



## SOUTHEAST ALASKA POWER AGENCY

### Regular Board Meeting AGENDA

Tide's Inn Conference Room | Petersburg, Alaska

February 8, 2017 | 1:00 p.m. to 5:00 p.m. AKST  
February 9, 2017 | 9:00 a.m. to 2:00 p.m. AKST

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

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. Introduction of Board Members
4. Election of Officers
  - A. Chairman
  - B. Vice Chairman
  - C. Secretary/Treasurer
5. Persons to be Heard
6. Introduction to SEAPA (Joel Paisner)
7. Review and Approve Minutes
  - A. December 14, 2016 Minutes of Regular Board Meeting
  - B. December 20, 2016 Minutes of Special Meeting
8. Financial Reports
  - A. CEO Financial Cover Memo
  - B. Controller's Report
  - C. kWh Graph
  - D. Grant Summary
  - E. Financial Statements – December & November 2016
  - F. R&R Reports
  - G. Disbursement Approvals - December 2016 & January 2017
9. CEO Report

10. Staff Reports
  - A. Operations Manager's Report (*Henson*)
    - (i) Tyee Lake Report
    - (ii) Swan Lake Report
  - B. Power System Specialist Report (*Schofield*)
11. Old Business
  - A. Roadless Rule Update (Joel Paisner)
12. New Business
  - A. Consideration and Approval of 2017-2019 Annual Transmission Line Maintenance Contract
  - B. Consideration and Approval of Swan Lake Transmission Line Brushing Contract, Carroll Inlet Area
  - C. Consideration of Spare Set of Flashboards and Kickers
  - D. Executive Session Re Potential Claims Re Swan Lake Reservoir Expansion Project
  - E. Next Meeting Dates
13. Director Comments
14. Adjourn



**SOUTHEAST ALASKA POWER AGENCY**

**Minutes of Regular Meeting**

December 14, 2016

Best Western Plus Landing Hotel  
Ketchikan, Alaska

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

**1) Call to Order**

A. *Roll Call* - Chairman John Jensen called the meeting to order at 9:00 a.m. AKST on December 14, 2016. The following directors and alternates were present, thus establishing a quorum of the board:

<b>Director</b>	<b>Alternate</b>	<b>Representing</b>	
Lew Williams	Andy Donato	Swan Lake	Ketchikan
Judy Zenge	Charles Freeman	Swan Lake	Ketchikan
Joe Nelson	Mark Jensen	Tyee Lake	Petersburg
John Jensen	Cindi Lagoudakis	Tyee Lake	Petersburg
Stephen Prysunka	Clay Hammer	Tyee Lake	Wrangell

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

Trey Acteson, Chief Executive Officer	Steve Henson, Operations Manager
Eric Wolfe, Director of Special Projects	Ed Schofield, Power System Specialist
Kay Key, Controller	Sharon Thompson, Executive Assistant
Lisa Maddocks, Administrative Assistant	Joel Paisner, Ascent Law Partners, LLC

B. *Communications/Lay on the Table Items* – It was noted that a handout would be distributed for the upcoming NRECA call scheduled at 11:00 a.m.

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.

**2) Approval of the Agenda**

➤ <b>Motion</b>	M/S (Williams/Zenge) to approve the agenda, as discussed with scheduled calls. Motion approved unanimously by polled vote.	<b>Action 17-543</b>
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**3) Proclamation Honoring Joe Nelson**

A proclamation honoring Joe Nelson was read by Chairman, John Jensen.

**4) Persons to be Heard – None**

5) **Review and Approve Minutes**

➤ <b>Motion</b>	M/S (Williams/Nelson) to approve the Minutes of the Regular Meeting of November 1-2, 2016. Motion approved unanimously by polled vote.	Action 17-544
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6) **Financial Reports**

(A-H) Mr. Acteson reported that SEAPA's financial position remains strong. He noted that the FY16 Audited Financials had been distributed to the Board ahead of this meeting and that a call with the BDO financial auditor was scheduled for later in the meeting. He mentioned the FY16 rebate, which is to be discussed under New Business. Mr. Acteson reviewed the Agency's revenue and expenses, grants and renewal and replacement projects. Following discussions, the Chairman requested a motion on the financial statements.

➤ <b>Motion</b>	M/S (Williams/Nelson) to approve the financial statements for the month of October 2016. Motion approved unanimously by polled vote.	Action 17-545
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➤ <b>Motion</b>	M/S (Williams/Prysunka) to approve disbursements for the month of November 2016. Motion approved unanimously by polled vote.	Action 17-546
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➤ <b>Motion</b>	M/S (Williams/Zenge) to approve the Southeast Alaska Power Agency Fiscal Year 2016 Audited Financial Statements presented. Motion approved unanimously by polled vote.	Action 17-547
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Bob Sivertsen presented Joe Nelson with a framed painting in honor of his service to the SEAPA Board.

The meeting recessed at 10:24 a.m. and reconvened at 10:43 a.m.

7) **CEO Report**

Mr. Acteson announced that the negotiations in the U.S. House of Representatives on the omnibus energy bill had failed and that the amendment to address land conveyance issues in the Lost Creek drainage of the Swan Lake Hydroelectric Project was part of the energy legislation that failed. He added that the Federal Delegation was working on alternative pathways to move the amendment forward. He further stated that he has been working with our State lobbyist to define priorities for the coming legislative session.

Mr. Acteson provided an update on public relations activities, best practices and process improvements and SEAPA's new satellite communications' provider. He advised that the Kake-Petersburg Intertie (KPI) Record of Decision (ROD) was signed by the Forest Supervisor on November 30, 2016, noting that this was a significant milestone achievement, as it authorizes SEAPA to construct a transmission line between Petersburg and Kake. He further advised that SEAPA's Project Manager is working to establish timelines and deliverables associated with the ROD before scheduling a meeting with the KPI steering committee to discuss findings and options.

The meeting recessed at 12:08 p.m. and reconvened at 1:01 p.m.

Mr. Acteson closed his report with an update on the recruitment of the Director of Engineering and Technical Services position and the status of the temporary Wrangell Assistant position.



## 8) Staff Reports

### A. Operations Manager (Steve Henson)

Mr. Henson reported that the final Environmental Assessment for ATV use on the Tyege Transmission System is under review by the USFS and that the application for the Dredging/Road Tyege Power Plant Harbor plan is under review in Washington, D.C. He advised that the transition to the new satellite provider, X2nSat, would take place at the end of December and that we have contracted with Electric Power Systems for the engineering and design phase of the CTs-Relay Wrangell Circuit Switcher project. He reported that SEAPA had contracted with Kleinschmidt Associates to assist with the review of maintenance practices and operating procedures at Tyege Lake. A site visit was conducted on December 6 and 7. He reported on the Tyege Lake Turbine Shut Off Valve Controls, provided an update on the 2017-2019 Transmission Line Maintenance RFP, and closed his report with an update on Tyege Lake and Swan Lake activities.

### B. Director of Special Projects (Eric Wolfe)

Mr. Wolfe reported on the Swan Lake Expansion Project, including benefits, cost, and remaining tasks. He also provided an update on water management.

### C. Power System Specialist (Ed Schofield)

Mr. Schofield reported on the installation of the Swan Lake Ice Avoidance Bubbler Compressor and compressor building. He provided an update on the progress of the Swan Lake Debris Boom Design and advised the Board that the Swan Lake Fixed Wheel Gate has been commissioned and is ready for automation integration. Mr. Schofield reported that a temporary log boom was installed at Swan Lake until the permanent boom is installed. He closed his report with an update on the demobilization of Pacific Pile and Marine from the Swan Lake Reservoir Expansion Project.

## 9) Old Business

### A. Consideration and Approval of Retirement Security Plan Prepayment

Mark Maus, Vice President of Actuarial Services at NRECA, called in earlier in the meeting to review and discuss the Retirement Security Plan Prepayment Option, and fielded additional questions from the Board.

#### ➤ Motion

M/S (Prysunka/Williams) to direct staff to issue a lump-sum prepayment to NRECA's Retirement Security Plan in the amount of \$448,687 to apply towards SEAPA's defined benefit plan, and further moved to direct staff to amortize the payment over ten years using the straight-line amortization method starting in FY2017. Motion failed with a polled vote of 3-2.

Action  
17-548

## 10) New Business

### A. Consideration and Approval of SEAPA's Operations Plan for 2017

Mr. Wolfe provided an overview of SEAPA's Operations Plan for 2017. After discussions, Chairman Jensen requested a motion.

<b>➤ Motion</b>	M/S (Williams/Zenge) to approve the 2017 SEAPA Operations Plan as defined in the "2017 Ops Plan Summary" on page 6 of the SEAPA 2017 Operations Plan Report" dated December 6, 2016. Motion approved unanimously by polled vote.	<b>Action 17-549</b>
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*B. Consideration of Policy Regarding PTO Donation*

After discussions and suggested amendment, Chairman Jensen requested a motion.

<b>➤ Motion</b>	M/S (Prysunka/Zenge) that SEAPA adopt the Paid Time Off (PTO) Donation Policy, as presented in the December 14, 2016 Board Packet. The motion was amended to remove the limit on hours donated. Motion approved unanimously by polled vote.	<b>Action 17-550</b>
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*C. Consideration and Approval of Resolution No. 2016-065 Regarding CEO Annual Review*

Chairman Jensen requested a motion.

<b>➤ Motion</b>	M/S (Williams/Zenge) to adopt Resolution No. 2016-065, Policy 7.3 – Annual Review of the CEO, establishing the Annual Review of the Agency's CEO prior to the end of each calendar year. Motion approved unanimously by polled vote.	<b>Action 17-551</b>
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*D. Executive Session Pursuant to Agency Bylaws*

<b>➤ Motion</b>	M/S (Prysunka/Zenge) to recess into Executive Session to conduct further discussions on SEAPA Employment Related Matters. 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, and no one has requested this matter be addressed in a public session. Motion approved unanimously by polled vote.	<b>Action 17-552</b>
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The meeting recessed into executive session at 2:41 p.m. and reconvened at 3:39 p.m. No actions were taken as a result of the executive session.

*E. Consideration and Approval of CEO Employment Contract – No discussion.*

*F. Approval of Rebate Disbursement*

Chairman Jensen requested a motion.

<b>➤ Motion</b>	M/S (Williams/Nelson) to authorize the distributions of an \$800,000 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 FY16 Rebate Memo dated December 5, 2016. Motion approved unanimously by polled vote.	<b>Action 17-553</b>
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*G. Consideration of Proposed Next Meeting Dates, February 8-9, 2017 in Petersburg*

Following discussion, it was the consensus of the Board that the first meeting in 2017 would be February 8-9 in Petersburg, and that subsequent meeting dates would be sent to the Board.

**11) Director Comments** – Directors provided brief comments.

**12) Adjourn**

Chairman Jensen adjourned the meeting at 3:52 p.m.

Signed:

Attest:

\_\_\_\_\_  
Secretary/Treasurer

\_\_\_\_\_  
Chairman



**SOUTHEAST ALASKA POWER AGENCY**

**Minutes of Special Meeting**

December 20, 2016

Southeast Alaska Power Agency Offices  
Via Teleconference  
Ketchikan, Alaska

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

**1) Call to Order**

Chairman John Jensen called the meeting to order at 10:00 a.m. AKST on December 20, 2016.

A. *Roll Call* - The following directors and alternates were present, thus establishing a quorum of the board:

<b>Director</b>	<b>Alternate</b>	<b>Representing</b>	
Lew Williams	Andy Donato	Swan Lake	Ketchikan
	Charles Freeman	Swan Lake	Ketchikan
Joe Nelson	Mark Jensen	Tyee Lake	Petersburg
John Jensen	Cindi Lagoudakis	Tyee Lake	Petersburg
Stephen Prysunka		Tyee Lake	Wrangell

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

Trey Acteson, Chief Executive Officer      Lisa Maddocks, Administrative Assistant  
Joel Paisner, Ascent Law Partners, LLC

**2) Approval of the Agenda**

➤ <b>Motion</b>	M/S (Williams/Nelson) to approve the agenda. Motion approved unanimously by polled vote.	Action 17-554
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**3) New Business**

A. *Agency CEO Employment Contract*

➤ <b>Motion</b>	M/S (Prysunka/Williams) that SEAPA's Board of Directors met in Executive Session on December 14, 2016 and discussed the contract of the Agency's Chief Executive Officer and matters related thereto. As a follow-up to that Executive Session, the Board hereby directs the Agency's counsel to prepare the CEO Contract consistent with the direction given by the Board during Executive Session and grants the Agency's Chair the authority to execute the contract prepared by counsel. Motion approved 4-1 by polled vote.	Action 17-555
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**4) Adjourn**

Chairman Jensen adjourned the meeting at 10:09 a.m.

Signed:

Attest:

\_\_\_\_\_  
Secretary/Treasurer

\_\_\_\_\_  
Chairman

Unapproved Draft



## SOUTHEAST ALASKA POWER AGENCY CEO FINANCIAL COVER MEMO

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DATE: February 1, 2017  
TO: SEAPA Board of Directors  
FROM: Trey Acteson, CEO

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SEAPA's financial position remains stable. The financial statements in your Board packets include November and December FY17.

### **REVENUE & EXPENSES:**

Sales were robust in December, coming in \$285,982 over budget.

Total power purchase revenues through the end of December were \$6,283,407 actual vs. \$5,826,929 budget.

Total administrative and operating expenses through the end of December were \$2,651,539 actual vs. \$3,234,499 budget. The bulk of this difference can be attributed to temporary deferment of transmission and plant maintenance during construction at Swan Lake (SWL).

### **GRANTS:**

We have two remaining grants; the KPI#2 and the FY13 DCCED. Grant expenditures have been minimal since our last Board meeting.

### **RENEWAL & REPLACEMENT PROJECTS:**

Total R&R expenditures through the first half of the fiscal year (including SWL) are \$6,494,705.

The Swan Lake Reservoir Expansion Project is substantially complete. We have negotiated final payment with Pacific Pile & Marine and are holding back approximately \$300,000 until final record drawings have been received and accepted. Kunz America, manufacturer of the vertical gate and flashboard systems, has fulfilled their contractual obligations and all that remains is final invoicing. There is a punch-list of Owner responsible items that is currently being worked through with the assistance of on-site resources. The Construction Fund will be fully depleted upon final closeout of outstanding invoices and we anticipate final project costs to be in-line with the approved budget. We have provided a SWL financial summary behind this memo.

Staff will provide updates on approved R&R projects in their Board reports and we'll be available to answer questions during our upcoming meeting.



**SOUTHEAST ALASKA POWER AGENCY**  
**CONTROLLER MEMO**

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Date: **January 30, 2017**                      From: **Kay Key**  
To: **Trey Acteson**                              Subject: **FINANCIAL STATEMENTS**

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<b>SUGGESTED MOTION</b>
I move to approve financial statements for the months of December and November, 2016.

The following FY2017 financial reports are included in this board packet:

- **kWh Graph**
- **Grant Summary**
- **Monthly Financial Statements for December and November, 2016:**
  - ✓ 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 – Detail Budget Comparison
- **R&R Reports:**
  - Summary, Invoice Details, SWL Financial Summary

Displaced sales for the calendar year 2016 Whitman True-up were invoiced at the end of December in the amount of \$516,210. Of that total, \$326,905 was accrued in FY16, representing an estimate of sales from January through June, and \$189,305 represented sales from July through December.

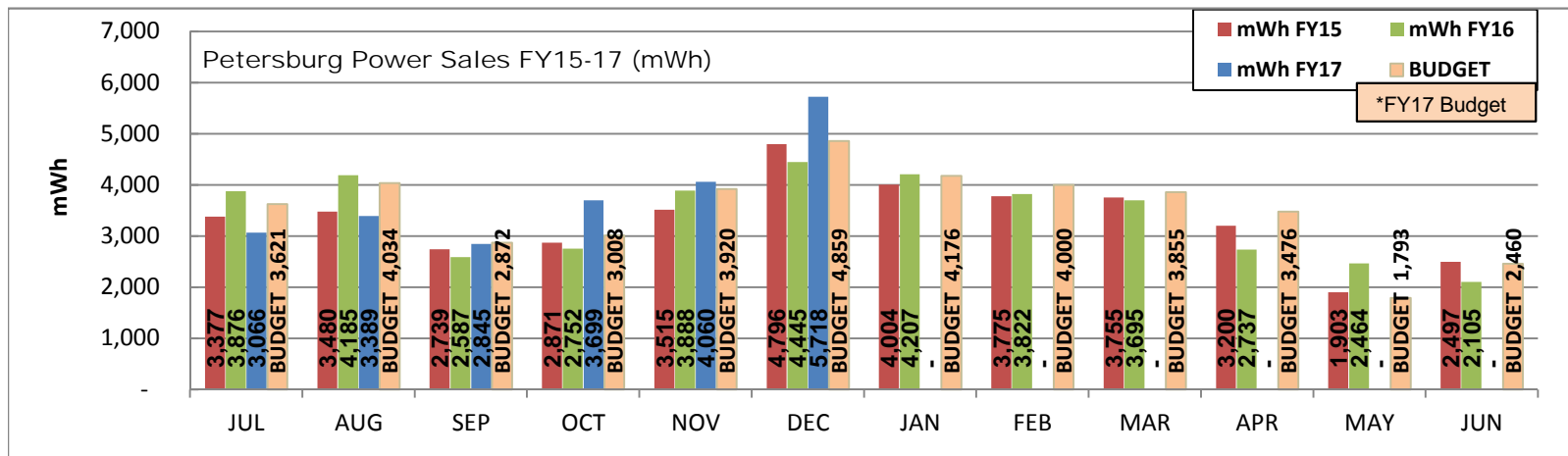
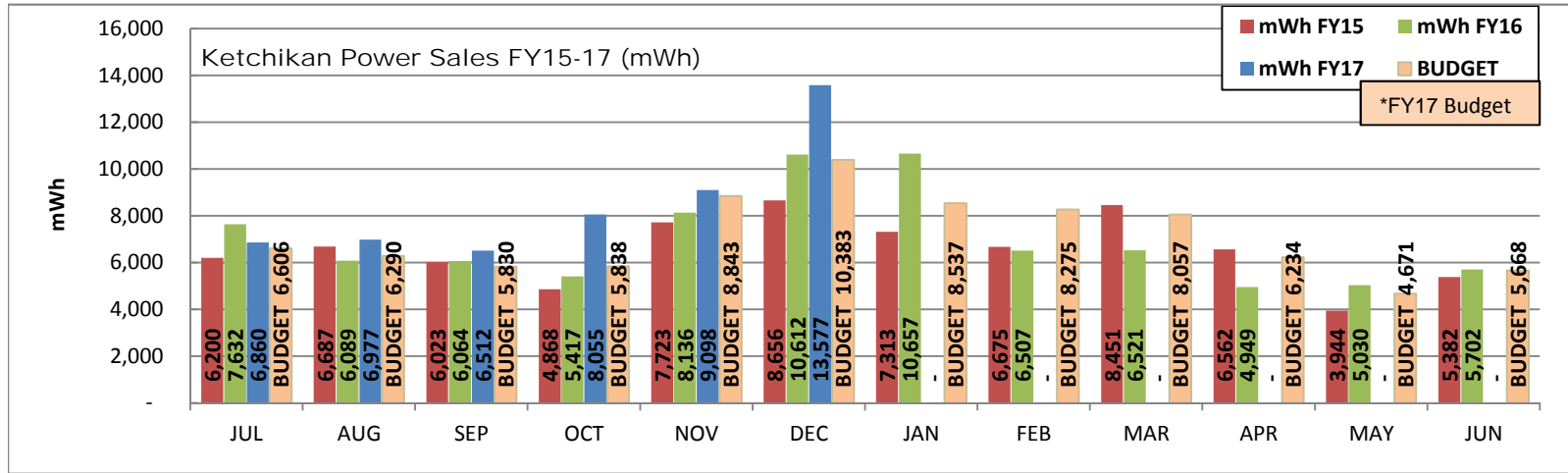
The helipad capital project, RR231, was closed in December with the receipt of final project management invoices. The project was capitalized as an asset on the STI (132100), except for helipads installed at the Tye Lake gatehouse and stream gage site (130120) and 10 helipads that were moved in inventory (120704).

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- **Disbursements:** A Suggested Motion for approval of December and January expenditures appears on the first page of the disbursements.

**SOUTHEAST ALASKA POWER AGENCY  
POWER SALES**

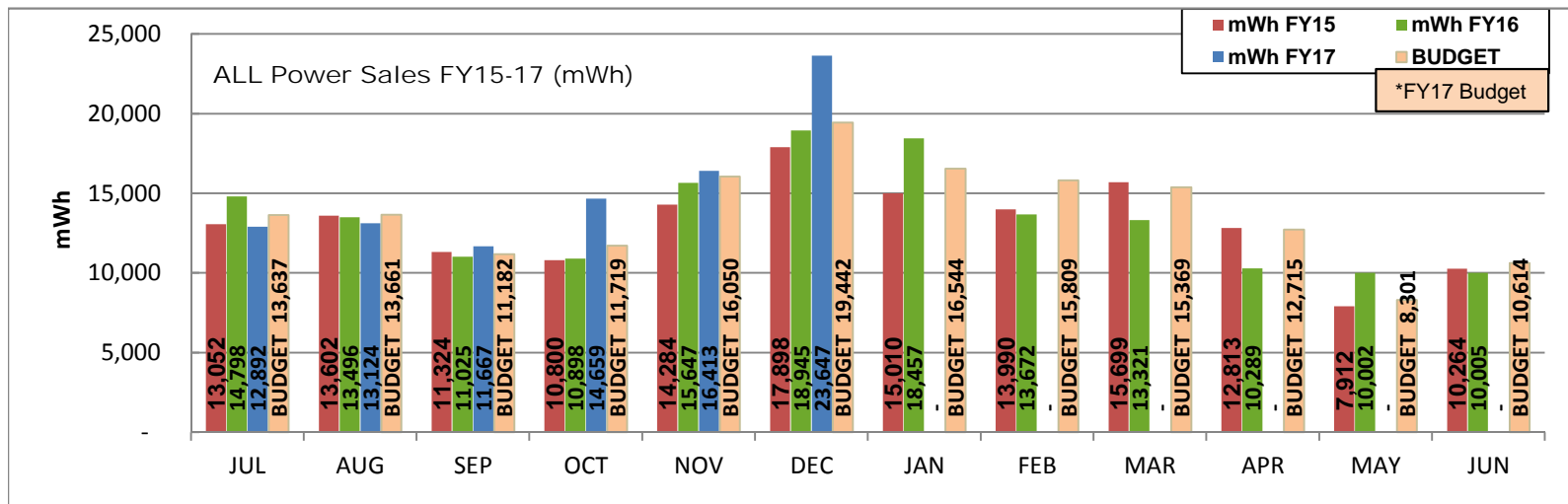
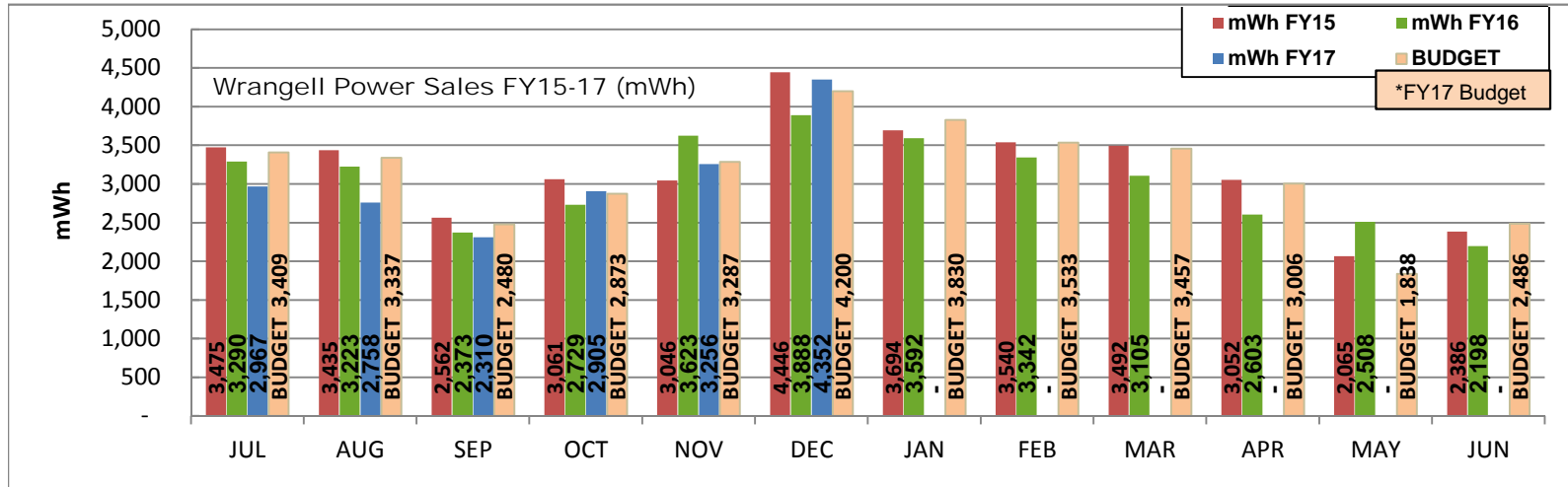
DEC 2016	FY17 kWh HYDROPOWER SALES	Current Month		Year-To-Date	
		Actual	Budget	Actual	Budget
	Ketchikan Power Purchases	13,576,832	10,382,688	51,078,560	43,790,024
Petersburg Power Purchases	5,718,391	4,858,990	22,777,459	22,314,030	
Wrangell Power Purchases	4,352,110	4,200,045	18,547,020	19,586,071	
<b>Total Power Purchases</b>	<b>23,647,333</b>	<b>19,441,723</b>	<b>92,403,039</b>	<b>85,690,125</b>	





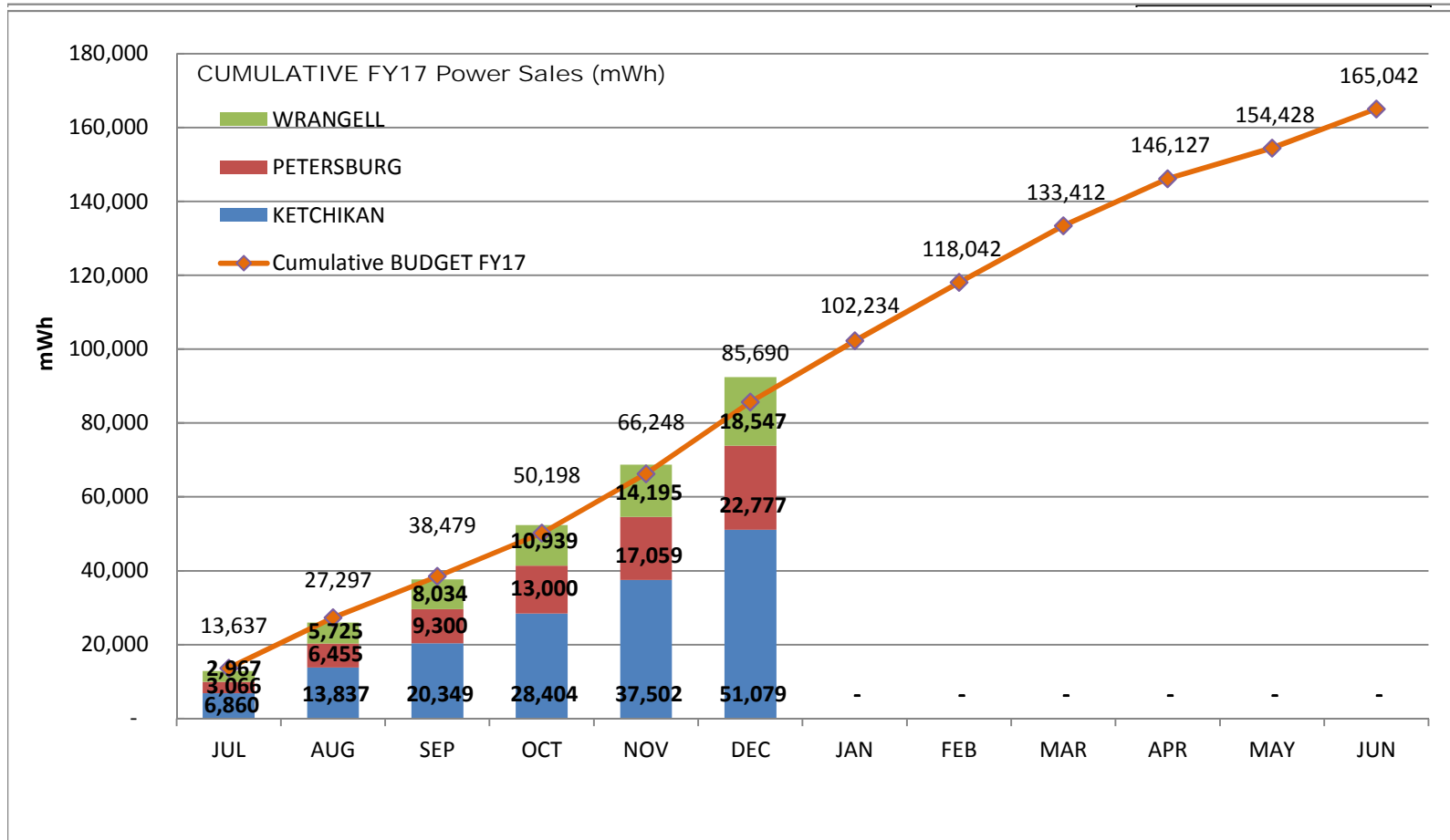
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**SOUTHEAST ALASKA POWER AGENCY  
FY17 GRANT SUMMARY  
as of DECEMBER 31, 2016**

**FY13 Alaska Energy Authority Kake-Petersburg Intertie Grant #2**

	<u>Grant Award</u>	<u>Expenditures</u>	<u>Balance</u>
KPI2 - EIS	32,000	25,731	6,269
KPI2 - Engineer-Design	1,743,000	-	1,743,000
KPI2 - Project Mgmt	225,000	1,206	223,794
TOTAL	2,000,000	26,937	1,973,063

**FY13 Alaska Dept. of Commerce, Community & Economic Development**

	<u>Grant Award</u>	<u>Expenditures</u>	<u>Balance</u>
1 - Hydro Storage	578,000	578,000	0
2 - G&T Site Evaluation	1,705,000	1,268,521	436,479
3 - Stability / Interconnectivity	146,000	0	146,000
4 - Load Balance Model	112,000	98	111,902
5 - Project Mgmt	309,000	255,712	53,288
6 - Business Analysis / PSA	150,000	48,015	101,985
TOTAL	3,000,000	2,150,346	849,654

<b>TOTAL ACTIVE GRANTS</b>	<b>8,320,000</b>	<b>5,497,283</b>	<b>2,822,717</b>
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## DECEMBER 2016 FINANCIAL OVERVIEW

The following tables provide a snapshot of SEAPA's revenues and expenses for DECEMBER, 2016.

