



## SOUTHEAST ALASKA POWER AGENCY

### Regular Board Meeting AGENDA

The Nolan Center | Wrangell, Alaska

Wednesday, March 25, 2015 | 12:30 p.m. to 5:00 p.m. AKDT  
Thursday, March 26, 2015 | 9:00 a.m. to 2:00 p.m. AKDT

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

### AGENDA FOR WEDNESDAY, March 25, 2015

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. Persons to be Heard
4. Review and Approve Minutes
  - A. February 4-5, 2015 Minutes of Regular Board Meeting
5. Financial Reports
  - A. CEO Financial Report
  - B. Controller's Report
  - C. kWh Graph
  - D. Grant Summary
  - E. Financial Statements – January 2015
  - F. Financial Statements – December 2014
  - G. R&R Reports
  - H. Disbursement Approvals – January & February 2015
6. CEO Report [handout to be provided at the board meeting]
7. Staff Reports
  - A. Operations Manager's Report (*Henson*)
  - B. Director of Special Projects Report (*Wolfe*)
  - C. Power Systems Specialist (*Schofield*)
8. Project Reports
  - A. Swan Lake
  - B. Tyee Lake

## AGENDA FOR THURSDAY, MARCH 26, 2015

9. Call to Order
  - A. Roll Call
10. Old Business
  - A. Consideration of Amendment to Bylaws [draft to be provided at board meeting]
  - B. Consideration and Approval of SEAPA Policy Handbook [draft to be provided at board meeting]
11. New Business
  - A. Consideration and Approval of Surplussing of 1976 24 ft. Rhyon Craft, with Motors and Electronics, and 1983 EZ-Loader Boat Trailer
  - B. Consideration and Approval of Contract Award Re Swan-Tyee Helipad Project
  - C. Consideration and Approval of Contract Award Re Alarm-Controls-Protection-Integration Project
  - D. Consideration and Approval of Sole-Source Contract to BAM LLC for Tyee Lake Outlet Weir Abutment Repairs
  - E. Consideration and Approval of Resolution No. 2015-058 Re Bond Funding
  - F. Next Meeting Date
12. Director Comments
13. Adjourn



## SOUTHEAST ALASKA POWER AGENCY

### Minutes of Regular Meeting

February 4-5, 2015

Cape Fox Lodge  
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.* Vice Chairman Jensen called the meeting to order at 9:00 a.m. AKST on February 4, 2015. The following directors and alternates were present, thus establishing a quorum of the board:

Director	Alternate	Representing	
Lew Williams	Bill Rotecki	Swan Lake	Ketchikan
Judy Zenge	Andy Donato	Swan Lake	Ketchikan
Matt Olsen		Swan Lake	Ketchikan
Joe Nelson	John Jensen	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	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. *Introduction of Staff and Board Members* - Introductions of board members and staff were exchanged for the benefit of new board members.
- C. *Communications* - none.
- D. *Disclosure of Conflicts of Interest* – Mr. Williams reported a conflict of interest in his capacity as a board member and ownership interest in the Ketchikan Daily News as the Agency had paid invoices from the Ketchikan Daily News.

#### 2) Approval of the Agenda

➤ <b>Motion</b>	M/S (Jensen/Nelson) to approve the Agenda with the following changes:	<b>Action 15-382</b>
	<ul style="list-style-type: none"> <li>Agenda Item 1.B will be changed to 'Introductions of Staff and Board Members'; the remaining items under Agenda Item 1 will be moved forward accordingly</li> <li>Agenda Item 7.B will be changed for a 'Financing Update' by Alan Dashen of A. Dashen &amp; Associates; the remaining items under Agenda Item 7 will be moved forward accordingly</li> <li>Agenda Item 9.B.v will be changed for a discussion on 'Geothermal'; the remaining items under Agenda Item 9 will be moved forward</li> </ul>	

	<p>accordingly</p> <ul style="list-style-type: none"> <li>Agenda Item 13.D will be added as a placeholder for any items of business that may be necessary after the Executive Session.</li> </ul> <p>Motion approved unanimously by polled vote.</p>	
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### 3) Election of Officers

➤ <b>Motion</b>	M/S (Hammer/Williams) to nominate John Jensen as Chairman. There were no objections to the motion.	Action 15-383
➤ <b>Motion</b>	M/S (Williams/Nelson) to nominate Clay Hammer as Vice Chairman. There were no objections to the motion.	Action 15-384
➤ <b>Motion</b>	M/S (Williams/Rotecki) to nominate Judy Zenge as Secretary-Treasurer. There were no objections to the motion.	Action 15-385

### 4) Persons to be Heard – None.

5) **Introduction to SEAPA (Joel Paisner)** – Mr. Paisner presented a PowerPoint slideshow for the benefit of new board members, which provided Agency orientation.

### 6) Review and Approve Minutes

➤ <b>Motion</b>	M/S (Nelson/Prysunka) to approve the Minutes of the Regular Meeting of November 13-14, 2014. Motion approved unanimously by polled vote.	Action 15-386
➤ <b>Motion</b>	M/S (Williams/Olsen) to approve the Minutes of the Special Meeting of December 12, 2014. Motion approved unanimously by polled vote.	Action 15-387

### 7) Financial Reports

(A-I) Mr. Acteson reported that grant expenditures has been broken out on SEAPA's FY 2014 audited financial statements by the auditors and that the statements are available on SEAPA's website, that FY 2014 rebates were issued to the member communities in December, and noted that FY 2015 revenues were trending lower due to weather volatility. He also discussed refinancing of the Agency's callable bonds and the merits of combining the refinancing with additional debt. He advised that pending board approval to move forward with the refinancing, that he and SEAPA's counsel, Mr. Paisner, would travel to each member community to apprise them of documents relating to the bond refinancing that would require their consent, and answer any questions the communities may have.

The meeting recessed at 10:05 a.m. and reconvened at 10:16 a.m.

Alan Dashen of A. Dashen & Associates, SEAPA's financial advisor, presented a slide show to provide an update and explain the purposes of the proposed refinancing of the bonds and financing of capital improvements. Considerable discussion followed on what the benefits would be to the northern communities if SEAPA takes on debt for a resource that is dedicated to Ketchikan.

➤ <b>Motion</b>	M/S (Prysunka/Williams) to adopt Resolution No. 2015-057 granting SEAPA's CEO Authorization to facilitate the process for the refinancing of bonds and debt and for an increase to SEAPA's Fiscal Year 2015 budget for bond administrative costs.	Action 15-388
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A vote was not taken on the motion during this portion of the meeting as the following motion was made to defer the motion adopting the resolution to provide more time for discussion:

➤ <b>Motion</b>	M/S (Williams/Olsen) to defer the Motion adopting Resolution 2015-057 to Item 11B under Old Business in the agenda. The motion passed 3-2 with Mr. Olsen, Ms. Zenge, and Mr. Williams voting to defer the motion, and Mr. Nelson and Mr. Prysunka voting against deferral.	Action 15-389
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Mr. Acteson provided an overview of the various financial reports provided in the board packet.

➤ <b>Motion</b>	M/S (Williams/Nelson) to approve the financial statements for the months of October and November 2014. Motion approved unanimously by polled vote.	Action 15-390
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➤ <b>Motion</b>	M/S (Williams/Olsen) to approve disbursements for the months of November and December 2014 in the amount of \$2,082,447.74. Motion approved unanimously by polled vote.	Action 15-391
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The meeting recessed at 11:50 a.m. for lunch and reconvened at 1:30 p.m.

## 8) CEO Report

Mr. Acteson discussed the impacts of the State of Alaska's budget deficits for FY15 and FY16 and House Bill 78, which seeks to provide an advantage for Independent Power Producers in the market place. He reported on the best practices and process improvements the Agency is moving forward on, and provided an update on the Kake-Petersburg Intertie. He advised that SEAPA recently circulated another community flyer to the member communities which has been a good communication tool for updates on the Agency's activities, and that SEAPA hired three new employees to fill the Administrative Assistant, Power System Specialist, and Brushing Technician positions that were available.

**9) A. Operations Manager Report (Steve Henson)** – Mr. Wolfe provided a brief report on behalf of Mr. Henson, who was unable to attend the meeting. He provided updates on SEAPA's Wrangell Reactor, Satellite Communications System, Swan-Tyee Intertie Helipads, Wrangell Circuit Switcher, ATV Use on the Tyee transmission system, and Marine Terminal Gate Replacement and Communications Upgrade projects.

**B. Director of Special Projects Report (Eric Wolfe, P.E.)** – Mr. Wolfe provided a slide show updating the board on SCADA, LAN-WAN communication issues, alarm improvements and alarm trip review, and the Swan Lake expansion project. He reviewed the project schedule and noted that storage is the key to operational flexibility. He advised that a request for proposals or purchase order should issue by the end of April for the Tyee Cooling Water Conversion Project, and reviewed the Tyee Lake Turbine Shutoff Valve Project.

The meeting recessed at 2:57 p.m. and reconvened at 3:15 p.m.

Following the recess, Mr. Wolfe presented a slideshow on the Bell Island Geothermal Project. He provided a background on the previous geothermal investigations, expounded on the benefit of permitting on privately held lands, discussed the preliminary exploration activities that are expected to take place, and outlined the stages of the project if preliminary exploration supports justification for further testing.

Mr. Wolfe recapped the board's decision to not award a contract at an earlier board meeting for load forecasting and demand side management, and offered alternatives for the project for the board's consideration. Following further discussion, the following motion was made:

➤ <b>Motion</b>	M/S (Williams/Olsen) to authorize staff to enter into a contract for the not-to-exceed value of \$90,000 with D. Hittle & Associates, Inc. for load forecasting services. Motion approved unanimously by polled vote.	<b>Action 15-392</b>
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C. **Power System Specialist Report (Ed Schofield)** – Mr. Schofield provided a background on the efforts that had taken place for remediation of Swan Lake's Water Storage Tank and advised that after a review of all options, the existing tank would be recoated without sandblasting as an analysis of lead test results showed the lead content was under EPA standards. He discussed subsurface work that needed to be done on the Tyee Lake weir to reduce abutment leakage, and reported that staff would seek the assistance of an architect familiar with SE Alaska roofing designs for replacement of the powerhouse roof at Swan Lake. He provided an update on FERC matters noting that additional action items may be required following FERC's review of the Part 12 Report submitted to FERC.

**10) Project Reports** – Mr. Donato provided a report on behalf of Swan Lake. Mr. Wolfe provided an overview of Foreman, Steve Beers', report on behalf of Tyee Lake.

The meeting recessed at 4:50 p.m. on February 4, 2015 and reconvened at 9:00 a.m. on February 5, 2015.

**11) Call to Order** - Chairman Jensen requested a roll call. The same directors and alternates present during the February 4, 2015 portion of the meeting were present for the February 5, 2015 portion of the meeting, thus establishing a quorum of the board. Chairman Jensen recognized past SEAPA Chairman and board member, Bob Sivertsen, who was present at the meeting and thanked him for attending.

**12) Old Business.**

A. *Consideration and Approval of SEAPA Policy Handbook* – Chairman Jensen requested that Mr. Paisner guide discussions relating to the handbook during a section-by-section review of the draft that was presented to the board for review. Mr. Paisner provided a brief history of the handbook and an overview of the nonsubstantive changes that had been made to bring it up-to-date. Chairman Jensen requested a motion for approval of the Handbook after which discussions could continue on the changes that were made.

