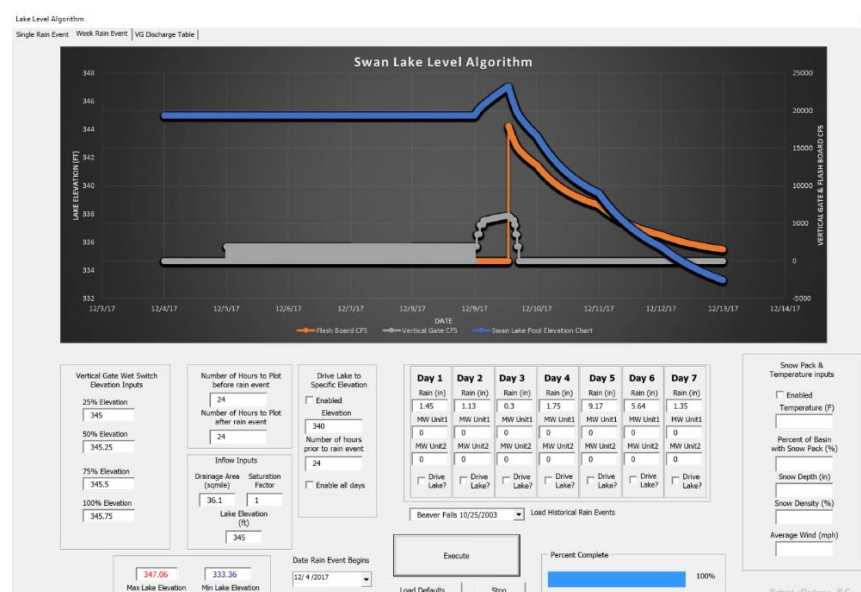


Figure 1: Lake Level Algorithm-2003 rain event

Without intervention from SEAPA, a rain event substantial to the recorded October 2003 event could cause the flashboards to trip. The intent of the lake level algorithm is to determine what type of intervention SEAPA could make to prevent this from occurring. The most reliable and reasonable intervention would be to “drive” the lake to an elevation such that Swan Lake impounds the forecasted rain event (inflows) into the reservoir without tripping the flashboards. For this scenario (and any future possible scenarios), various lake elevations were (or could be) inputted into the algorithm. The result as illustrated in Figure 2 demonstrates that by driving the lake to elevation 340 feet prior to and during this example rain event, a flashboard trip could be prevented.