DECEMBER, 2016 revenues from kWh sales were over budget:

FIRM kWh SALES	DECEMBER Actual	DECEMBER Budget	Prior Year Actual
Ketchikan	\$923,225	\$706,023	\$721,620
Petersburg	\$388,851	\$330,411	\$302,256
Wrangell	\$295,943	\$285,603	\$264,416
<b>Total Revenue</b>	<b>\$1,608,019</b>	<b>\$1,322,037</b>	<b>\$1,288,292</b>

Year-to-date revenues (JUL - DEC) from kWh sales are over budget:

FIRM kWh SALES	YTD Actual	YTD Budget	Prior Yr Actual
Ketchikan	\$3,473,342	\$2,977,722	\$2,988,605
Petersburg	\$1,548,867	\$1,517,353	\$1,477,817
Wrangell	\$1,261,197	\$1,331,854	\$1,300,606
<b>Total Revenue</b>	<b>\$6,283,407</b>	<b>\$5,826,929</b>	<b>\$5,767,028</b>

FIRM kWh SALES (3 years)	FISCAL YEAR	DECEMBER	YTD JUL-DEC
	FY2017	23,647,333	92,403,039
	FY2016	18,945,473	84,809,230
	FY2015	17,898,140	80,960,270

Administrative and operating expenses were under budget for DECEMBER.

Administrative & Operating Expenses	DECEMBER Actual	DECEMBER Budget	Prior Yr Actual
	\$503,116	\$610,346	\$553,468
	YTD Actual	YTD Budget	Prior YTD Actual
	\$2,651,539	\$3,234,499	\$2,845,915

**AGENCY FUNDS**

Operations, Capital and Insurance Funds

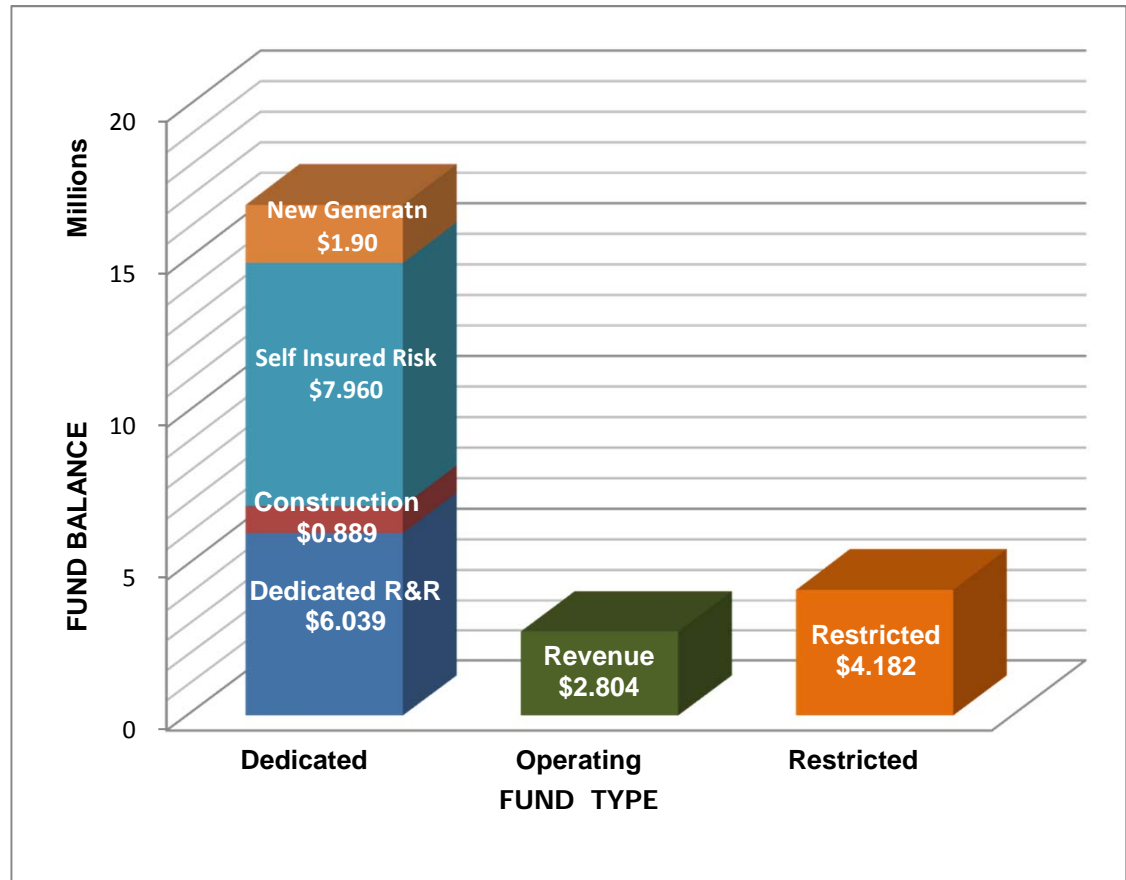
Revenue Fund FB	\$ 2,802,900
Required R&R Fund FB	1,000,358
Dedicated R&R Projects Fund FB	6,038,633
Construction Fund FB	889,095
Commercial FB	1,000
New Generation Fund	1,898,190
Self Insured Risk Fund FNBA	7,959,728
<b>Total Operations, Capital and Insurance Funds</b>	<b>20,589,905</b>

Trustee Funds

2009 Bond Interest	\$ 55,507
2009 Bond Principal	513,346
2009 Bond Reserve	1,410,286
2015 Bond Interest	40,642
2015 Bond Reserve	212,825
<b>Total Trustee Funds</b>	<b>2,232,607</b>

Other Restricted Funds

STI - USFS CD WF	\$ 21,624
DNR Reclamation Fund WF	927,269
<b>Total Other Restricted Funds</b>	<b>948,892</b>
<b>Total Agency Funds</b>	<b>\$ 23,771,404</b>



Dedicated Funds

- New Generation = Project feasibility funding (hydro, wind, geothermal)
- Self-Insured Risk = Coverage for uninsured transmission lines, submarine cables and insurance deductibles.
- Construction Fund = 2015 bond proceeds dedicated to Swan Lake Reservoir Expansion project.
- 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**  
**Summary Financial Position - Prior Year Comparison**  
**as of December 31, 2016**

	DEC 31, 2016	DEC 31, 2015
<b>ASSETS</b>		
<b>Current Assets</b>		
<b>Agency Funds</b>		
111000 · Ops/Capital/Insurance Funds	20,589,905	25,836,786
112000 · Trustee Funds	2,232,607	2,223,941
113000 · Other Restricted Funds	948,892	873,887
<b>Total Agency Funds</b>	<b>23,771,404</b>	<b>28,934,614</b>
<b>Accounts Receivable</b>		
110000 · Accounts Receivable	2,878,452	2,279,169
110100 · Grants Receivable	22,692	159,050
<b>Total Accounts Receivable</b>	<b>2,901,145</b>	<b>2,438,219</b>
<b>Other Current Assets</b>		
120200 · Other Receivables	4,606	4,606
120300 · Accrued Interest Receivable	21,573	35,274
120500 · Prepaid Fees	342,282	309,861
120700 · Inventory Assets	1,116,928	952,952
<b>Total Other Current Assets</b>	<b>1,485,389</b>	<b>1,302,692</b>
<b>Total Current Assets</b>	<b>28,157,938</b>	<b>32,675,525</b>
<b>Fixed Assets</b>		
130100 · Capital Assets	162,592,221	156,307,967
132200 · R&R Projects WIP Capital Improv	11,959,131	7,705,967
132900 · Accumulated Depreciation	(38,029,009)	(33,784,582)
<b>Total Fixed Assets</b>	<b>136,522,343</b>	<b>130,229,353</b>
<b>Other Assets</b>		
183000 · Deferred Assets	385,945	404,393
<b>Total Other Assets</b>	<b>385,945</b>	<b>404,393</b>
<b>TOTAL ASSETS</b>	<b>165,066,225</b>	<b>163,309,271</b>
<b>LIABILITIES &amp; EQUITY</b>		
<b>Liabilities</b>		
<b>Current Liabilities</b>		
<b>Accounts Payable</b>		
210100 · Accounts Payable General	341,604	482,424
<b>Total Accounts Payable</b>	<b>341,604</b>	<b>482,424</b>
<b>Other Current Liabilities</b>		
210150 · Other Current Liabilities	38,750	34,926
210152 · DNR Fund - CVEA KEA Portion	300,000	262,500
210300 · Reserve Interest Payable	68,367	61,083
210400 · Wages Payable	259,167	175,669
210500 · Payroll Liabilities	28,222	9,520
<b>Total Other Current Liabilities</b>	<b>694,506</b>	<b>543,698</b>
<b>Total Current Liabilities</b>	<b>1,036,109</b>	<b>1,026,121</b>
<b>Long Term Liabilities</b>		
220100 · Series B Bonds 2009	7,160,000	7,905,000
220120 · 2009 Bond Issuance Discount	(29,837)	(34,012)
220121 · PERS Unfunded Liability WRG	1,005,501	488,768
220130 · Series 2015 Bonds	10,295,000	10,295,000
220131 · 2015 Bond Issuance Premium	903,874	961,017
<b>Total Long Term Liabilities</b>	<b>19,334,538</b>	<b>19,615,773</b>
<b>Total Liabilities</b>	<b>20,370,647</b>	<b>20,641,895</b>
<b>Net Position</b>		
310000 · Net Position	142,657,410	140,879,386
Net Income	2,038,167	1,008,930
<b>Total Net Position</b>	<b>144,695,578</b>	<b>141,888,316</b>
<b>TOTAL LIABILITIES &amp; NET POSITION</b>	<b>165,066,225</b>	<b>162,530,211</b>

**SOUTHEAST ALASKA POWER AGENCY**  
**Summary Activities - Prior Year Comparison**  
**December 2016**

	DEC 2016	DEC 2015
<b>Operating Income/Expense</b>		
<b>Operating Income</b>		
410000 · Hydro Facility Revenues	1,797,324	1,626,444
<b>Total Operating Income</b>	1,797,324	1,626,444
<b>Operating Expense</b>		
535000 · Hydro Ops-Suprvsn & Engineering	25,083	95,407
538000 · Electric Expenses	6,173	1,059
539000 · Misc Power Generation Expense	27,130	45,546
540000 · Rents	15,432	11,214
541000 · Hydro Power Station Maintenance	4,190	3,048
543000 · Dams, Reservoirs & Waterways	18,059	57
544000 · Maintenance of Electric Plant	92,852	99,528
545000 · Plant Miscellaneous Maintenance	4,994	3,046
561000 · Control System Maintenance	2,954	1,443
562000 · Trans/Operations Station Exp	1,773	1,952
564000 · Trans/Submarine Cable Expense	887	-
571000 · Trans/Maint Overhead Lines(OHL)	15,749	20,230
920000 · Admin Wages & Benefits	177,311	115,093
921000 · Office Expenses	17,360	29,103
922000 · Legislative Affairs	4,000	4,000
923000 · Contract Services	18,518	54,646
924000 · Insurance	38,279	39,572
928000 · Regulatory Commission Expense	11,854	8,149
930000 · General Expenses	13,882	13,908
931000 · Admin Rent	6,637	6,467
<b>Total Operating Expense</b>	503,116	553,468
<b>Net Operating Income</b>	1,294,207	1,072,976
<b>Non-Operating Income/Expense</b>		
<b>Non-Operating Income</b>		
941000 · Grant Income	22,692	175,072
942000 · Interest Income	7,424	5,603
944000 · Realized Gain/Loss	(1,152)	(18,757)
945000 · Unrealized Gain/Loss	1,827	(39,638)
946000 · Misc Nonoperating Income	-	5,811
<b>Total Non-Operating Income</b>	30,792	128,091
<b>Non-Operating Expense</b>		
950001 · Misc Nonoperating Expense	(6,239)	-
950004 · Abandoned Feasibility Expense	-	71,785
952000 · Bond Interest 2009 Series	29,642	30,684
952001 · Bond Interest 2015 Series	36,052	35,629
953000 · Depreciation Expense	367,024	339,212
954000 · Grant Expenses	2,108	101,970
954100 · Contributed Capital	-	(80,525)
<b>Total Non-Operating Expense</b>	428,588	498,755
<b>Net Non-Operating Income</b>	(397,796)	(370,663)
<b>Net Change in Financial Position</b>	<b>896,411</b>	<b>702,313</b>

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Financial Position - Detail**  
**as of December 31, 2016**

**ASSETS**

**Current Assets**

**Agency Funds**

**111000 · Ops/Capital/Insurance Funds**

111100 · Revenue Fund FB	2,802,900
111200 · Required R&R Fund FB	1,000,358
111210 · Dedicated R&R Projects Fund FB	6,038,633
111211 · Construction Fund FB	889,095
111300 · Commercial FB	1,000
111401 · New Generation Fund	1,898,190
111500 · Self Insured Risk Fund FNBA	7,959,728
<b>Total 111000 · Ops/Capital/Insurance Funds</b>	<u>20,589,905</u>

**112000 · Trustee Funds**

112100 · WF Trust 2009 Bond Interest	55,507
112200 · WF Trust 2009 Bond Principal	513,346
112300 · WF Trust 2009 Bond Reserve	1,410,286
112501 · WF Trust 2015 Bond Interest	40,642
112503 · WF Trust 2015 Bond Reserve	212,825
<b>Total 112000 · Trustee Funds</b>	<u>2,232,607</u>

**113000 · Other Restricted Funds**

113100 · STI - USFS CD WF	21,624
113500 · DNR Reclamation Fund WF	927,269
<b>Total 113000 · Other Restricted Funds</b>	<u>948,892</u>

**Total Agency Funds**

23,771,404

**Accounts Receivable**

110000 · Accounts Receivable	2,878,452.43
110100 · Grants Receivable	22,692
<b>Total Accounts Receivable</b>	<u>2,901,145</u>

**Other Current Assets**

120200 · Other Receivables	4,606
120300 · Accrued Interest Receivable	21,573
120500 · Prepaid Fees	
120520 · Prepaid Insurance	330,492
120530 · Prepaid Operating Expense	10,926
120550 · Prepaid Admin Benefits	864
<b>Total 120500 · Prepaid Fees</b>	<u>342,282</u>

**120700 · Inventory Assets**

120702 · Inventory - Marker Balls	111,237
120703 · Inventory - SWL Winding Replace	890,405
120704 · Inventory - Helipads	115,286

**Total 120700 · Inventory Assets**

1,116,928

**Total 120000 - Other Current Assets**

1,485,389

**Total Current Assets**

28,157,938



**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Financial Position - Detail**  
**as of December 31, 2016**

<b>Fixed Assets</b>	
<b>130100 · Capital Assets</b>	
130110 · Swan Lake	17,697,748
130120 · Tyee Lake	29,397,999
130130 · SEAPA Office	800,871
132100 · Swan Tyee Intertie in Operation	<u>114,695,603</u>
<b>Total 130100 · Capital Assets</b>	<b>162,592,221</b>
<b>132200 · R&amp;R Projects WIP Capital Improv</b>	
<b>132210 · R&amp;R Projects - WIP Swan Lake</b>	
1322100 · R&R WIP SWL- Reservoir Increase	
1322101 · WIP SWL Agency Permits/Environm	1,001,207
1322102 · WIP SWL Construction	5,539,111
1322103 · WIP SWL Equipment	1,404,316
1322104 · WIP SWL Engineering/Design	1,675,681
1322105 · WIP SWL Legal	68,312
1322106 · WIP SWL Project Mgmt/Professnal	<u>384,393</u>
<b>Total 1322100 · R&amp;R WIP SWL- Reservoir Increase</b>	<b>10,073,020</b>
132210 · R&R Projects - WIP Swan Lake - Other	<u>925,771</u>
<b>Total 132210 · R&amp;R Projects - WIP Swan Lake</b>	<b>10,998,791</b>
132220 · R&R Projects - WIP Tyee Lake	<u>960,340</u>
<b>Total 132200 · R&amp;R Projects WIP Capital Improv</b>	<b>11,959,131</b>
<b>132900 · Accumulated Depreciation</b>	<b><u>(38,029,009)</u></b>
<b>Total 130000 - Fixed Assets</b>	<b>136,522,343</b>
<b>Other Assets</b>	
183000 · Deferred Assets	
183001 · Long Term Receivable	242,499
183003 · 2009 Bond - Refunded Discount	138,523
183300 · Meterological Tower	<u>4,922</u>
Total 183000 · Deferred Assets	<u>385,945</u>
<b>TOTAL ASSETS</b>	<b><u><u>165,066,225</u></u></b>

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Financial Position - Detail**  
**as of December 31, 2016**

**LIABILITIES & EQUITY**

**Liabilities**

**Current Liabilities**

**Accounts Payable**

210100 · Accounts Payable General 341,604

**Total Accounts Payable** 341,604

**Other Current Liabilities**

210150 · Other Current Liabilities 38,750

210152 · DNR Fund - CVEA KEA Portion 300,000

210300 · Reserve Interest Payable 68,367

210400 · Wages Payable 259,167

210500 · Payroll Liabilities

210521 · FICA Payable 7,041

210522 · SUI Tax Payable 1,288

210531 · IBEW H&W Payable 10,670

210540 · 457(b) Payable 2,865

210541 · IBEW Pension Payable 5,664

210550 · IBEW Dues Payable 694

Total 210500 · Payroll Liabilities 28,222

**Total Other Current Liabilities** 694,506

**Total Current Liabilities** 1,036,109

**Long Term Liabilities**

220100 · Series B Bonds 2009 7,160,000

220120 · 2009 Bond Issuance Discount (29,837)

220121 · PERS Unfunded Liability WRG 1,005,501

220130 · Series 2015 Bonds 10,295,000

220131 · 2015 Bond Issuance Premium 903,874

**Total Long Term Liabilities** 19,334,538

**Total Liabilities** 20,370,647

**Net Position**

310000 · Net Position

3100001 · Net Investment Capital Assets 114,097,678

3100002 · Restricted for Debt Service 1,590,694

3100003 · Restricted by External Agreement 948,891

3100004 · Unrestricted 26,020,147

Total 310000 · Net Position 142,657,410

Net Income 2,038,167

**Total Net Position** 144,695,578

**TOTAL LIABILITIES & NET POSITION** 165,066,225

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
**December 2016**

	DEC 2016	Budget	Jul'15-Nov'16	YTD Budget	Annual Budget
<b>Operating Income/Expense</b>					
<b>Operating Income</b>					
<b>410000 · Hydro Facility Revenues</b>					
410100 · Ketchikan Power Purchases	923,225	706,023	3,473,342	2,977,722	5,795,787
410200 · Petersburg Power Purchases	388,851	330,411	1,548,867	1,517,353	2,861,005
410300 · Wrangell Power Purchases	295,943	285,603	1,261,197	1,331,854	2,566,056
412100 · Displaced Power Sales Ketchikan	189,305		189,305		
<b>Total 410000 · Hydro Facility Revenues</b>	<b>1,797,324</b>	<b>1,322,037</b>	<b>6,472,712</b>	<b>5,826,929</b>	<b>11,222,848</b>
<b>Total Operating Income</b>	<b>1,797,324</b>	<b>1,322,037</b>	<b>6,472,712</b>	<b>5,826,929</b>	<b>11,222,848</b>
<b>Operating Expense</b>					
<b>535000 · Hydro Ops-Suprvsn &amp; Engineering</b>					
535100 · Hyd/Ops Sup & Eng - Swan Lake	792	2,125	2,560	12,750	25,500
535150 · Hyd/Ops Sup & Eng - SWL SEAPA	110	110	4,100	4,560	5,220
535250 · Hyd/Ops Sup & Eng -TYL SEAPA	24,181	29,000	34,468	101,500	101,500
535400 · Hyd/Op Sup & Eng - Proj Drawing	-	5,250	5,413	16,750	66,750
<b>Total 535000 · Hydro Ops-Suprvsn &amp; Engineering</b>	<b>25,083</b>	<b>36,485</b>	<b>46,540</b>	<b>135,560</b>	<b>198,970</b>
<b>537000 · Hydraulic Expenses</b>					
537150 · Hydraulic Expense - SWL SEAPA	-	-	-	-	4,000
537250 · Hydraulic Expense - TYL SEAPA	-	-	-	-	4,000
<b>Total 537000 · Hydraulic Expenses</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,000</b>
<b>538000 · Electric Expenses</b>					
538100 · Electric Expense - Swan Lake	6,173	1,400	9,541	8,400	17,000
538150 · Electric Expense - SWL SEAPA	-	2,500	-	15,000	52,500
538200 · Electric Expense - Tye Lake	-	1,700	6,973	10,200	20,500
538250 · Electric Expense - TYL SEAPA	-	2,500	-	15,000	40,000
<b>Total 538000 · Electric Expenses</b>	<b>6,173</b>	<b>8,100</b>	<b>16,514</b>	<b>48,600</b>	<b>130,000</b>
<b>539000 · Misc Power Generation Expense</b>					
539100 · Misc Exp - Swan Lake	11,938	8,500	41,196	53,240	107,740
539150 · Misc Expense - SWL SEAPA	452	3,700	9,306	15,000	22,500
539151 · Misc Expense - SWL Communicatn	1,000	1,700	37,188	10,200	20,600
539200 · Misc Expense - Tye Lake	6,831	7,500	40,157	45,000	90,000
539250 · Misc Expense - TYL SEAPA	100	4,400	20,336	28,000	54,400
539251 · Misc Expense - TYL Communicatn	6,808	9,000	41,393	52,800	105,400
<b>Total 539000 · Misc Power Generation Expense</b>	<b>27,130</b>	<b>34,800</b>	<b>189,576</b>	<b>204,240</b>	<b>400,640</b>
<b>540000 · Rents</b>					
540300 · FERC Land Use Fee - Swan Lake	1,667	1,714	9,561	9,716	20,000
540400 · FERC Land Use Fee - Tye Lake	5,667	5,702	33,671	33,788	68,000
540500 · USDA Land Use Fee - USFS ROW	1,956	1,956	11,734	11,736	24,000
540600 · USDA Land Use Fee - STI	5,990	5,990	35,941	35,940	72,500
540700 · USDA Tye Passive Reflector	108	108	646	648	1,500
540710 · USDA Etolin Burnett Radio	45	46	272	276	600
<b>Total 540000 · Rents</b>	<b>15,432</b>	<b>15,516</b>	<b>91,824</b>	<b>92,104</b>	<b>186,600</b>
<b>541000 · Hydro Power Station Maintenance</b>					
541100 · Maintenance - Swan Lake	3,088	2,250	20,216	13,500	32,000
541150 · Maintenance - SWL SEAPA	-	2,290	775	13,740	27,500
541200 · Maintenance - Tye Lake	1,102	1,790	4,783	10,740	21,500
541250 · Maintenance - TYL SEAPA	-	2,290	1,365	13,740	27,500
<b>Total 541000 · Hydro Power Station Maintenance</b>	<b>4,190</b>	<b>8,620</b>	<b>27,139</b>	<b>51,720</b>	<b>108,500</b>
<b>543000 · Dams, Reservoirs &amp; Waterways</b>					
543100 · Dams Res & Waterwys - Swan Lake	-	300	-	1,800	4,000
543150 · Dams Res & Waterwys - SWL SEAPA	18,059	-	20,524	-	18,000
543200 · Dams Res & Waterwys - Tye Lake	-	-	-	-	6,500
543250 · Dams Res & Waterwys - TYL SEAPA	-	-	19,406	24,000	36,000
<b>Total 543000 · Dams, Reservoirs &amp; Waterways</b>	<b>18,059</b>	<b>300</b>	<b>39,930</b>	<b>25,800</b>	<b>64,500</b>

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
**December 2016**

	DEC 2016	Budget	Jul'15-Nov'16	YTD Budget	Annual Budget
<b>544000 · Maintenance of Electric Plant</b>					
544100 · Maint Electric Plant-Swan Lake	47,627	50,250	306,023	301,500	603,000
<b>5442900 · TYL Plant Wages &amp; Benefits</b>					
5442911 · TYL Plant Wages/PTO	28,697	33,000	186,455	190,000	384,000
5442912 · TYL Plant Wages OT	2,296	2,500	14,231	14,000	30,000
5442920 · TYL Plant Benefit - Taxes	2,955	2,850	16,161	16,900	34,000
5442930 · TYL Plant Benefits - Insurance	7,042	7,050	42,252	42,300	86,000
5442940 · TYL Plant Benefits - Retirement	4,235	4,000	24,690	24,000	49,000
5442992 · TYL Plant Grant-Capital Payroll	-	-	(4,357)	-	-
<b>Total 5442900 · TYL Plant Wages &amp; Benefits</b>	<b>45,225</b>	<b>49,400</b>	<b>279,432</b>	<b>287,200</b>	<b>583,000</b>
<b>Total 544000 · Maintenance of Electric Plant</b>	<b>92,852</b>	<b>99,650</b>	<b>585,455</b>	<b>588,700</b>	<b>1,186,000</b>
<b>545000 · Plant Miscellaneous Maintenance</b>					
545100 · Plant Misc Maint - Swan Lake	4,938	2,000	9,702	15,250	31,500
545150 · Plant Misc Maint - SWL SEAPA	-	-	-	-	-
545200 · Plant Misc Maint - Tye Lake	56	1,500	10,438	10,500	20,500
<b>Total 545000 · Plant Miscellaneous Maintenance</b>	<b>4,994</b>	<b>3,500</b>	<b>20,140</b>	<b>25,750</b>	<b>52,000</b>
<b>561000 · Control System Maintenance</b>					
561150 · Control System Maint. - SWL	1,477	4,000	4,418	15,800	45,500
561250 · Control System Maint. - TYL	1,477	4,000	4,490	15,800	45,500
<b>Total 561000 · Control System Maintenance</b>	<b>2,954</b>	<b>8,000</b>	<b>8,908</b>	<b>31,600</b>	<b>91,000</b>
<b>562000 · Trans/Operations Station Exp</b>					
562100 · Trans/Ops Station - Swan Lake	-	1,250	-	7,500	15,000
562200 · Trans/Ops Station - Tye Lake	284	1,000	3,501	6,100	12,200
562250 · Trans/Ops Station-TYL SEAPA	1,488	1,850	26,654	59,100	135,200
<b>Total 562000 · Trans/Operations Station Exp</b>	<b>1,773</b>	<b>4,100</b>	<b>30,154</b>	<b>72,700</b>	<b>162,400</b>
<b>564000 · Trans/Submarine Cable Expense</b>					
564200 · Trans/Sub Cable Exp - Tye Lake	887	-	2,559	-	-
<b>Total 564000 · Trans/Submarine Cable Expense</b>	<b>887</b>	<b>-</b>	<b>2,559</b>	<b>-</b>	<b>-</b>
<b>571000 · Trans/Maint Overhead Lines(OHL)</b>					
571100 · Trans/Maint OHL - Swan Lake	-	2,000	2,200	12,000	24,000
571150 · Trans/Maint OHL - SWL SEAPA	-	-	22,144	23,000	128,000
571151 · Trans/Maint OHL - SWL ROW Clear	-	-	-	56,000	112,000
571200 · Trans/Maint OHL - Tye Lake	2,460	3,600	24,929	21,650	43,250
571250 · Trans/Maint OHL - TYL SEAPA	570	2,000	6,009	12,000	241,000
<b>5712900 · TYL Brushing Wages &amp; Benefits</b>					
5712911 · TYL Brushing Wages/PTO	7,160	12,500	82,102	76,000	151,000
5712912 · TYL Brushing Wages OT	-	500	16,645	7,000	13,000
5712920 · TYL Brushing Benefit - Taxes	609	1,100	8,120	6,600	13,200
5712930 · TYL Brushing Benefit- Insurance	3,521	3,400	28,168	20,400	41,100
5712940 · TYL Brushing Benefit- Retirement	1,429	1,050	15,917	6,400	12,700
5712992 · TYL Brush Grant-Capital Payroll	-	-	(51,918)	-	-
<b>Total 5712900 · TYL Brushing Wages &amp; Benefits</b>	<b>12,719</b>	<b>18,550</b>	<b>99,034</b>	<b>116,400</b>	<b>231,000</b>
571300 · Trans/Maint OHL STI Maintenance	-	-	350	50,000	176,500
571700 · Trans/Maint OH STI Clearing	-	20,000	7,754	50,000	150,000
571800 · Trans/Maint OHL System Events	-	5,000	-	26,000	50,000
<b>Total 571000 · Trans/Maint Overhead Lines(OHL)</b>	<b>15,749</b>	<b>51,150</b>	<b>162,420</b>	<b>367,050</b>	<b>1,155,750</b>