➤ <b>Motion</b>	M/S (Williams/Prysunka) for approval of the SEAPA Policy Handbook dated January 2015 presented to board members on January 21, 2015.	<b>Action 15-393</b>
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Mr. Paisner continued his discussion noting that changes to Sections 1 and 2 of the Handbook had already been approved in previous board meetings. Considerable discussion followed on the necessity of redefining the role of the Secretary/Treasurer position to reflect the activities of the position that are consistent with current practices. Mr. Paisner advised he

would prepare some examples of descriptions for the board's consideration at the next board meeting. Sections 3, 4, and 5 of the Handbook were reviewed.

The meeting recessed at 10:13 a.m. and reconvened at 10:25 a.m.

The remaining sections of the Handbook were reviewed with the consensus of the board that staff bring back another draft of the Handbook to the next board meeting, which incorporates changes to the items discussed.

➤ <b>Motion</b>	M/S (Williams/Olsen) to defer the motion approving the SEAPA Policy Handbook dated January 2015 presented to board members on January 21, 2015 until the next board meeting. Motion approved unanimously by polled vote.	Action 15-394
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- B. *Motion Re Resolution 2015-057 (Resolution Granting SEAPA's CEO Authorization to Facilitate the Process of Refinancing Bonds and Debt and for an Increase to SEAPA's FY15 Budget)* – Discussion continued on the deferred motion regarding Resolution No. 2015-057. Mr. Acteson clarified the purpose and intent of the resolution. A vote was taken on the deferred motion.

➤ <b>Motion</b>	M/S (Prysunka/Williams) to adopt Resolution No. 2015-057 granting SEAPA's CEO Authorization to facilitate the process for the refinancing of bonds and debt and for an increase to SEAPA's Fiscal Year 2015 budget for bond administrative costs. Motion approved unanimously by polled vote.	Action 15-395
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### 13) **New Business.**

- A. *Consideration and Approval of 2015 Operations Plan* – Mr. Wolfe provided the basics and history of SEAPA's operations plans for the benefit of new board members. He followed with an in-depth explanation of SEAPA's Operations Plan for 2015 reporting that the wet, warm weather depresses electrical demand, increases municipal hydro generation, and decreases SEAPA exports. He discussed two capital projects that will affect SEAPA's reservoir levels and presented models of expected deliveries and generation for Tyee and Swan and explained that the operations plan for 2015 has a wide draft limit tolerance due to the wide variation in inflows, a storage contingency for loss of generation at Swan or Tyee, and upcoming capital projects.

➤ <b>Motion</b>	M/S (Prysunka/Olsen) to approve SEAPA's operations plan for the following elevations: Swan Lake to be drafted to elevation 300 ft plus or minus (+/-) 15 ft for a minimum of 285 ft and a maximum of 315 ft. Tyee Lake to be drafted to elevation 1315 ft plus or minus (+/-) 20 ft for a minimum of 1295 ft and a maximum of 1335 ft. Motion approved unanimously by polled vote.	Action 15-396
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- B. *Next Meeting Dates* – After discussing various board members' schedules, the board reached a consensus on the following dates for regular meetings of the directors during 2015:

March 25-26, 2015 (Wrangell)  
June 10, 2015 (Ketchikan)  
July 29-30, 2015 (Petersburg)

September 24, 2015 (Ketchikan)

The November 2015 board meeting date will be determined at the March 25-26, 2015 board meeting.

*C. Executive Session.*

<b>➤ Motion</b>	M/S (Olsen/Prysunka) to recess into Executive Session to facilitate discussions and update the board regarding the Agency's safety program, and on the status and legal strategies for two FERC actions; the first involving PURPA and avoided costs, and the second relating to SEAPA's application before FERC for a non-capacity amendment for its license on the Swan Lake Hydroelectric Project. The Executive Session will be conducted pursuant to SEAPA's Bylaws, which are consistent with Alaska Statute 44.62.310 as the discussions will involve matters to be discussed with counsel retained by the board members, and the immediate knowledge of which could have an adverse effect on the legal position of the Agency, the Projects, or any of the Member Utilities represented on the board. Motion approved unanimously by polled vote.	<b>Action 15-397</b>
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The meeting recessed at 2:15 for the executive session. The executive session ended at 3:05 p.m. and the regular meeting reconvened at 3:15 p.m.

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

**15) Adjourn**

Chairman Jensen adjourned the meeting at 3:17 p.m. AKST.

Signed:

Attest:

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Secretary/Treasurer

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Chairman





## SOUTHEAST ALASKA POWER AGENCY

CEO Financial Report  
Trey Acteson, CEO | March 2015

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**DATE:** March 18, 2015  
**TO:** SEAPA Board of Directors  
**FROM:** Trey Acteson, CEO

**REVENUE:** FY15 revenues through February 2015 are \$1,150,358 below budget (13.3%). This shortfall is partially off-set by lower year-to-date administrative and operating expenses (July – January) of \$3,312,477 actual vs. \$3,890,970 budget. We are tracking this closely as we approach the 4<sup>th</sup> quarter.

**RENEWAL & REPLACEMENTS – CAPITAL PROJECTS:** R&R expenditures are approximately 10% of their FY15 budget. This significant variance is primarily due to the following factors:

1. Some project scopes or costs have been significantly adjusted through project management/engineering due diligence. The helicopter pads are a good example.
2. Issuance of some RFP's has been delayed due to a manpower shortage. I believe this has been resolved with the recent hiring of our Power Systems Specialist and you will see considerable acceleration in requests to award contracts for budgeted work.
3. Deliveries of some large capital equipment will occur later than expected or have been adjusted to coincide with maintenance windows.
4. Our fiscal year falls in the middle of our major maintenance season. Many of our planned R&R activities require issuing contracts prior to that time and are therefore approved for the current fiscal year. This timing issue is why several of our projects span at least two fiscal years. The board can anticipate an increase in R&R expenditures as contractors mobilize over the next couple of months.

**BOND DISCUSSION:** SEAPA general counsel and I presented Swan Lake Reservoir Expansion updates and Bond overviews to all three member community Councils/Assemblies. We have followed up with requests for supporting information and resolutions to authorize their appropriate officers to complete requisite bond documents.

SEAPA general counsel and I also traveled to San Francisco and provided presentations to two bond insurance companies and Standard & Poor's (S&P) ratings agency. Due to SEAPA's stability since our last bonding effort and our strong financial position, it is possible that our bond rating may be upgraded. This could result in a lower interest rate for this bond effort, but S&P noted that an upgrade may hinge somewhat on the financial information provided by our member utilities.

Staff will provide an update at the upcoming scheduled meeting. We will confirm a final bond amount at that time and also request that you authorize me to finalize the bond offering.



## SOUTHEAST ALASKA POWER AGENCY

Controller's Report  
Kay Key | March 2015

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**Date:** March 13, 2015  
**To:** Trey Acteson, CEO  
**From:** Kay Key  
**Subject:** Financial Statements for March 25-26, 2015 Board Meeting

The following financial reports are included in this board packet:

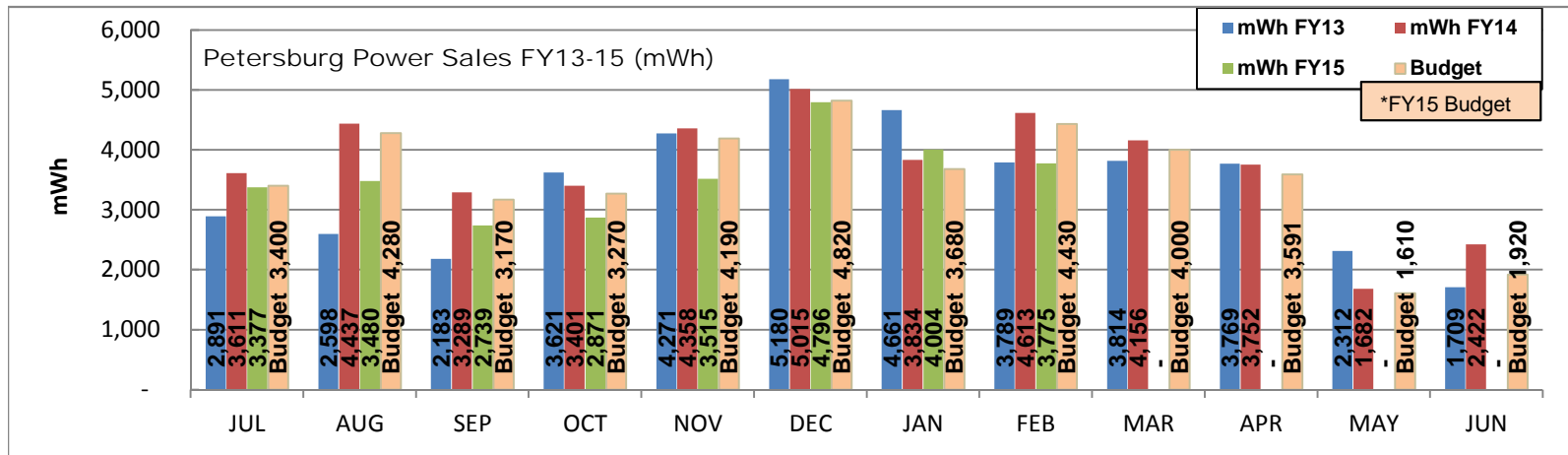
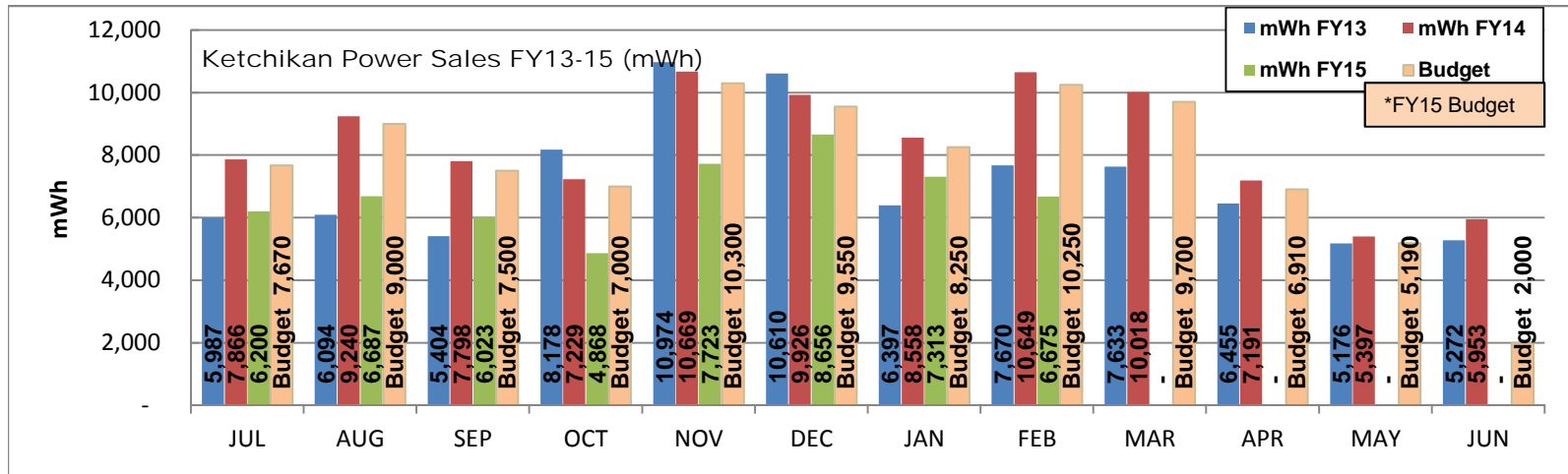
- **kWh Graph - YTD** (through February, 2015)
- **Grant Summary** (through January, 2015)
- **Monthly Financial Statements for January, 2015 and December, 2014:**
  - ✓ Financial Overview
  - ✓ Fund Allocation Graph
  - ✓ Statement of Financial Position – Summary
  - ✓ Statement of Activities – Summary
  - ✓ Statement of Financial Position – Detail
  - ✓ Statement of Activities – Budget Comparison
- **R&R Summary and Detail** (through January, 2015)
- **Disbursement Approval – January and February, 2015** (includes Suggested Motion)

SUGGESTED MOTION
I move to approve financial statements for the months of January 2015 and December 2014.