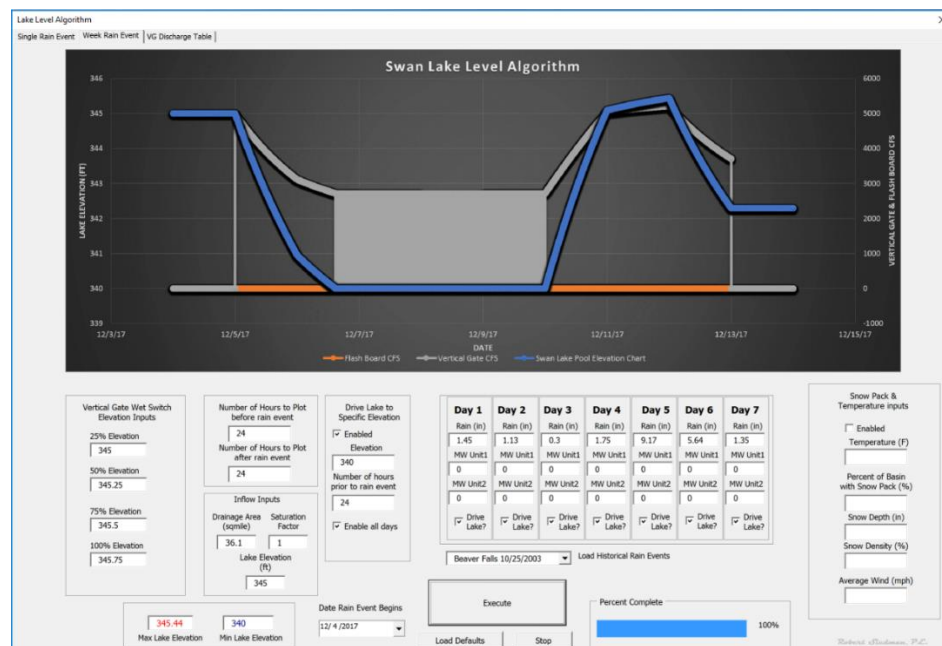


Figure 2: Lake Level Algorithm – 2003 Event w/ SEAPA Intervention

Utilizing the tool as described and illustrated in Figure 2 (above), SEAPA now has the ability to forecast lake levels and run scenarios to mitigate risk associated with large rain events (when the Swan Lake reservoir is high). To integrate the mitigation technique of driving the lake to a specific lake level, SEAPA had a Vertical Gate HMI (and PLC program) developed. The HMI allows SEAPA to remotely drive Swan Lake to any specified elevation above 330 feet. Figure 3 (below) illustrates the functionality of the Vertical Gate HMI which is located both in the SEAPA office and in the Swan Lake Control Room.