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
**December 2016**

	DEC 2016	Budget	Jul'15-Nov'16	YTD Budget	Annual Budget
<b>920000 · Admin Wages &amp; Benefits</b>					
9201911 · Admin Wages/PTO	124,447	125,000	503,847	497,000	886,000
9201912 · Admin Wages - Overtime	85	200	372	1,800	3,000
9201920 · Admin Benefit - Taxes	7,430	7,450	27,722	33,250	61,500
9201930 · Admin Benefit - H&W Insurance	18,149	18,150	108,895	108,900	226,000
9201940 · Admin Benefit - Retirement	27,201	28,250	162,384	162,000	321,000
9201992 · Admin Grant Payroll	-	-	(232)	-	-
<b>Total 920000 · Admin Wages &amp; Benefits</b>	<b>177,311</b>	<b>179,050</b>	<b>802,988</b>	<b>802,950</b>	<b>1,497,500</b>
<b>921000 · Office Expenses</b>					
921100 · Office Supplies	1,772	1,250	8,725	7,500	15,000
921200 · Office Equipment	255	1,250	2,935	7,500	15,000
921300 · Phone, Courier, Internet	6,991	7,600	42,745	45,400	91,000
921400 · System Network / IT Support	8,198	4,400	22,787	26,400	53,000
921600 · Vehicle Expenses	143	500	2,968	2,200	4,000
<b>Total 921000 · Office Expenses</b>	<b>17,360</b>	<b>15,000</b>	<b>80,160</b>	<b>89,000</b>	<b>178,000</b>
<b>922000 · Legislative Affairs</b>	<b>4,000</b>	<b>4,000</b>	<b>24,000</b>	<b>26,000</b>	<b>60,000</b>
<b>923000 · Contract Services</b>					
923200 · Annual Financial Audit	-	31,000	23,625	31,000	35,000
923300 · Bank & Trustee Fees	256	250	1,684	1,625	11,600
923400 · Insurance Consultant	-	700	5,558	4,200	8,500
923500 · Investment Consultant	1,661	2,000	9,987	12,000	24,500
923600 · Legal Fees	12,616	15,000	66,007	90,000	180,000
923700 · Recruitment	1,444	1,800	2,718	10,800	22,000
923800 · Other Professional Services	2,540	7,500	15,417	45,000	90,000
<b>Total 923000 · Contract Services</b>	<b>18,518</b>	<b>58,250</b>	<b>124,995</b>	<b>194,625</b>	<b>371,600</b>
<b>924000 · Insurance</b>	<b>38,279</b>	<b>44,000</b>	<b>238,609</b>	<b>261,850</b>	<b>525,850</b>
<b>926000 · Retiree Benefits</b>					
926250 · Retiree Benefits TYL-PERS	-	-	-	-	40,000
<b>Total 926000 · Retiree Benefits</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>40,000</b>
<b>928000 · Regulatory Commission Expense</b>					
928001 · Other Regulatory Expense	5,831	400	15,774	2,250	4,650
928150 · FERC SWL Admin Fees	2,917	3,700	17,144	19,500	42,000
928151 · FERC SWL Other Expenses	440	8,500	1,480	51,000	102,000
928250 · FERC TYL Admin Fees	2,667	3,450	15,649	18,000	39,000
928251 · FERC TYL Other Expenses	-	150	-	900	2,300
<b>Total 928000 · Regulatory Commission Expense</b>	<b>11,854</b>	<b>16,200</b>	<b>50,046</b>	<b>91,650</b>	<b>189,950</b>
<b>930000 · General Expenses</b>					
930100 · Advertising Expense	359	700	711	2,200	4,000
930110 · Public Relations	3,825	3,500	17,273	21,000	42,500
930111 · PR - SEAPA History Project	-	1,250	4,233	7,500	15,000
930300 · Association Dues Expense	558	400	21,195	1,850	32,750
930310 · Professional Assn Dues	-	-	394	400	750
930400 · Board Meeting Expenses	5,986	5,000	18,672	16,000	35,000
930500 · Training Expense	-	2,000	8,564	11,000	25,500
930600 · Travel Expense	1,670	3,600	23,143	21,500	43,000
930700 · Non-Travel Incidental	1,483	300	(23,755)	1,900	4,000
<b>Total 930000 · General Expenses</b>	<b>13,882</b>	<b>16,750</b>	<b>70,430</b>	<b>83,350</b>	<b>202,500</b>
<b>931000 · Admin Rent</b>					
931010 · Office Rent	4,868	5,000	28,537	30,000	60,360
931100 · Apartment Rent - Ketchikan	1,769	1,875	10,614	11,250	22,500
<b>Total 931000 · Admin Rent</b>	<b>6,637</b>	<b>6,875</b>	<b>39,152</b>	<b>41,250</b>	<b>82,860</b>
<b>Total Operating Expense</b>	<b>503,116</b>	<b>610,346</b>	<b>2,651,539</b>	<b>3,234,499</b>	<b>6,892,620</b>
<b>Net Operating Income</b>	<b>1,294,207</b>	<b>711,691</b>	<b>3,821,173</b>	<b>2,592,430</b>	<b>4,330,228</b>

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
**December 2016**

	DEC 2016	Budget	Jul'15-Nov'16	YTD Budget	Annual Budget
<b>Nonoperating Income/Expense</b>					
<b>Nonoperating Income</b>					
<b>941000 · Grant Income</b>	22,692		799,122		
<b>942000 · Interest Income</b>					
942100 · Misc Interest Income	689		4,799		
942200 · Investment Interest Income	6,735		39,650		
<b>Total 942000 · Interest Income</b>	7,424		44,449		
<b>944000 · Realized Gain/Loss</b>					
944200 · Realized Gain/Loss on Invest	(1,152)		9,195		
<b>Total 944000 · Realized Gain/Loss</b>	(1,152)		9,195		
<b>945000 · Unrealized Gain/Loss</b>					
945200 · Unrealized Gain/Loss Investment	1,827		(81,844)		
<b>Total 945000 · Unrealized Gain/Loss</b>	1,827		(81,844)		
<b>Total Nonoperating Income</b>	30,792		770,923		
<b>Nonoperating Expense</b>					
<b>950001 · Misc Nonoperating Expense</b>	(6,239)		(6,239)		
<b>952000 · Bond Interest 2009 Series</b>	29,642		177,853		
<b>952001 · Bond Interest 2015 Series</b>	36,052		216,310		
<b>953000 · Depreciation Expense</b>	367,024		2,161,447		
<b>954000 · Grant Expenses</b>					
954001 · Grant Construction	-		173,486		
954002 · Grant Contractual	2,108		68,013		
954003 · Grant Equipment	-		582,192		
954004 · Grant Labor & Benefits	-		232		
954006 · Grant Materials & Supplies	-		-		
<b>Total 954000 · Grant Expenses</b>	2,108		823,922		
<b>954100 · Contributed Capital</b>	-		(796,674)		
<b>Total Nonoperating Expense</b>	428,588		2,576,620		
<b>Net Nonoperating Income</b>	(397,796)		(1,805,697)		
<b>Net Income</b>	896,411	711,691	2,015,475	2,592,430	4,330,228



## NOVEMBER 2016 FINANCIAL OVERVIEW

The following tables provide a snapshot of SEAPA's revenues and expenses for NOVEMBER, 2016.

NOVEMBER, 2016 revenues from kWh sales were over budget:

FIRM kWh SALES	NOVEMBER Actual	NOVEMBER Budget	Prior Year Actual
Ketchikan	\$618,635	\$601,305	\$553,259
Petersburg	\$276,046	\$266,568	\$264,355
Wrangell	\$221,399	\$223,526	\$246,350
<b>Total Revenue</b>	<b>\$1,116,080</b>	<b>\$1,091,399</b>	<b>\$1,063,964</b>

Year-to-date revenues (JUL - NOV) from kWh sales are over budget:

FIRM kWh SALES	YTD Actual	YTD Budget	Prior Yr Actual
Ketchikan	\$2,550,118	\$2,271,699	\$2,266,985
Petersburg	\$1,160,017	\$1,186,942	\$1,175,561
Wrangell	\$965,254	\$1,046,251	\$1,036,190
<b>Total Revenue</b>	<b>\$4,675,388</b>	<b>\$4,504,892</b>	<b>\$4,478,735</b>

kWh SALES (3 years)	FISCAL YEAR	NOVEMBER	YTD JUL-NOV
	2017	16,412,945	68,755,706
	2016	15,646,536	65,863,757
	2015	14,284,110	63,062,130

Administrative and operating expenses were under budget for NOVEMBER.

Administrative & Operating Expenses	NOVEMBER Actual	NOVEMBER Budget	Prior Yr Actual
	\$432,803	\$575,272	\$370,347
	YTD Actual	YTD Budget	Prior YTD Actual
	\$2,148,423	\$2,624,153	\$2,292,447

**AGENCY FUNDS**

Operations, Capital and Insurance Funds

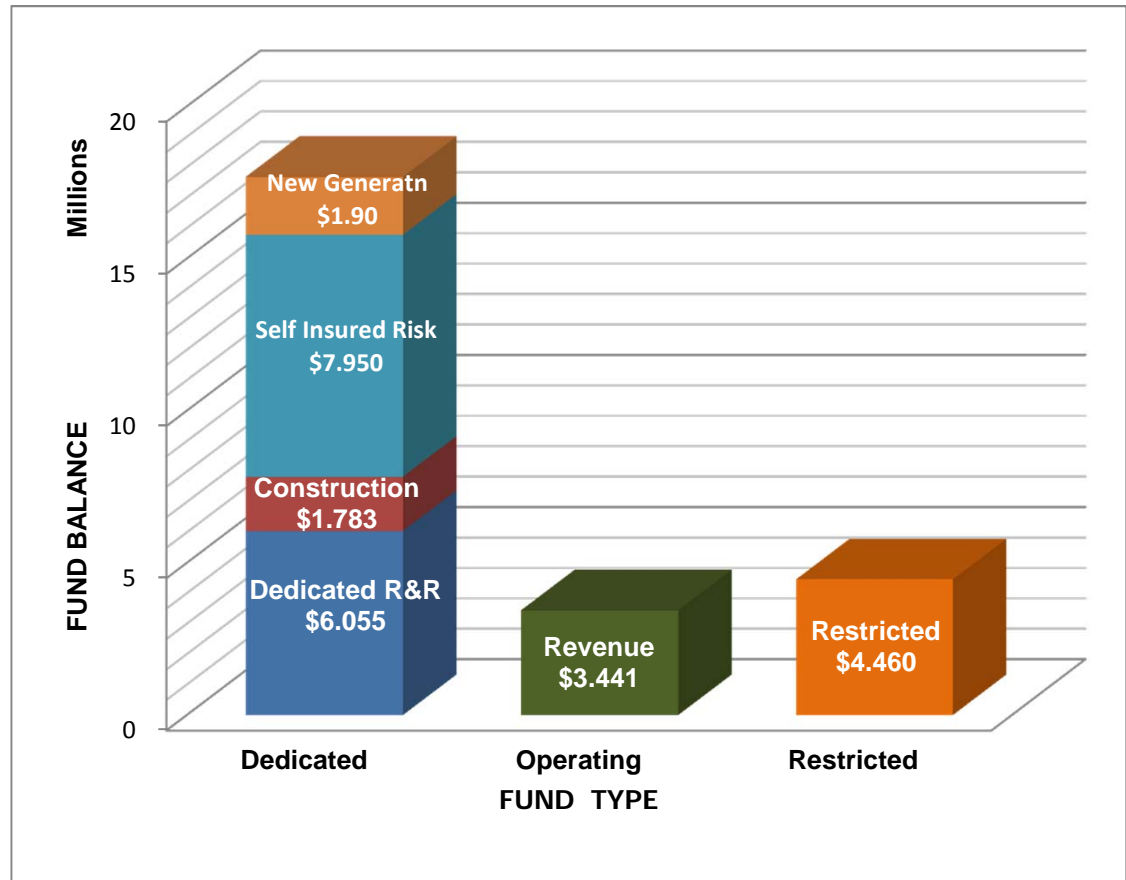
Revenue Fund FB	\$ 3,416,868
Required R&R Fund FB	1,000,306
Dedicated R&R Projects Fund FB	6,054,694
Construction Fund FB	1,782,618
Commercial FB	24,424
New Generation Fund	1,898,170
Self Insured Risk Fund FNBA	7,950,066
<b>Total Operations, Capital and Insurance Funds</b>	<b>22,127,145</b>

Trustee Funds

2009 Bond Interest	\$ 194,258
2009 Bond Principal	449,176
2009 Bond Reserve	1,410,275
2015 Bond Interest	243,844
2015 Bond Reserve	212,823
<b>Total Trustee Funds</b>	<b>2,510,376</b>

Other Restricted Funds

STI - USFS CD WF	\$ 21,624
DNR Reclamation Fund WF	927,269
<b>Total Other Restricted Funds</b>	<b>948,892</b>
<b>Total Agency Funds</b>	<b>\$ 25,586,414</b>



Dedicated Funds

- New Generation = Project feasibility funding (hydro, wind, geothermal)
- Self-Insured Risk = Coverage for uninsured transmission lines, submarine cables and insurance deductibles.
- Construction Fund = 2015 bond proceeds dedicated to Swan Lake Reservoir Expansion project.
- 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**  
**Summary Financial Position - Prior Year Comparison**  
**as of November 30, 2016**

	NOV 30, 2016	NOV 30, 2015
<b>ASSETS</b>		
<b>Current Assets</b>		
<b>Agency Funds</b>		
111000 · Ops/Capital/Insurance Funds	22,127,145	26,995,151
112000 · Trustee Funds	2,510,376	2,548,441
113000 · Other Restricted Funds	948,892	873,887
<b>Total Agency Funds</b>	<b>25,586,414</b>	<b>30,417,478</b>
<b>Accounts Receivable</b>		
110000 · Accounts Receivable	1,541,982	1,496,634
110010 · Unbilled Displaced Sales	326,905	235,420
110100 · Grants Receivable	-	96,495
<b>Total Accounts Receivable</b>	<b>1,868,887</b>	<b>1,828,549</b>
<b>Other Current Assets</b>		
120200 · Other Receivables	4,606	4,606
120300 · Accrued Interest Receivable	24,057	41,083
120500 · Prepaid Fees	413,661	375,621
120700 · Inventory Assets	1,001,642	952,952
<b>Total Other Current Assets</b>	<b>1,443,966</b>	<b>1,374,262</b>
<b>Total Current Assets</b>	<b>28,899,266</b>	<b>33,620,290</b>
<b>Fixed Assets</b>		
130100 · Capital Assets	162,102,073	156,307,967
132200 · R&R Projects WIP Capital Improv	12,215,855	6,739,515
132900 · Accumulated Depreciation	(37,661,985)	(33,445,370)
<b>Total Fixed Assets</b>	<b>136,655,942</b>	<b>129,602,112</b>
<b>Other Assets</b>		
183000 · Deferred Assets	387,423	477,360
<b>Total Other Assets</b>	<b>387,423</b>	<b>477,360</b>
<b>TOTAL ASSETS</b>	<b>165,942,631</b>	<b>163,699,762</b>
<b>LIABILITIES &amp; EQUITY</b>		
<b>Liabilities</b>		
<b>Current Liabilities</b>		
<b>Accounts Payable</b>		
210100 · Accounts Payable General	1,013,227	482,424
<b>Total Accounts Payable</b>	<b>1,013,227</b>	<b>482,424</b>
<b>Other Current Liabilities</b>		
210150 · Other Current Liabilities	25,833	23,284
210151 · Member Utility Rebate Payable	800,000	1,500,000
210152 · DNR Fund - CVEA KEA Portion	300,000	262,500
210300 · Reserve Interest Payable	410,323	447,683
210400 · Wages Payable	54,862	168,222
210401 · PTO Payable	177,077	-
210500 · Payroll Liabilities	23,351	9,233
<b>Total Other Current Liabilities</b>	<b>1,791,446</b>	<b>2,410,922</b>
<b>Total Current Liabilities</b>	<b>2,804,674</b>	<b>2,893,345</b>
<b>Long Term Liabilities</b>		
220100 · Series B Bonds 2009	7,160,000	7,905,000
220120 · 2009 Bond Issuance Discount	(30,172)	(34,378)
220121 · PERS Unfunded Liability WRG	1,005,501	488,768
220130 · Series 2015 Bonds	10,295,000	10,295,000
220131 · 2015 Bond Issuance Premium	908,462	966,023
<b>Total Long Term Liabilities</b>	<b>19,338,791</b>	<b>19,620,413</b>
<b>Total Liabilities</b>	<b>22,143,465</b>	<b>22,513,759</b>
<b>Net Position</b>		
310000 · Net Position	142,657,410	140,879,386
Net Income	1,141,756	306,617
<b>Total Net Position</b>	<b>143,799,166</b>	<b>141,186,003</b>
<b>TOTAL LIABILITIES &amp; NET POSITION</b>	<b>165,942,631</b>	<b>163,699,762</b>

**SOUTHEAST ALASKA POWER AGENCY**  
**Summary Activities - Prior Year Comparison**  
**November 2016**

	NOV 2016	NOV 2015
<b>Operating Income/Expense</b>		
<b>Operating Income</b>		
410000 · Hydro Facility Revenues	1,116,080	1,063,964
<b>Total Operating Income</b>	1,116,080	1,063,964
<b>Operating Expense</b>		
535000 · Hydro Ops-Suprvsn & Engineering	3,034	2,776
538000 · Electric Expenses	1,743	1,119
539000 · Misc Power Generation Expense	19,893	28,991
540000 · Rents	15,432	11,214
541000 · Hydro Power Station Maintenance	6,017	657
543000 · Dams, Reservoirs & Waterways	4,871	-
544000 · Maintenance of Electric Plant	100,379	90,956
545000 · Plant Miscellaneous Maintenance	2,259	6,159
561000 · Control System Maintenance	2,428	12,043
562000 · Trans/Operations Station Exp	1,245	4,179
571000 · Trans/Maint Overhead Lines(OHL)	20,807	19,580
920000 · Admin Wages & Benefits	116,995	109,210
921000 · Office Expenses	11,333	7,949
922000 · Legislative Affairs	4,000	4,000
923000 · Contract Services	44,316	11,751
924000 · Insurance	38,279	39,572
928000 · Regulatory Commission Expense	5,583	7,103
930000 · General Expenses	27,818	6,223
931000 · Admin Rent	6,370	6,866
<b>Total Operating Expense</b>	432,803	370,347
<b>Net Operating Income</b>	683,277	693,617
<b>Non-Operating Income/Expense</b>		
<b>Non-Operating Income</b>		
941000 · Grant Income	-	4,857
942000 · Interest Income	4,747	7,983
944000 · Realized Gain/Loss	1,399	-
945000 · Unrealized Gain/Loss	(37,784)	(22,388)
946000 · Misc Nonoperating Income	-	(1,703)
<b>Total Non-Operating Income</b>	(31,639)	(11,251)
<b>Non-Operating Expense</b>		
952000 · Bond Interest 2009 Series	29,642	32,787
952001 · Bond Interest 2015 Series	36,048	40,029
953000 · Depreciation Expense	358,885	339,212
954000 · Grant Expenses	155	24,766
954100 · Contributed Capital	(1,796)	(9,238)
<b>Total Non-Operating Expense</b>	422,934	427,555
<b>Net Non-Operating Income</b>	(454,572)	(438,806)
<b>Net Change in Financial Position</b>	<b>228,705</b>	<b>254,812</b>

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Financial Position - Detail**  
**as of November 30, 2016**

	Nov 30, 16
<b>ASSETS</b>	
<b>Current Assets</b>	
<b>Agency Funds</b>	
<b>111000 · Ops/Capital/Insurance Funds</b>	
111100 · Revenue Fund FB	3,416,868
111200 · Required R&R Fund FB	1,000,306
111210 · Dedicated R&R Projects Fund FB	6,054,694
111211 · Construction Fund FB	1,782,618
111300 · Commercial FB	24,424
111401 · New Generation Fund	1,898,170
111500 · Self Insured Risk Fund FNBA	7,950,066
<b>Total 111000 · Ops/Capital/Insurance Funds</b>	22,127,145
<b>112000 · Trustee Funds</b>	
112100 · WF Trust 2009 Bond Interest	194,258
112200 · WF Trust 2009 Bond Principal	449,176
112300 · WF Trust 2009 Bond Reserve	1,410,275
112501 · WF Trust 2015 Bond Interest	243,844
112503 · WF Trust 2015 Bond Reserve	212,823
<b>Total 112000 · Trustee Funds</b>	2,510,376
<b>113000 · Other Restricted Funds</b>	
113100 · STI - USFS CD WF	21,624
113500 · DNR Reclamation Fund WF	927,269
<b>Total 113000 · Other Restricted Funds</b>	948,892
<b>Total Agency Funds</b>	25,586,414
<b>Accounts Receivable</b>	
110000 · Accounts Receivable	1,541,982
110010 · Unbilled Displaced Sales	326,905
<b>Total Accounts Receivable</b>	1,868,887
<b>Other Current Assets</b>	
<b>120200 · Other Receivables</b>	4,606
<b>120300 · Accrued Interest Receivable</b>	24,057
<b>120500 · Prepaid Fees</b>	
120520 · Prepaid Insurance	368,771
120530 · Prepaid Operating Expense	12,140
120540 · Prepaid USDA FS Land Use Fees	8,099
120550 · Prepaid Admin Benefits	24,651
<b>Total 120500 · Prepaid Fees</b>	413,661
<b>120700 · Inventory Assets</b>	
120702 · Inventory - Marker Balls	111,237
1328101 · Inventory-SWL Winding Replacmnt	890,405
<b>Total 120700 · Inventory Assets</b>	1,001,642
<b>Total 120000 - Other Current Assets</b>	1,443,966
<b>Total Current Assets</b>	28,899,266

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Financial Position - Detail**  
**as of November 30, 2016**

	Nov 30, 16
<b>Fixed Assets</b>	
<b>130100 · Capital Assets</b>	
130110 · Swan Lake	17,697,748
130120 · Tyee Lake	29,329,001
130130 · SEAPA Office	800,871
132100 · Swan Tyee Intertie in Operation	114,274,453
<b>Total 130100 · Capital Assets</b>	162,102,073
<b>132200 · R&amp;R Projects WIP Capital Improv</b>	
<b>132210 · R&amp;R Projects - WIP Swan Lake</b>	
1322100 · R&R WIP SWL- Reservoir Increase	
1322101 · WIP SWL Agency Permits/Environm	1,001,207
1322102 · WIP SWL Construction	5,512,522
1322103 · WIP SWL Equipment	1,120,505
1322104 · WIP SWL Engineering/Design	1,640,255
1322105 · WIP SWL Legal	68,312
1322106 · WIP SWL Project Mgmt/Professnal	383,953
<b>Total 1322100 · R&amp;R WIP SWL- Reservoir Increase</b>	9,726,754
132210 · R&R Projects - WIP Swan Lake - Other	925,604
<b>Total 132210 · R&amp;R Projects - WIP Swan Lake</b>	10,652,357
132220 · R&R Projects - WIP Tyee Lake	958,064
132230 · R&R Projects - WIP STI-Transmsn	605,434
<b>Total 132200 · R&amp;R Projects WIP Capital Improv</b>	12,215,855
<b>132900 · Accumulated Depreciation</b>	(37,661,985)
<b>Total 130000 - Fixed Assets</b>	136,655,942
<b>Other Assets</b>	
183000 · Deferred Assets	
183001 · Long Term Receivable	242,499
183003 · 2009 Bond - Refunded Discount	140,080
183300 · Meterological Tower	4,844
Total 183000 · Deferred Assets	387,423
<b>Total Other Assets</b>	387,423
<b>TOTAL ASSETS</b>	<b>165,942,631</b>

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Financial Position - Detail**  
**as of November 30, 2016**

	Nov 30, 16
<b>LIABILITIES &amp; EQUITY</b>	
<b>Liabilities</b>	
<b>Current Liabilities</b>	
<b>Accounts Payable</b>	
210100 · Accounts Payable General	1,013,227
<b>Total Accounts Payable</b>	1,013,227
<b>Other Current Liabilities</b>	
210150 · Other Current Liabilities	25,833
210151 · Member Utility Rebate Payable	800,000
210152 · DNR Fund - CVEA KEA Portion	300,000
210300 · Reserve Interest Payable	410,323
210400 · Wages Payable	54,862
210401 · PTO Payable	177,077
210500 · Payroll Liabilities	
210521 · FICA Payable	2,918
210522 · SUI Tax Payable	354
210531 · IBEW H&W Payable	10,670
210540 · 457(b) Payable	2,267
210541 · IBEW Pension Payable	6,330
210550 · IBEW Dues Payable	813
Total 210500 · Payroll Liabilities	23,351
<b>Total Other Current Liabilities</b>	1,791,446
<b>Total Current Liabilities</b>	2,804,674
<b>Long Term Liabilities</b>	
220100 · Series B Bonds 2009	7,160,000
220120 · 2009 Bond Issuance Discount	(30,172)
220121 · PERS Unfunded Liability WRG	1,005,501
220130 · Series 2015 Bonds	10,295,000
220131 · 2015 Bond Issuance Premium	908,462
<b>Total Long Term Liabilities</b>	19,338,791
<b>Total Liabilities</b>	22,143,465
<b>Net Position</b>	
310000 · Net Position	
3100001 · Net Investment Capital Assets	114,097,678
3100002 · Restricted for Debt Service	1,590,694
3100003 · Restricted by External Agreement	948,891
3100004 · Unrestricted	26,020,147
Total 310000 · Net Position	142,657,410
Net Income	1,141,756
<b>Total Net Position</b>	143,799,166
<b>TOTAL LIABILITIES &amp; NET POSITION</b>	<b>165,942,631</b>

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
**November 2016**

	NOV 2016	Budget	Jul'15-Nov'16	YTD Budget	Annual Budget
<b>Operating Income/Expense</b>					
<b>Operating Income</b>					
<b>410000 · Hydro Facility Revenues</b>					
410100 · Ketchikan Power Purchases	618,635	601,305	2,550,118	2,271,699	5,795,787
410200 · Petersburg Power Purchases	276,046	266,568	1,160,017	1,186,942	2,861,005
410300 · Wrangell Power Purchases	221,399	223,526	965,254	1,046,251	2,566,056
<b>Total 410000 · Hydro Facility Revenues</b>	<b>1,116,080</b>	<b>1,091,399</b>	<b>4,675,388</b>	<b>4,504,892</b>	<b>11,222,848</b>
<b>Total Operating Income</b>	<b>1,116,080</b>	<b>1,091,399</b>	<b>4,675,388</b>	<b>4,504,892</b>	<b>11,222,848</b>
<b>Operating Expense</b>					
<b>535000 · Hydro Ops-Suprvsn &amp; Engineering</b>					
535100 · Hyd/Ops Sup & Eng - Swan Lake	313	2,125	1,768	10,625	25,500
535150 · Hyd/Ops Sup & Eng - SWL SEAPA	1,416	110	3,990	4,450	5,220
535250 · Hyd/Ops Sup & Eng -TYL SEAPA	1,306	30,000	10,287	72,500	101,500
535400 · Hyd/Op Sup & Eng - Proj Drawing	-	5,000	5,413	11,500	66,750
<b>Total 535000 · Hydro Ops-Suprvsn &amp; Engineering</b>	<b>3,034</b>	<b>37,235</b>	<b>21,457</b>	<b>99,075</b>	<b>198,970</b>
<b>537000 · Hydraulic Expenses</b>					
537150 · Hydraulic Expense - SWL SEAPA	-	-	-	-	4,000
537250 · Hydraulic Expense - TYL SEAPA	-	-	-	-	4,000
<b>Total 537000 · Hydraulic Expenses</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,000</b>
<b>538000 · Electric Expenses</b>					
538100 · Electric Expense - Swan Lake	647	1,400	3,368	7,000	17,000
538150 · Electric Expense - SWL SEAPA	-	2,500	-	12,500	52,500
538200 · Electric Expense - Tye Lake	1,095	1,700	6,973	8,500	20,500
538250 · Electric Expense - TYL SEAPA	-	2,500	-	12,500	40,000
<b>Total 538000 · Electric Expenses</b>	<b>1,743</b>	<b>8,100</b>	<b>10,341</b>	<b>40,500</b>	<b>130,000</b>
<b>539000 · Misc Power Generation Expense</b>					
539100 · Misc Exp - Swan Lake	6,996	8,500	29,257	44,740	107,740
539150 · Misc Expense - SWL SEAPA	880	3,700	8,854	11,300	22,500
539151 · Misc Expense - SWL Communicatn	1,000	1,700	36,188	8,500	20,600
539200 · Misc Expense - Tye Lake	4,083	7,500	33,326	37,500	90,000
539250 · Misc Expense - TYL SEAPA	100	6,000	20,236	23,600	54,400
539251 · Misc Expense - TYL Communicatn	6,833	9,000	34,585	43,800	105,400
<b>Total 539000 · Misc Power Generation Expense</b>	<b>19,893</b>	<b>36,400</b>	<b>162,446</b>	<b>169,440</b>	<b>400,640</b>
<b>540000 · Rents</b>					
540300 · FERC Land Use Fee - Swan Lake	1,667	1,714	7,894	8,002	20,000
540400 · FERC Land Use Fee - Tye Lake	5,667	5,703	28,004	28,086	68,000
540500 · USDA Land Use Fee - USFS ROW	1,956	1,956	9,779	9,780	24,000
540600 · USDA Land Use Fee - STI	5,990	5,990	29,951	29,950	72,500
540700 · USDA Tye Passive Reflector	108	108	538	540	1,500
540710 · USDA EtoLin Burnett Radio	45	46	227	230	600
<b>Total 540000 · Rents</b>	<b>15,432</b>	<b>15,517</b>	<b>76,392</b>	<b>76,588</b>	<b>186,600</b>
<b>541000 · Hydro Power Station Maintenance</b>					
541100 · Maintenance - Swan Lake	5,982	2,250	17,127	11,250	32,000
541150 · Maintenance - SWL SEAPA	-	2,290	775	11,450	27,500
541200 · Maintenance - Tye Lake	35	1,790	3,681	8,950	21,500
541250 · Maintenance - TYL SEAPA	-	2,290	1,365	11,450	27,500
<b>Total 541000 · Hydro Power Station Maintenance</b>	<b>6,017</b>	<b>8,620</b>	<b>22,949</b>	<b>43,100</b>	<b>108,500</b>
<b>543000 · Dams, Reservoirs &amp; Waterways</b>					
543100 · Dams Res & Waterwys - Swan Lake	-	300	-	1,500	4,000
543150 · Dams Res & Waterwys - SWL SEAPA	2,465	-	2,465	-	18,000
543200 · Dams Res & Waterwys - Tye Lake	-	-	-	-	6,500
543250 · Dams Res & Waterwys - TYL SEAPA	2,406	-	19,406	24,000	36,000
<b>543300 · Dams Res &amp; Wtrwys - Dam Surveys</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total 543000 · Dams, Reservoirs &amp; Waterways</b>	<b>4,871</b>	<b>300</b>	<b>21,871</b>	<b>25,500</b>	<b>64,500</b>