## SOUTHEAST ALASKA POWER AGENCY

### Power Sales - FY13 through FY15

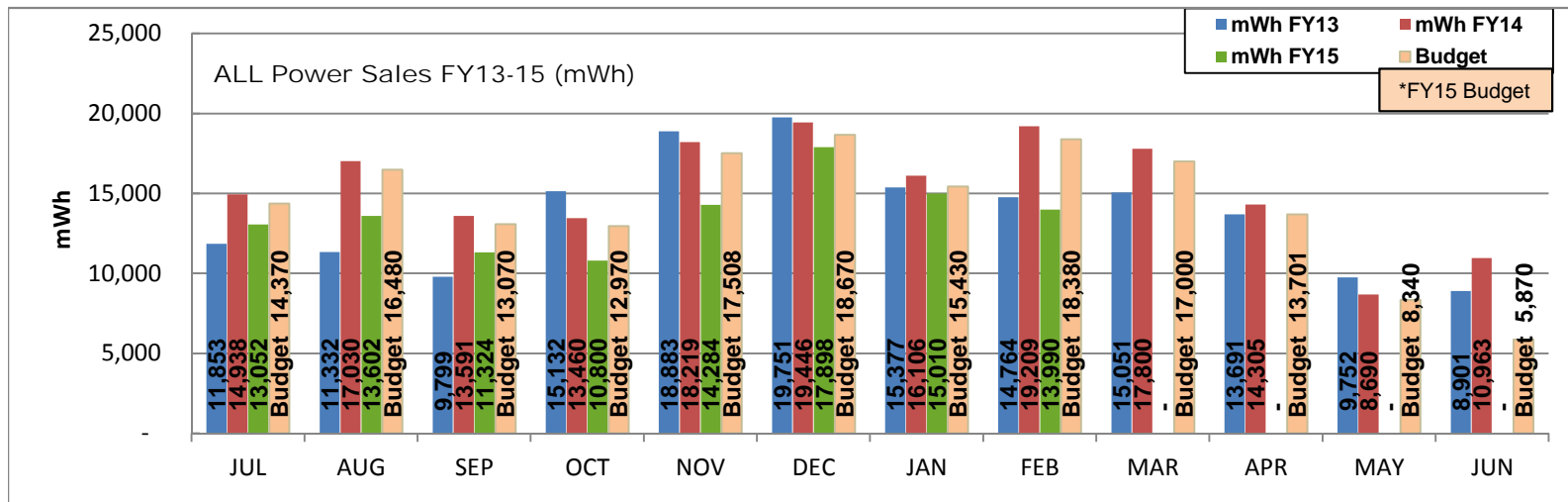
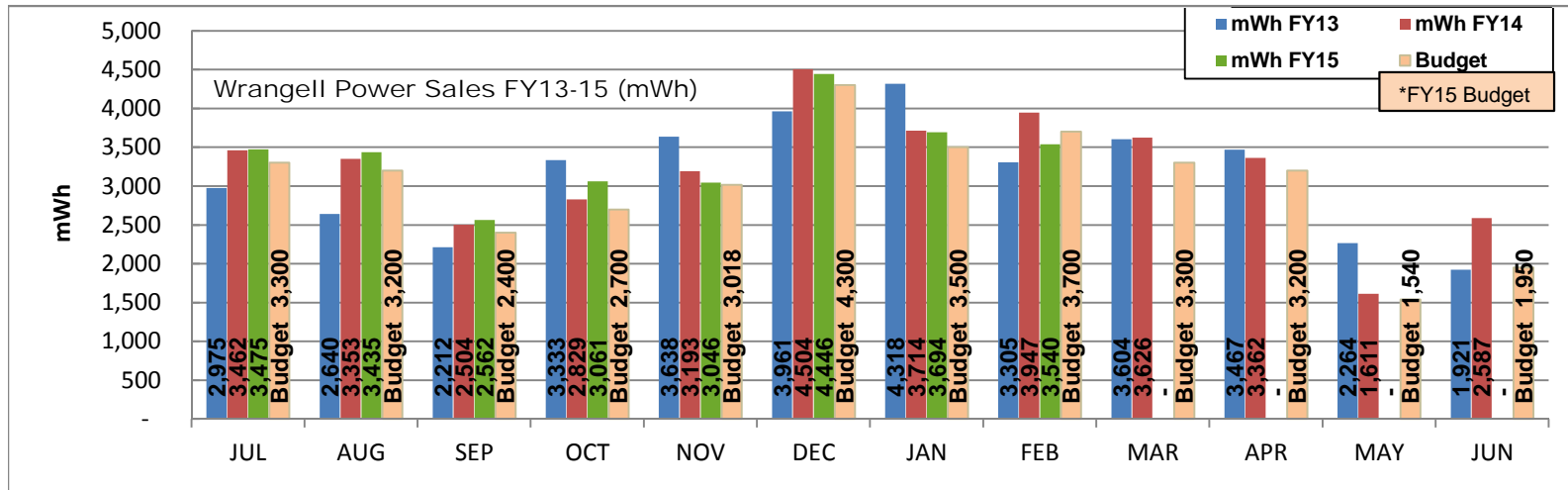
FEB 2015	FY15 kWh Hydropower Sales	Current Month		Year-To-Date	
		Actual	Budget	Actual	Budget
	Ketchikan Power Purchases	6,675,000	10,250,000	54,145,000	69,520,000
	Petersburg Power Purchases	3,774,960	4,430,000	28,556,200	31,240,000
	Wrangell Power Purchases	3,540,350	3,700,000	27,259,770	26,118,000
	<b>Total Power Purchases</b>	<b>13,990,310</b>	<b>18,380,000</b>	<b>109,960,970</b>	<b>126,878,000</b>



## SOUTHEAST ALASKA POWER AGENCY

### Power Sales - FY13 through FY15

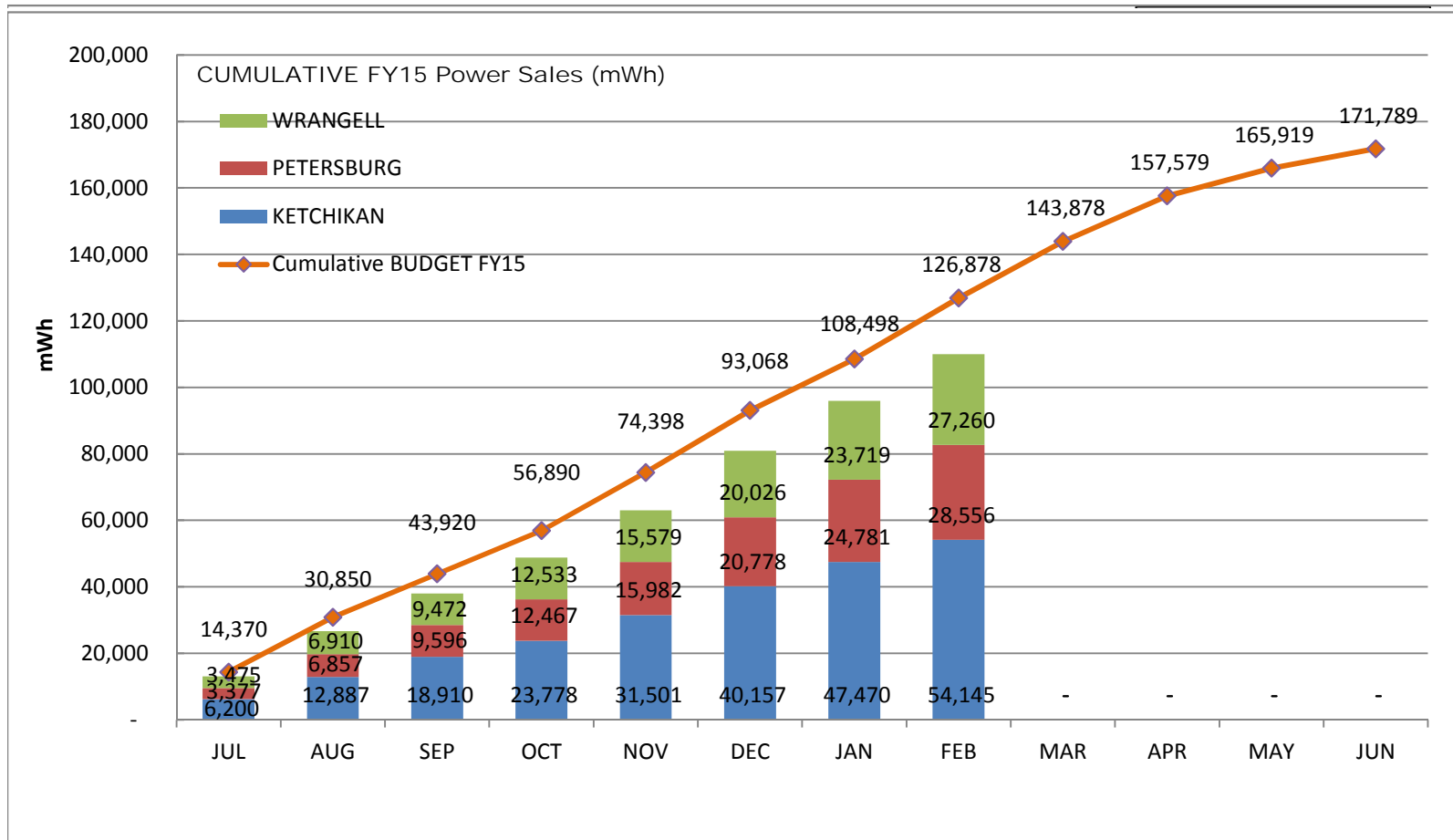
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# SOUTHEAST ALASKA POWER AGENCY

## Power Sales - FY13 through FY15

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**SOUTHEAST ALASKA POWER AGENCY**