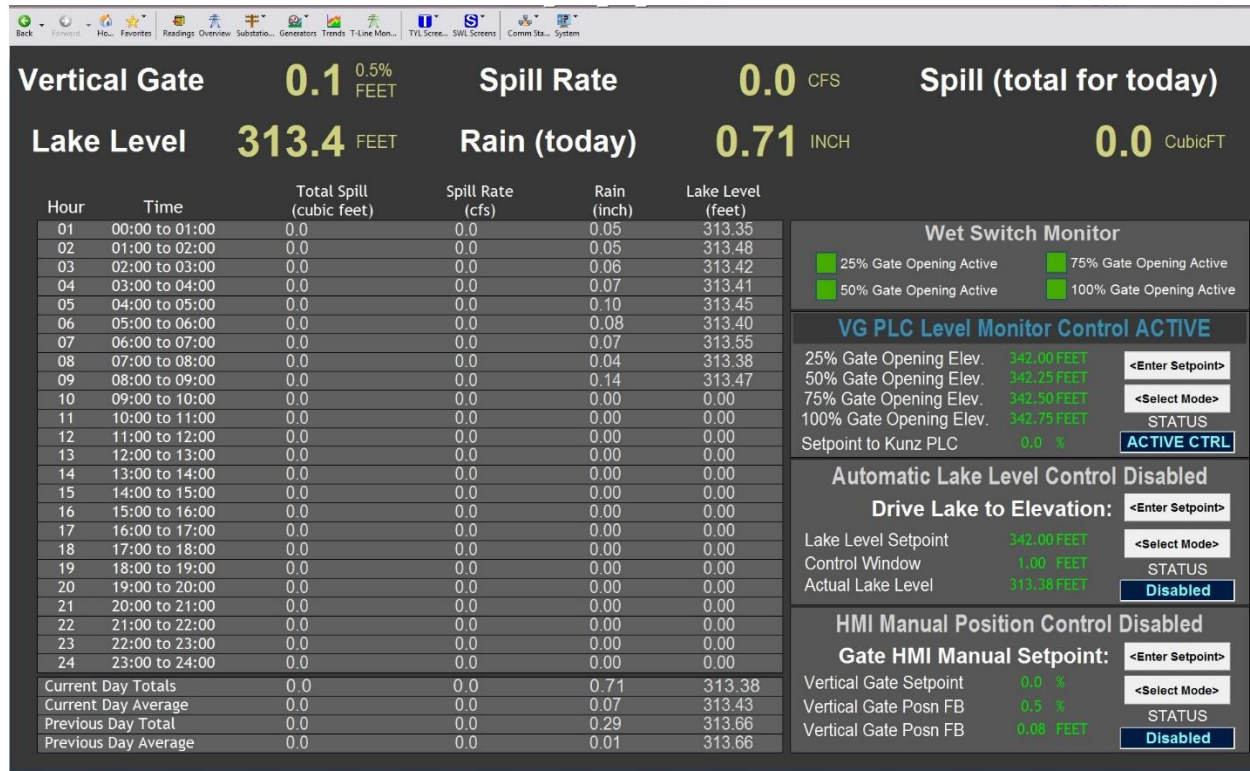


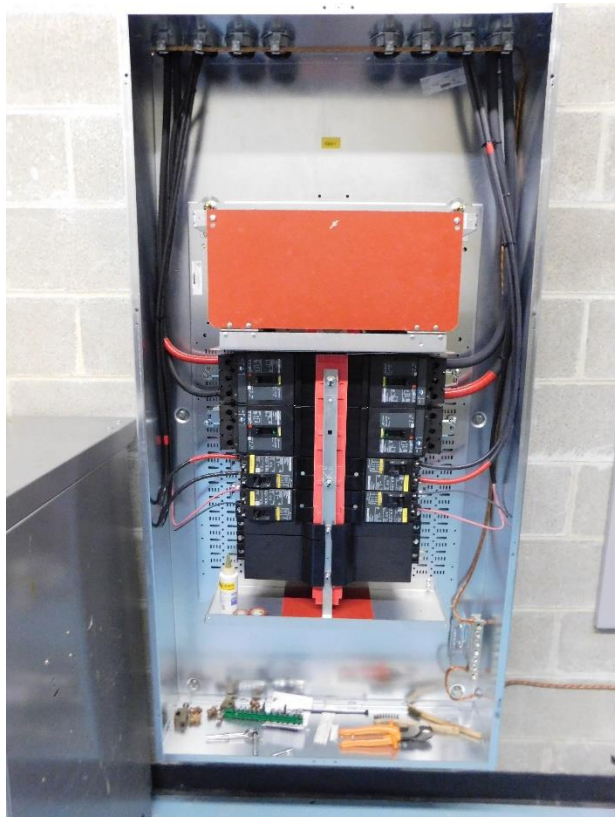
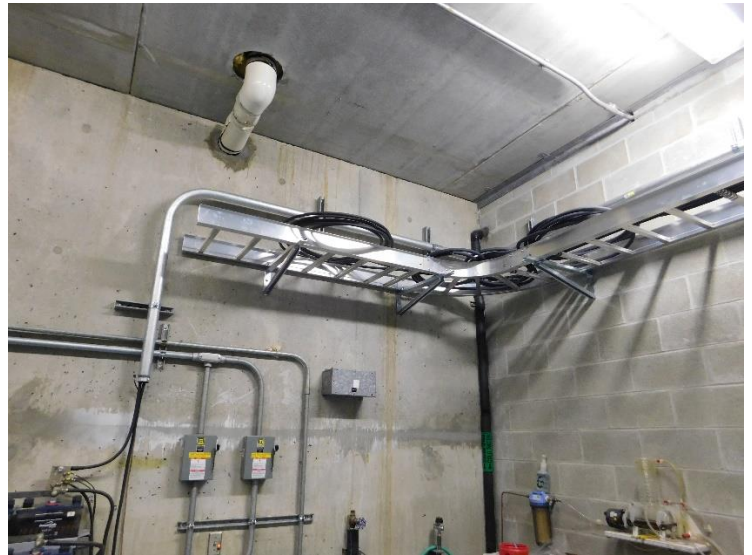
Figure 3: Swan Lake Vertical Gate HMI

The Vertical Gate HMI has three available input control modules for operating the Vertical Gate remotely. The VG PLC Level Monitor Control mode is a module that mimics the wet switches and is set to maintain the lake at a level of 0.25 feet below the wet switch elevations. The Automatic Lake Level Control mode is a module that SEAPA will use if a predicted rain event demonstrates risk associated with tripping the flashboards. After running scenarios and determining a lake level that is sufficient to mitigate risk, SEAPA will enter the lake level into this module and activate it. The lake will thereby be “driven” to the lake level selected by opening the Vertical Gate. When the lake is at the specified level, the Vertical Gate will open/close to maintain the lake level until further intervention. The last input control is the HMI Manual Position Control mode. This module allows SEAPA to manually select a set point to open the Vertical Gate to a specific number of feet.