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
**November 2016**

	NOV 2016	Budget	Jul'15-Nov'16	YTD Budget	Annual Budget
<b>544000 · Maintenance of Electric Plant</b>					
544100 · Maint Electric Plant-Swan Lake	51,098	50,250	258,396	251,250	603,000
<b>5442900 · TYL Plant Wages &amp; Benefits</b>					
5442911 · TYL Plant Wages/PTO	31,570	30,000	157,758	157,000	384,000
5442912 · TYL Plant Wages OT	3,413	2,500	11,935	11,500	30,000
5442920 · TYL Plant Benefit - Taxes	2,862	2,850	13,206	14,050	34,000
5442930 · TYL Plant Benefits - Insurance	7,042	7,050	35,210	35,250	86,000
5442940 · TYL Plant Benefits - Retirement	4,395	4,000	20,455	20,000	49,000
5442992 · TYL Plant Grant-Capital Payroll	-	-	(4,357)	-	-
<b>Total 5442900 · TYL Plant Wages &amp; Benefits</b>	<b>49,281</b>	<b>46,400</b>	<b>234,207</b>	<b>237,800</b>	<b>583,000</b>
<b>Total 544000 · Maintenance of Electric Plant</b>	<b>100,379</b>	<b>96,650</b>	<b>492,603</b>	<b>489,050</b>	<b>1,186,000</b>
<b>545000 · Plant Miscellaneous Maintenance</b>					
545100 · Plant Misc Maint - Swan Lake	-	2,000	4,764	13,250	31,500
545150 · Plant Misc Maint - SWL SEAPA	-	-	-	-	-
545200 · Plant Misc Maint - Tye Lake	2,259	1,500	10,382	9,000	20,500
<b>Total 545000 · Plant Miscellaneous Maintenance</b>	<b>2,259</b>	<b>3,500</b>	<b>15,146</b>	<b>22,250</b>	<b>52,000</b>
<b>561000 · Control System Maintenance</b>					
561150 · Control System Maint. - SWL	1,214	4,000	2,941	11,800	45,500
561250 · Control System Maint. - TYL	1,214	4,000	3,013	11,800	45,500
<b>Total 561000 · Control System Maintenance</b>	<b>2,428</b>	<b>8,000</b>	<b>5,954</b>	<b>23,600</b>	<b>91,000</b>
<b>562000 · Trans/Operations Station Exp</b>					
562100 · Trans/Ops Station - Swan Lake	-	1,250	-	6,250	15,000
562200 · Trans/Ops Station - Tye Lake	-	1,000	3,216	5,100	12,200
562250 · Trans/Ops Station-TYL SEAPA	1,245	1,850	25,165	57,250	135,200
<b>Total 562000 · Trans/Operations Station Exp</b>	<b>1,245</b>	<b>4,100</b>	<b>28,382</b>	<b>68,600</b>	<b>162,400</b>
<b>564000 · Trans/Submarine Cable Expense</b>					
564200 · Trans/Sub Cable Exp - Tye Lake	-	-	1,672	-	-
<b>Total 564000 · Trans/Submarine Cable Expense</b>	<b>-</b>	<b>-</b>	<b>1,672</b>	<b>-</b>	<b>-</b>
<b>571000 · Trans/Maint Overhead Lines(OHL)</b>					
571100 · Trans/Maint OHL - Swan Lake	2,200	2,000	2,200	10,000	24,000
571150 · Trans/Maint OHL - SWL SEAPA	-	-	22,144	23,000	128,000
571151 · Trans/Maint OHL - SWL ROW Clear	-	56,000	-	56,000	112,000
571200 · Trans/Maint OHL - Tye Lake	1,243	3,050	22,469	18,050	43,250
571250 · Trans/Maint OHL - TYL SEAPA	-	2,000	5,439	10,000	241,000
<b>5712900 · TYL Brushing Wages &amp; Benefits</b>					
5712911 · TYL Brushing Wages/PTO	10,706	12,500	74,942	63,500	151,000
5712912 · TYL Brushing Wages OT	-	500	16,645	6,500	13,000
5712920 · TYL Brushing Benefit - Taxes	852	1,100	7,511	5,500	13,200
5712930 · TYL Brushing Benefit- Insurance	3,521	3,400	24,647	17,000	41,100
5712940 · TYL Brushing Benefit- Retirement	1,935	1,050	14,489	5,350	12,700
5712992 · TYL Brush Grant-Capital Payroll	-	-	(51,918)	-	-
<b>Total 5712900 · TYL Brushing Wages &amp; Benefits</b>	<b>17,014</b>	<b>18,550</b>	<b>86,315</b>	<b>97,850</b>	<b>231,000</b>
571300 · Trans/Maint OHL STI Maintenance	350	-	350	50,000	176,500
571700 · Trans/Maint OH STI Clearing	-	20,000	7,754	30,000	150,000
571800 · Trans/Maint OHL System Events	-	5,000	-	21,000	50,000
<b>Total 571000 · Trans/Maint Overhead Lines(OHL)</b>	<b>20,807</b>	<b>106,600</b>	<b>146,671</b>	<b>315,900</b>	<b>1,155,750</b>



**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
**November 2016**

	NOV 2016	Budget	Jul'15-Nov'16	YTD Budget	Annual Budget
<b>920000 · Admin Wages &amp; Benefits</b>					
9201911 · Admin Wages/PTO	69,062	74,000	379,400	372,000	886,000
9201912 · Admin Wages - Overtime	17	200	287	1,600	3,000
9201920 · Admin Benefit - Taxes	2,721	5,100	20,293	25,800	61,500
9201930 · Admin Benefit - H&W Insurance	18,149	18,150	90,746	90,750	226,000
9201940 · Admin Benefit - Retirement	27,201	26,750	135,184	133,750	321,000
9201992 · Admin Grant Payroll	(155)		(232)		
<b>Total 920000 · Admin Wages &amp; Benefits</b>	116,995	124,200	625,676	623,900	1,497,500
<b>921000 · Office Expenses</b>					
921100 · Office Supplies	1,497	1,250	6,953	6,250	15,000
921200 · Office Equipment	-	1,250	2,680	6,250	15,000
921300 · Phone, Courier, Internet	7,034	7,600	35,754	37,800	91,000
921400 · System Network / IT Support	2,567	4,400	14,589	22,000	53,000
921600 · Vehicle Expenses	236	300	2,825	1,700	4,000
<b>Total 921000 · Office Expenses</b>	11,333	14,800	62,800	74,000	178,000
<b>922000 · Legislative Affairs</b>	4,000	4,000	20,000	22,000	60,000
<b>923000 · Contract Services</b>					
923200 · Annual Financial Audit	23,625	-	23,625	-	35,000
923300 · Bank & Trustee Fees	308	325	1,427	1,375	11,600
923400 · Insurance Consultant	-	700	5,558	3,500	8,500
923500 · Investment Consultant	1,660	2,000	8,326	10,000	24,500
923600 · Legal Fees	18,380	15,000	53,391	75,000	180,000
923700 · Recruitment	-	1,800	1,274	9,000	22,000
923800 · Other Professional Services	344	7,500	12,877	37,500	90,000
<b>Total 923000 · Contract Services</b>	44,316	27,325	106,478	136,375	371,600
<b>924000 · Insurance</b>	38,279	44,000	200,330	217,850	525,850
<b>926000 · Retiree Benefits</b>					
926250 · Retiree Benefits TYL-PERS	-	-	-	-	40,000
<b>Total 926000 · Retiree Benefits</b>	-	-	-	-	40,000
<b>928000 · Regulatory Commission Expense</b>					
928001 · Other Regulatory Expense	-	400	9,943	1,850	4,650
928150 · FERC SWL Admin Fees	2,917	3,700	14,227	15,800	42,000
928151 · FERC SWL Other Expenses	-	8,500	1,040	42,500	102,000
928250 · FERC TYL Admin Fees	2,667	3,450	12,982	14,550	39,000
928251 · FERC TYL Other Expenses	-	150	-	750	2,300
<b>Total 928000 · Regulatory Commission Expense</b>	5,583	16,200	38,192	75,450	189,950
<b>930000 · General Expenses</b>					
930100 · Advertising Expense	-	300	352	1,500	4,000
930110 · Public Relations	3,542	3,500	13,448	17,500	42,500
930111 · PR - SEAPA History Project	-	1,250	4,233	6,250	15,000
930300 · Association Dues Expense	20,307	750	20,637	1,450	32,750
930310 · Professional Assn Dues	-	150	394	400	750
930400 · Board Meeting Expenses	4,279	1,000	12,686	11,000	35,000
930500 · Training Expense	(1,131)	2,000	8,564	9,000	25,500
930600 · Travel Expense	757	3,600	21,473	17,900	43,000
930700 · Non-Travel Incidental	65	300	(25,238)	1,600	4,000
<b>Total 930000 · General Expenses</b>	27,818	12,850	56,548	66,600	202,500
<b>931000 · Admin Rent</b>					
931010 · Office Rent	4,594	5,000	23,669	25,000	60,360
931100 · Apartment Rent - Ketchikan	1,776	1,875	8,845	9,375	22,500
<b>Total 931000 · Admin Rent</b>	6,370	6,875	32,514	34,375	82,860
<b>Total Operating Expense</b>	432,803	575,272	2,148,423	2,624,153	6,892,620



**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
**November 2016**

	NOV 2016	Budget	Jul'15-Nov'16	YTD Budget	Annual Budget
<b>Net Operating Income</b>	683,277	516,127	2,526,966	1,880,739	4,330,228
<b>Nonoperating Income/Expense</b>					
<b>Nonoperating Income</b>					
<b>941000 · Grant Income</b>	-		799,122		
<b>942000 · Interest Income</b>					
942100 · Misc Interest Income	727		4,110		
942200 · Investment Interest Income	4,020		32,915		
<b>Total 942000 · Interest Income</b>	4,747		37,025		
<b>944000 · Realized Gain/Loss</b>					
944200 · Realized Gain/Loss on Invest	1,399		10,347		
<b>Total 944000 · Realized Gain/Loss</b>	1,399		10,347		
<b>945000 · Unrealized Gain/Loss</b>					
945200 · Unrealized Gain/Loss Investment	(37,784)		(83,671)		
<b>Total 945000 · Unrealized Gain/Loss</b>	(37,784)		(83,671)		
<b>Total Nonoperating Income</b>	(31,639)		762,823		
<b>Nonoperating Expense</b>					
<b>952000 · Bond Interest 2009 Series</b>	29,642		148,211		
<b>952001 · Bond Interest 2015 Series</b>	36,048		180,258		
<b>953000 · Depreciation Expense</b>	358,885		1,794,423		
<b>954000 · Grant Expenses</b>					
954001 · Grant Construction	-		173,486		
954002 · Grant Contractual	-		65,905		
954003 · Grant Equipment	-		582,192		
954004 · Grant Labor & Benefits	155		77		
954006 · Grant Materials & Supplies	-		-		
<b>Total 954000 · Grant Expenses</b>	155		821,659		
<b>954100 · Contributed Capital</b>	(1,796)		(796,674)		
<b>Total Nonoperating Expense</b>	422,934		2,147,878		
<b>Net Nonoperating Income</b>	(454,572)		(1,385,055)		
<b>Net Income</b>	228,705	516,127	1,141,911	1,880,739	4,330,228

Southeast Alaska Power Agency R&R CAPITAL PROJECTS	FY2017		WIP CAPITAL PROJECTS December 31, 2016	FY13	FY14	FY15	FY16	FY17	TOTAL	Overall BUDGET
	Budget	Expenditures								
242-13 Reservoir Expansion SWL	\$ 6,820,253	5,590,128		421,782	394,811	525,020	2,989,858	5,590,128	9,921,598	11,115,568
Grant Funding	\$ (2,991,308)	(851,519)		(6,392)	(245,260)	(516,577)	(2,280,897)	(851,519)	(3,900,646)	(3,898,000)
Construction Fund	\$ (6,000,000)	(5,882,460)					(112,342)	(5,882,460)	(5,994,802)	(6,004,500)
231-13 Helicopter Pads	\$ 500,000	544,384	CAPITALIZED DEC 2016	57,731	98,391	533,783	2,181,644	544,384	3,415,934	3,403,165
232-13 Communications Upgrade	\$ 83,000	7,428	Typee satellite installation	12,160	186,520	15,995	165,667	7,428	387,769	520,100
240-13 Cooling Water TYL	\$ 37,260	612	Controls being integrated.	26,600	67,566	1,250	62,024	612	158,051	199,700
241-13 Stream Gauge TYL	\$ 200,000	42,764	Phase 2 abutment sealing done	37,845	562,635	22,753	106,528	42,764	772,525	1,467,758
248-14 Lathe TYL	\$ -	1,218	IN-SERVICE OCT 2016	230	16,593	(16,823)	41,441	1,218	42,659	42,000
249-14 Marine Term Gage/CommTYL	\$ 65,000	30,780	Radio programming ongoing		-	126,111	161,353	30,780	318,243	245,000
252-14 Submarine SpliceSpareTYL	\$ 213,000	-	Existing kits evaluated.		-	-	-	-	-	213,000
256-15 Alarm Trip Protectn SWL-TYL	\$ 53,011	44,223	Underway; completion FY17.			611	157,765	44,223	202,599	222,000
258-15 System Control Improve SWL-TY	\$ 38,843	3,535	Project underway.			28,766	44,194	3,535	76,495	116,800
259-15 Turbine Shutoff Valves TYL	\$ 35,000	-	Partially installed.			84,857	170,774	-	255,631	290,630
260-15 Exciters SWL	\$ 415,751	3,081	Exciters on site.			10,104	374,052	3,081	387,237	799,000
261-15 Generator Switch Gear SWL	\$ 484,743	3,081	Equipment delivered.			9,773	388,390	3,081	401,244	882,000
263-16 CTs-Relay CircSwitctr WRG	\$ 165,000	3,918	Electrical design underway.				20,963	3,918	24,881	201,000
265-16 Marker Balls OHL TYL	\$ 600,596	164	May-Jun 2017				-	164	164	600,596
267-16 Roof-Siding Housing TYL	\$ 188,787	194,275	COMPLETE JUL 2016				1,453	194,275	195,728	120,770
269-16 Guy Thimbles STI	\$ 270,000	-	May-Jun 2017				-	-	-	270,000
270-16 Dampeners OHL TYL	\$ 99,900	-	May-Jun 2017				8,696	-	8,696	99,900
271-16 Substation Upgrade WRG	\$ 45,025	14,412	COMPLETE AUG 2016				30,613	14,412	45,025	45,025
272-17 Needle Assembly TYL	\$ 123,000	-	Repair needle position feedbk					-	-	123,000
273-17 XFMR Bushing TYL	\$ 70,000	-	Transformer bushing repair.					-	-	70,000
274-17 Emission Valve Pipe SWL	\$ 35,000	-	Repair corroding pipe.					-	-	35,000
275-17 Manifold TYL	\$ 38,700	-	Manifold on governor.					-	-	38,700
276-17 Schweitzer RTAC SWL-TYL	\$ 33,500	-	Replace relays with RTACs					-	-	33,500
277-17 Debris Boom SWL	\$ 284,000	10,701	Contracted to Worthington					10,701	10,701	584,200
<b>Total WIP R&amp;R Capital Projects</b>	<b>\$4,079,116</b>	<b>\$904,577</b>		<b>\$134,565</b>	<b>\$931,704</b>	<b>\$817,180</b>	<b>\$3,915,556</b>	<b>\$904,577</b>	<b>\$6,703,582</b>	<b>\$10,622,844</b>
<b>Totals INCLUDING 242-13 SWL</b>	<b>\$ 10,899,369</b>	<b>\$6,494,705</b>		<b>\$556,347</b>	<b>\$1,326,515</b>	<b>\$1,342,200</b>	<b>\$6,905,414</b>	<b>\$6,494,705</b>	<b>\$16,625,181</b>	<b>\$21,738,412</b>

Date	Num	Vendor	FY17 BUDGET \$	Expenditures	Description	
<b>231-13 Helicopter Pads</b>			<b>\$500,000</b>	-	Helipad installation on the intertie and replacement of pads on Swan and Tyee lines. Prototype installed on the STI in November 2013. PND's helipad design approved by USFS in Dec 2014. Helipads manufactured by Touchdown Enterprises; installation began summer of 2015 (50 of 105 helipads installed) and was completed Jul 2016. (Henson)	
	\$ 57,731	<i>FY13 Expenditures</i>				
	\$ 98,391	<i>FY14 Expenditures</i>				
	\$ (114,921)	<i>FY14 Capitalize Prototypes</i>				
	\$ 533,783	<i>FY15 Expenditures</i>				
	\$ 2,181,644	<i>FY16 Expenditures</i>				
	\$ (2,695,579)	<i>FY16 Capitalized Installed Helipads</i>				
	\$ 544,384	<i>FY17 Expenditures</i>				
07/01/16	1836	Ward Cove Industries LLC		1,125		
07/09/16	TO15111-5	BAM LLC		351,600		
07/22/16	51078038	Tetra Tech Inc		448		
07/31/16	1320133	Tongass Engineering		23,665		
08/01/16	1865	Ward Cove Industries LLC		1,125		
08/12/16	TO15111-6	BAM LLC		145,350		
08/26/16	51089674	Tetra Tech Inc		2,383		
09/01/16	1888	Ward Cove Industries LLC		1,125		
11/21/16	\$ 1,320,134	Tongass Engineering		17,563		
12/31/16	\$ (490,148)	Capitalized Installed Helipads				
12/31/16	\$ (115,286)	Inventory				
<b>Total 231-13 Helicopter Pads</b>				<b>605,434</b>		
<b>232-13 Communications Upgrade</b>			<b>\$83,000</b>	-	Satellite dishes and telephone systems installed at Swan Lake and SEAPA Office in December 2013. Tyee Lake satellite dish permitting approved by ADF&G and Corp of Engineers; DNR approval received Sep 2015. Equipment and fiber installed at Tyee. (S.Henson) CAPITALIZED SWL-SEAPA Office \$177,163	
	\$ 12,160	<i>FY13 Expenditures</i>				
	\$ 186,520	<i>FY14 Expenditures</i>				
	\$ (177,163)	<i>FY14 Capitalize SWL-SEA Office</i>				
	\$ 15,995	<i>FY15 Expenditures</i>				
	\$ 165,667	<i>FY16 Expenditures</i>				
	\$ 7,428	<i>FY17 Expenditures</i>				
07/31/16	533	Tyee Plant Payroll		2,103		
08/26/16	9208922931	Grainger		765		
09/12/16		Safeway KTN		51		
09/30/16	52665	Sunrise Aviation Inc		240		
10/31/16	551	Payroll		498		
11/30/16	16181	Segrity LLC		3,770		
<b>Total 232-13 Communications Upgrade</b>				<b>210,607</b>		
<b>240-13 Cooling Water TYL</b>			<b>\$37,260</b>	-	Piping installation complete. Valves and control work remain and will be coordinated with System Control Improvements (RR258-15). Completion scheduled for CY16. (S.Henson) CAPITALIZED PIPE INSTALLATION \$94,165	
	\$ 26,600	<i>FY13 Expenditures</i>				
	\$ 67,566	<i>FY14 Expenditures</i>				
	\$ (94,165)	<i>FY14 Pipe Install Capitalized</i>				
	\$ 1,250	<i>FY15 Expenditures</i>				
	\$ 62,024	<i>FY16 Expenditures</i>				
	\$ 612	<i>FY17 Expenditures</i>				
08/31/16	538	Payroll		612		
<b>Total 240-13 Cooling Water TYL</b>				<b>63,886</b>		

Date	Num	Vendor	FY17 BUDGET \$	Expenditures	Description
<b>241-13 Stream Gauge TYL</b>			<b>\$200,000</b>	-	Logs cleared July 2013. Weir construction completed and helipad placed by Sep 2013. Grout work completed Apr 2016. Additional grout work, emergency shelter, stream gage and power network installation initiated in Sep 2016. (E.Schofield)
	\$ 37,845	<i>FY13 Expenditures</i>			
	\$ 562,635	<i>FY14 Expenditures</i>			
	\$ (598,332)	<i>FY14 Weir &amp; Helipad Capitalized</i>			
	\$ 22,753	<i>FY15 Expenditures</i>			
	\$ 106,528	<i>FY16 Expenditures</i>			
	\$ 42,764	<i>FY17 Expenditures</i>			FY14 CAPITALIZED WEIR & HELIPAD \$598,332
07/12/16	80682	Futaris Inc		1,086	
07/25/16	16082	Foam Concepts LLC		7,341	
08/01/16	S246WRA01N	Samson Tug & Barge		449	
08/29/16	20630	Petro Marine Services-WRG		931	
08/29/16	20657	Petro Marine Services-WRG		124	
09/12/16		Safeway KTN		102	
09/19/16	TO17019-1	BAM LLC		32,250	
09/30/16	52665	Sunrise Aviation Inc		480	
<b>Total 241-13 Stream Gauge TYL</b>				<b>174,193</b>	
<b>242-13 Reservoir Expansion SWL</b>			<b>\$6,820,253</b>		Refer to progress report from Power Systems Specialist. (E.Schofield)
	\$ 151,421	<i>FY12 Expenditures</i>			
	\$ 421,782	<i>FY13 Expenditures</i>			
	\$ 394,811	<i>FY14 Expenditures</i>			
	\$ 525,020	<i>FY15 Expenditures</i>			
	\$ 2,989,858	<i>FY16 Expenditures</i>			
	\$ 5,590,128	<i>FY17 Expenditures</i>			
07/31/15	MAD4548-201507	"Bank of America		425	
07/31/15	WOL7101-201507	"Bank of America		149	
07/31/15	1514	Ascent Law Partners LLP		2,940	
08/09/15	5206	McMillen LLC		53,613	
08/19/15	1428	Miscellaneous Cash		(7)	
08/19/15	31550	Taquan Air		1,667	
08/20/15	227076	Best Western Landing Hotel		320	
08/28/15	121715	Van Ness Feldman PC		5,610	
08/31/15	1576	Ascent Law Partners LLP		2,835	
08/31/15	MAD4548-201508	"Bank of America		171	
08/31/15	WOL0389-201508	"Bank of America		114	
08/31/15	KDR201508	de Rubertis, Kim		6,774	
08/31/15	122120	Van Ness Feldman PC		1,367	
09/06/15	5294	McMillen LLC		90,926	
09/09/15	201508165	Kleinschmidt Associates Inc.		4,947	
09/15/15	1509S	Glenn Brewer Consulting Engineer		7,206	
09/17/15	90542894	Hatch Associates Consultants, Inc		6,228	
09/18/15	3305048	Daily Journal of Commerce		95	
09/25/15	90544837	Hatch Associates Consultants, Inc		5,004	
09/25/15	50967286	Tetra Tech Inc		5,810	
09/25/15	201509136	Kleinschmidt Associates Inc.		3,502	
09/27/15	I01372120	Alaska Dispatch News		87	
09/30/15	ACT2263-201509	"Bank of America		410	
09/30/15	1638	Ascent Law Partners LLP		455	
10/04/15	5386	McMillen LLC		51,660	
10/15/15	4	Kollgaard Eric		450	
10/23/15	50981339	Tetra Tech Inc		695	
10/28/15	31700	Ketchikan Daily News		76	
10/30/15	329983	Daily Journal of Commerce		79	
10/30/15	201510145	Kleinschmidt Associates Inc.		1,436	
10/31/15	MKC201510	Morris Kepler Consulting LLC		3,280	
10/31/15	WOL0389-201510	"Bank of America		72	
10/31/15	5460	McMillen LLC		61,058	

Date	Num	Vendor	FY17 BUDGET \$	Expenditures	Description
11/20/15	90552730	Hatch Associates Consultants, Inc		4,445	
11/27/15	201511144	Kleinschmidt Associates Inc.		1,311	
11/30/15	WOL201511	.Wolfe, Eric		30	
11/30/15	1714	Ascent Law Partners LLP		1,960	
11/30/15	MAD4548-201511	"Bank of America		480	
11/30/15	WOL0389-201511	"Bank of America		1,012	
12/01/15	50991051	Tetra Tech Inc		551	
12/01/15	5536	McMillen LLC		64,291	
12/08/15	461	PML Environmental		1,360	
12/16/15	603704	BDO USA LLP		1,800	
12/25/15	51004272	Tetra Tech Inc		257	
12/31/15	MKC201512	Morris Kepler Consulting LLC		1,148	
12/31/15	MKC201512	Morris Kepler Consulting LLC		3,367	
12/31/15	1512S	Glenn Brewer Consulting Engineer		400	
12/31/15	1512S2	Glenn Brewer Consulting Engineer		4,037	
12/31/15	1771	Ascent Law Partners LLP		2,520	
12/31/15	WOL0389-201512	"Bank of America		254	
12/31/15	14271801	R&M Engineering-Ketchikan		540	
01/01/16	BF100522T0033	USDA Forest Service		200	
01/05/16	201512120	Kleinschmidt Associates Inc.		2,066	
01/11/16	463	PML Environmental		720	
01/27/16	51010961	Tetra Tech Inc		354	
01/28/16	5619	McMillen LLC		28,800	
01/28/16	1601S2	Glenn Brewer Consulting Engineer		2,600	
01/28/16	32010	Ketchikan Daily News		147	
01/30/16	2205	Kuenz America Inc		46,267	
01/30/16	2205	Kuenz America Inc		46,260	
01/31/16	1803	Ascent Law Partners LLP		14,840	
02/01/16	3309273	Daily Journal of Commerce		112	
02/03/16	60667	Wrangell Sentinel		155	
02/07/16	5706	McMillen LLC		67,951	
02/08/16	201601249	Kleinschmidt Associates Inc.		2,852	
02/12/16	52530	Sunrise Aviation Inc		830	
02/12/16	324881	Taquan Air		467	
02/26/16	201602173	Kleinschmidt Associates Inc.		987	
02/28/16	1379527	Alaska Dispatch News		132	
02/29/16	1602S2	Glenn Brewer Consulting Engineer		10,300	
02/29/16	160229	Morris Publishing Group		436	
02/29/16	60767	Pilot Publishing, Inc.		189	
02/29/16	1846	Ascent Law Partners LLP		2,065	
03/06/16	2232	Kuenz America Inc		4,020	
03/06/16	2232	Kuenz America Inc		34,956	
03/06/16	5761	McMillen LLC		35,567	
03/15/16	746630	Tongass Business Center		48	
03/19/16	FS201603	Frontier Shipping & Copyworks		2,360	
03/22/16	3311195	Daily Journal of Commerce		68	
03/25/16	201603214	Kleinschmidt Associates Inc.		293	
03/29/16	A40002337	Dodge Data & Analytics		303	
03/29/16	A40002338	Dodge Data & Analytics		265	
03/29/16	33243	Taquan Air		935	
03/31/16	1603S	Glenn Brewer Consulting Engineer		3,600	
03/31/16	1603S2	Glenn Brewer Consulting Engineer		5,500	
03/31/16	1886	Ascent Law Partners LLP		3,150	
03/31/16	KDR201603	de Rubertis, Kim		1,600	
03/31/16	THO9358-201603	"Bank of America		423	
03/31/16	THO9358-201603	"Bank of America		618	
04/03/16	5812A	McMillen LLC		24,392	

Date	Num	Vendor	FY17 BUDGET \$	Expenditures	Description
04/03/16	5812A	McMillen LLC		1,843	
04/03/16	5812	McMillen LLC		2,645	
04/03/16	2263	Kuenz America Inc		3,060	
04/03/16	2263	Kuenz America Inc		19,110	
04/29/16	201604201	Kleinschmidt Associates Inc.		73	
04/30/16	1928	Ascent Law Partners LLP		7,105	
04/30/16	MAD4548-201604	"Bank of America		9,503	
04/30/16	ACT3225-201604	"Bank of America		204	
04/30/16	WOL0389-201604	"Bank of America		739	
04/30/16	1604S1	Glenn Brewer Consulting Engineer		400	
04/30/16	1604S2	Glenn Brewer Consulting Engineer		7,600	
04/30/16	5876	McMillen LLC		32,044	
05/01/16	14271801	R&M Engineering-Ketchikan		(540)	
05/15/16	PST1	Pacific Pile and Marine		1,245,000	
05/17/16	16007	Crestchic, Inc.		42,650	
05/17/16	2016268	Box-It LLC		730	
05/18/16	WOL201605	.Wolfe, Eric		72	
05/18/16	34544	Taquan Air		467	
05/19/16	34587	Taquan Air		467	
05/25/16	KDN20160525	Ketchikan Daily News		137	
05/25/16	4189	Sign Pro		81	
05/27/16	16051333	Alaska Broadcast Communications,		8	
05/27/16	16051334	Alaska Broadcast Communications,		8	
05/27/16	201605125	Kleinschmidt Associates Inc.		110	
05/31/16	509	Payroll		4,181	
05/31/16	LOO6068-201605	"Bank of America		609	
05/31/16	MAD4548-201605	"Bank of America		1,960	
05/31/16	SCH3058-201605	"Bank of America		141	
05/31/16	WOL0389-201605	"Bank of America		1,362	
05/31/16	623478	Anderes Oil		1,349	
05/31/16	2316	Kuenz America Inc		86,770	
05/31/16	5950	McMillen LLC		2,700	
05/31/16	5950	McMillen LLC		9,981	
05/31/16	9880	Electric Power Systems Inc.		1,053	
05/31/16	9929	Electric Power Constructors		20,213	
06/01/16	241298	Best Western Landing Hotel		237	
06/01/16	516751	Seaborne Marine Services JV		4,500	
06/01/16	34405	Taquan Air		935	
06/01/16	LIOU2016	Liou, Jim C.P.		9,800	
06/01/16	1605S1	Glenn Brewer Consulting Engineer		300	
06/01/16	1605S2	Glenn Brewer Consulting Engineer		600	
06/04/16	2348	Kuenz America Inc		6,600	
06/04/16	2348	Kuenz America Inc		7,392	
06/06/16	16013	Crestchic, Inc.		1,340	
06/06/16	35073	Taquan Air		467	
06/06/16	2314	Kuenz America Inc		2,160	
06/06/16	2314	Kuenz America Inc		17,568	
06/06/16	16012	Crestchic, Inc.		42,650	
06/07/16	158	Best Western Landing Hotel		199	
06/09/16	467	PML Environmental		1,841	
06/10/16	2319	Kuenz America Inc		86,770	
06/10/16	92934	Pacific Airways Inc		880	
06/11/16	92935	Pacific Airways Inc		400	
06/12/16	201628	Doyon's Landing LLC		1,200	
06/12/16	92936	Pacific Airways Inc		440	
06/15/16	PST02	Pacific Pile and Marine		463,750	
06/16/16	616773	Seaborne Marine Services JV		2,250	