**FY15 GRANT SUMMARY**

as of JANUARY 31, 2015

<b>*FY13 Alaska Energy Authority Kake-Petersburg Intertie Grant #1</b>			
	Grant Award	Expenditures	Balance
1 - Project Mgmt	320,000	188,324	131,676
2 - EIS	1,030,000	904,190	125,810
3 - Engineering / Design	1,613,298	172,562	1,440,736
5 - SE Conference	26,702	26,702	(0)
<b>TOTAL</b>	<b>2,990,000</b>	<b>1,291,778</b>	<b>1,698,222</b>

\*\$704,052.15 expended by Kwaan Electric Transmission Intertie Coop. prior to grant assignment to SEAPA

<b>FY13 Alaska Energy Authority Kake-Petersburg Intertie Grant #2</b>			
	Grant Award	Expenditures	Balance
<b>TOTAL</b>	<b>2,000,000</b>	<b>0</b>	<b>2,000,000</b>

<b>FY13 Alaska Dept. of Commerce, Community &amp; Economic Development</b>			
	Grant Award	Expenditures	Balance
1 - Hydro Storage	578,000	578,000	0
2 - G&T Site Evaluation	1,705,000	798,989	906,011
3 - Stability / Interconnectiv	146,000	0	146,000
4 - Load Balance Model	112,000	98	111,902
5 - Project Mgmt	309,000	168,128	140,872
6 - Business Analysis / PSA	150,000	48,015	101,985
<b>TOTAL</b>	<b>3,000,000</b>	<b>1,593,230</b>	<b>1,406,770</b>

<b>FY15 Alaska Dept. of Commerce, Community &amp; Economic Development</b>			
	Grant Award	Expenditures	Balance
Swan Lake Reservoir Expansion			
<b>TOTAL</b>	<b>3,320,000</b>	<b>18,758</b>	<b>3,301,242</b>

<b>TOTAL ALL GRANTS</b>	<b>11,310,000</b>	<b>2,903,766</b>	<b>8,406,234</b>
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## **JANUARY 2015 Financial Overview**

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JANUARY, 2015 revenues from kWh sales were under budget:  
\$1,020,706 actual vs. \$1,049,240 budget.

- Ketchikan - \$497,284 actual vs. \$561,000 budget
- Petersburg - \$272,241 actual vs. \$250,240 budget
- Wrangell - \$251,181 actual vs. \$238,000 budget

Year-to-date (JULY – JANUARY) revenues from kWh sales were also below budget:  
\$6,526,005 actual vs. \$7,377,864 budget.

- Ketchikan - \$3,227,960 actual vs. \$4,030,360 budget
- Petersburg - \$1,685,124 actual vs. \$1,823,080 budget
- Wrangell - \$1,612,921 actual vs. \$1,524,424 budget

JANUARY, 2015 sales in kWh – 15,010,390

JANUARY, 2013 sales in kWh – 16,106,030

JANUARY, 2012 sales in kWh – 15,376,770

Year-to-date (JULY – JANUARY, 2015) sales in kWh – 95,970,660

Year-to-date (JULY – JANUARY, 2013) sales in kWh – 112,789,990

Year-to-date (JULY – JANUARY, 2012) sales in kWh – 102,128,120

Administrative and operating expenses for JANUARY, 2015 were below budget:  
\$400,950.65 actual vs. \$631,310 budget

Year-to-date administrative and operating expenses (JULY – JANUARY) were also below budget: \$3,312,477 actual vs. \$3,890,970 budget.

Income of \$157,849 was recorded in January, representing calendar year 2014 displaced sales from Whitman Lake.

As always, feel free to ask any questions concerning the financials.

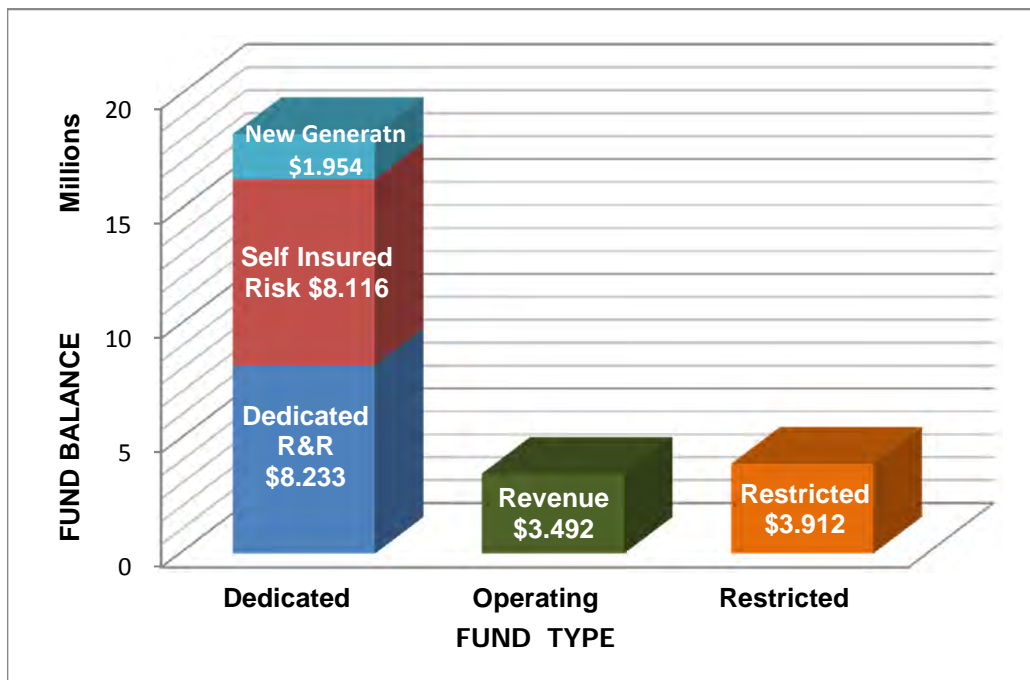
# SOUTHEAST ALASKA POWER AGENCY

## Fund Allocation Graph

JANUARY 2015

### Agency Funds

111000 · Ops/Capital/Insurance Funds	
111100 · Revenue Fund FB	3,490,411
111200 · Required R&R Fund FB	1,000,970
111210 · Dedicated R&R Projects Fund FB	8,232,832
111300 · Commercial FB	1,000
111400 · Subordinate Debt Fund FB	310
111401 · New Generation Fund	1,954,036
111500 · Self Insured Risk Fund FNBA	8,115,705
Total 111000 · Ops/Capital/Insurance Funds	22,795,263
112000 · Trustee Funds	
112100 · WF Trust Bond Interest	158,625
112200 · WF Trust Bond Principal	543,781
112300 · WF Trust Bond Reserve	1,410,016
Total 112000 · Trustee Funds	2,112,422
113000 · Other Restricted Funds	
113100 · STI - USFS CD WF	21,620
113500 · DNR Reclamation Fund WF	777,256
Total 113000 · Other Restricted Funds	798,875
<b>Total Agency Funds</b>	<b>25,706,561</b>



### Dedicated Funds

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

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

Dedicated R&R = Funds Replacement & Repair projects approved by the SEAPA Board in the FY15 budget

### Operating Funds

Revenue Fund & Commercial Checking

All SEAPA income is deposited to the Revenue Fund as required in the 2009 Bond Indenture.

### Restricted Funds (Legally or contractually restricted)

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

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

DNR = Alaska DNR Reclamation Agreement

USFS = USFS Land Remediation Certificate of Deposit



**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Financial Position - Summary**  
As of January 31, 2015

**ASSETS**

Current Assets

Agency Funds

111000 · Ops/Capital/Insurance Funds 22,795,263

112000 · Trustee Funds 2,112,422

113000 · Other Restricted Funds 798,875

Total Agency Funds 25,706,561

Accounts Receivable

110000 · Accounts Receivable 1,683,178

110100 · Grants Receivable 13,316

Total Accounts Receivable 1,696,494

Other Current Assets

120000 · Other Current Assets 495,505

Total Other Current Assets 495,505

Total Current Assets 27,898,560

Fixed Assets

130000 · Fixed Assets 129,709,424

Total Fixed Assets 129,709,424

Other Assets

183000 · Deferred Assets 245,189

Total Other Assets 245,189

**TOTAL ASSETS 157,853,173**

**LIABILITIES & NET POSITION**

Liabilities

Current Liabilities

Accounts Payable

210100 · Accounts Payable General 546,548

Total Accounts Payable 546,548

Other Current Liabilities

210150 · Other Current Liabilities 254,148

210300 · Reserve Interest Payable 105,734

210400 · Wages Payable 134,379

210500 · Payroll Liabilities 8,908

Total Other Current Liabilities 503,170

Total Current Liabilities 1,049,717

Long Term Liabilities

220000 · Long Term Liabilities 13,791,281

Total Long Term Liabilities 13,791,281

Total Liabilities 14,840,998

Net Position

310000 · Net Position 142,439,177

Net Income 572,998

Total Net Position 143,012,175

**TOTAL LIABILITIES & NET POSITION 157,853,173**

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Summary**  
January 2015

<b>Operating Income/Expense</b>	
Operating Income	
410000 · Hydro Facility Revenues	1,020,707
412100 · Displaced Power Sales Ketchikan	157,849
Total Operating Income	<u>1,178,555</u>
Gross Income	1,178,555
Operating Expense	
535000 · Hydro Ops-Suprvsn & Engineering	8,648
538000 · Electric Expenses	2,413
539000 · Misc Power Generation Expense	21,819
540000 · Rents	10,347
541000 · Hydro Power Station Maintenance	4,367
544000 · Maintenance of Electric Plant	98,534
545000 · Plant Miscellaneous Maintenance	550
561000 · Trans/Gen SCADA	1,373
562000 · Trans/Operations Station Exp	2,035
571000 · Trans/Maint Overhead Lines(OHL)	16,962
920000 · Administrative Expenses	101,024
921000 · Office Expenses	21,683
922000 · Legislative Affairs	4,000
923000 · Contract Services	37,789
924000 · Insurance	41,837
928000 · Regulatory Commission Expense	12,667
930000 · General Expenses	9,551
931000 · Admin Rent	5,353
Total Operating Expense	<u>400,951</u>
<b>Net Operating Income</b>	<u>777,605</u>
<b>Non-Operating Income/Expense</b>	
Non-Operating Income	
941000 · Grant Income	13,534
942000 · Interest Income	5,387
944000 · Realized Gain/Loss	(845)
945000 · Unrealized Gain/Loss	29,068
946000 · Misc Nonoperating Income	25
Total Non-Operating Income	<u>47,168</u>
Non-Operating Expense	
952000 · Bond Interest 2009 Series	53,971
953000 · Depreciation Expense	338,483
954000 · Grant Expenses	53,059
954100 · Contributed Capital	(42,157)
Total Non-Operating Expense	<u>403,356</u>
<b>Net Non-Operating Income</b>	<u>(356,187)</u>
<b>Net Income</b>	<u><u>421,417</u></u>

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Financial Position - Detail**  
As of January 31, 2015

**ASSETS**

**Current Assets**

Agency Funds

111000 · Ops/Capital/Insurance Funds	
111100 · Revenue Fund FB	3,490,411
111200 · Required R&R Fund FB	1,000,970
111210 · Dedicated R&R Projects Fund FB	8,232,832
111300 · Commercial FB	1,000
111400 · Subordinate Debt Fund FB	310
111401 · New Generation Fund	1,954,036
111500 · Self Insured Risk Fund FNBA	8,115,705
Total 111000 · Ops/Capital/Insurance Funds	22,795,263