In addition to the Vertical Gate control modes, the Vertical Gate HMI calculates spill, measures rain, and archives information into a historian. This data can thereby be used to calculate spilled energy, inflows, rain events, lake levels and vertical gate positions.

Swan Lake DC Distribution Upgrades


The Swan Lake DC Distribution Upgrades are 90% complete. All panels, switches, conduit and cable trays are installed. The final step is to land the cables on a splice panel. The final 10% of installation will require a powerhouse outage. The battery bank & chargers will need to be disconnected to make the swap over.



A complete powerhouse outage during the upcoming cold winter months is likely not going to occur. Loads for all three Utilities are greater than what Tyee can produce. This project will likely remain on hold until the warmer Spring months arrive and heating loads are reduced. Once SEAPA generation requirements are down to a supportable level for Tyee Lake generators to maintain, Swan Lake will be brought offline for approximately 8 hours to complete the swap over and commission the project.

Megger SMRT Automated Relay Testing

SMRT46D
Megger Multi-Phase Relay Test System



- Integrated Smart Touch View Interface™ provides stand-alone operation using intuitive high resolution graphic touchscreen, no PC required to operate
- 4 Voltage channels, 3 Current channels, with convertible voltage channels provides 1 voltage and 6 currents
- High current output - 60 Amps at 300 VA per phase
- Convertible voltage channels - 15 Amps at 120 VA
- Dynamic, Transient and GPS Satellite Synchronized End-to-End Testing Capability
- IEC 61850 Testing Capability

The R&R project (RR291-18) to procure a relay testing system is 90% complete. A SMRT46D was procured which is capable of running automated relay test suites for testing SEAPA distribution, transformer, generator and line relays. The test system is also capable of re-simulating actual events from Comtrade files retrieved out of event reports from actively installed relays.

In addition to procuring a Megger SMRT46D relay test system, SEAPA is 90% complete with developing a test bed utilizing SEAPA's spare protective relays. The test bed (relay rack) will be used to develop the automated test suites.

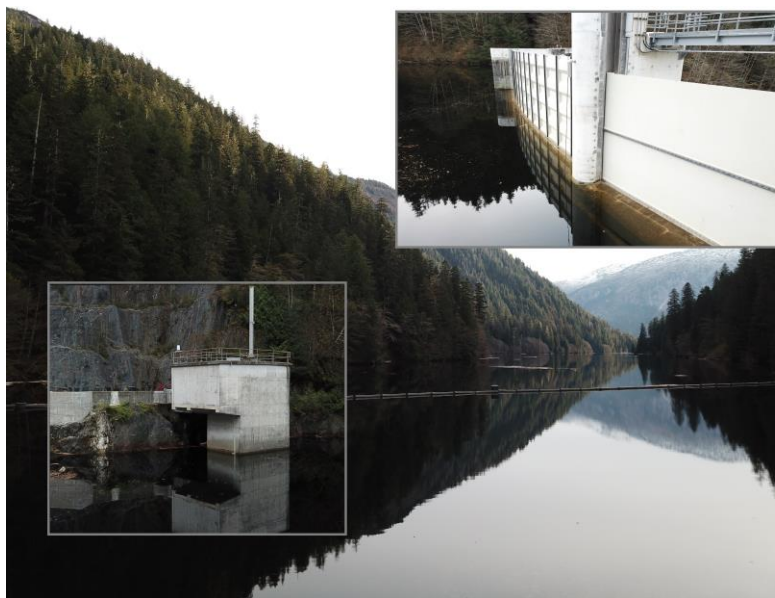
Once complete, the relay test rack combined with the SMRT test system will allow SEAPA to test all protective relays in the field to verify calibration and functionality. In addition, SEAPA spare relays are being programmed in the test rack to have the ability for on-a-moment's-notice deployment into the field, minimizing risk of outages due to relay failures.