Date	Num	Vendor	FY17 BUDGET \$	Expenditures	Description
06/17/16	2016342	Box-It LLC		300	
06/18/16	KDN20160618	Ketchikan Daily News		137	
06/21/16	35628	Taquan Air		935	
06/23/16	292	Best Western Landing Hotel		203	
06/23/16	6662	Misty Fjords Air & Outfitting LLC		657	
06/23/16	6666	Misty Fjords Air & Outfitting LLC		657	
06/24/16	9870	Electric Power Systems Inc.		14,660	
06/24/16	319485	Timber & Marine Supply Inc		240	
06/24/16	26867	CoastAlaska, Inc.		450	
06/24/16	201606257	Kleinschmidt Associates Inc.		439	
06/26/16	16061348	Alaska Broadcast Communications,		30	
06/26/16	16061349	Alaska Broadcast Communications,		30	
06/26/16	6000	McMillen LLC		400	
06/26/16	6000	McMillen LLC		25,306	
06/28/16	93316	Pacific Airways Inc		440	
06/29/16	616781	Seaborne Marine Services JV		4,500	
06/30/16	WOL201606	.Wolfe, Eric		125	
06/30/16	514	SEAPA Payroll		6,652	
06/30/16	634737	Anderes Oil		3,407	
06/30/16	384	Best Western Landing Hotel		203	
06/30/16	160652	Glenn Brewer Consulting Engineer		1,600	
06/30/16	93371	Pacific Airways Inc		293	
06/30/16	93371	Pacific Airways Inc		293	
06/30/16	472	PML Environmental		1,440	
06/30/16	SCH3058-201606	"Bank of America		93	
06/30/16	LOO6068-201606	"Bank of America		627	
06/30/16	509	Best Western Landing Hotel		247	
06/30/16	162109	R&M Engineering-Ketchikan		1,288	
06/30/16	514	SEAPA Payroll		6,219	
06/30/16	524	KPU Linemen Payroll		5,830	
07/01/16	16015	Crestchic, Inc.		15,638	
07/01/16	16270700	R&M Engineering-Ketchikan		4,989	
07/01/16	6000A	McMillen LLC		(2,226)	
07/05/16	35951	Taquan Air		935	
07/05/16		Safeway KTN		169	
07/07/16	93555	Pacific Airways Inc		880	
07/07/16	467	Best Western Landing Hotel		203	
07/07/16		KGB Airport		20	
07/09/16		KGB Airport		20	
07/10/16	36205	Taquan Air		935	
07/13/16		KGB Airport		20	
07/13/16	KDN20160713	Ketchikan Daily News		137	
07/14/16	526	Best Western Landing Hotel		150	
07/14/16	93788	Pacific Airways Inc		293	
07/14/16	93788	Pacific Airways Inc		293	
07/14/16	93788	Pacific Airways Inc		293	
07/15/16		Alaskan & Proud Mkt KTN		200	
07/15/16		Safeway KTN		41	
07/15/16		KGB Airport		32	
07/15/16	PST03	Pacific Pile and Marine		578,328	
07/16/16		Safeway KTN		140	
07/18/16		KGB Airport		26	
07/19/16	36519	Taquan Air		876	
07/20/16		Safeway KTN		30	
07/20/16		Safeway KTN		72	
07/20/16		KGB Airport		20	
07/20/16		Safeway KTN		162	



Date	Num	Vendor	FY17 BUDGET \$	Expenditures	Description
07/21/16	36584	Taquan Air		219	
07/21/16	36584	Taquan Air		219	
07/21/16		KGB Airport		20	
07/21/16	474	PML Environmental		71	
07/21/16	474	PML Environmental		945	
07/21/16	233723	Yanke Machine Shop		41,697	
07/23/16		Safeway KTN		82	
07/25/16	1028551	Madison Lumber & Hardware Inc		31	
07/25/16	93985	Pacific Airways Inc		880	
07/25/16		Safeway KTN		60	
07/26/16	2016287	Doyon's Landing LLC		1,200	
07/26/16	94034	Pacific Airways Inc		880	
07/27/16	INV2878	ABQ Industrial LP		2,702	
07/27/16	T40283	Tyler Rental, Inc.		1,154	
07/27/16		KGB Airport		20	
07/27/16	2372	Kuenz America Inc		202,463	
07/27/16	2373	Kuenz America Inc		321,440	
07/27/16	2373	Kuenz America Inc		39,200	
07/28/16	2016107	Pool Engineering, Inc.		669	
07/28/16	651	Best Western Landing Hotel		150	
07/29/16		Safeway KTN		84	
07/29/16	201607138	Kleinschmidt Associates Inc.		293	
07/31/16	160752	Glenn Brewer Consulting Engineer		2,700	
07/31/16	646234	Anderes Oil		3,911	
07/31/16	PH201607	Ketchikan City of 2933 P&H		80	
07/31/16	16071035	Alaska Broadcast Communications,		75	
07/31/16	16071036	Alaska Broadcast Communications,		75	
07/31/16	LI0U201607	Liou, Jim C.P.		2,000	
07/31/16	162109	R&M Engineering-Ketchikan		6,076	
07/31/16	533	Payroll		12,581	
08/01/16		Safeway KTN		97	
08/01/16	16019	Crestchic, Inc.		42,650	
08/01/16	PH20160801	Wrangell City & Borough		6	
08/02/16		KGB Airport		20	
08/02/16	36944	Taquan Air		438	
08/02/16	36944	Taquan Air		438	
08/03/16	715	Best Western Landing Hotel		240	
08/03/16	16078	Boyer Towing, Inc.		3,543	
08/04/16	94267	Pacific Airways Inc		220	
08/04/16	94267	Pacific Airways Inc		220	
08/04/16	K41189	Tyler Rental, Inc.		3,250	
08/05/16	32837	Ketchikan Daily News		84	
08/05/16	741	Best Western Landing Hotel		229	
08/05/16		Alaskan & Proud Mkt KTN		28	
08/06/16		KGB Airport		20	
08/06/16		Safeway KTN		102	
08/07/16	106028	Madison Lumber & Hardware Inc		8	
08/07/16	6082	McMillen LLC		69,308	
08/07/16		KGB Airport		20	
08/08/16	94351	Pacific Airways Inc		880	
08/08/16		Ketchikan City of 2933 P&H		402	
08/09/16		Safeway KTN		42	
08/10/16	7058	Misty Fjords Air & Outfitting LLC		1,359	
08/10/16	525413	Petro Marine Services-KTN		514	
08/10/16		Safeway KTN		55	
08/10/16		Safeway KTN		54	
08/10/16		CC Salmon Falls Resort		430	



Date	Num	Vendor	FY17 BUDGET \$	Expenditures	Description
08/11/16	525418	Petro Marine Services-KTN		416	
08/11/16	805	Best Western Landing Hotel		474	
08/11/16	812	Best Western Landing Hotel		398	
08/11/16	816	Best Western Landing Hotel		398	
08/11/16		Safeway KTN		76	
08/11/16		Safeway KTN		110	
08/11/16	5	Kollgaard Eric		7,490	
08/12/16	7070	Misty Fjords Air & Outfitting LLC		657	
08/14/16	2016288	Doyon's Landing LLC		1,200	
08/14/16		Safeway KTN		47	
08/15/16	WOL201608	.Wolfe, Eric		136	
08/15/16	PST04	Pacific Pile and Marine		462,742	
08/15/16	PST04	Pacific Pile and Marine		173,486	
08/15/16	FA01	Pacific Pile and Marine		1,265	
08/16/16	COP03	Pacific Pile and Marine		16,055	
08/16/16	K43356	Tyler Rental, Inc.		285	
08/16/16	94579	Pacific Airways Inc		440	
08/17/16	37364	Taquan Air		219	
08/17/16	T44072	Tyler Industrial Supply		11	
08/17/16		Tatsudas IGA		58	
08/18/16	94600	Pacific Airways Inc		220	
08/18/16	94600	Pacific Airways Inc		220	
08/18/16		Walmart KTN - CC		32	
08/19/16	109488	Madison Lumber & Hardware Inc		68	
08/19/16	T44606	Tyler Rental, Inc.		397	
08/19/16	94628	Pacific Airways Inc		293	
08/19/16	94628	Pacific Airways Inc		293	
08/19/16	94628	Pacific Airways Inc		293	
08/20/16		Ketchikan Gateway Borough		20	
08/20/16	KDN20160820	Ketchikan Daily News		137	
08/21/16	526610	Petro Marine Services-KTN		463	
08/21/16		Safeway KTN		84	
08/22/16	110150	Madison Lumber & Hardware Inc		6	
08/22/16		Alaskan & Proud Mkt KTN		81	
08/22/16	151404	Bay Company Enterprises, LLC		2,627	
08/23/16	37631	Taquan Air		438	
08/23/16	37631	Taquan Air		438	
08/24/16	980	Best Western Landing Hotel		191	
08/25/16	94741	Pacific Airways Inc		440	
08/25/16	94741	Pacific Airways Inc		440	
08/25/16		Safeway KTN		50	
08/25/16	985	Best Western Landing Hotel		203	
08/26/16	234064	Yanke Machine Shop		892	
08/26/16	7176	Misty Fjords Air & Outfitting LLC		329	
08/26/16	7176	Misty Fjords Air & Outfitting LLC		329	
08/26/16	T45663	Tyler Industrial Supply		177	
08/27/16	250844	Ketchikan City of 2933 P&H		24	
08/28/16	527449	Petro Marine Services-KTN		486	
08/28/16		Safeway KTN		58	
08/29/16	39955	PC Hydraulics		6,275	
08/29/16	T46086	Tyler Industrial Supply		26	
08/30/16	114134766011	Dowl, LLC		1,484	
08/30/16		Ketchikan Gateway Borough		20	
08/30/16		Ketchikan Gateway Borough		6	
08/31/16	657324	Anderes Oil		1,432	
08/31/16	TO170161	BAM LLC		11,040	
08/31/16	1608S1	Glenn Brewer Consulting Engineer		4,693	

Date	Num	Vendor	FY17 BUDGET \$	Expenditures	Description
08/31/16	1608S2	Glenn Brewer Consulting Engineer		600	
08/31/16	PH201608	Ketchikan City of 2933 P&H		66	
08/31/16	482	PML Environmental		1,293	
08/31/16	162109003	R&M Engineering-Ketchikan		4,165	
08/31/16	T46131	Tyler Industrial Supply		405	
08/31/16	538	Payroll		14,155	
08/31/16	KDR201608	de Rubertis, Kim		6,119	
08/31/16	2480	Kuenz America Inc		6,400	
08/31/16	2481	Kuenz America Inc		6,600	
09/01/16	94889	Pacific Airways Inc		880	
09/01/16	T46599	Tyler Industrial Supply		711	
09/02/16	1054	Best Western Landing Hotel		203	
09/04/16	6148	McMillen LLC		1,280	
09/04/16	6148	McMillen LLC		37,759	
09/05/16	528234	Petro Marine Services-KTN		462	
09/05/16		CC Vendors		55	
09/05/16		Safeway KTN		73	
09/05/16		Safeway KTN		191	
09/06/16	1609168061	Pacific Pride		224	
09/06/16		Safeway KTN		68	
09/08/16	16023	Crestchic, Inc.		42,650	
09/08/16	528476	Petro Marine Services-KTN		501	
09/09/16		Safeway KTN		86	
09/10/16	95018	Pacific Airways Inc		880	
09/10/16		CC KTN Airport		20	
09/10/16		Alaskan & Proud Mkt KTN		92	
09/11/16	95023	Pacific Airways Inc		440	
09/13/16	115563	Madison Lumber & Hardware Inc		70	
09/13/16	95096	Pacific Airways Inc		440	
09/13/16		Safeway KTN		32	
09/14/16	DWNPMT17037	Swagelok NW Fluid System Technol		20,986	
09/14/16	5114891	Swagelok NW Fluid System Technol		9,687	
09/14/16	715463	Anderes Oil		456	
09/14/16		CC KTN Airport		20	
09/14/16	KDN20160914	Ketchikan Daily News		137	
09/15/16	TO17017	BAM LLC		24,500	
09/15/16	PST05	Pacific Pile and Marine		783,126	
09/15/16	95117	Pacific Airways Inc		440	
09/15/16		Safeway KTN		80	
09/16/16	S261KET29N	Samson Tug & Barge		158	
09/16/16	1802406341	USDA Forest Service		13,235	
09/17/16	82100085773	Les Schwab		24	
09/18/16		Safeway KTN		242	
09/19/16	253146	Ketchikan City of 2933 P&H		26	
09/19/16		Walmart KTN - CC		40	
09/20/16	95164	Pacific Airways Inc		440	
09/20/16		Alaskan & Proud Mkt KTN		152	
09/20/16	4024438	Swagelok NW Fluid System Technol		15,785	
09/22/16	S262KET32N	Samson Tug & Barge		95	
09/22/16		Safeway KTN		139	
09/23/16	529763	Petro Marine Services-KTN		500	
09/23/16		Alaska Air		11	
09/24/16	1141347660102	Dowl, LLC		1,415	
09/25/16	16091032	Alaska Broadcast Communications,		38	
09/25/16	16091033	Alaska Broadcast Communications,		38	
09/25/16		Safeway KTN		91	
09/25/16		CC KTN Airport		6	
09/26/16	242476	Service Auto Parts		33	
09/26/16	T50571	Tyler Industrial Supply		126	
09/26/16	721929	Anderes Oil		12	

Date	Num	Vendor	FY17 BUDGET \$	Expenditures	Description
09/26/16		CC KTN Airport		6	
09/26/16		Alaskan & Proud Mkt KTN		46	
09/26/16		CC Hotel Misc		25	
09/26/16	530295	Petro Marine Services-KTN		2,561	
09/26/16	530297	Petro Marine Services-KTN		7,387	
09/27/16	16111	Boyer Towing, Inc.		550	
09/27/16		CC KTN Airport		20	
09/27/16		CC Hotel Misc		209	
09/27/16	95298	Pacific Airways Inc		1,055	
09/28/16		CC Vendors		130	
09/28/16		Alaskan & Proud Mkt KTN		36	
09/28/16	530080	Petro Marine Services-KTN		434	
09/29/16	K162610IN	Schmolck Mechanical Contractors I		198	
09/30/16	543	Payroll		13,763	
09/30/16	WOL201609	.Wolfe, Eric		22	
09/30/16	669881	Anderes Oil		631	
09/30/16		CC KTN Airport		20	
09/30/16	1609S2	Glenn Brewer Consulting Engineer		800	
09/30/16	P&H201609	Ketchikan City of 2933 P&H		111	
09/30/16	162109004	R&M Engineering-Ketchikan		4,393	
10/01/16	120485	Madison Lumber & Hardware Inc		222	
10/01/16	95347	Pacific Airways Inc		440	
10/01/16	6327741	Lynden Transport, Inc.		624	
10/01/16	114134766012	Dowl, LLC		1,415	
10/02/16	530397	Petro Marine Services-KTN		449	
10/03/16	6327745	Lynden Transport, Inc.		248	
10/03/16	4024573	Swagelok NW Fluid System Technol		7,471	
10/04/16	728013	Anderes Oil		13	
10/04/16	77954	GCSIT Solutions		2,114	
10/04/16	530434	Petro Marine Services-KTN		426	
10/04/16	39089	Taquan Air		876	
10/05/16	168370	Valley Nut & Bolt Co., Inc.		740	
10/05/16		Safeway KTN		123	
10/05/16		CC Vendors		27	
10/05/16		Safeway KTN		123	
10/06/16	95401	Pacific Airways Inc		440	
10/06/16	S266KET29N	Samson Tug & Barge		53	
10/06/16		Safeway KTN		20	
10/06/16	KDN20161005	Ketchikan Daily News		137	
10/06/16		CC KTN Airport		20	
10/07/16	T52521	Tyler Industrial Supply		42	
10/07/16	T52573	Tyler Industrial Supply		48	
10/09/16		Safeway KTN		32	
10/10/16	16024	Crestchic, Inc.		42,650	
10/10/16	530956	Petro Marine Services-KTN		433	
10/10/16		CC KTN Airport		26	
10/10/16		Alaskan & Proud Mkt KTN		40	
10/11/16	KET40000077	Samson Tug & Barge		80	
10/11/16		Safeway KTN		81	
10/11/16		Safeway KTN		24	
10/12/16	5115436	Swagelok NW Fluid System Technol		1,917	
10/12/16	AKJUN17779	Fastenal		642	
10/12/16		Alaskan & Proud Mkt KTN		85	
10/13/16		CC Vendors		117	
10/13/16	5380801	CC Vendors		729	
10/14/16	6188	McMillen LLC		42,112	
10/14/16		CC KTN Airport		26	
10/16/16	246523	Service Auto Parts		43	

Date	Num	Vendor	FY17 BUDGET \$	Expenditures	Description
10/17/16	124402	Madison Lumber & Hardware Inc		108	
10/17/16	531473	Petro Marine Services-KTN		482	
10/17/16		CC KTN Airport		32	
10/17/16		Alaska Airlines Cargo		563	
10/18/16	95503	Pacific Airways Inc		440	
10/18/16	PST06	Pacific Pile and Marine		1,037,932	
10/18/16	5115550	Swagelok NW Fluid System Technol		9,702	
10/18/16	K54200	Tyler Rental, Inc.		27,500	
10/18/16	168759	Valley Nut & Bolt Co., Inc.		223	
10/18/16	531554	Petro Marine Services-KTN		415	
10/18/16		CC Vendors		50	
10/18/16		CC KTN Airport		20	
10/18/16		Alaska Air		130	
10/19/16	5115578	Swagelok NW Fluid System Technol		2,712	
10/20/16	95533	Pacific Airways Inc		880	
10/20/16	531757	Petro Marine Services-KTN		412	
10/20/16	5115615	Swagelok NW Fluid System Technol		700	
10/20/16	T54475	Tyler Industrial Supply		1,746	
10/20/16		Alaska Air		78	
10/21/16	S271KET39N	Samson Tug & Barge		159	
10/21/16		CC KTN Airport		20	
10/22/16		Safeway KTN		296	
10/22/16	114134766013	Dowl, LLC		81	
10/22/16	39092	Taquan Air		438	
10/24/16	1016851	Seaborne Marine Services JV		5,000	
10/25/16	629094	Portland Compressor		8,659	
10/26/16	95599	Pacific Airways Inc		880	
10/26/16	169019	Valley Nut & Bolt Co., Inc.		105	
10/26/16	1460	Best Western Landing Hotel		168	
10/27/16	AKJUN17884	Fastenal		533	
10/27/16		Alaskan & Proud Mkt KTN		8	
10/27/16	95630	Pacific Airways Inc		440	
10/27/16	1599	Panolin America		1,319	
10/27/16		Alaska Air		78	
10/28/16	K164087IN	Schmolck Mechanical Contractors I		32	
10/28/16	16176	Segrity LLC		8,849	
10/28/16	T55715	Tyler Industrial Supply		123	
10/28/16	95653	Pacific Airways Inc		880	
10/31/16	K164151IN	Schmolck Mechanical Contractors I		341	
10/31/16		Alaskan & Proud Mkt KTN		139	
10/31/16		Tatsudas IGA		71	
10/31/16	16101340	Alaska Broadcast Communications,		98	
10/31/16	16101341	Alaska Broadcast Communications,		98	
10/31/16	201610	Alaska Yacht Guides, LLC		40	
10/31/16	201610	Alaska Yacht Guides, LLC		6,750	
10/31/16	680445	Anderes Oil		1,376	
10/31/16	AKJUN17899	Fastenal		348	
10/31/16	511	PML Environmental		1,050	
10/31/16	162109-05	R&M Engineering-Ketchikan		3,205	
10/31/16	11234	Electric Power Systems Inc.		3,270	
10/31/16	551	SEAPA Payroll		7,122	
10/31/16	I518	Ketchikan, City of (AR)		2,287	
11/01/16		Alaskan & Proud Mkt KTN		5	
11/01/16		Safeway KTN		123	
11/01/16		Safeway KTN		26	
11/01/16		Landing Hotel & Restaurant		19	
11/01/16	20161101	Ketchikan City of 2933 P&H		173	

Date	Num	Vendor	FY17 BUDGET \$	Expenditures	Description
11/01/16	GUY8385-201311	"Bank of America		296	
11/01/16	495672	BDO USA LLP		1,500	
11/01/16	2568	Kuenz America Inc		14,850	
11/01/16	2569	Kuenz America Inc		16,000	
11/01/16	6257	McMillen LLC		16,573	
11/01/16	16178	Segrity LLC		12,288	
11/02/16	528349	Alaska Airlines Cargo		79	
11/02/16	7362	Misty Fjords Air & Outfitting LLC		428	
11/02/16	T56569	Tyler Industrial Supply		1,135	
11/03/16	1512	Landing Hotel & Restaurant		168	
11/04/16	S272KET35N	Samson Tug & Barge		227	
11/07/16	16029	Crestchic, Inc.		8,040	
11/07/16		Alaskan & Proud Mkt KTN		73	
11/10/16	242466	First City Electric, Inc.		3,836	
11/14/16	201612	Alaska Yacht Guides, LLC		5,250	
11/15/16	PST07	Pacific Pile and Marine, LP		800,280	
11/17/16	95872	Pacific Airways Inc		440	
11/18/16	30786	Temsco Helicopters, Inc.		4,288	
11/20/16	95884	Pacific Airways Inc		440	
11/28/16	533886	Petro Marine Services-KTN		230	
11/30/16	Pool20161130	Pool Engineering, Inc.		8,382	
11/30/16	693306	Anderes Oil		439	
11/30/16	I523	Ketchikan, City of (AR)		661	
11/30/16	6297	McMillen LLC		2,792	
12/01/16	PrePay	Matrax, Inc.		14,800	
12/02/16	4124448	Fastenal		(50)	
12/02/16	100029041	Dowl, LLC		(1,415)	
12/02/16	M849	Vigor Alaska LLC		787	
12/02/16	M850	Vigor Alaska LLC		3,832	
12/02/16	M851	Vigor Alaska LLC		3,307	
12/02/16	M852	Vigor Alaska LLC		2,205	
12/02/16	M853	Vigor Alaska LLC		360	
12/02/16	1744	Landing Hotel & Restaurant		162	
12/05/16	474	Alaska Air		326	
12/06/16	96021	Pacific Airways Inc		440	
12/08/16	96038	Pacific Airways Inc		440	
12/09/16	96042	Pacific Airways Inc		440	
12/12/16	BAM219	BAM LLC		5,550	
12/14/16	16190	Segrity LLC		17,365	
12/15/16	96167	Pacific Airways Inc		440	
12/16/16	2635	Kuenz America Inc		57,847	
12/16/16	2637	Kuenz America Inc		80,360	
12/16/16	2637	Kuenz America Inc		9,800	
12/16/16	2636	Kuenz America Inc		136,623	
12/19/16	242631	First City Electric, Inc.		1,176	
12/21/16	KPU201612	Ketchikan Public Utilities 334		3,812	
12/31/16	2373	Kuenz America Inc		1,380	
12/31/16	2388	Kuenz America Inc		4,380	
12/31/16	6389	McMillen LLC		1,900	
<b>Total 242-13 Reservoir Expansion SWL</b>				<u>10,073,020</u>	

Date	Num	Vendor	FY17 BUDGET \$	Expenditures	Description
<b>248-14 Lathe TYL</b>			<b>\$0</b>		Working with legal to remedy vendor down-payment with no delivery of goods. Lathe from new vendor (Grizzly Industrial). Machine-mount not delivered until July. (S.Henson)
06/30/14	\$16,823	<i>FY14 Expenditures</i>		-	
	(\$16,823)	<i>FY15 Expenditures</i>		-	
	\$41,441	<i>FY16 Expenditures</i>			
	(\$41,441)	<i>Capitalized FY16</i>			
	\$1,218	<i>FY17 Expenditures</i>			IN SERVICE OCT 2016
07/21/16	850121701	Grizzly Industrial, Inc.		576	
10/11/16	8324225.4	Grizzly Industrial, Inc.		590	
10/13/16	S268WRA16N	Samson Tug & Barge		53	
<b>Total 248-14 Lathe TYL</b>				<b>1,218</b>	
<b>249-14 Marine Term Gage/CommT</b>			<b>\$65,000</b>		Pressure transducers, replacement gauges and software design to integrate marine terminal data. Engineering complete, solar panels and all materials received. Installed and operational except failed batter at site. Capitalized all but radio portion in FY16. To be integrated with SCADA in FY17. (S.Henson)
	\$ 126,111	<i>FY15 Expenditures</i>			
	\$ 161,353	<i>FY16 Expenditures</i>			
	\$ (234,806)	<i>FY16 Capitalization</i>			
	\$ 30,780	<i>FY17 Expenditures</i>			
06/30/16	524	<i>FY16 Capitalization</i>		(234,806)	
07/01/16	46427	Petro Marine Services-WRG		228	
07/05/16	1563	Alpine Mini Mart		36	
07/09/16	391810	Ottesen's Inc		64	
07/09/16	50245	Petro Marine Services-WRG		172	
07/11/16	3853	Stikine Inn		904	
07/12/16	80682	Futaris Inc		1,086	
07/18/16	30964001	Wrangell City & Borough		3,120	
07/19/16	392419	Ottesen's Inc		40	
07/21/16	392535	Ottesen's Inc		37	
07/21/16	392538	Ottesen's Inc		43	
07/31/16	52621	Sunrise Aviation Inc		435	
07/31/16	533	Payroll		3,155	
08/08/16	1575	Alpine Mini Mart		67	
08/31/16	30553	Temsco Helicopters, Inc.		1,879	
08/31/16	538	Payroll		1,143	
08/31/16	16161	Segrity LLC		6,136	
08/31/16	3990	Stikine Inn		432	
09/02/16	30568	Temsco Helicopters, Inc.		1,863	
09/02/16	3993	Stikine Inn		440	
09/13/16	N6578SUPP1	Twin Eagle Consulting, LLC		6,919	
09/30/16	543	Payroll		1,143	
10/06/16	31012001	Wrangell City & Borough		1,439	
<b>Total 249-14 Marine Term Gage/Co</b>				<b>83,437</b>	
<b>252-14 Submarine SpliceSpareTYL</b>			<b>\$213,000</b>		Existing spares evaluated to determine portions that require replacement following specs recommended by Poseidon Engineering. (S.Henson)
	\$ -	<i>FY16 Expenditures</i>		-	
<b>Total 252-14 Submarine Splice SpareTYL</b>				<b>-</b>	

Date	Num	Vendor	FY17 BUDGET \$	Expenditures	Description
<b>256-15 Alarm Trip Protection SWL-</b>			<b>\$53,011</b>		Two-year project; review sensors and relays, reliability and critical protection issue. Board awarded to Segrity (Mar 2015). Scheduled for completion in CY16. (S.Henson/ E.Schofield)
	\$ 611	<i>FY15 Expenditures</i>			
	\$ 157,765	<i>FY16 Expenditures</i>			
	\$ 44,223	<i>FY17 Expenditures</i>			
08/21/16	3975	Stikine Inn		163	
08/31/16	52648	Sunrise Aviation Inc		870	
09/08/16	16160	Segrity LLC		32,590	
09/30/16	16169	Segrity LLC		3,780	
10/28/16	16175	Segrity LLC		135	
11/01/16	16177	Segrity LLC		6,600	
12/07/16	16184	Segrity LLC		43	
12/07/16	16184	Segrity LLC		43	
<b>Total 256-15 Alarm Trip Protection SWL-TYL</b>				<b>202,599</b>	
<b>258-15 System Control Improve</b>			<b>\$38,843</b>		Two-year project to increase reliability at both plants; coordinate facilities' operations. Board awarded to Segrity (Mar 2015). Scheduled for completion in CY16. (S.Henson / E.Schofeild)
	\$ 28,766	<i>FY15 Expenditures</i>			
	\$ 44,194	<i>FY16 Expenditures</i>			
	\$ 3,535	<i>FY17 Expenditures</i>			
07/31/16	16155	Segrity LLC		1,083	
08/31/16	16162	Segrity LLC		953	
09/30/16	16168	Segrity LLC		938	
10/28/16	16174	Segrity LLC		313	
12/01/16	16180	Segrity LLC		250	
<b>Total 258-15 System Control Improvements SWL-TYL</b>				<b>76,495</b>	
<b>259-15 Turbine Shutoff Valves TYL</b>			<b>\$35,000</b>		Implementation of recommendations from HDR engineering review. Toroidal cylinder repair to be completed in FY17. (S.Henson)
	\$ 84,857	<i>FY15 Expenditures</i>			
	\$170,774	<i>FY16 Expenditures</i>			
	(\$255,631)	<i>Capitalized FY16</i>			
	-	<i>FY17 Expenditures</i>			
<b>Total 259-15 Turbine Shutoff Valve TYL</b>				<b>-</b>	
<b>260-15 Exciters SWL</b>			<b>\$415,751</b>		Replaces 1997 exciters; coordinate with RR261-15. Equipment on site at Swan Lake. Awaiting installation window. (E. Schofield)
	\$ 10,104	<i>FY15 Expenditures</i>		-	
	\$ 374,052	<i>FY16 Expenditures</i>		-	
	\$ 3,081	<i>FY17 Expenditures</i>		-	
07/31/16	16156	Segrity LLC		1,921	
08/31/16	16163	Segrity LLC		1,160	
<b>Total 260-15 Exciters SWL</b>				<b>387,237</b>	
<b>261-15 Generator Switch Gear SWI</b>			<b>\$484,743</b>		Replace existing gear; includes spare breaker. Coordinate with RR260-15. Equipment delivered onsite at SWL, awaiting installation window. (E.Schofield)
	\$ 9,773	<i>FY15 Expenditures</i>		-	
	\$ 388,390	<i>FY16 Expenditures</i>		-	
	\$ 3,081	<i>FY17 Expenditures</i>		-	
07/31/16	16156	Segrity LLC		1,921	
08/31/16	16163	Segrity LLC		1,160	
<b>Total 261-15 Generator Switch Gear SWL</b>				<b>401,244</b>	