112000 · Trustee Funds

112100 · WF Trust Bond Interest	158,625
112200 · WF Trust Bond Principal	543,781
112300 · WF Trust Bond Reserve	1,410,016

Total 112000 · Trustee Funds 2,112,422

113000 · Other Restricted Funds

113100 · STI - USFS CD WF	21,620
113500 · DNR Reclamation Fund WF	777,256

Total 113000 · Other Restricted Funds 798,875

Total Agency Funds 25,706,561

Accounts Receivable

110000 · Accounts Receivable	1,683,178
110100 · Grants Receivable	13,316

Total Accounts Receivable 1,696,494

Other Current Assets

120000 · Other Current Assets

120200 · Other Receivables	4,306
120300 · Accrued Interest Receivable	14,796
120500 · Prepaid Fees	
120510 · Prepaid FERC Fees	37,333
120520 · Prepaid Insurance	251,020
120530 · Prepaid Operating Expense	26,079
120540 · Prepaid USDA FS Land Use Fees	73,198
120550 · Prepaid Admin Benefits	26,227

Total 120500 · Prepaid Fees 413,857

120700 · Inventory Assets

120701 · Inventory - Wood Poles	8,143
120702 · Inventory - Marker Balls	54,404

Total 120700 · Inventory Assets 62,547

Total 120000 · Other Current Assets 495,505

Total Other Current Assets 495,505

**Total Current Assets**

27,898,560

**Fixed Assets**

130000 · Fixed Assets

130100 · Capital Assets

130110 · Swan Lake	16,390,545
130120 · Tyee Lake	27,650,797
130130 · SEAPA Office	733,897
132100 · Swan Tyee Intertie in Operation	111,578,874

Total 130100 · Capital Assets 156,354,113

132200 · R&R Projects WIP Capital Improv

132210 · R&R Projects - WIP Swan Lake

1322100 · R&R WIP SWL- Reservoir Increase

1322101 · WIP SWL Agency Permits/Environm	703,360
1322103 · WIP SWL Equipment	2,261
1322104 · WIP SWL Engineering/Design	517,308
1322105 · WIP SWL Legal	18,179
1322106 · WIP SWL Project Mgmt/Professnal	130,241

Total 1322100 · R&R WIP SWL- Reservoir Increas 1,371,349

132210 · R&R Projects - WIP Swan Lake - Other 680,546

Total 132210 · R&R Projects - WIP Swan Lake 2,051,894

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Financial Position - Detail**  
**As of January 31, 2015**

132220 · R&R Projects - WIP Tyee Lake	601,414
132230 · R&R Projects - WIP STI-Transmsn	69,817
132240 · R&R Projects - WIP SEAPA Office	41,577
Total 132200 · R&R Projects WIP Capital Improv	<u>2,764,702</u>
1328100 · Capital Inventory SWL	
1328101 · Inventory-SWL Winding Replacmnt	890,405
Total 1328100 · Capital Inventory SWL	<u>890,405</u>
132900 · Accumulated Depreciation	(30,299,797)
Total 130000 · Fixed Assets	<u>129,709,424</u>
<b>Total Fixed Assets</b>	<b>129,709,424</b>
<b>Other Assets</b>	
183000 · Deferred Assets	
183001 · Long Term Receivable	242,499
183300 · Meterological Tower	2,690
Total 183000 · Deferred Assets	<u>245,189</u>
<b>Total Other Assets</b>	<b>245,189</b>
<b>TOTAL ASSETS</b>	<b><u>157,853,173</u></b>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Liabilities</b>	
Current Liabilities	
Accounts Payable	
210100 · Accounts Payable General	542,133
Total Accounts Payable	<u>542,133</u>
Credit Cards	
210110 · Bank of America VISA	4,415
Total Credit Cards	<u>4,415</u>
Other Current Liabilities	
210150 · Other Current Liabilities	254,148
210300 · Reserve Interest Payable	105,734
210400 · Wages Payable	134,379
210500 · Payroll Liabilities	
210522 · SUI Tax Payable	1,671
210531 · IBEW H&W Payable	4,115
210541 · IBEW Pension Payable	2,525
210550 · IBEW Dues Payable	598
Total 210500 · Payroll Liabilities	<u>8,908</u>
Total Other Current Liabilities	<u>503,170</u>
Total Current Liabilities	<u>1,049,717</u>
Long Term Liabilities	
220000 · Long Term Liabilities	
220100 · Series B Bonds 2009	13,400,000
220110 · Bond Issuance Premium	7,274
220120 · Bond Discount	(104,761)
220121 · PERS Unfunded Liability WRG	488,768
Total 220000 · Long Term Liabilities	<u>13,791,281</u>
Total Long Term Liabilities	<u>13,791,281</u>
<b>Total Liabilities</b>	<b>14,840,998</b>
<b>Net Position</b>	
310000 · Net Position	
3100001 · Net Investment Capital Assets	117,992,794
3100002 · Restricted for Debt Service	1,359,425
3100003 · Restricted by External Agreemnt	798,874
3100004 · Unrestricted	22,288,083
Total 310000 · Net Position	<u>142,439,177</u>
Net Income	<u>572,998</u>
<b>Total Net Position</b>	<b>143,012,175</b>
<b>TOTAL LIABILITIES &amp; NET POSITION</b>	<b><u>157,853,173</u></b>

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
**January 2015**

	Jan 15	Budget	Jul'14-Jan'15	YTD Budget	Annual Budget
Operating Income/Expense					
Operating Income					
410000 · Hydro Facility Revenues					
410100 · Ketchikan Power Purchases	497,284	561,000	3,227,960	4,030,360	6,345,760
410200 · Petersburg Power Purchases	272,241	250,240	1,685,124	1,823,080	2,880,548
410300 · Wrangell Power Purchases	251,181	238,000	1,612,921	1,524,424	2,455,344
Total 410000 · Hydro Facility Revenues	1,020,707	1,049,240	6,526,005	7,377,864	11,681,652
412100 · Displaced Power Sales Ketchikan	157,849		157,849		
<b>Gross Income</b>	<b>1,178,555</b>	<b>1,049,240</b>	<b>6,683,854</b>	<b>7,377,864</b>	<b>11,681,652</b>
Operating Expense					
535000 · Hydro Ops-Suprvsn & Engineering					
535100 · Hyd/Ops Sup & Eng - Swan Lake	21	2,170	2,553	18,820	36,180
535150 · Hyd/Ops Sup & Eng - SWL SEAPA	110	110	3,050	940	9,850
535200 · Hyd/Ops Sup & Eng - Tyee Lake	1,067	22,540	60,390	162,760	310,690
535250 · Hyd/Ops Sup & Eng - TYL SEAPA	-	2,000	4,639	6,000	33,500
535400 · Hyd/Op Sup & Eng - Proj Drawing	7,450	8,600	34,736	48,600	133,600
535700 · Hyd/Op Sup & Eng - 4R Plan	-	400	1,548	2,800	5,000
Total 535000 · Hydro Ops-Suprvsn & Engineering	8,648	35,820	106,916	239,920	528,820
537000 · Hydraulic Expenses					
537150 · Hydraulic Expense - SWL SEAPA	-	-	-	-	4,000
537250 · Hydraulic Expense - TYL SEAPA	-	-	-	-	6,000
Total 537000 · Hydraulic Expenses	-	-	-	-	10,000
538000 · Electric Expenses					
538100 · Electric Expense - Swan Lake	370	1,000	7,569	7,250	13,250
538150 · Electric Expense - SWL SEAPA	953	3,000	19,825	15,000	30,000
538200 · Electric Expense - Tyee Lake	1,091	1,000	10,715	7,000	12,000
538250 · Electric Expense - TYL SEAPA	-	3,000	19,834	15,000	30,000
Total 538000 · Electric Expenses	2,413	8,000	57,943	44,250	85,250
539000 · Misc Power Generation Expense					
539100 · Misc Exp - Swan Lake	224	10,000	78,594	70,000	130,690
539150 · Misc Expense - SWL SEAPA	1,144	8,000	15,307	43,200	83,200
539200 · Misc Expense - Tyee Lake	6,000	20	71,416	55,560	80,500
539250 · Misc Expense - TYL SEAPA	14,451	16,000	71,692	101,000	181,000
Total 539000 · Misc Power Generation Expense	21,819	34,020	237,009	269,760	475,390
540000 · Rents					
540300 · FERC Land Use Fee - Swan Lake	564	1,000	6,192	7,000	12,000
540400 · FERC Land Use Fee - Tyee Lake	3,128	3,350	22,617	23,250	40,000
540500 · USDA Land Use Fee - USFS ROW	1,600	1,650	11,022	11,550	20,000
540600 · USDA Land Use Fee - STI	4,901	4,850	33,758	33,750	58,000
540700 · USDA Tyee Passive Reflector	107	110	739	750	1,300
540710 · USDA Etolin Burnett Radio	45	50	312	350	600
Total 540000 · Rents	10,347	11,010	74,639	76,650	131,900
541000 · Hydro Power Station Maintenance					
541100 · Maint/Supervision - Swan Lake	461	800	17,263	14,400	19,000
541150 · Maintenance - SWL SEAPA	202	150	12,617	4,100	5,000
541200 · Maint/Supervision - Tyee Lake	-	1,000	9,255	5,000	10,000
541250 · Maintenance - TYL SEAPA	3,704	1,000	4,266	5,000	10,000
Total 541000 · Hydro Power Station Maintenance	4,367	2,950	43,401	28,500	44,000
543000 · Dams, Reservoirs & Waterways					
543100 · Dams Res & Waterwys - Swan Lake	-		450		
543150 · Dams Res & Waterwys - SWL SEAPA	-	-	1,620	3,120	10,000
543200 · Dams Res & Waterwys - Tyee Lake	-	-	4,769	1,500	2,500
543250 · Dams Res & Waterwys - TYL SEAPA	-	1,000	31,574	12,300	39,075
Total 543000 · Dams, Reservoirs & Waterways	-	1,000	38,414	16,920	51,575