Swan Lake Security Cameras

As part of the Swan Lake Reservoir Expansion Project (fixed wheel gate and flashboard array), FERC required SEAPA to hire a Board of Consultants (BOC) prior to FERC issuing the license amendment. One of the BOC's major concerns identified in the pre-construction plan review meeting was security risks and possible vandalism to the flashboard array which led to the recommendation for installation of security cameras.

SEAPA has procured and is currently installing security cameras at the dock, on the powerhouse, and at the dam.



The cameras that are being installed are pan-tilt-zoom and will record events at the three locations discussed. In addition to meeting security requirements as recommended by FERC and the BOC, the camera located at the dam will allow monitoring of the vertical gate and flashboard array for debris, ice and physical position. This increased ability to record operations reduces risk of any debris causing Vertical Gate malfunctions.



SEAPA 2018 BOARD MEETING DATES

Date(s)	Location	Comments
February 8, 2018 (Thurs)	Ketchikan	
June 19-20, 2018 (Tues-Wed)	Wrangell	Split Meeting: Tues 1-5/Wed 9-2
September 27, 2018 (Thurs)	Ketchikan	
December 12-13, 2018 (Wed-Thurs)	Petersburg	Split Meeting: Wed 1-5/Thurs 9-2

2018 Calendar

January 2018

W	S	M	T	W	T	F	S
1		1	2	3	4	5	6
2	7	8	9	10	11	12	13
3	14	15	16	17	18	19	20
4	21	22	23	24	25	26	27
5	28	29	30	31			

February 2018

W	S	M	T	W	T	F	S
5					1	2	3
6	4	5	6	7	8	9	10
7	11	12	13	14	15	16	17
8	18	19	20	21	22	23	24
9	25	26	27	28			

March 2018

W	S	M	T	W	T	F	S
9					1	2	3
10	4	5	6	7	8	9	10
11	11	12	13	14	15	16	17
12	18	19	20	21	22	23	24
13	25	26	27	28	29	30	31

April 2018

W	S	M	T	W	T	F	S
14	1	2	3	4	5	6	7
15	8	9	10	11	12	13	14
16	15	16	17	18	19	20	21
17	22	23	24	25	26	27	28
18	29	30					

May 2018

W	S	M	T	W	T	F	S
18			1	2	3	4	5
19	6	7	8	9	10	11	12
20	13	14	15	16	17	18	19
21	20	21	22	23	24	25	26
22	27	28	29	30	31		

June 2018

W	S	M	T	W	T	F	S
22						1	2
23	3	4	5	6	7	8	9
24	10	11	12	13	14	15	16
25	17	18	19	20	21	22	23
26	24	25	26	27	28	29	30

July 2018

W	S	M	T	W	T	F	S
27	1	2	3	4	5	6	7
28	8	9	10	11	12	13	14
29	15	16	17	18	19	20	21
30	22	23	24	25	26	27	28
31	29	30	31				

August 2018

W	S	M	T	W	T	F	S
31				1	2	3	4
32	5	6	7	8	9	10	11
33	12	13	14	15	16	17	18
34	19	20	21	22	23	24	25
35	26	27	28	29	30	31	

September 2018

W	S	M	T	W	T	F	S
35							1
36	2	3	4	5	6	7	8
37	9	10	11	12	13	14	15
38	16	17	18	19	20	21	22
39	23	24	25	26	27	28	29
40	30						

October 2018

W	S	M	T	W	T	F	S
40		1	2	3	4	5	6
41	7	8	9	10	11	12	13
42	14	15	16	17	18	19	20
43	21	22	23	24	25	26	27
44	28	29	30	31			

November 2018

W	S	M	T	W	T	F	S
44					1	2	3
45	4	5	6	7	8	9	10
46	11	12	13	14	15	16	17
47	18	19	20	21	22	23	24
48	25	26	27	28	29	30	

December 2018

W	S	M	T	W	T	F	S
48							1
49	2	3	4	5	6	7	8
50	9	10	11	12	13	14	15
51	16	17	18	19	20	21	22
52	23	24	25	26	27	28	29
1	30	31					