Date	Num	Vendor	FY17 BUDGET \$	Expenditures	Description
<b>263-16 CTs-Relay WRG Circuit Swtc</b>			<b>\$165,000</b>		Additional protection-control relays and current-sensing equipment in the Wrangell switchyard. Electrical design being finalized. (Electrical Power Systems). Parts ordered. (S.Henson)
	\$ 20,963	<i>FY16 Expenditures</i>			
	\$ 3,918	<i>FY17 Expenditures</i>			
09/30/16	10956	Electric Power Systems Inc.		1,439	
11/30/16	11194	Electric Power Systems Inc.		370	
12/12/16	11417	Electric Power Systems Inc.		296	
12/31/16	11695	Electric Power Systems Inc.		1,813	
<b>Total 263-16 CTs-Relay WRG Circuit Sw</b>				<b>24,881</b>	
<b>265-16 Marker Balls OHL TYL</b>			<b>\$600,596</b>		Replacement of original marker balls on the Tyee transmission line. Marker balls inventoried; Northern Powerline Constructors (Anchorage) successful bidder. Scheduled for May-Jun 2017. (S.Henson)
	\$ 164	<i>FY17 Expenditures</i>			
07/21/16	3315739	Daily Journal of Commerce		77	
07/21/16	I01389867	Alaska Dispatch News		87	
<b>Total 265-16 Marker Balls OHL TYL</b>				<b>164</b>	
<b>267-16 Roof-Siding Housing TYL</b>			<b>\$188,787</b>		Replace roofing on Tyee Lake employee housing (3) and crew quarters; vinyl siding on employee housing (3). Board awarded to H Construction.  COMPLETE JUL 2016. (S.Henson)
	\$ 1,453	<i>FY16 Expenditures</i>			
	\$ 194,275	<i>FY17 Expenditures</i>			
07/18/16	16049-01	H Construction LLC		160,000	
07/25/16	16049-02	H Construction LLC		34,275	
<b>Total 267-16 Roof-Siding Housing TYL</b>				<b>195,728</b>	
<b>269-16 Guy Thimbles STI</b>			<b>\$270,000</b>		Replace guy thimbles on STI. Scheduled for May-Jun 2017. (S.Henson)
	\$ -	<i>FY17 Expenditures</i>			
<b>Total 269-16 Guy Thimbles STI</b>				<b>-</b>	
<b>270-16 Dampeners OHL TYL</b>			<b>\$99,900</b>		Replacement of 180 dampeners on Tyee transmission line. Scheduled for May-Jun 2017. (S.Henson)
	\$ 8,696	<i>FY16 Expenditures</i>			
	\$ -	<i>FY17 Expenditures</i>			
<b>Total 270-16 Dampeners OHL TYL</b>				<b>8,696</b>	
<b>271-16 Substation Upgrade WRG</b>			<b>\$45,025</b>		Wrangell substation upgrades completed August 2016 (WML&P). Billing received in October. (S.Henson)  UPGRADES COMPLETE AUG 2016.
	\$ 30,613	<i>FY16 Expenditures</i>			
	\$ 14,412	<i>FY17 Expenditures</i>			
10/01/16	547R	Reverse FY16 accrual		(30,613)	
10/19/16	WRGSUB	Wrangell City & Borough		45,025	
<b>Total 271-16 Substation Upgrade WRG</b>				<b>45,025</b>	
<b>272-17 Needle Assembly TYL</b>			<b>\$123,000</b>		Repair to needle position feedback assembly. Parts on order. (Henson)
	\$ -	<i>FY17 Expenditures</i>			
<b>Total 272-17 Needle Assembly TYL</b>				<b>-</b>	
<b>273-17 XFMR Bushing TYL</b>			<b>\$70,000</b>		Replace STI transformer bushing at Tyee substation. Spring 2017. (Henson)
	\$ -	<i>FY17 Expenditures</i>			
<b>Total 273-17 XFMR Bushing TYL</b>				<b>-</b>	



Southeast Alaska Power Agency

WORK-IN-PROGRESS R&R Capital Projects as of Dec 31, 2016

Date	Num	Vendor	FY17 BUDGET \$	Expenditures	Description
<b>274-17 Emission Valve Pipe SWL</b>			<b>\$35,000</b>		Insert pipe liner to reinforce air emission valve piping at SWL. Tentative installation June 2017. (Schofield)
	\$	-	<i>FY17 Expenditures</i>		
<b>Total 274-17 Emission Valve Pipe SWL</b>				<b>-</b>	
<b>275-17 Manifold Replace. TYL</b>			<b>\$38,700</b>		Replace manifold on governor at Tyee Lake. Manifold ordered. (Henson)
	\$	-	<i>FY17 Expenditures</i>		
<b>Total 275-17 Manifold Replacement TYL</b>				<b>-</b>	
<b>276-17 Schweitzer RTAC Upgrades</b>			<b>\$33,500</b>		Replace existing relays with RTACs. (Henson)
	\$	-	<i>FY17 Expenditures</i>		
<b>Total 276-17 Schweitzer RTAC Upgrade</b>				<b>-</b>	
<b>277-17 Debris Boom SWL</b>			<b>\$284,000</b>		Replacement of failed debris boom and anchors at SWL. Bid awarded to Worthington. Tentative installation March 2017. (Schofield)
	\$	10,701	<i>FY17 Expenditures</i>		
07/01/16	6000A	McMillen LLC		2,226	
08/07/16	6082	McMillen LLC		7,880	
09/03/16	62012	Pilot Publishing, Inc.		84	
09/03/16	62004	Wrangell Sentinel		72	
11/30/16	693306	Anderes Oil		439	
<b>Total 277-17 Debris Boom SWL</b>				<b>10,701</b>	
<b>Total WIP R&amp;R Capital Projects</b>			<b>\$10,899,369</b>	<b>\$ 12,564,565</b>	

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



# CLOSED R&R231-13 – Helicopter Pads

Project	<b>HELICOPTER PADS</b>		
Description	Helipad installation on the Swan Tye Intertie.		
Actual Cost:	<b>\$3,415,934</b>	Start Date: JUL 2012	Install Complete: JUL 2016
Project Management: Steve Henson			
<b>Project Discussion</b>			
<p>The STI was built without helicopter pads, and existing pads on the Tye line are in need of reinforcement and/or replacement. Installation of helipads enhances the safety of the crews who perform maintenance, emergency repairs and right-of-way clearing. Helipad access also enables expedited repairs and improves field work efficiency for the life of the lines. This multi-year project focused on new installations on the STI.</p> <p><b>FY12</b> - Three aluminum helipad prototypes were purchased from Touchdown Enterprises, Ltd. and R&amp;M Consultants provided engineering services for the development of foundation systems. Fabrication of foundation footers and preliminary site evaluation and preparation was completed.</p> <p><b>FY13</b> – Forest Service permitting.</p> <p><b>FY14</b> – Tongass Engineering hired for project management support. Prototypes installed on the STI in November 2013 (Alaska Clearing). Preliminary helipad design furnished by contractor PND.</p> <p><b>FY15</b> – Fiberglass grating panels (Fibergrates) were delivered as well as partial delivery of helipads (Touchdown Enterprises). Installation bids were evaluated.</p> <p><b>FY16</b> – Helipads were installed on the STI in two phases during the fall of 2016 and spring 2017 (BAM LLC).</p> <p><b>FY17</b> – Helipads installed at Tye gatehouse and stream gage sites. 10 helipads placed into inventory. The inventoried pads can be utilized on the Tye line to replace damaged pads in high altitude areas.</p>			

<b>Project Cost</b>		
<b>DESCRIPTION</b>	<b>VENDOR</b>	<b>COST EST.</b>
Engineering	PND, R&M Consultants	\$64,001
Manufacture	Touchdown Enterprises, Fibergrate	750,550
Installation	Alaska Clearing, BAM LLC	2,264,462
Project Management	Tongass Engineering, SEAPA	336,921
	Total	\$3,415,934

# CLOSED R&R231-13 – Helicopter Pads



Prototype





**SOUTHEAST ALASKA  
POWER AGENCY**

**RR242 - SWAN LAKE RESERVOIR  
EXPANSION PROJECT  
FINANCIAL SUMMARY - JAN 24, 2017**

**APPROVED BUDGET**

**\$ 11,115,568**

**Expenditures by Fund Source**

\$ 719,642	SEAPA Funds Expended
578,000	Grant - DCCED13 (SWL)
2,646	Grant - DCCED13 (Project Mgmt)
3,320,000	Grant - DCCED15
5,994,802	Construction Fund
<b><u>\$ 10,615,091</u></b>	<b>Total Expenditures</b>

**Remaining Project Budget**

**\$ 500,477 Remaining Budget**

**Funding Sources for Remaining Project**

\$ 10,474	Construction Funds Available
490,004	Other SEAPA Funds (R&R)
<b><u>\$ 500,477</u></b>	

# SOUTHEAST ALASKA POWER AGENCY - DISBURSEMENTS

Accounts	Total
Revenue Fund . . . . .	\$ 1,514,073.72
R&R Fund . . . . .	\$ 31,485.65
Construction Fund . . . . .	\$ 1,784,384.82
New Generation Fund . . . . .	\$ 156.00
TOTAL	\$ 3,330,100.19

**SUGGESTED MOTION**

I move to approve disbursements for the months of December 2016 & January 2017  
in the amount of \$3,330,100.19.

This list outlines significant expenditures paid during this period:			
Member Utilities	FY2016 Rebate	\$	800,000
Kuenz America	SWL Reservoir Expansion - Fixed Wheel Gate and Flashboards		321,240
Pacific Pile	SWL Reservoir Expansion - Construction		1,343,232
USDA Forest Serv	Land rent for calendar year 2017		99,206
Wells Fargo	Principal & Interest for 2009 Series and 2015 Series Bonds		265,115.64

## December 2016 & January 2017

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	Construction	New Gen
84307320113	AK ADF&G	2,405.97			
16111613	Alaska Broadcast Communications, Inc.	30.00			
16111614	Alaska Broadcast Communications, Inc.	30.00			
16111663	Alaska Broadcast Communications, Inc.	30.00			
16111664	Alaska Broadcast Communications, Inc.	30.00			
16111715	Alaska Broadcast Communications, Inc.	30.00			
16111716	Alaska Broadcast Communications, Inc.	30.00			
16111770	Alaska Broadcast Communications, Inc.	30.00			
16111771	Alaska Broadcast Communications, Inc.	30.00			
16122156	Alaska Broadcast Communications, Inc.	30.00			
16122157	Alaska Broadcast Communications, Inc.	30.00			
16122221	Alaska Broadcast Communications, Inc.	30.00			
16122222	Alaska Broadcast Communications, Inc.	30.00			
16122286	Alaska Broadcast Communications, Inc.	30.00			
16122287	Alaska Broadcast Communications, Inc.	30.00			
16122356	Alaska Broadcast Communications, Inc.	30.00			
16122357	Alaska Broadcast Communications, Inc.	30.00			
218	Alaska Miners Association	250.00			
APCM201611	Alaska Permanent Capital Inc	1,659.67			
APCM201612	Alaska Permanent Capital Inc	1,661.13			
3558	Alaska Power Association	5,908.00			
1611	Alpine Mini Mart	73.72			
1618	Alpine Mini Mart	74.96			
M1753625	Analysts, Inc.	168.80			
693306	Anderes Oil	439.16	439.15		
693306	Anderes Oil	-			
16179	Angerman's Inc	19.80			
5754	Arrowhead LP Gas WRG	59.75			
6155	Arrowhead LP Gas WRG	24.11			
6157	Arrowhead LP Gas WRG	22.34			
2225	Ascent Law Partners LLP	16,548.50			
2226	Ascent Law Partners LLP	585.00			
2266	Ascent Law Partners LLP	10,718.76			

# SOUTHEAST ALASKA POWER AGENCY - DISBURSEMENTS

December 2016 & January 2017

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	Construction	New Gen
1874924	Austin Powder	350.00			
BAM217	BAM LLC	8,500.00			
BAM218	BAM LLC	7,400.00			
BAM219	BAM LLC			5,550.00	
151539	Bay Company Enterprises, LLC	104.90			
52596	Bay Company Enterprises, LLC	159.90			
52678	Bay Company Enterprises, LLC	14.10			
1744	Best Western Landing Hotel			161.94	
BOD201612	Best Western Landing Hotel	1,408.07			
1886	Best Western Landing Hotel	2,031.74			
1889	Best Western Landing Hotel	359.71			
1889	Best Western Landing Hotel	-			
1923	Best Western Landing Hotel	172.60			
1923-2	Best Western Landing Hotel	16.16			
CAM201701	Cambria Properties LLC	1,475.00			
CAM201702	Cambria Properties LLC	1,475.00			
235145	City Market	14.98			
270858	City Market	26.67			
269971	City Market	29.96			
272394	City Market	29.96			
269518	City Market	71.63			
236542	City Market	16.98			
27224	CoastAlaska, Inc.	2,065.50			
48273	Commonwealth Associates, Inc.	44.25			
145	ConnectHR, LLC	175.00			
170	ConnectHR, LLC	35.00			
C4956	Copper River Fleece	373.35			
11313	DHittle & Associates, Inc.	344.00			
11346	DHittle & Associates, Inc.	516.00			
11234	Electric Power Systems Inc.			3,269.70	
11194	Electric Power Systems Inc.		370.00		
11417	Electric Power Systems Inc.		296.00		
11695	Electric Power Systems Inc.		1,813.00		
7218	ERM Alaska, Inc	2,635.81			
7252	ERM Alaska, Inc	3,195.18			
564487507	FedEx	255.43			
242466	First City Electric, Inc.			3,835.60	
242631	First City Electric, Inc.			1,176.11	
4412	Freeman & Sons Machine and Fabrication	445.50			
285900	Frontier Shipping & Copyworks	10.60			
286684	Frontier Shipping & Copyworks	8.10			
FS201612	Frontier Shipping & Copyworks	103.30			
FS4075960IN	Full Source	511.80			
80904	Futaris Inc	6,145.00			
80904	Futaris Inc	-			
SEAPA00117	G2 Risk Consulting	1,950.00			
1612S2	Glenn Brewer Consulting Engineer			2,469.00	
9272379885	Grainger	2,153.42			
9272379885	Grainger	-			
9310013017	Grainger	3,248.00			
9325553148	Grainger	1,985.43			
9325553148	Grainger	-			
20171552	Greater Ketchikan Chamber of Commerce	370.00			
4872	I Even Do Windows	300.00			
4912	I Even Do Windows	300.00			
24626	Jud's Office Supply	107.96			



# SOUTHEAST ALASKA POWER AGENCY - DISBURSEMENTS

December 2016 & January 2017

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	Construction	New Gen
PH201611	Ketchikan City of 2933 P&H	52.00			
PH201612	Ketchikan City of 2933 P&H	78.00			
REBATE KTN FY16	Ketchikan City of 334	418,867.20			
KDN201612	Ketchikan Daily News	155.00			
33259	Ketchikan Daily News	57.10			
KDN20161215	Ketchikan Daily News	2,969.09			
33331	Ketchikan Daily News	89.90			
33332	Ketchikan Daily News	116.55			
KGB201701	Ketchikan Gateway Borough	4,048.62			
KGB201702	Ketchikan Gateway Borough	4,108.50			
KPU201612	Ketchikan Public Utilities 334			3,812.45	
16110055	KFMJ Radio, LLC	616.00			
16120066	KFMJ Radio, LLC	616.00			
201611236	Kleinschmidt Associates Inc.	6,513.22			
201612124	Kleinschmidt Associates Inc.	1,848.85			
201612127	Kleinschmidt Associates Inc.	16,077.53			
5	Kollgaard Eric			7,490.23	
2568	Kuenz America Inc			14,850.00	
2569	Kuenz America Inc			16,000.00	
2635	Kuenz America Inc			57,847.00	
2636	Kuenz America Inc			136,622.54	
2637	Kuenz America Inc			90,160.00	
2637	Kuenz America Inc			-	
2373	Kuenz America Inc			1,380.00	
2388	Kuenz America Inc			4,380.00	
LK201701	LK Storage & Rentals	78.00			78.00
LK201701	LK Storage & Rentals	-			
LK201702	LK Storage & Rentals	78.00			78.00
LK201702	LK Storage & Rentals	-			
97033	LNM Services	66.36			
97041	LNM Services	13.07			
97053	LNM Services	40.41			
97081	LNM Services	28.02			
97078	LNM Services	71.96			
97105	LNM Services	36.45			
97120	LNM Services	16.19			
1328291	Madison Lumber & Hardware Inc	230.15			
1328291	Madison Lumber & Hardware Inc	-			
1328291	Madison Lumber & Hardware Inc	-			
1351831	Madison Lumber & Hardware Inc	19.99			
19995	Mapcon Technologies, Inc.	2,611.00			
19995	Mapcon Technologies, Inc.	-			
PrePay	Matrax, Inc.			14,800.00	
6257	McMillen LLC			16,572.54	
6297	McMillen LLC			2,792.35	
6389	McMillen LLC			1,900.00	
5545	Meridian Environmental	570.00			
M17162	National Hydropower Association	20,307.00			
19835	Northwest Public Power Assn	330.00			
19061	Northwest Public Power Assn	750.00			
1745969	NRECA 758777 Deferred	2,371.00			
16120630	NRECA 798185 Group Ins	18,261.16			
1701630	NRECA 798185 Group Ins	19,653.55			
16120630A	NRECA 798324 Group Ins Admin	1,617.51			
1701630A	NRECA 798324 Group Ins Admin	1,710.28			
16128043A	NRECA 798330 RSP Admin	674.17			

# SOUTHEAST ALASKA POWER AGENCY - DISBURSEMENTS

December 2016 & January 2017

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	Construction	New Gen
17018043A	NRECA 798330 RSP Admin	713.66			
17018043	NRECA 798369 RSP Trust Contrib	37,991.61			
397334	Ottesen's Inc	19.48			
398276	Ottesen's Inc	58.99			
398539	Ottesen's Inc	22.48			
398552	Ottesen's Inc	101.98			
398555	Ottesen's Inc	147.50			
398683	Ottesen's Inc	357.98			
398984	Ottesen's Inc	15.98			
398994	Ottesen's Inc	39.57			
399153	Ottesen's Inc	20.97			
399276	Ottesen's Inc	89.99			
399402	Ottesen's Inc	38.99			
399626	Ottesen's Inc	69.99			
399637	Ottesen's Inc	9.99			
399679	Ottesen's Inc	80.97			
399754	Ottesen's Inc	19.47			
399823	Ottesen's Inc	192.95			
400344	Ottesen's Inc		209.97		
400408	Ottesen's Inc	113.94			
400558	Ottesen's Inc	16.99			
400618	Ottesen's Inc	63.16			
400688	Ottesen's Inc	53.98			
400710	Ottesen's Inc	14.57			
95872	Pacific Airways Inc			440.00	
95884	Pacific Airways Inc			440.00	
96021	Pacific Airways Inc			440.00	
96038	Pacific Airways Inc			440.00	
96042	Pacific Airways Inc			440.00	
96152	Pacific Airways Inc	440.00			
96167	Pacific Airways Inc			440.00	
PST07	Pacific Pile and Marine			800,280.00	
PST08	Pacific Pile and Marine			542,951.55	
1611171855	Pacific Pride	824.19			
1612172890	Pacific Pride	2,158.50			
1701173282	Pacific Pride	86.37			
21027	Pacific Wings Inc.	660.00			
REBATE PSG FY16	Petersburg Borough	200,007.20			
34132	Petersburg Bottled Gas	146.00			
PSGAnnual2017	Petersburg Chamber of Commerce, Inc	558.00			
533757	Petro Marine Services-KTN	240.86			
533886	Petro Marine Services-KTN			230.36	
535478	Petro Marine Services-KTN	183.58			
23065	Petro Marine Services-WRG	400.47			
23346	Petro Marine Services-WRG	241.99			
23585	Petro Marine Services-WRG	31.30			
23645	Petro Marine Services-WRG	635.80			
23761	Petro Marine Services-WRG	296.73			
24178	Petro Marine Services-WRG	339.89			
24457	Petro Marine Services-WRG	213.75			
62646	Pilot Publishing, Inc.	52.50			
62889	Pilot Publishing, Inc.	210.00			
Pool20161130	Pool Engineering, Inc.			8,382.35	
1863	Pure Alaskan Water	56.00			
869	Ray Matiashowski & Associates	4,000.00			
879	Ray Matiashowski & Associates	4,000.00			



# SOUTHEAST ALASKA POWER AGENCY - DISBURSEMENTS

December 2016 & January 2017

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	Construction	New Gen
RVINVO15444	RedVector.com LLC	1,485.19			
S293KET03I	Samson Tug & Barge	106.00			
S295WRA01I	Samson Tug & Barge	15.00			
315952	SE Business Machines	255.00			
16177	Segrity LLC		6,600.00		
16178	Segrity LLC			12,288.44	
16181	Segrity LLC		3,770.00		
16182	Segrity LLC	14,567.57			
16180	Segrity LLC		250.00		
16180	Segrity LLC		-		
16183	Segrity LLC	1,740.00			
16183	Segrity LLC	-			
16184	Segrity LLC		85.04		
16184	Segrity LLC		-		
16190	Segrity LLC			17,364.53	
439619	Sentry Hardware & Marine	0.68			
439875	Sentry Hardware & Marine	48.49			
440291	Sentry Hardware & Marine	3.49			
440303	Sentry Hardware & Marine	1.81			
440361	Sentry Hardware & Marine	6.22			
441123	Sentry Hardware & Marine		89.99		
441166	Sentry Hardware & Marine	22.51			
441497	Sentry Hardware & Marine	79.99			
4588	Sign Pro	120.16			
580454	Southeast Auto & Marine Parts, Inc	21.18			
581093	Southeast Auto & Marine Parts, Inc	14.70			
581253	Southeast Auto & Marine Parts, Inc	214.99			
581360	Southeast Auto & Marine Parts, Inc	(59.50)			
581437	Southeast Auto & Marine Parts, Inc	61.70			
11320723	Standard & Poor's	5,000.00			
4055	Stikine Inn	1,240.00			
4055	Stikine Inn	-			
4055	Stikine Inn	-			
3938856	Stoel Rives LLP	1,877.98			
52708	Sunrise Aviation Inc	3,600.00			
52718	Sunrise Aviation Inc	5,798.15			
52718	Sunrise Aviation Inc	-			
52718	Sunrise Aviation Inc	-			
52718	Sunrise Aviation Inc	-			
30786	Temsco Helicopters, Inc.			4,288.43	
51127202	Tetra Tech Inc	2,063.82			
19320	TexRus	7,111.00			
19178-R	TexRus	390.00			
19435	TexRus	5,681.39			
19435	TexRus	-			
19435	TexRus	-			
321577	Timber & Marine Supply Inc	20.66			
872630	Tongass Business Center	149.21			
872650	Tongass Business Center	130.51			
878321	Tongass Business Center	9.31			
872631	Tongass Business Center	34.08			
878740	Tongass Business Center	31.87			
878321	Tongass Business Center	(9.31)			
884110	Tongass Business Center	241.04			
888630	Tongass Business Center	58.22			
898510	Tongass Business Center	97.69			

# SOUTHEAST ALASKA POWER AGENCY - DISBURSEMENTS

December 2016 & January 2017

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	Construction	New Gen
1320134	Tongass Engineering		17,562.50		
364530	Tongass Trading Company Inc	26.96			
T58839	Tyler Industrial Supply	574.84			
T59080	Tyler Industrial Supply	463.98			
T62553	Tyler Industrial Supply	429.99			
BF100522W0022	USDA Forest Service	99,206.35			
131079	Van Ness Feldman PC	243.55			
131086	Van Ness Feldman PC	892.50			
M849	Vigor Alaska LLC			786.67	
M850	Vigor Alaska LLC			3,832.29	
M851	Vigor Alaska LLC			3,307.00	
M852	Vigor Alaska LLC			2,205.00	
M853	Vigor Alaska LLC			360.00	
WF09I-201612	Wells Fargo 2009 Interest	27,750.52			
WF09I-201612	Wells Fargo 2009 Interest	-			
WF09I-201701	Wells Fargo 2009 Interest	27,750.62			
WF09I-201701	Wells Fargo 2009 Interest	-			
WF09P-201612	Wells Fargo 2009 Principal	64,166.67			
WF09P-201701	Wells Fargo 2009 Principal	64,166.67			
WF15I-201612	Wells Fargo 2015 Interest	40,640.63			
WF15I-201612	Wells Fargo 2015 Interest	-			
WF15I-201701	Wells Fargo 2015 Interest	40,640.63			
WF15I-201701	Wells Fargo 2015 Interest	-			
281	Woffinden, Jeimi	287.40			
2242	Wrangell Chamber of Commerce	500.00			
1	Wrangell City & Borough	4.00			
REBATE WRG FY16	Wrangell City & Borough	181,125.60			
62647	Wrangell Sentinel	43.13			
62889	Wrangell Sentinel	172.50			
INV3870	X2nSat	6,145.00			
INV3870	X2nSat	-			
201611	Bank of America	12,953.74		73.11	
201612	Bank of America	19,725.92		325.63	
201611	Employee Reimbursement	109.91			
<b>Total Disbursements</b>		<b>1,514,073.72</b>	<b>31,486</b>	<b>1,784,385</b>	<b>156</b>
		<b>\$3,330,100.19</b>			

\* Bank of America credit card charges include all travel, most telecom and some utility:  
 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 CEO REPORT

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DATE: February 1, 2017  
TO: SEAPA Board of Directors  
FROM: Trey Acteson, CEO  
SUBJECT: CEO Report

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### **GOVERNMENTAL AFFAIRS:**

Activity at the Federal level is gaining momentum quickly. Commissioner Norman C. Bay of the Federal Energy Regulatory Commission (FERC) tendered his resignation last week after President Trump named Cheryl LaFleur as the new Acting Chairman, a capacity she has served in twice before. This will leave only two sitting FERC commissioners – LaFleur, and Colette D. Honorable, and three open seats. Honorable's term expires in June of this year. FERC currently does not have a quorum and the new vacancies open the door for a potential shift in direction at FERC. The Trump administration has also put a freeze on several pending environmental regulatory changes, possibly rolling back some of the EPA's recent overreach. It is still very early in the transition, so we can expect to see further initiatives affecting the power industry.

Senator Murkowski and the USFS have both recently filed comments challenging the use of NAAS data in land value assessments. This is in direct support of our Alaska Federal Land Fees Group's challenge to the 71% increase last year.

Work continues on resolving our project boundary issue in the headwaters of Lost Creek on the Swan Lake Hydroelectric Project. As you may recall, our amendment died last year with the failure of SB2012 in the final days of the session. I have engaged our D.C. legislative counsel and we are securing meetings with the Alaska Federal Delegation to discuss finding another appropriate vehicle to advance our amendment. I also met briefly with Ed Fogels (Deputy Commissioner of Alaska DNR) this morning in Juneau and he has agreed to a follow-up meeting to discuss this and a couple of other outstanding DNR issues. Other items include the DNR reclamation fund and transmission line surveying requirements.

The Energy and Natural Resources Committee, which Senator Murkowski chairs, stated last week that the newly introduced Senate Bill 215 would authorize a 10-year continuation of the FERC license for the Mahoney Lake Hydro Project. They make no mention of the project licensee, but again infer that it is for SEAPA's benefit to allow us more time to develop it.

Efforts to reinstate the Tongass exemption for the Roadless Rule are ongoing and SEAPA remains engaged in this effort. The Roadless Rule has had severe impacts to our region and increases the overall cost to develop and maintain energy projects. I have asked Joel to provide a legal update under Old Business at our upcoming meeting.

At the State level, this year's legislature includes 25% freshmen, so new relationships must be forged to move legislation.

Two nearly identical bills have been filed (SB39 and HB80) that would allow local governments to create a Commercial Property Assessed Clean Energy (C-PACE) program. It was proposed primarily because folks in Fairbanks are trying to encourage a move to natural gas heating and appliances. For municipalities engaged in Demand Side Management (DSM), this may help your commercial customers' transition to more energy efficient appliances, heating systems, lighting, and weatherization. Business owners are often reluctant to make such investments because they don't think they will be there long enough to re-coup the initial cost. This legislation seeks to encourage energy efficiency improvements and provides a more secure cost recovery mechanism, with possible lower borrowing rates. Repayment is through a property tax assessment that stays with the property through the life of the loan. End users benefit from lower energy bills and municipalities may avoid costly capital investment to meet electrical capacity requirements. Stated in a different way, halting load growth through energy efficiency DSM measures may delay or eliminate the need for your utility to buy that next increment of diesel backup generation. Thirty-three states have already enabled similar programs. Although this is not something SEAPA can implement, if implemented by any of our three member utilities, it could impact our load forecasting. It is important to note that municipal participation is voluntary. I have attached a summary of the program for your convenience (Attachment 1).

Legislation has also been introduced that will expand coverages for Workman's Compensation, which will likely increase costs to the Agency.

The future role of the Alaska Energy Authority (AEA) is unclear and being widely debated. There is a report due out next week that was directed in SB138 last year to investigate consolidating AIDEA, AHFC, and AEA functions under a single umbrella and it appears things are already headed in that direction. Much of AEA's staff has departed, resulting in big gaps in expertise and loss of credibility. To make matters worse, AEA rolled out their Alaska Affordable Energy Strategy last week and it has been met with fierce criticism from utilities around the state. The report, costing over \$1.6 million, strayed off course of the objectives laid out by the legislature and included concepts such as a universal service charge (tax) and RCA siting authority (overreach and extra cost for new development). Several legislators have indicated the report did not meet expectations and did not see any action coming out of it.

## **PUBLIC RELATIONS:**

SEAPA's year-end Community Flyer has been completed and distributed. I will also be scheduling personal appearances in all three member communities during the first quarter to showcase the completion of the Swan Lake Reservoir Expansion Project and discuss other ongoing initiatives.