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
**January 2015**

	Jan 15	Budget	Jul'14-Jan'15	YTD Budget	Annual Budget
544000 · Maintenance of Electric Plant					
544100 · Maint Electric Plant-Swan Lake	48,045	48,000	362,141	333,000	581,000
544200 · Maint Electric Plant-Tyee Lake	-	-	82,161	82,000	82,000
5442900 · TYL Plant Wages & Benefits					
5442911 · TYL Plant Wages/PTO	37,984	30,000	187,712	148,100	312,600
5442912 · TYL Plant Wages OT	602	2,500	7,203	11,000	27,300
5442920 · TYL Plant Benefit - Taxes	2,445	3,000	15,654	15,000	30,000
5442930 · TYL Plant Benefits - Insurance	5,637	6,450	34,598	32,250	64,500
5442940 · TYL Plant Benefits - Retirement	3,823	6,250	19,796	28,750	60,100
Total 5442900 · TYL Plant Wages & Benefits	50,490	48,200	264,963	235,100	494,500
Total 544000 · Maintenance of Electric Plant	98,534	96,200	709,265	650,100	1,157,500
545000 · Plant Miscellaneous Maintenance					
545100 · Plant Misc Maint - Swan Lake	132	1,000	12,845	14,000	42,000
545150 · Plant Misc Maint - SWL SEAPA	-	2,500	33,442	10,000	24,100
545200 · Plant Misc Maint - Tyee Lake	418	2,590	11,666	9,210	17,500
545250 · Plant Misc Maint - TYL SEAPA	-	-	51	4,480	5,650
Total 545000 · Plant Miscellaneous Maintenance	550	6,090	58,005	37,690	89,250
561000 · Trans/Gen SCADA					
561150 · Trans/Gen SCADA - SWL SEAPA	686	3,500	3,431	17,500	35,000
561250 · Trans/Gen SCADA - TYL SEAPA	686	3,500	3,900	17,500	35,000
Total 561000 · Trans/Gen SCADA	1,373	7,000	7,332	35,000	70,000
562000 · Trans/Operations Station Exp					
562100 · Trans/Ops Station - Swan Lake	-	150	13,184	14,050	15,000
562150 · Trans/Ops Station - SWL SEAPA	-	500	-	3,000	35,000
562200 · Trans/Ops Station - Tyee Lake	2,035	2,980	12,063	9,840	26,000
562250 · Trans/Ops Station-TYL SEAPA	-	2,000	8,596	22,000	83,500
Total 562000 · Trans/Operations Station Exp	2,035	5,630	33,843	48,890	159,500
564000 · Trans/Submarine Cable Expense					
564200 · Trans/Sub Cable Exp - Tyee Lake	-	500	-	3,500	12,000
564250 · Trans/Sub Cable Exp - TYL SEAPA	-	1,000	-	5,000	10,000
Total 564000 · Trans/Submarine Cable Expense	-	1,500	-	8,500	22,000
571000 · Trans/Maint Overhead Lines(OHL)					
571100 · Trans/Maint OHL - Swan Lake	-	10,000	-	13,300	15,000
571150 · Trans/Maint OHL - SWL SEAPA	-	-	17,077	-	248,630
571151 · Trans/Maint OHL - SWL ROW Clear	-	2,500	-	82,500	250,000
571200 · Trans/Maint OHL - Tyee Lake	4,593	460	29,229	35,700	53,600
571250 · Trans/Maint OHL - TYL SEAPA	-	-	162,913	121,320	494,380
5712900 · TYL Brushing Wages & Benefits					
5712911 · TYL Brushing Wages/PTO	6,478	12,000	13,270	60,000	123,000
5712912 · TYL Brushing Wages OT	-	-	259	2,000	6,200
5712920 · TYL Brushing Benefit - Taxes	646	1,000	1,883	4,750	10,500
5712930 · TYL Brushing Benefit- Insurance	3,221	3,300	13,416	16,700	33,500
5712940 · TYL Brushing Benefit- Retirement	2,024	2,000	6,534	9,000	19,000
Total 5712900 · TYL Brushing Wages & Benefits	12,369	18,300	35,362	92,450	192,200
571300 · Trans/Maint OHL STI Maintenance	-	-	142,727	144,950	304,150
571600 · Trans/Maint OHL Spare Mat Stor	-	-	350	500	500
571800 · Trans/Maint OHL System Events	-	20,000	-	80,000	100,000
Total 571000 · Trans/Maint Overhead Lines(OHL)	16,962	51,260	387,658	570,720	1,658,460

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
January 2015

	Jan 15	Budget	Jul'14-Jan'15	YTD Budget	Annual Budget
920000 · Administrative Expenses					
920100 · Admin Wages & Benefits					
9201911 · Admin Wages/PTO	61,786	75,000	389,123	430,000	805,000
9201912 · Admin Wages - Overtime	-	150	-	250	1,000
9201920 · Admin Benefit - Taxes	6,525	5,000	24,406	32,300	57,300
9201930 · Admin Benefit - H&W Insurance	13,080	25,100	77,339	105,600	182,100
9201940 · Admin Benefit - Retirement	19,633	22,500	128,798	134,200	246,700
Total 920100 · Admin Wages & Benefits	101,024	127,750	619,666	702,350	1,292,100
Total 920000 · Administrative Expenses	101,024	127,750	619,666	702,350	1,292,100
921000 · Office Expenses					
921100 · Office Supplies	896	1,500	5,632	10,000	17,500
921200 · Office Equipment	7,235	2,000	14,364	14,450	24,450
921300 · Phone, Courier, Internet	6,655	7,000	47,446	49,000	86,260
921400 · System Network / IT Support	6,897	5,000	29,648	33,500	60,000
921600 · Vehicle Expenses	-	220	488	1,320	2,500
Total 921000 · Office Expenses	21,683	15,720	97,577	108,270	190,710
922000 · Legislative Affairs	4,000	6,000	28,000	30,000	65,000
923000 · Contract Services					
923200 · Annual Financial Audit	-	-	19,000	25,000	25,000
923300 · Bank & Trustee Fees	5,236	5,310	6,947	6,980	11,050
923400 · Insurance Consultant	-	-	3,559	12,500	18,000
923500 · Investment Consultant	1,684	1,150	11,799	20,250	46,000
923600 · Legal Fees	30,870	25,000	162,070	100,000	200,000
923700 · Recruitment	-	4,800	26,953	17,500	30,000
923800 · Other Professional Services	-	30,000	40,930	104,500	211,000
Total 923000 · Contract Services	37,789	66,260	271,258	286,730	541,050
924000 · Insurance	41,837	44,000	290,434	309,000	529,000
926000 · Retiree Benefits					
926250 · Retiree Benefits TYL-PERS	-		35,357		
926000 · Retiree Benefits - Other	-	70,000	-	210,000	210,000
926000 · Retiree Benefits	-	70,000	35,357	210,000	210,000
928000 · Regulatory Commission Expense					
928150 · FERC SWL Admin Fees	3,250	4,000	21,287	27,500	47,500
928151 · FERC SWL Other Expenses	6,417	3,400	40,448	14,920	60,920
928152 · AK DNR SWL Fees	-	-	-	-	50
928250 · FERC TYL Admin Fees	3,000	4,000	19,551	25,000	45,000
928251 · FERC TYL Other Expenses	-	-	-	800	7,750
928252 · AK DNR TYL Fees	-	-	-	-	100
928000 · Regulatory Commission Expense - Other	-		4,500		
Total 928000 · Regulatory Commission Expense	12,667	11,400	85,786	68,220	161,320
930000 · General Expenses					
930100 · Advertising Expense	194	700	2,875	2,300	5,000
930110 · Public Relations	623	6,650	14,879	16,250	25,000
930111 · PR - SEAPA History Project	-	-	-	3,000	35,000
930300 · Association Dues Expense	8,226	6,000	28,930	25,650	27,650
930310 · Professional Assn Dues	-	250	220	500	500
930400 · Board Meeting Expenses	80	2,500	13,444	23,500	45,000
930500 · Training Expense	500	3,000	14,020	18,000	29,000
930600 · Travel Expense	8	5,000	19,167	23,500	40,000
930700 · Non-Travel Incidental	(80)	250	1,397	1,750	3,000
Total 930000 · General Expenses	9,551	24,350	94,933	114,450	210,150
931000 · Admin Rent					
931010 · Office Rent	4,603	4,600	29,791	29,800	53,200
931100 · Apartment Rent - Ketchikan	750	750	5,250	5,250	9,000
Total 931000 · Admin Rent	5,353	5,350	35,041	35,050	62,200
<b>Total Operating Expense</b>	<b>400,951</b>	<b>631,310</b>	<b>3,312,477</b>	<b>3,890,970</b>	<b>7,745,175</b>
Net Operating Income	<b>777,605</b>	<b>417,930</b>	<b>3,371,377</b>	<b>3,486,894</b>	<b>3,936,477</b>

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
January 2015

	Jan 15	Budget	Jul'14-Jan'15	YTD Budget	Annual Budget
<b>Non-Operating Income/Expense</b>					
<b>Non-Operating Income</b>					
941000 · Grant Income	13,534		868,866		
941100 · Third Party Income	-		7,179		
942000 · Interest Income					
942100 · Misc Interest Income	738		4,642		
942200 · Investment Interest Income	4,649		53,870		
942000 · Interest Income - Other	-		451		
Total 942000 · Interest Income	5,387		58,964		
944000 · Realized Gain/Loss					
944200 · Realized Gain/Loss on Invest	(845)		(42,298)		
Total 944000 · Realized Gain/Loss	(845)		(42,298)		
945000 · Unrealized Gain/Loss					
945200 · Unrealized Gain/Loss Investment	29,068		87,488		
Total 945000 · Unrealized Gain/Loss	29,068		87,488		
946000 · Misc Nonoperating Income					
946001 · Other Misc Income	25		25		
Total 946000 · Misc Nonoperating Income	25		25		
<b>Total Non-Operating Income</b>	47,168		980,224		
<b>Non-Operating Expense</b>					
950001 · Misc Nonoperating Expense	-		1,976		
950002 · Special Item- Tyee Ops Transitr	-		405,708		
952000 · Bond Interest 2009 Series	53,971		379,867		
953000 · Depreciation Expense	338,483		2,369,380		
954000 · Grant Expenses					
954002 · Grant Contractual	47,421		889,188		
954004 · Grant Labor & Benefits	-		9,428		
954005 · Grant Legal	-		16,919		
954006 · Grant Materials & Supplies	878		14,156		
954007 · Grant Non-Operating Expense	200		2,664		
954008 · Grant Travel	4,560		23,543		
Total 954000 · Grant Expenses	53,059		955,897		
954100 · Contributed Capital	(42,157)		(341,404)		
954200 · Third Party Expense					
954210 · Annette Island Hydro Site Eval					
954211 · Annette Island - Contractual	-		-		
954212 · Annette Island - Materials	-		7,179		
954214 · Annette Island - Travel	-		-		
Total 954210 · Annette Island Hydro Site Eval	-		7,179		
Total 954200 · Third Party Expense	-		7,179		
<b>Total Non-Operating Expense</b>	403,356		3,778,604		
Net Non-Operating Income	(356,187)		(2,798,379)		
<b>Net Income</b>	<b>421,417</b>	<b>417,930</b>	<b>572,998</b>	<b>3,486,894</b>	<b>3,936,477</b>





## DECEMBER 2014 Financial Overview

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DECEMBER, 2014 revenues from kWh sales were under budget:

\$1,217,074 actual vs. \$1,269,560 budget.

- Ketchikan - \$588,608 actual vs. \$649,400 budget
- Petersburg - \$326,120 actual vs. \$327,760 budget
- Wrangell - \$302,346 actual vs. \$292,400 budget

Year-to-date (JULY – DECEMBER) revenues from kWh sales were also below budget:

\$5,505,298 actual vs. \$6,328,624 budget.