(See attached for additional information on 2018 meeting dates and events)

2018 MEETING DATES | EVENTS

DATE	ORGANIZATION	EVENT LOCATION
JANUARY		
1	SEAPA	HOLIDAY – New Year's Day
2	Petersburg Borough Assembly Meeting*	Petersburg
4	Ketchikan City Council Meeting*	Ketchikan
9	City & Borough of Wrangell Assembly Meeting*	Wrangell
15	Petersburg Borough Assembly Meeting*	Petersburg
18	Ketchikan City Council Meeting*	Ketchikan
23	City & Borough of Wrangell Assembly Meeting*	Wrangell
30 – Feb 1	Alaska Power Association (APA)	Managers' Mtg & Legislative Conf - Juneau
FEBRUARY		
1	Ketchikan City Council Meeting*	Ketchikan
5	Petersburg Borough Assembly Meeting*	Petersburg
8	SEAPA BOARD MEETING	Ketchikan
13	City & Borough of Wrangell Assembly Meeting*	Wrangell
13-14	Southeast Conference Mid-Session Summit	Juneau
15	Ketchikan City Council Meeting*	Ketchikan
19	SEAPA	HOLIDAY – Presidents' Day
20	Petersburg Borough Assembly Meeting*	Petersburg
20-23	Northwest Hydroelectric Association (NWHHA)	Annual Conference & FERC Mtg. – Portland
27	City & Borough of Wrangell Assembly Meeting*	Wrangell
MARCH		
1	Ketchikan City Council Meeting*	Ketchikan
5	Petersburg Borough Assembly Meeting*	Petersburg
13	City & Borough of Wrangell Assembly Meeting*	Wrangell
15	Ketchikan City Council Meeting*	Ketchikan
19	Petersburg Borough Assembly Meeting*	Petersburg
27	City & Borough of Wrangell Assembly Meeting*	Wrangell
APRIL		
2	Petersburg Borough Assembly Meeting*	Petersburg
5	Ketchikan City Council Meeting*	Ketchikan
10	City & Borough of Wrangell Assembly Meeting*	Wrangell
16	Petersburg Borough Assembly Meeting*	Petersburg
19	Ketchikan City Council Meeting*	Ketchikan
24	City & Borough of Wrangell Assembly Meeting*	Wrangell
30 - May 2	National Hydropower Association (NHA)	Annual Conference / Water Week – D.C.
MAY		
3	Ketchikan City Council Meeting*	Ketchikan
7	Petersburg Borough Assembly Meeting*	Petersburg
8	City & Borough of Wrangell Assembly Meeting*	Wrangell
14-16	Northwest Hydroelectric Association (NWHHA)	Strategic Planning Meeting – Seattle
17	Ketchikan City Council Meeting*	Ketchikan
20-23	Northwest Public Power Association (NWPPA)	Annual Meeting - Boise
21	Petersburg Borough Assembly Meeting*	Petersburg
22	City & Borough of Wrangell Assembly Meeting*	Wrangell
28	SEAPA	HOLIDAY – Memorial Day