Staff has been working closely with the KPU telecommunications video group to help shape audio content and final editing of the Swan Lake Reservoir Expansion Project construction video. We anticipate this to be completed before the end of the quarter and it will be posted to our website for public viewing. When the weather moderates in the spring, we'll look for an opportunity for an official celebration to memorialize completion of the project.

## **LOAD FORECAST:**

I distributed the updated load forecast last quarter to the member electric utility managers for preview and comment. As follow-up, I have requested that D'Hittle and Associates attend our April Board meeting to present their findings and current projections. It is important that we monitor the evolution of our system loads and review assumptions on a regular basis, as this will help us make better informed decisions on future capital investment into new generation and transmission assets.

## **HYDROSITE INVESTIGATIONS:**

I have assumed the lead role to facilitate completion of the Agency's regional hydrosite investigation effort. Activities were halted during the Swan Lake Reservoir Expansion to allow our limited staff to focus on completion of that priority project within the narrow construction window. The hydrosite investigation is a grant funded initiative and we have secured a one-year extension to complete the work. The overall objective is to perform core engineering and analysis necessary to select appropriate energy resource projects that match the region's expected load profiles, avoid the stranding of assets, and provide the least cost energy to the region's ratepayers.

Following a recent conference with SEAPA's contractor, McMillen/Jacobs, an in-person meeting is scheduled on February 17<sup>th</sup> in Ketchikan to review expectations and chart a clear path to completion. The hydrosite investigation to date has focused on about a dozen higher value assets out of a list of about sixty, and at varying degrees depending on existing data gaps, applicability, and within existing funding constraints. The majority of field data for these projects has been collected, along with significant office based research, analysis, and engineering. I anticipate a limited field effort will be necessary this summer to fill in a few remaining information gaps. The final and perhaps most challenging step is to succinctly merge everything into a single library suitable for public consumption. This requires maintaining data integrity across multiple linked data sets. Since this library is the first of its kind, there is no model to emulate and the vision of the final end product has evolved over the last couple of years. We need to recognize that this is not only a research and engineering effort, but also a complex database element not typically found within the skill sets of engineering firms.

We also have a hydrosite investigation item in the FY17 budget for staff to hire an independent review of the third turbine at Tyee. I'll be working to facilitate completion of this work prior to the end of the fiscal year.

## **KAKE TO PETERSBURG INTERTIE (KPI):**

SEAPA has been granted a one-year extension for its KPI grant. IPEC and AEA have agreed to delay meeting on the project until after the State legislative session to allow time to fully vet options. Although there is a current hold on re-appropriations in the State legislature, the status could change during this session and possibly influence the path forward.

## **BEST PRACTICES AND PROCESS IMPROVEMENTS:**

SEAPA recently received a final draft of our new Health & Safety Plan from our safety consultant. It will be implemented after final review is complete.

Efforts are ongoing at Tyee to update the preventative maintenance database and operational procedures. We are working with Kleinschmidt to expedite the process.

**PERSONNEL:**

SEAPA's Director of Special Projects terminated on January 13<sup>th</sup>. The Agency is actively recruiting for a Director of Engineering and Technical Services as a replacement. I have reviewed several applications and conducted phone interviews to identify qualified applicants. We will begin follow-up interviews in Ketchikan on February 13<sup>th</sup>. This position is open until filled.

Our Brushing Technician based in Wrangell has terminated. This is a Union represented position and has advanced past the mandatory five-day in-house posting. It is now open to all applicants and is being advertised in our member communities, as well as Prince of Wales.

Attachment 1:  
C-PACE Summary



## Commercial Property Assessed Clean Energy (C-PACE)

Sean Skaling, Asst. Executive Director  
& Energy Policy Director  
Alaska Energy Authority

Gene Therriault, Energy Policy Assistant  
AEA/AIDEA

House Energy Committee

January 26, 2017



# C-PACE Scenario





## How C-PACE Works

- VOLUNTARY
- Long-term financing
- Attractive loan terms
- Less risk
- Positive cash flow
- Seamless transfer if building sold
- Repayment attached to property



# C-PACE Eligible Improvements

## Energy efficiency

- Heating/cooling system
- Lighting
- Controls
- Building envelope/insulation
- Motors/pumps



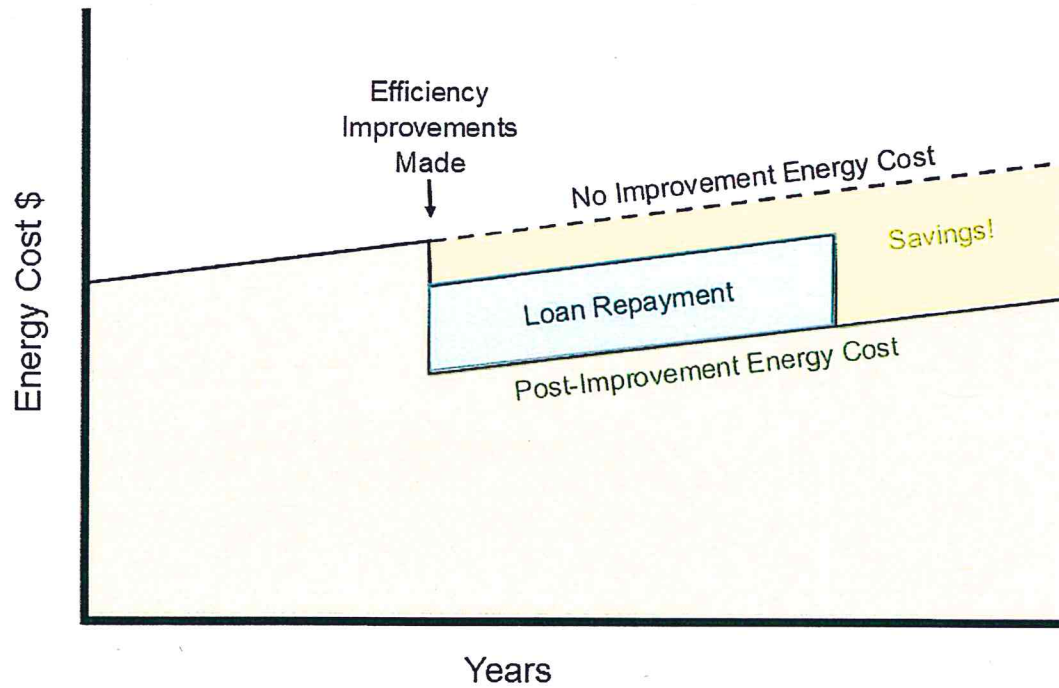
# C-PACE Eligible Improvements

## Alternative energy

- Heat pumps
- Solar
- Fuel switching with efficiency



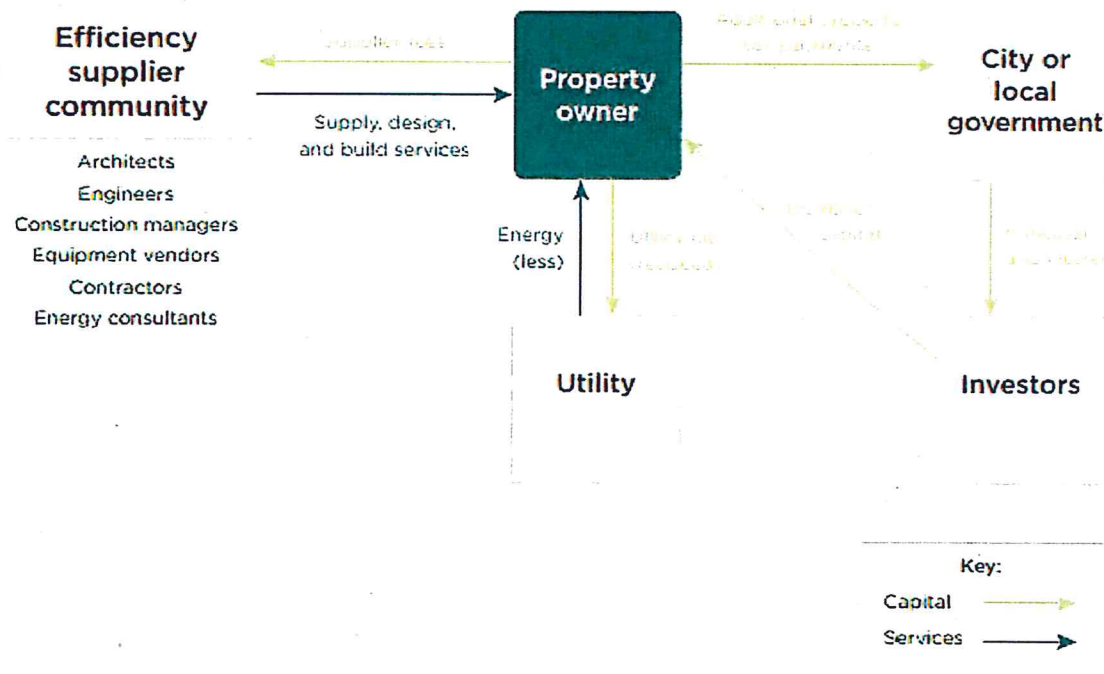
# Cash Flow from Energy Efficiency





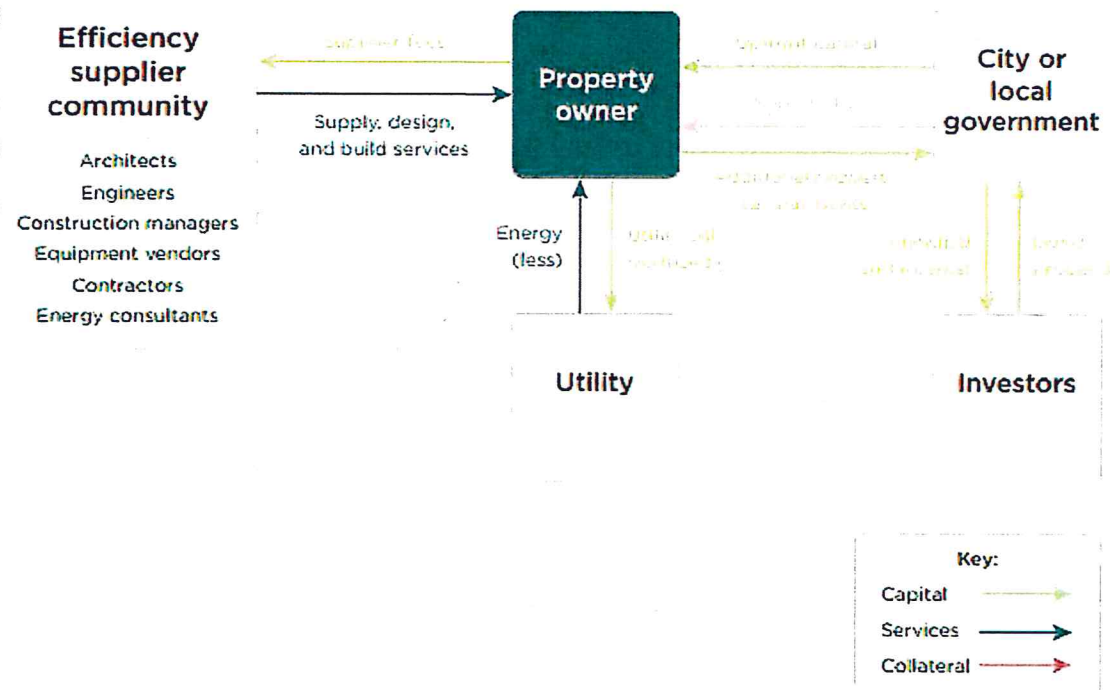
# PACE: How Loan is Repaid

## Property Assessed Clean Energy (PACE)—Open Market

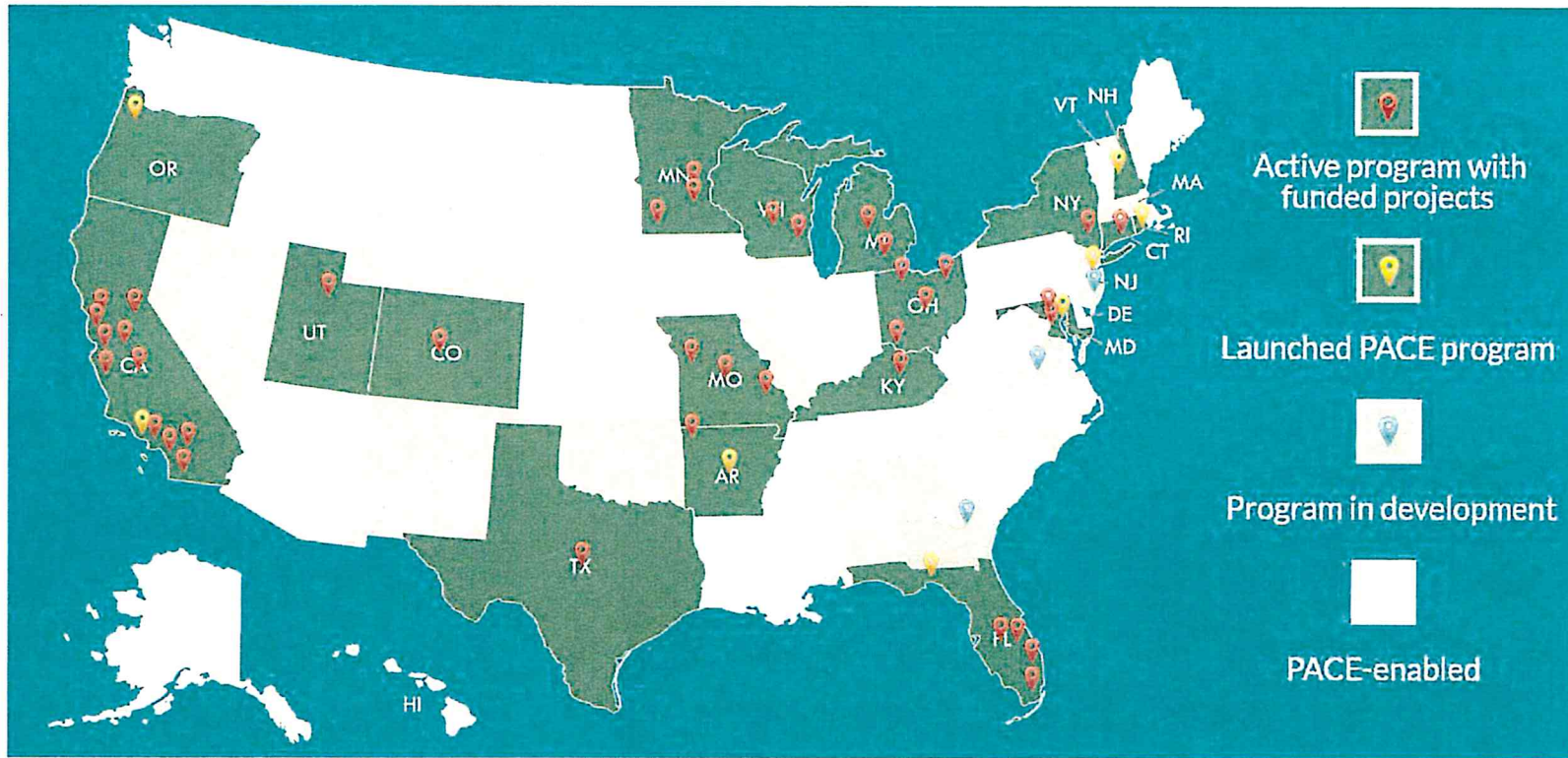


# PACE: How Loan is Repaid

## Property Assessed Clean Energy (PACE)—Closed Market

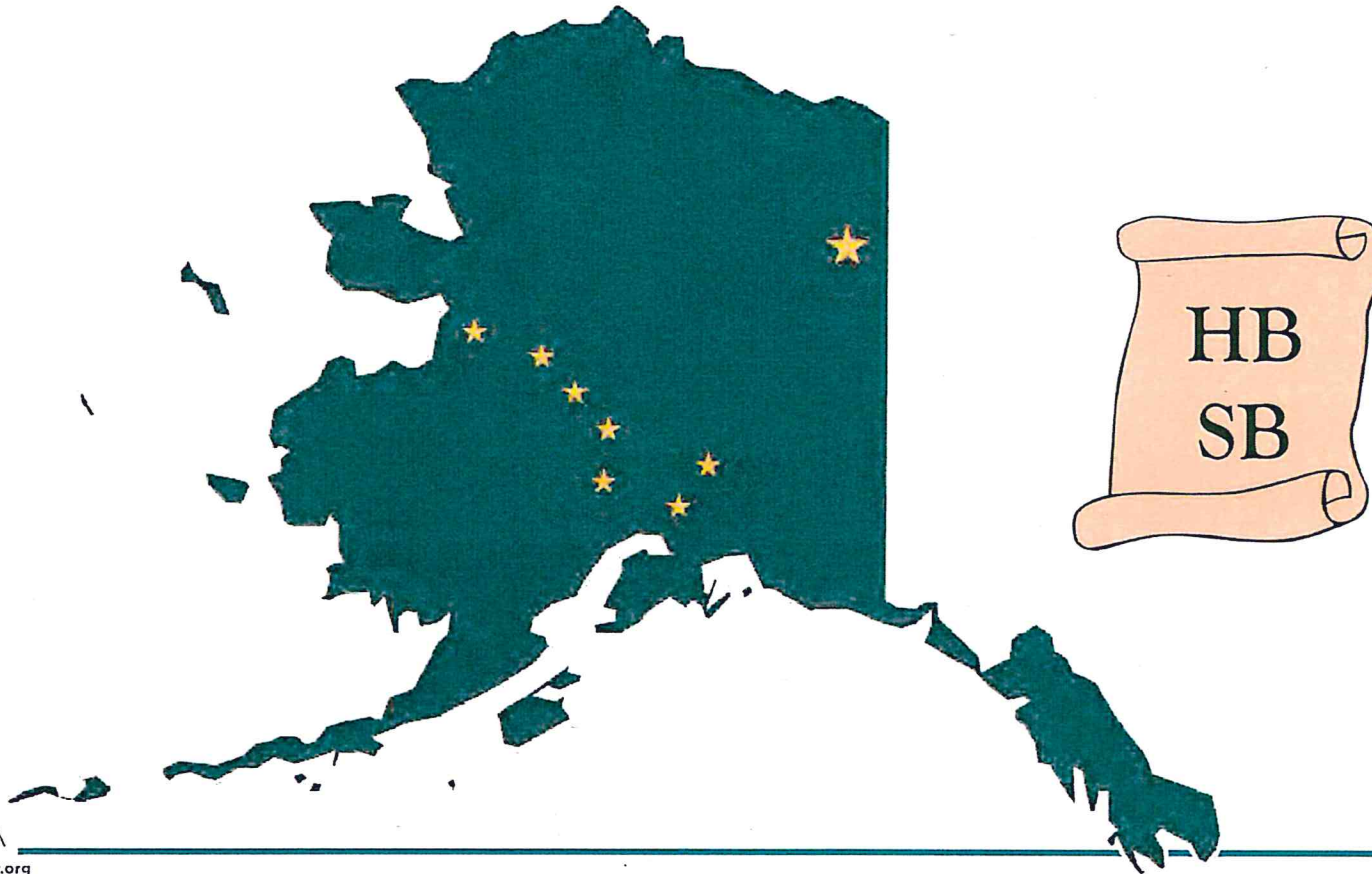


# 33 States Enabled PACE





# Time to Add Alaska to the Map



## C-PACE is a Win-Win-Win...

- Property owners
- Lenders
- Contractors, vendors
- Energy auditors
- Alaska economy



## Financing Options

- Bank loan
- Muni revenue bond
- Energy Efficiency and Conservation Loan Program (EECLP)
- Rural Energy Savings Program (RESP)
- Other federal sources

## Easy Win for Alaska

- Fully vetted last session
- Strong support
- Completely voluntary
- No cost to State
- Helps local and state economy

# C-PACE New Scenario







ALASKA ENERGY AUTHORITY

813 West Northern Lights Blvd.

Anchorage, Alaska 99503

Phone: (907) 771-3000

Fax: (907) 771-3044

**Toll Free (Alaska Only) 888-300-8534**

*AEA's mission: Reduce the cost of energy in Alaska.*



[www.akenergyauthority.org](http://www.akenergyauthority.org)

**Date:** January 30, 2017  
**To:** Trey Acteson, Chief Executive Officer  
**From:** Steve Henson, Operations Manager  
**Re:** Report for February 8-9, 2017 Board Meeting

**MAJOR CONTRACTS and PROJECTS**

**ATV Use on the Tyee Transmission System**

Meridian has been selected for the permitting effort required by the USFS for the use of the ARGO on select areas of the Tyee transmission line right-of-way. The final Environmental Assessment is being reviewed by the U.S. Forest Service.

**Dredging/Road Tyee Lake Harbor**

SEAPA has applied to the Corps of Engineers for assistance with design and implementation of a plan to alleviate the silting in the Tyee Lake harbor area. The application is currently under review in Washington, D.C.





## **RR232-13 Satellite Communications System**

SEAPA has contracted with X2NSAT to provide Satellite services for Swan Lake and eventually to Tyee and any future sites. The installation of the satellite and phone system at Tyee has been delayed until the new service provider and installation contract are in place. We anticipate a time frame of early spring to get Tyee up and running.



## **RR263-16 Current Transformer and Relay Installation**

The next phase of the Wrangell Circuit Switcher Project is the engineering, procurement, and installation of CT's on the spur line so that this section can be protected and sectionalized by relay action in the event of a line fault.

We have contracted with Electric Power Systems for the engineering and design phases of this project. A Request for Proposals for construction will be issued in late February. The CT's have been purchased and delivery is anticipated sometime in mid-May.



## **Tyee Lake Maintenance and Procedures Review**

SEAPA has contracted with the Kleinschmidt Group to assist us with the review of our maintenance practices and operation procedures. Although Tyee has an excellent availability record of more than 99% over the last 20 years which speaks to the dedication of plant personnel, we feel it is time to review and assess our maintenance practices and procedures to insure we are up to today's standards. A site visit was conducted by the consultant on December 6-7, 2016, to review the maintenance practices, standard operating procedures and equipment associated with the Tyee system and to interview plant personnel. Kleinschmidt is presently working on the review and update of individual maintenance procedures, updating equipment lists and adding new equipment to the maintenance system.

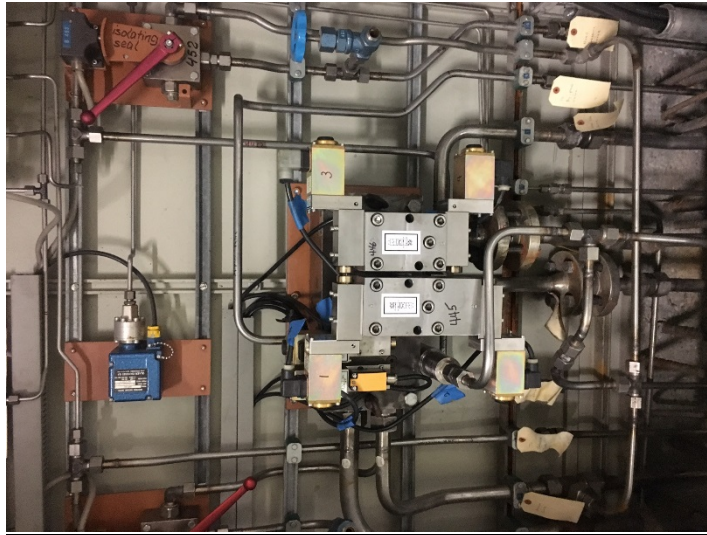


## **Tye Lake Turbine Shutoff Valve Controls**

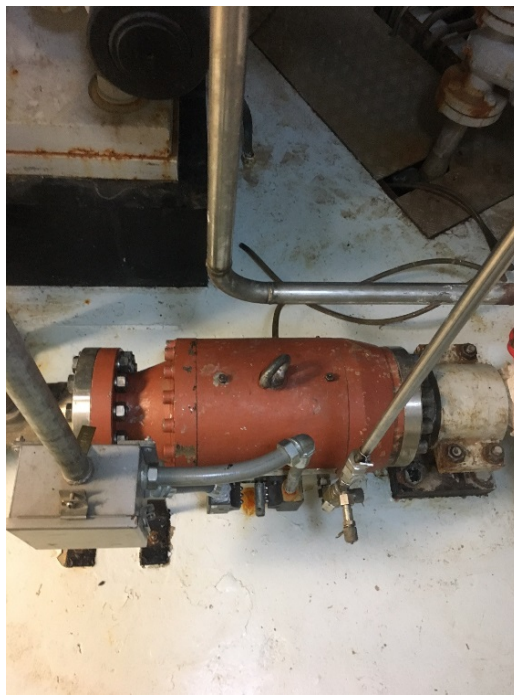
Unit #1 turbine shutoff valve control (TSV) blocks have been replaced and the bypass valve has been rebuilt and installed. The system has been checked out and is functioning properly.

As soon as the loads and other projects allow unit two will be addressed.

### **#1 TSV Control Cabinet**



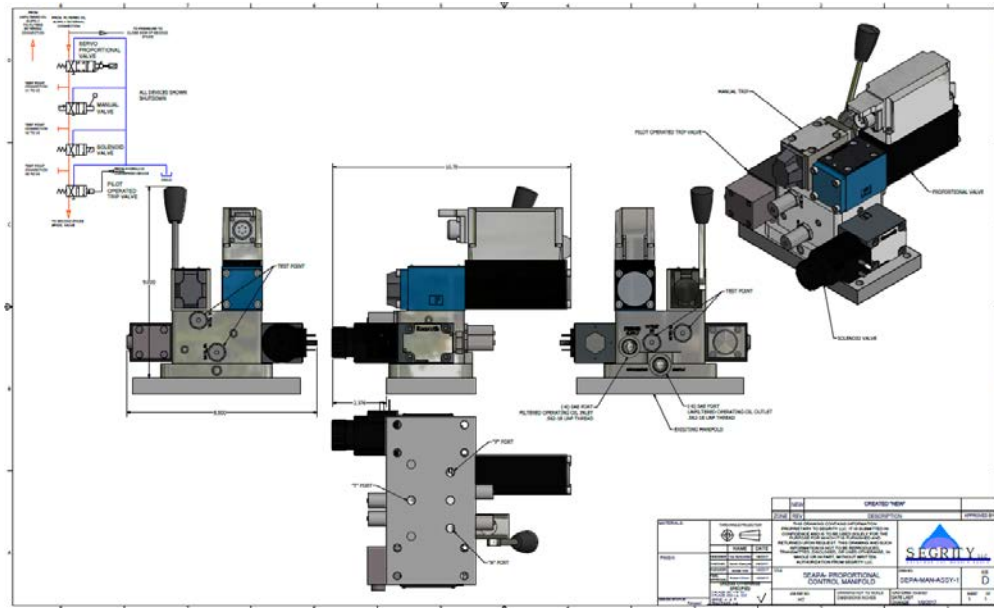
### **#1 TSV Bypass Valve**





## **RR275-17 Tye Lake Governor Manifold Replacement**

The existing L&S Universal Manifold, which is a proprietary piece of equipment, has issues at times until it cools down. This project will replace that manifold with a reliable off-the-shelf manifold that uses standard solenoid valves, enabling future support and reliable in-service operation.



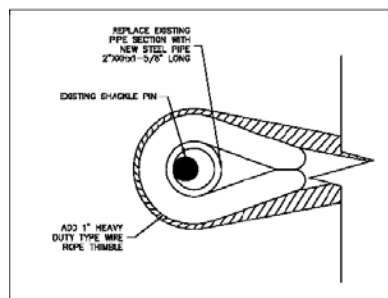
## **RR276-17 Schweitzer RTAC Upgrades**

This project will replace the existing Schweitzer 3354's with Real Time Automation Controllers (RTAC's), upgrade the software and programming at both facilities, and add an Ethernet connection to the exciters.

## **2017-2019 Annual Transmission Line Maintenance**

A Request for Proposals has been issued for a three-year contract for Transmission Line Maintenance of the SEAPA system. Staff will seek board approval to award the contract under New Business during the board meeting.

Installation of thimbles on the attachment points of guy wires on the Swan-Tye Intertie line has been incorporated into the transmission line maintenance contract.



Damper replacements for the Tye Lake Transmission Line have also been incorporated into the transmission line maintenance contract.

### **Swan Lake Transmission Line Brushing, Carroll Inlet Area**

A Request for Proposals was issued for brushing on the Swan Lake line, Carroll Inlet area. Staff will seek the board's approval for a contract under New Business during the board meeting.

### **Future R&R Projects - Fiscal Year 2018**

1. Installation of New Helipads on the Swan Lake Transmission Line. An assessment was made in 2015 for the need of additional helipads for the Swan Lake Transmission Line. Since then, the State of Alaska has begun a road to Carroll Inlet that will allow greater access to our transmission corridor. Upon its completion, we will conduct a further evaluation to determine the need for more helipads.

2. Ladders for the new Swan-Tyee Intertie Helipads and Access Trails to Towers.

3. Brushing contract for the Swan-Tyee Intertie line in the Neets Bay area, which has a rapidly growing Alder population.

4. Vehicle replacements.

5. Replacement of all needle restoring mechanisms on the Tyee nozzle control heads.

### **Tyee Lake Report**

- Additional solar panels are being added to marine terminal sites.
- Brushing on Wrangell Island in the area of the spur line from the Wrangell Switchyard to Zimovia Highway.
- New LED wall packs were purchased for installation in exterior areas of the Tyee Project.
- New lighting was installed in the Turbine guide bearing area.
- Replacement of the penstock tunnel lighting is in process. This will be a time-consuming project consisting of 1,800 feet of conduit, wiring, and junction boxes.
- New control manifolds for the Tyee governors are being manufactured.
- A prototype needle restoring mechanism is being manufactured to install for a test of design and reliability before manufacturing all 12 mechanisms.
- Repaired and sealed position limit switches on the turbine shutoff valves. Moisture in the switches caused a unit shutdown.
- Locating an oil processing unit for the Sub cable oil has been unsuccessful to date. It is not the same as a standard transformer oil processor and is not readily available. Companies have been contacted that do cable repair and they all have their own units but do not sell them. Attempts have been made to contact overseas manufacturers to no avail. Staff will elaborate further at the board meeting.

## **Swan Lake Report**

See attached.