- Ketchikan - \$2,730,676 actual vs. \$3,469,360 budget
- Petersburg - \$1,412,883 actual vs. \$1,572,840 budget
- Wrangell - \$1,361,739 actual vs. \$1,286,424 budget

DECEMBER, 2014 sales in kWh · 17,898,140

DECEMBER, 2013 sales in kWh · 19,445,640

DECEMBER, 2012 sales in kWh · 19,750,950

Year-to-date (JULY – DECEMBER, 2014) sales in kWh · 80,960,270

Year-to-date (JULY – DECEMBER, 2013) sales in kWh · 96,683,960

Year-to-date (JULY – DECEMBER, 2012) sales in kWh · 86,751,350

Administrative and operating expenses for DECEMBER, 2014 were below budget:

\$442,556 actual vs. \$598,240 budget

Year-to-date administrative and operating expenses (JULY – DECEMBER) were also below budget: \$2,904,367 actual vs. \$3,259,660 budget.

Our trustee issued an interest payment of \$317,213 to the 2009 Series bondholders.

As always, feel free to ask any questions concerning the financials.

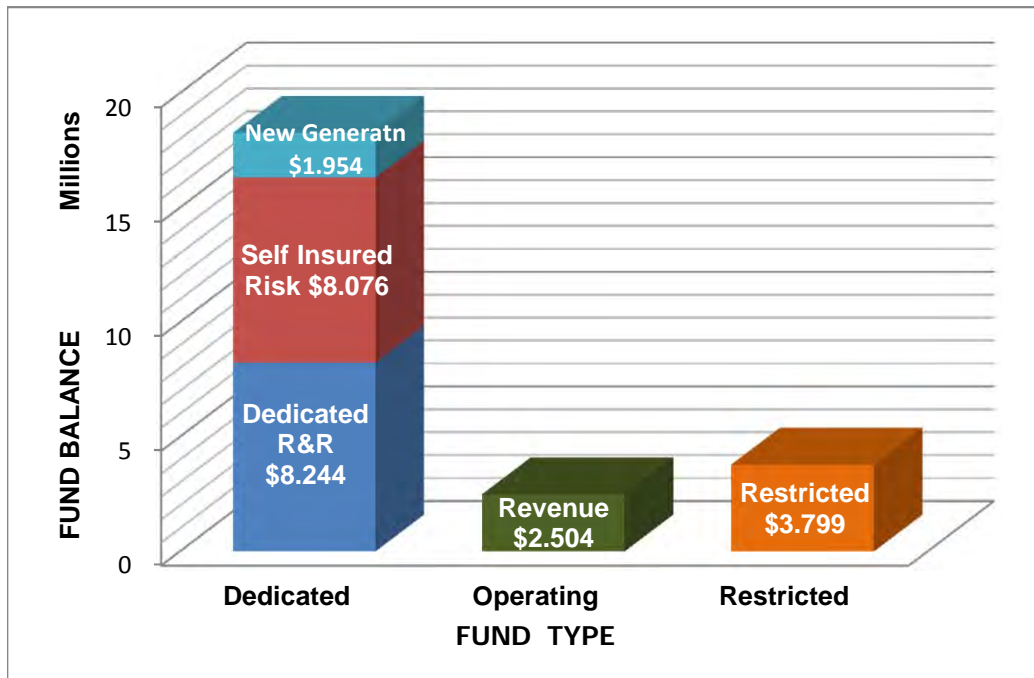
# SOUTHEAST ALASKA POWER AGENCY

## Fund Allocation Graph

DECEMBER 2014

### Agency Funds

111000 · Ops/Capital/Insurance Funds	
111100 · Revenue Fund FB	2,502,345
111200 · Required R&R Fund FB	1,000,918
111210 · Dedicated R&R Projects Fund FB	8,244,192
111300 · Commercial FB	1,000
111400 · Subordinate Debt Fund FB	310
111401 · New Generation Fund	1,954,013
111500 · Self Insured Risk Fund FNBA	8,075,819
Total 111000 · Ops/Capital/Insurance Funds	21,778,597
112000 · Trustee Funds	
112100 · WF Trust Bond Interest	105,757
112200 · WF Trust Bond Principal	483,364
112300 · WF Trust Bond Reserve	1,410,004
Total 112000 · Trustee Funds	1,999,125
113000 · Other Restricted Funds	
113100 · STI - USFS CD WF	21,620
113500 · DNR Reclamation Fund WF	777,256
Total 113000 · Other Restricted Funds	798,875
<b>Total Agency Funds</b>	<b>24,576,597</b>



### Dedicated Funds

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

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

Dedicated R&R = Funds Replacement & Repair projects approved by the SEAPA Board in the FY15 budget

### Operating Funds

Revenue Fund & Commercial Checking

All SEAPA income is deposited to the Revenue Fund as required in the 2009 Bond Indenture.

### Restricted Funds (Legally or contractually restricted)

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

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

DNR = Alaska DNR Reclamation Agreement

USFS = USFS Land Remediation Certificate of Deposit

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Financial Position - Summary**  
**As of December 31, 2014**

**ASSETS**

Current Assets

Agency Funds

111000 · Ops/Capital/Insurance Funds 21,778,597

112000 · Trustee Funds 1,999,125

113000 · Other Restricted Funds 798,875

Total Agency Funds 24,576,597

Accounts Receivable

110000 · Accounts Receivable 1,645,988

110100 · Grants Receivable 264,353

Total Accounts Receivable 1,910,341

Other Current Assets

120000 · Other Current Assets 370,902

Total Other Current Assets 370,902

Total Current Assets 26,857,840

Fixed Assets

130000 · Fixed Assets 129,954,702

Total Fixed Assets 129,954,702

Other Assets

183000 · Deferred Assets 245,111

Total Other Assets 245,111

**TOTAL ASSETS 157,057,652**

**LIABILITIES & NET POSITION**

Liabilities

Current Liabilities

Accounts Payable

210100 · Accounts Payable General 219,613

Total Accounts Payable 219,613

Other Current Liabilities

210150 · Other Current Liabilities 256,650

210300 · Reserve Interest Payable 52,867

210400 · Wages Payable 136,783

210500 · Payroll Liabilities 10,805

Total Other Current Liabilities 457,105

Total Current Liabilities 676,718

Long Term Liabilities

220000 · Long Term Liabilities 13,790,177

Total Long Term Liabilities 13,790,177

Total Liabilities 14,466,895

Net Position

310000 · Net Position 142,439,177

Net Income 151,581

Total Net Position 142,590,757

**TOTAL LIABILITIES & NET POSITION 157,057,652**

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Summary**  
**December 2014**

Operating Income/Expense	
Operating Income	
410000 · Hydro Facility Revenues	1,217,074
Total Operating Income	<u>1,217,074</u>
Gross Income	1,217,074
Operating Expense	
535000 · Hydro Ops-Suprvsn & Engineering	(14,552)
538000 · Electric Expenses	3,572
539000 · Misc Power Generation Expense	49,474
540000 · Rents	10,829
541000 · Hydro Power Station Maintenance	4,771
543000 · Dams, Reservoirs & Waterways	450
544000 · Maintenance of Electric Plant	106,336
545000 · Plant Miscellaneous Maintenance	5,272
561000 · Trans/Gen SCADA	1,373
562000 · Trans/Operations Station Exp	2,386
571000 · Trans/Maint Overhead Lines(OHL)	28,655
920000 · Administrative Expenses	103,370
921000 · Office Expenses	9,206
922000 · Legislative Affairs	4,000
923000 · Contract Services	61,995
924000 · Insurance	41,837
928000 · Regulatory Commission Expense	15,705
930000 · General Expenses	10,348
931000 · Admin Rent	4,689
Total Operating Expense	<u>449,716</u>
Net Operating Income	767,358
Non-Operating Income/Expense	
Non-Operating Income	
941000 · Grant Income	264,353
941100 · Third Party Income	7,179
942000 · Interest Income	11,722
945000 · Unrealized Gain/Loss	25,974
Total Non-Operating Income	<u>309,228</u>
Non-Operating Expense	
952000 · Bond Interest 2009 Series	56,044
953000 · Depreciation Expense	338,483
954000 · Grant Expenses	84,379
954100 · Contributed Capital	(35,733)
954200 · Third Party Expense	-
Total Non-Operating Expense	<u>443,173</u>
Net Non-Operating Income	<u>(133,944)</u>
<b>Net Income</b>	<u><u>633,414</u></u>

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Financial Position - Detail**  
**As of December 31, 2014**

**ASSETS**

Current Assets

Agency Funds

111000 · Ops/Capital/Insurance Funds	
111100 · Revenue Fund FB	2,502,345
111200 · Required R&R Fund FB	1,000,918
111210 · Dedicated R&R Projects Fund FB	8,244,192
111300 · Commercial FB	1,000
111400 · Subordinate Debt Fund FB	310
111401 · New Generation Fund	1,954,013
111500 · Self Insured Risk Fund FNBA	8,075,819
Total 111000 · Ops/Capital/Insurance Funds	<u>21,778,597</u>

112000 · Trustee Funds

112100 · WF Trust Bond Interest	105,757
112200 · WF Trust Bond Principal	483,364
112300 · WF Trust Bond Reserve	1,410,004
Total 112000 · Trustee Funds	<u>1,999,125</u>

113000 · Other Restricted Funds

113100 · STI - USFS CD WF	21,620
113500 · DNR Reclamation Fund WF	777,256
Total 113000 · Other Restricted Funds	<u>798,875</u>

Total Agency Funds 24,576,597

Accounts Receivable

110000 · Accounts Receivable	1,645,988
110100 · Grants Receivable	264,353
Total Accounts Receivable	<u>1,910,341</u>

Other Current Assets

120000 · Other Current Assets

120200 · Other Receivables	4,306
120300 · Accrued Interest Receivable	22,046
120500 · Prepaid Fees	
120520 · Prepaid Insurance	292,857
120530 · Prepaid Operating Expense	27,451
120550 · Prepaid Admin Benefits	16,098
Total 120500 · Prepaid Fees	<u>336,407</u>

120700 · Inventory Assets

120701 · Inventory - Wood Poles	8,143
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Total 120700 · Inventory Assets 8,143

Total 120000 · Other Current Assets 370,902

Total Other Current Assets 370,902

Total Current Assets 26,857,840

Fixed Assets

130000 · Fixed Assets

130100 · Capital Assets

130110 · Swan Lake	16,390,545
130120 · Tyee Lake	27,650,797
130130 · SEAPA Office	733,897
132100 · Swan Tyee Intertie in Operation	111,578,874
Total 130100 · Capital Assets	<u>156,354,113</u>

132200 · R&R Projects WIP Capital Improv

132210 · R&R Projects - WIP Swan Lake

1322100 · R&R WIP SWL- Reservoir Increase	
1322101 · WIP SWL Agency Permits/Environm	703,160
1322103 · WIP SWL Equipment	2,261
1322104 · WIP SWL Engineering/Design	475,351
1322105 · WIP SWL Legal	18,179
1322106 · WIP SWL Project Mgmt/Professnal	130,241
Total 1322100 · R&R WIP SWL- Reservoir Increas	<u>1,329,192</u>

132210 · R&R Projects - WIP Swan Lake - Other	<u>680,522</u>
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**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Financial Position - Detail**  
**As of December 31, 2014**