JUNE		
?	Alaska Power Association (APA)	Federal Legislative Conf – D.C.
4	Petersburg Borough Assembly Meeting*	Petersburg
7	Ketchikan City Council Meeting*	Ketchikan
12	City & Borough of Wrangell Assembly Meeting*	Wrangell
18	Petersburg Borough Assembly Meeting*	Petersburg
19-20	SEAPA BOARD MEETING	Wrangell
21	Ketchikan City Council Meeting*	Ketchikan
26	City & Borough of Wrangell Assembly Meeting	Wrangell
26-29	HydroVision International	Conference – Charlotte
JULY		
2	Petersburg Borough Assembly Meeting*	Petersburg
4	SEAPA	HOLIDAY – Independence Day
5	Ketchikan City Council Meeting*	Ketchikan
10	City & Borough of Wrangell Assembly Meeting*	Wrangell
16	Petersburg Borough Assembly Meeting*	Petersburg
16-19	AEGIS	Policyholders Conference – Chicago
19	Ketchikan City Council Meeting*	Ketchikan
24	City & Borough of Wrangell Assembly Meeting*	Wrangell
AUGUST		
2	Ketchikan City Council Meeting*	Ketchikan
6	Petersburg Borough Assembly Meeting*	Petersburg
14	City & Borough of Wrangell Assembly Meeting*	Wrangell
16	Ketchikan City Council Meeting*	Ketchikan
20	Petersburg Borough Assembly Meeting*	Petersburg
21-24	Alaska Power Association (APA)	Annual Meeting – Fairbanks
28	City & Borough of Wrangell Assembly Meeting*	Wrangell
SEPTEMBER		
3	SEAPA	HOLIDAY – Labor Day
4	Petersburg Borough Assembly Meeting*	Petersburg
6	Ketchikan City Council Meeting*	Ketchikan
11	National Hydropower Association (NHA)	Annual Meeting – Ketchikan
12-14	Southeast Conference	Annual Meeting – Ketchikan
11	City & Borough of Wrangell Assembly Meeting*	Wrangell
17	Petersburg Borough Assembly Meeting*	Petersburg
20	Ketchikan City Council Meeting*	Ketchikan
25	City & Borough of Wrangell Assembly Meeting*	Wrangell
27	SEAPA BOARD MEETING	Ketchikan
OCTOBER		
1	Petersburg Borough Assembly Meeting*	Petersburg
4	Ketchikan City Council Meeting*	Ketchikan
9	City & Borough of Wrangell Assembly Meeting*	Wrangell
15	Petersburg Borough Assembly Meeting*	Petersburg
?	Alaska Power Association (APA)	Accounting & Finance Wkshop - Anchorage
18	Ketchikan City Council Meeting*	Ketchikan
23	City & Borough of Wrangell Assembly Meeting*	Wrangell
?	SEAPA Annual Audit	Ketchikan

NOVEMBER		
1	Ketchikan City Council Meeting*	Ketchikan
5	Petersburg Borough Assembly Meeting*	Petersburg
12	SEAPA	HOLIDAY – Veterans’ Day - Observed
13	City & Borough of Wrangell Assembly Meeting*	Wrangell
15	Ketchikan City Council Meeting*	Ketchikan
19	Petersburg Borough Assembly Meeting*	Petersburg
22-23	SEAPA	HOLIDAY – Thanksgiving & Day After
27	City & Borough of Wrangell Assembly Meeting*	Wrangell
DECEMBER		
?	Alaska Power Association (APA)	December Meeting Series
3	Petersburg Borough Assembly Meeting*	Petersburg
6	Ketchikan City Council Meeting*	Ketchikan
11	City & Borough of Wrangell Assembly Meeting*	Wrangell
12-13	SEAPA BOARD MEETING	Petersburg
17	Petersburg Borough Assembly Meeting*	Petersburg
20	City of Ketchikan Council Meeting*	Ketchikan
24-25	SEAPA	HOLIDAY – Christmas Eve & Christmas Day

*Please note that the Assembly and Council meetings noted on the calendar are estimated as a result of the schedule below.

- Petersburg Borough Assembly 1st & 3rd Monday every month
- City & Borough of Wrangell Assembly 2nd & 4th Tuesday every month
- Ketchikan City Council 1st & 3rd Thursday every month