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 | Feb 2017

**SAFETY | ENVIRONMENTAL | SECURITY**

- Satellite communication limitations affected phone and SCADA, back-up VHF radio tests OK.
- Ice & snow removal from intake pad, cleared drains from ice buildup, vehicle & boat prep, i.e. tire chains
- Automated lake level reporting has been returned-to-service
- A temporary rope has been placed in place of a Log Boom to contain/deflect lake debris
- Updates made to the MSDS (GHS) system
- Oil Room fire door switch install complete, punch list item from Yukon Fire annual inspection

**OUTAGES | UNIT CONSTRAINTS | RESERVOIR LEVEL**

- Tyee #2, Jan 16<sup>th</sup>, tripped off-line twice, cause attributed to wet contacts, KPU system experienced load-shed. A temporary remedy was to reduce Tyee gen., increase Swan generation to cover
- Tyee #2, off-line, Jan 17<sup>th</sup>, for investigation & repairs
- Swan #2 incomplete start sequence inhibits solved with Cooling Water Valve hang-up
- Reservoir level: 293.7 on January 25, 2017

**MAINTENANCE (REGULAR)**

- Yard lights- intake building remains open
- Intake building door adjusted, space heater installed
- Water Strainer Control Box installed, additional controls required, red-lines complete
- Maint. Shop vault work on frozen pump and pipes, in progress
- Ordered new Unit #2 bearing oil temp gauge (Tserice Gauge Co. )
- Public Bathroom repair, door frame rotten, replacement in progress
- Gazebo main water line valve repairs, remains in progress
- Rebuilt toilet in House 102
- Procurement of replacement draft tube dewatering valve, remains in progress

**Project Support (Pool Rise Project)**

- Fabrication of plates and covers, in progress
- Support of temporary boom systems (cattle catcher disconnected) as requested by SEAPA

- Install support for emergency generator at intake structure, in progress
- Install support for intake house compressor and air services. Incorrect operating voltage was ordered and required detailed conversion and troubleshooting

#### COMPLIANCE

- Scott air packs, one additional added in control room
- Yukon Fire annual inspection of 9-20-2016
  - Extinguisher cycling in progress, 7 new brought in for exchange

#### Attachments/Images



Above: Reading Lake Level Staff Gauge



Below: Icy access, need for hand rails and guards





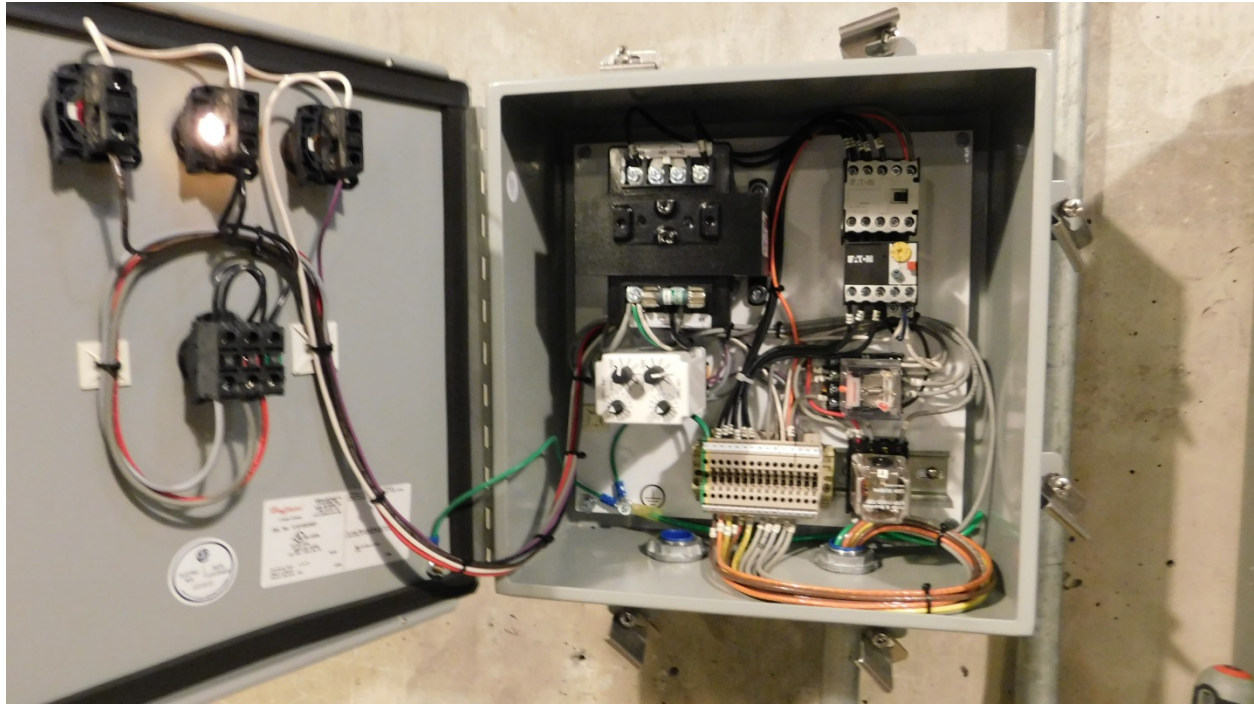


Above: Access to compressor room

Below: Fabrication of Emergency Generator Transfer Switch & connection port







**New Controls for Water Strainer Basket Below: Temporary Gate Valve debris guard disconnected for season**





## SOUTHEAST ALASKA POWER AGENCY

Ed Schofield / Power System Specialist

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**Date:** January 31, 2017  
**To:** Trey Acteson, CEO  
**From:** Ed Schofield, Power System Specialist  
**Subject:** February 8-9, 2017 Board Meeting Report

### Swan Lake Debris Boom

At the time of preparing this report, the replacement Swan Lake Debris Boom design drawings are within days of 100% development. Final drawings for installation are expected to be received from Worthington Products, Inc. by the end of this week. Worthington reported last week that all boom materials, with the exception of the anchoring cables, are in stock at their warehouse and ready to ship. Anchoring cable design is the last remaining item to complete the 100% design drawings. Worthington is confident the final design anchor cables will be a standard readily available for purchase and will not be a constraint on the proposed installation schedule. All Worthington boom materials will ship to Ketchikan once the anchor cable has been purchased.

McMillen is developing boom shore anchor designs and anchor technical specifications. The shore anchor design is presently at the final 100% design stage and will be complete in sequence with 100% boom design provided by the Worthington boom manufacturer.

The Swan Lake replacement debris boom is a standard Worthington design, which consists of a chain of interconnected 10-foot long HDPE float logs with a 24-inch metal debris screen extending below each float log segment. The total boom length will be approximately 950 feet and will cover lake elevation from 345.0' to 271.5'. The boom will be equipped with a debris removal gate, 23-feet wide with a 16-foot draft, which will provide a means of transferring large debris past the boom over to the debris removal site located at the north abutment of the dam.

The boom's shore anchoring system will consist of three bedrock anchor attachment points, one on the south shore and two on the north shore.

SEAPA staff has developed the Debris Boom assembly and installation Request for Proposals. As soon as the final design drawings and assembly manuals are provided from Worthington, the RFP will be submitted for advertisement in all three SEAPA member communities.

Due to limited access to the upstream side of the Swan Lake reservoir, this project has some challenges. All boom materials must be transported from the downstream side of the dam to the reservoir surface. Lake elevation is estimated to be at or around 280.0' at the time of boom installation (Dam access road elevation 344.0'). Once materials are on the water, a means of



assembling the boom on the reservoir will be required. The installation of the shore anchors will involve transporting anchor brackets that weigh approximately 500 to 600 pound each, drilling equipment, and other hand tools over the reservoir surface and then up a 45% slope to elevation 350.0 feet on the north and south lake shores. The anchoring sites themselves will need to be cleared of all organic materials to expose solid bedrock suitable for rock anchor placement. Six rock bolts 2.5-inches wide by 15-feet deep will be required for each anchor. The anchor brackets will be mounted to the anchor bolts and the bracket base will need to be grouted.



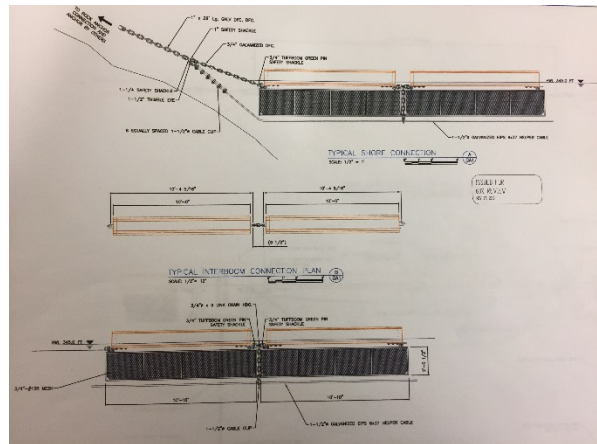
**North Dam Abutment & Debris Removal Work Platform / Reservoir Access site**



**Debris Boom & Shore Anchor locations**

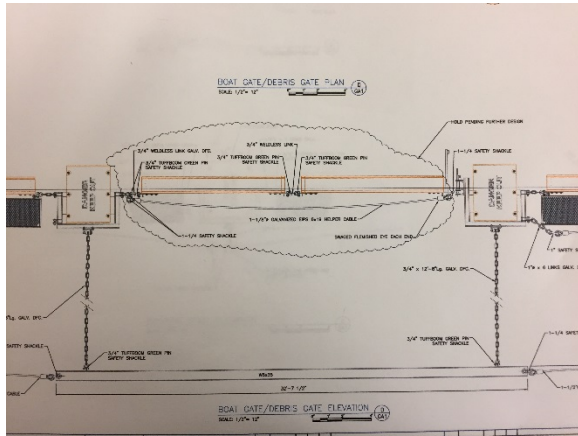


**Typical HDPE Debris Boom**

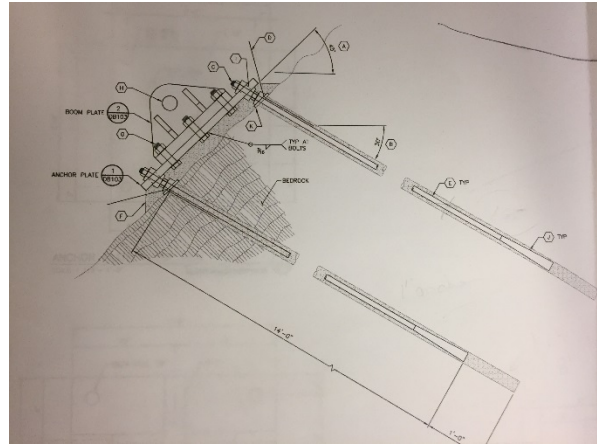


**Swan Lake Typical Boom Design**





**Boom Debris Transfer Gate**



**Boom Shore Anchor**

### Swan Lake Reservoir Expansion Project Status & Owner Completion Tasks

As reported to the Board at the December 2016 meeting, the Swan Lake Reservoir Expansion Project's civil, mechanical, and electrical contracted scope of work (SOW) is complete and all installed equipment is functional as required under the contract. This statement does not mean that the Project is 100% complete. A number of small projects remain to be completed by the owner. This is not a deviation from the original planned scope of work for this Project. There were a number of items listed throughout the original contract drawings noted as owner provided.

Due to the Project's physical location on the crest of the dam's spillway, it was known that flood or spill could jeopardize the success of the Project. For this reason, the contract SOW prioritized all contractor work to spillway equipment installation. Items thought not to be critical to flood control were declared secondary and noted as owner provided. This provided the owner the latitude to either complete these items with in-house labor, issue a change order, or develop task orders with additional contracts. As the Project progressed, time constraints were ever present and all contractor efforts were focused on critical path tasks since a majority of the owner provided tasks could wait until after commissioning of the spillway equipment.

The following is a list of projects remaining to be completed:

- SEAPA provided a Programmable Logic Controller (PLC) to interface with the manufacturer's PLC and communicate with plant PLC
- Man ladder access to spillway and south dam abutment
- Debris Boom assembly and installation (separate R&R Project)
- Lake boat access and moorage
- Flashboard trigger equipment security fencing
- Dam access man gate
- Fall protection fencing
- Intake building intrusion alarms
- Intake apron outside lighting
- dam settlement survey target replacement

- Debris pad ground protection mats

SEAPA and KPU's Swan Lake staff are working cooperatively to complete many of the close-up projects. Outside contractors have been and will continue to be retained by SEAPA to complete projects that are beyond KPU's physical or technical abilities.

Projects completed to date include:

- Utility trench end covers - KPU
- Hydraulic Line protection Ballard's - KPU
- Temporary Debris Boom installed – Outside contractor
- Relocation of Intake building phone - KPU
- Intake Gate Hydraulic Power Unit (HPU) commissioning – SEAPA, Outside contractor and KPU
- SEAPA PLC installed / Interconnect to FWG PLC (hardwired) - Outside Contractor
- Intake gate PLC alarm points (Hardwired to PLC) - Outside contractor
- Calibration of Intake Gate Restoring switches - SEAPA
- Ground protect matting purchased - SEAPA
- Danger and Warning signage developed and purchased – SEAPA
- Bubbler compressor house installed – Outside contractor
- Bubbler compressor mounting and commissioning - KPU
- Bubbler compressor and building wired - Outside contractor
- Debris Boom Design complete – Outside contractor
- Debris Boom Anchor design complete - Outside contractor
- Plunge Pool Survey – Outside contractor
- Overhead transformer installation - KPU
- Kuenz equipment mobilization - Outside contractor
- Concrete quality control testing – Outside contractor
- Special testing quality control testing – SEAPA

There are also several ongoing agency licensing conditions that are directly related to the Swan Lake Reservoir Expansion Project's FERC license amendment.

The following are remaining licensing condition tasks requiring completion:

- Final Board of Consultants' meeting (May 2017) and FERC Report
- Rare and Invasive Plant surveys (2017/ 2018)
- Update and rewrite of all FERC documents containing the Project's physical and operations descriptions
- Redevelopment of the “Standard Technical Information Document” (STID) for FERC
- Update of the Swan Lake Emergency Action Plan (EAP)

The completion of all license amendment tasks will not be final until the submittal of the FERC 2019 Part 12 Report.

Although there are many ongoing tasks related to the Swan Lake Reservoir Expansion Project, all of the civil, mechanical, and electrical items related to the Fixed Wheel Gate and Flashboard Gate (dam spillway equipment) have been commissioned and are in service. Commissioning reports are on file at the Swan Lake facility for operator review, together with operation manuals, service manuals, and AS-Built drawings for all installed equipment.



The Swan Lake Dam (1-10-2017)

### **SEAPA R&R Project Update**

The Swan Lake Exciter and Generator Switchgear Replacement Project was delayed in March 2016 due to high water conditions at the Swan Lake reservoir and the need to control spill throughout the Reservoir Expansion Project with hydro generation. Hydro generation is the only means to control reservoir spill at this facility. The exciter and switchgear replacement project will require an estimated four to six weeks of out-of-service periods per unit. The Project is now scheduled for the spring of 2017. The replacement exciters and switchgear, installed in new enclosure cabinets, are currently staged in the Swan Lake Powerhouse. A Request for Proposals will be issued in April for the installation of these items. It is currently estimated that work will start in May 2017.





**Replacement Exciters & Switchgear**



**Switchgear Cabinets - access doors**



**Swan Lake existing Exciter & Switchgear cabinets to be removed and replaced**

## Tyee Stream Gage

The Tyee Stream Gage Project encompasses a couple of different individual projects within one project, including the Tyee Weir construction, which is now complete. The Tyee Weir was constructed in a naturally occurring narrow outlet stream canyon. The weir will be used to accurately measure Tyee Lake spill, a task that up to now has never been possible. Accurate spill measurements will help establish better potential energy capacities for the Tyee project. The weir was constructed in a canyon that naturally restricted the lake's outlet flows. Not only was the weir site favorable for construction, it was the only practical location for a measurement weir. One defect existed, however, with the weir location. The rock foundation is made up of large to very large boulders, which have numerous underground voids. This permits the escape of many cubic feet of water (cfs) that inhibits accurate spill measurements and reduces energy capacity. Two successful efforts have been made to date to seal the voids between the boulders. To date, we believe that 80 to 90 percent of known voids have been sealed.

It is currently anticipated that the next spill will occur this spring. Staff will investigate further at that time to determine the true success of the sealing efforts. Depending on the amount of leakage discovered, if any, further corrective actions will be determined at that time.

The Tyee Stream Gage Project also includes construction of a communication and emergency shelter. The foundation for the shelter is complete, and a portable fiberglass shelter has been purchased and will be placed at the lake this coming summer. Once the shelter is in place, weir spill measurement devices can be installed and the information transmitted back to the Tyee Powerhouse.



**Tyee Lake Spill Measurement Weir**



**Downstream Voids of Tyee Weir**

## **Swan Lake Air Admission Valve Piping Replacement**

This Project will replace for both units at Swan Lake, a three-inch cast iron pipe that supplies air to the underside of the Swan Lake hydro runners. The Air Admission System is designed to decrease the amount of vacuum on the downstream side or discharge end of the Francis runners as the water passes through. The Air Admission System, by decreasing vacuum, increases unit efficiency and decreases cavitation damage to the runners and draft tubes or water discharge channels. The air admission piping is subjected to saltwater submersion at high tide when units are off line. Over time, this has deteriorated the cast iron air admission supply piping to the point of exposing small openings which leak salt water into the powerhouse when the units are offline. The leaking has been temporarily repaired by encapsulating the outer portions of exposed pipe with heavy tape designed for this purpose. The majority of the air admission piping or about 80% of its length is casted within the Powerhouse's concrete foundation. To repair the piping, an injected epoxy coating process will be used. This method will permit repairs of the piping without destructive measures.



**Agenda Item 11A**  
**Old Business**

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**Roadless Rule Update**  
**by Joel Paisner**  
(Discussion Only)

**Agenda Item 12A**  
**New Business**

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**2017-2019 Annual Transmission**

**Line Maintenance Contract**

**(to be provided as handout at board meeting)**



## SOUTHEAST ALASKA POWER AGENCY

**Date:** January 31, 2017  
**To:** Trey Acteson, Chief Executive Officer  
**From:** Steve Henson, Operations Manager  
**Subject:** Swan Lake Transmission Line Brushing Project, Carroll Inlet Area

A Request for Proposals for the Swan Lake Transmission Line Brushing Project, Carroll Inlet Area, was advertised on January 3, 2017. The following three (3) bids were received on January 30, 2017:

Bidder	City/State	Bid Amount
BAM LLC	Ketchikan, Alaska	\$113,300
Gage Tree Service, LLC	Wasilla, Alaska	\$166,250
Carlos Tree Service, Inc.	Anchorage, Alaska	\$182,785

An independent review was conducted and each proposal was evaluated based on experience with Alaska generally and Southeast Alaska in particular in carrying out similar projects, appropriateness of the proposed general approach to the work, capacity to respond to the required work in a timely and efficient manner, competitive pricing, and completeness and quality of bid documents.

Based on an evaluation of the bids presented, staff recommends award of the Swan Lake Transmission Line Brushing Project, Carroll Inlet Area, to BAM LLC. All three bids were well presented, responsive, and met the criteria required for the project, however, BAM LLC was the low bidder, and their bid is within the amount authorized by the Board in the FY17 budget.

Please consider the following suggested motion:

SUGGESTED MOTION
<b>I move to authorize staff to enter into a Contract with BAM LLC for SEAPA's Swan Lake Transmission Line Brushing Project, Carroll Inlet Area, for the not-to-exceed value of \$113,300.</b>



## SOUTHEAST ALASKA POWER AGENCY

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DATE: January 27, 2017  
TO: SEAPA Board of Directors  
FROM: Trey Acteson, CEO  
SUBJECT: Consideration of Sole Sourcing Spare Set of Flashboards and Kickers  
for SEAPA's Swan Lake Hydroelectric Project

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The SEAPA Board may want to consider purchasing a spare set of flashboards and kickers to have on site at the Agency's Swan Lake Hydroelectric Project for future use in the event of a release, damage, or panel degradation to the flashboards and kickers over time. The anticipated cost is approximately the average amount of the anticipated annual savings of the additional storage capacity.

Section 8.4 of SEAPA's Procurement Policy provides that the following may be purchased or contracted for without competitive bidding or soliciting quotations:

When the improvements, supplies, materials, equipment or contractual services should be purchased from a specific source in order to prevent incompatibility with previously purchased supplies, materials, equipment or contractual services. For purpose of this subparagraph, the term "incompatibility" is defined as: ... (ii) that which causes substantial duplication in maintenance, expertise or training or the stocking of parts, materials, supplies or replacements. Any purchase which is to be excluded from competitive bidding by the authority of this subparagraph which exceeds \$100,000 must first be approved by the board.

The flashboard system is a unique design and purchasing a set from the original equipment manufacturer, Kuenz America Inc., at this time would provide a direct replacement that could be deployed with a high level of confidence regarding fit.

The new flashboard system at Swan Lake is designed to migrate downstream in the event that the spillway vertical gate is unable to sufficiently pass flows. This scenario could occur when the reservoir is near full with a simultaneous prolonged large inflow event. Although the gate is sized to accommodate an event that has not yet occurred since records began in 1917, other external factors such as landslides could restrict flow through the vertical gate. Staff is implementing a robust debris boom to collect moderate accumulations of debris, but it is designed with a fusible link if it becomes overloaded. It is also possible a landslide could occur downstream of the debris boom, with a direct path to the vertical gate. In addition, an operational issue could be a catalyst for flashboard release.

Funding for these capital components would come from the R&R fund and would not negatively impact the current expense budget or rebate calculations.

<b>Cost Breakdown</b>	<b>Cost</b>	<b>Comment(s)</b>
Project Management and Insurance	\$59,756	
Fabrication and Delivery	\$378,800	
QA/QC	\$35,200	
15% contingency	\$71,063	currency conversion risk; fully enclosed storage containers, labor/material cost increase over original purchase
<b>TOTAL ESTIMATE</b>	<b>\$544,819</b>	

Please consider the following suggested motions:

<b>SUGGESTED MOTION</b>
<p><b>I move to designate the Spare Set of Flashboards and Kickers Project as a new Replacement and Renewal (R&amp;R) Project in SEAPA's FY2017 R&amp;R Budget and authorize \$544,819 funding for the project.</b></p>

<b>SUGGESTED MOTION</b>
<p><b>I move to authorize staff to enter into a contract with Kuenz America Inc. for the purchase of a spare set of flashboards and kickers for the Swan Lake Hydroelectric Project for the not-to-exceed value of \$544,819.</b></p>

**MEMORANDUM  
ATTORNEY-CLIENT COMMUNICATIONS**

TO: John Jensen, Chair  
Southeast Alaska Power Agency

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

DATE: February 2, 2017

RE: Suggested Motion for Executive Session

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To the extent that the Board of Directors seeks to conduct further discussions relating to potential litigation involving the Swan Lake Reservoir Expansion Project, I recommend the following motion be made:

I move to recess into Executive Session to conduct further discussions relating to possible litigation involving the Swan Lake Reservoir Expansion Project. The Executive Session will be conducted pursuant to SEAPA's Bylaws which are consistent with Alaska Statute 44.62.310 and will include matters to be discussed with an attorney retained by the Board that the immediate knowledge of which could have an adverse effect upon the legal position of the Agency, the Projects, or any of the Member Utilities represented on the Board.





## SEAPA 2017 BOARD MEETING DATES

Date(s)	Location	Comments
April 13 (Thursday)	Ktn	9-5
June 20-21 (Tues-Wed)	Wrg	Split Mtg: Tues 1-5/Wed 9-2
September 28 (Thursday)	Ktn	9-5
December 13-14 (Wed-Thurs)	Psg	Split Mtg: Wed 1-5/Thurs 9-2

# 2017

<p style="text-align: center;"><b>JANUARY</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="font-size: small;">SUNDAY</td><td style="font-size: small;">MONDAY</td><td style="font-size: small;">TUESDAY</td><td style="font-size: small;">WEDNESDAY</td><td style="font-size: small;">THURSDAY</td><td style="font-size: small;">FRIDAY</td><td style="font-size: small;">SATURDAY</td></tr> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td><td></td></tr> </table>	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					<p style="text-align: center;"><b>FEBRUARY</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="font-size: small;">SUNDAY</td><td style="font-size: small;">MONDAY</td><td style="font-size: small;">TUESDAY</td><td style="font-size: small;">WEDNESDAY</td><td style="font-size: small;">THURSDAY</td><td style="font-size: small;">FRIDAY</td><td style="font-size: small;">SATURDAY</td></tr> <tr><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td></tr> <tr><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td></tr> <tr><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td></tr> <tr><td>26</td><td>27</td><td>28</td><td></td><td></td><td></td><td></td></tr> </table>	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28					<p style="text-align: center;"><b>MARCH</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="font-size: small;">SUNDAY</td><td style="font-size: small;">MONDAY</td><td style="font-size: small;">TUESDAY</td><td style="font-size: small;">WEDNESDAY</td><td style="font-size: small;">THURSDAY</td><td style="font-size: small;">FRIDAY</td><td style="font-size: small;">SATURDAY</td></tr> <tr><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td></tr> <tr><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td></tr> <tr><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td></tr> <tr><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td></tr> </table>	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		<p style="text-align: center;"><b>APRIL</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="font-size: small;">SUNDAY</td><td style="font-size: small;">MONDAY</td><td style="font-size: small;">TUESDAY</td><td style="font-size: small;">WEDNESDAY</td><td style="font-size: small;">THURSDAY</td><td style="font-size: small;">FRIDAY</td><td style="font-size: small;">SATURDAY</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td style="background-color: #f8d7da;">13</td><td>14</td><td>15</td></tr> <tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></tr> <tr><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td></tr> </table>	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
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(See attached for additional information on 2017 meeting dates and events)

# 2017 MEETING DATES | EVENTS

DATE	ORGANIZATION	EVENT   LOCATION
<b>JANUARY</b>		
2	SEAPA	HOLIDAY – New Year’s Day - Observed
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
<b>FEBRUARY</b>		
1-2	Alaska Power Association	Legislative Fly-In Conference
2	Ketchikan City Council Meeting*	Ketchikan
6	Petersburg Borough Assembly Meeting*	Petersburg
8-9	<i>PROPOSED Board Meeting</i>	<i>Petersburg</i>
14	City & Borough of Wrangell Assembly Meeting*	Wrangell
16	Ketchikan City Council Meeting*	Ketchikan
20	SEAPA	HOLIDAY – Presidents’ Day
22-24	Northwest Hydroelectric Association (NWA)	Annual Conference & FERC Meeting
27	Petersburg Borough Assembly Meeting*	Petersburg
28	City & Borough of Wrangell Assembly Meeting*	Wrangell
<b>MARCH</b>		
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
28	City & Borough of Wrangell Assembly Meeting*	Wrangell
<b>APRIL</b>		
3	Petersburg Borough Assembly Meeting*	Petersburg
6	Ketchikan City Council Meeting*	Ketchikan
11	City & Borough of Wrangell Assembly Meeting*	Wrangell
13	<i>PROPOSED Board Meeting</i>	<i>Ketchikan</i>
17	Petersburg Borough Assembly Meeting*	Petersburg
20	Ketchikan City Council Meeting*	Ketchikan
25	City & Borough of Wrangell Assembly Meeting*	Wrangell
<b>MAY</b>		
1	Petersburg Borough Assembly Meeting*	Petersburg
1-3	National Hydropower Association (NHA)	Annual Conference
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
29	SEAPA	HOLIDAY – Memorial Day

<b>JUNE</b>		
1	Ketchikan City Council Meeting*	Ketchikan
5	Petersburg Borough Assembly Meeting*	Petersburg
6-8	Alaska Power Association	Federal Legislative Conference
13	City & Borough of Wrangell Assembly Meeting*	Wrangell
15	Ketchikan City Council Meeting*	Ketchikan
19	Petersburg Borough Assembly Meeting*	Petersburg
20-21	<b>PROPOSED BOARD MEETING</b>	<b>Wrangell</b>
27	City & Borough of Wrangell Assembly Meeting	Wrangell
27-30	HydroVision International	Conference
<b>JULY</b>		
3	Petersburg Borough Assembly Meeting*	Petersburg
4	SEAPA	HOLIDAY – Independence Day
6	Ketchikan City Council Meeting*	Ketchikan
11	City & Borough of Wrangell Assembly Meeting*	Wrangell
17	Petersburg Borough Assembly Meeting*	Petersburg
17-20	AEGIS	Policyholders Conference
20	Ketchikan City Council Meeting*	Ketchikan
25	City and Borough of Wrangell Assembly Meeting*	Wrangell
<b>AUGUST</b>		
3	Ketchikan City Council Meeting*	Ketchikan
7	Petersburg Borough Assembly Meeting*	Petersburg
8	City & Borough of Wrangell Assembly Meeting*	Wrangell
17	Ketchikan City Council Meeting*	Ketchikan
21	Petersburg Borough Assembly Meeting*	Petersburg
22	City & Borough of Wrangell Assembly Meeting*	Wrangell
<b>SEPTEMBER</b>		
4	SEAPA	HOLIDAY – Labor Day
4	Petersburg Borough Assembly Meeting*	Petersburg
7	Ketchikan City Council Meeting*	Ketchikan
12	City & Borough of Wrangell Assembly Meeting*	Wrangell
13-15	Alaska Power Association / AIE	Annual Meeting
18	Petersburg Borough Assembly Meeting*	Petersburg
21	Ketchikan City Council Meeting*	Ketchikan
19-22	Southeast Conference	Annual Meeting
26	City & Borough of Wrangell Assembly Meeting*	Wrangell
28	<b>PROPOSED BOARD MEETING</b>	<b>Ketchikan</b>
<b>OCTOBER</b>		
2	Petersburg Borough Assembly Meeting*	Petersburg
5	Ketchikan City Council Meeting*	Ketchikan
10	City & Borough of Wrangell Assembly Meeting*	Wrangell
12-13	Alaska Power Association	Accounting & Finance Workshop
16	Petersburg Borough Assembly Meeting*	Petersburg
19	Ketchikan City Council Meeting*	Ketchikan
23-26 ?	SEAPA	Annual Audit
24	City & Borough of Wrangell Assembly Meeting*	Wrangell