Total 132210 · R&R Projects - WIP Swan Lake	2,009,713
132220 · R&R Projects - WIP Tyee Lake	552,637
132230 · R&R Projects - WIP STI-Transmsn	67,569
132240 · R&R Projects - WIP SEAPA Office	41,577
Total 132200 · R&R Projects WIP Capital Improv	<u>2,671,497</u>
1328100 · Capital Inventory SWL	
1328101 · Inventory-SWL Winding Replacmnt	890,405
Total 1328100 · Capital Inventory SWL	<u>890,405</u>
132900 · Accumulated Depreciation	(29,961,314)
Total 130000 · Fixed Assets	<u>129,954,702</u>
Total Fixed Assets	129,954,702
Other Assets	
183000 · Deferred Assets	
183001 · Long Term Receivable	242,499
183300 · Meterological Tower	2,612
Total 183000 · Deferred Assets	<u>245,111</u>
Total Other Assets	<u>245,111</u>
<b>TOTAL ASSETS</b>	<u><u>157,057,652</u></u>
<b>LIABILITIES &amp; EQUITY</b>	
Liabilities	
Current Liabilities	
Accounts Payable	
210100 · Accounts Payable General	219,613
Total Accounts Payable	<u>219,613</u>
Other Current Liabilities	
210150 · Other Current Liabilities	256,650
210300 · Reserve Interest Payable	52,867
210400 · Wages Payable	136,783
210500 · Payroll Liabilities	
210522 · SUI Tax Payable	2,544
210531 · IBEW H&W Payable	4,938
210541 · IBEW Pension Payable	2,684
210550 · IBEW Dues Payable	639
Total 210500 · Payroll Liabilities	<u>10,805</u>
Total Other Current Liabilities	<u>457,105</u>
Total Current Liabilities	<u>676,718</u>
Long Term Liabilities	
220000 · Long Term Liabilities	
220100 · Series B Bonds 2009	13,400,000
220110 · Bond Issuance Premium	7,512
220120 · Bond Discount	(106,103)
220121 · PERS Unfunded Liability WRG	488,768
Total 220000 · Long Term Liabilities	<u>13,790,177</u>
Total Long Term Liabilities	<u>13,790,177</u>
Total Liabilities	14,466,895
Net Position	
310000 · Net Position	
3100001 · Net Investment Capital Assets	117,992,794
3100002 · Restricted for Debt Service	1,359,425
3100003 · Restricted by External Agreemnt	798,874
3100004 · Unrestricted	22,288,083
Total 310000 · Net Position	<u>142,439,177</u>
Net Income	151,581
Total Net Position	<u>142,590,757</u>
<b>TOTAL LIABILITIES &amp; NET POSITION</b>	<u><u>157,057,652</u></u>

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
**December 2014**

	Dec 14	Budget	Jul-Dec '14	YTD Budget	Annual Budget
Operating Income/Expense					
Operating Income					
410000 · Hydro Facility Revenues					
410100 · Ketchikan Power Purchases	588,608	649,400	2,730,676	3,469,360	6,345,760
410200 · Petersburg Power Purchases	326,120	327,760	1,412,883	1,572,840	2,880,548
410300 · Wrangell Power Purchases	302,346	292,400	1,361,739	1,286,424	2,455,344
Total 410000 · Hydro Facility Revenues	1,217,074	1,269,560	5,505,298	6,328,624	11,681,652
Total Operating Income	1,217,074	1,269,560	5,505,298	6,328,624	11,681,652
Operating Expense					
535000 · Hydro Ops-Suprvsn & Engineering					
535100 · Hyd/Ops Sup & Eng - Swan Lake	551	2,170	2,532	16,650	36,180
535150 · Hyd/Ops Sup & Eng - SWL SEAPA	110	110	2,940	830	9,850
535200 · Hyd/Ops Sup & Eng - Tyee Lake	(15,913)	22,480	59,323	140,220	310,690
535250 · Hyd/Ops Sup & Eng - TYL SEAPA	-	2,000	4,639	4,000	33,500
535400 · Hyd/Op Sup & Eng - Proj Drawing	700	7,000	27,286	40,000	133,600
535700 · Hyd/Op Sup & Eng - 4R Plan	-	400	1,548	2,400	5,000
Total 535000 · Hydro Ops-Suprvsn & Engineering	(14,552)	34,160	98,268	204,100	528,820
537000 · Hydraulic Expenses					
537150 · Hydraulic Expense - SWL SEAPA	-	-	-	-	4,000
537250 · Hydraulic Expense - TYL SEAPA	-	-	-	-	6,000
Total 537000 · Hydraulic Expenses	-	-	-	-	10,000
538000 · Electric Expenses					
538100 · Electric Expense - Swan Lake	3,305	1,000	7,199	6,250	13,250
538150 · Electric Expense - SWL SEAPA	-	3,000	18,872	12,000	30,000
538200 · Electric Expense - Tyee Lake	267	1,000	9,625	6,000	12,000
538250 · Electric Expense - TYL SEAPA	-	3,000	19,834	12,000	30,000
Total 538000 · Electric Expenses	3,572	8,000	55,530	36,250	85,250
539000 · Misc Power Generation Expense					
539100 · Misc Exp - Swan Lake	23,371	10,000	78,370	60,000	130,690
539150 · Misc Expense - SWL SEAPA	2,177	8,000	14,163	35,200	83,200
539200 · Misc Expense - Tyee Lake	12,622	3,060	65,416	55,540	80,500
539250 · Misc Expense - TYL SEAPA	11,305	16,000	57,240	85,000	181,000
Total 539000 · Misc Power Generation Expense	49,474	37,060	215,190	235,740	475,390
540000 · Rents					
540300 · FERC Land Use Fee - Swan Lake	1,000	1,000	5,627	6,000	12,000
540400 · FERC Land Use Fee - Tyee Lake	3,300	3,350	19,489	19,900	40,000
540500 · USDA Land Use Fee - USFS ROW	1,570	1,650	9,421	9,900	20,000
540600 · USDA Land Use Fee - STI	4,810	4,850	28,857	28,900	58,000
540700 · USDA Tyee Passive Reflector	105	110	632	640	1,300
540710 · USDA Etolin Burnett Radio	44	50	266	300	600
Total 540000 · Rents	10,829	11,010	64,293	65,640	131,900
541000 · Hydro Power Station Maintenance					
541100 · Maint/Supervision - Swan Lake	1,597	800	16,803	13,600	19,000
541150 · Maintenance - SWL SEAPA	1,551	150	12,414	3,950	5,000
541200 · Maint/Supervision - Tyee Lake	1,061	1,000	9,255	4,000	10,000
541250 · Maintenance - TYL SEAPA	562	1,000	562	4,000	10,000
Total 541000 · Hydro Power Station Maintenance	4,771	2,950	39,034	25,550	44,000
543000 · Dams, Reservoirs & Waterways					
543100 · Dams Res & Waterwys - Swan Lake	450		450		
543150 · Dams Res & Waterwys - SWL SEAPA	-	-	1,620	3,120	10,000
543200 · Dams Res & Waterwys - Tyee Lake	-	-	4,769	1,500	2,500
543250 · Dams Res & Waterwys - TYL SEAPA	-	1,000	31,574	11,300	39,075
Total 543000 · Dams, Reservoirs & Waterways	450	1,000	38,414	15,920	51,575

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
**December 2014**

	Dec 14	Budget	Jul-Dec '14	YTD Budget	Annual Budget
544000 · Maintenance of Electric Plant					
544100 · Maint Electric Plant-Swan Lake	50,798	45,000	314,097	285,000	581,000
544200 · Maint Electric Plant-Tyee Lake	142	-	82,161	82,000	82,000
5442900 · TYL Plant Wages & Benefits					
5442911 · TYL Plant Wages/PTO	41,273	30,000	149,729	118,100	312,600
5442912 · TYL Plant Wages OT	298	2,500	6,601	8,500	27,300
5442920 · TYL Plant Benefit - Taxes	3,499	3,000	13,209	12,000	30,000
5442930 · TYL Plant Benefits - Insurance	6,442	6,450	28,961	25,800	64,500
5442940 · TYL Plant Benefits - Retirement	3,883	6,250	15,974	22,500	60,100
Total 5442900 · TYL Plant Wages & Benefits	55,396	48,200	214,474	186,900	494,500
Total 544000 · Maintenance of Electric Plant	106,336	93,200	610,731	553,900	1,157,500
545000 · Plant Miscellaneous Maintenance					
545100 · Plant Misc Maint - Swan Lake	3,040	1,000	12,714	13,000	42,000
545150 · Plant Misc Maint - SWL SEAPA	-	2,500	33,442	7,500	24,100
545200 · Plant Misc Maint - Tyee Lake	2,231	500	11,248	6,620	17,500
545250 · Plant Misc Maint - TYL SEAPA	-	-	51	4,480	5,650
Total 545000 · Plant Miscellaneous Maintenance	5,272	4,000	57,455	31,600	89,250
561000 · Trans/Gen SCADA					
561150 · Trans/Gen SCADA - SWL SEAPA	686	3,500	2,745	14,000	35,000
561250 · Trans/Gen SCADA - TYL SEAPA	686	3,500	3,214	14,000	35,000
Total 561000 · Trans/Gen SCADA	1,373	7,000	5,959	28,000	70,000
562000 · Trans/Operations Station Exp					
562100 · Trans/Ops Station - Swan Lake	-	150	13,184	13,900	15,000
562150 · Trans/Ops Station - SWL SEAPA	-	250	-	2,500	35,000
562200 · Trans/Ops Station - Tyee Lake	2,386	1,220	10,029	6,860	26,000
562250 · Trans/Ops Station-TYL SEAPA	-	2,000	8,596	20,000	83,500
Total 562000 · Trans/Operations Station Exp	2,386	3,620	31,809	43,260	159,500
564000 · Trans/Submarine Cable Expense					
564200 · Trans/Sub Cable Exp - Tyee Lake	-	500	-	3,000	12,000
564250 · Trans/Sub Cable Exp - TYL SEAPA	-	1,000	-	4,000	10,000
Total 564000 · Trans/Submarine Cable Expense	-	1,500	-	7,000	22,000
571000 · Trans/Maint Overhead Lines(OHL)					
571100 · Trans/Maint OHL - Swan Lake	-	-	-	3,300	15,000
571150 · Trans/Maint OHL - SWL SEAPA	4,422	-	17,077	-	248,630
571151 · Trans/Maint OHL - SWL ROW Clear	-	30,000	-	80,000	250,000
571200 · Trans/Maint OHL - Tyee Lake	2,558	3,040	24,636	35,240	53,600
571250 · Trans/Maint OHL - TYL SEAPA	16,980	-	162,913	121,320	494,380
5712900 · TYL Brushing Wages & Benefits					
5712911 · TYL Brushing Wages/PTO	576	12,000	6,792	48,000	123,000
5712912 · TYL Brushing Wages OT	-	-	259	2,000	6,200
5712920 · TYL Brushing Benefit - Taxes	-	1,000	1,237	3,750	10,500
5712930 · TYL Brushing Benefit- Insurance	2,416	3,300	10,195	13,400	33,500
5712940 · TYL Brushing Benefit- Retirement	1,353	2,000	4,510	7,000	19,000
Total 5712900 · TYL Brushing Wages & Benefits	4,344	18,300	22,993	74,150	192,200
571300 · Trans/Maint OHL STI Maintenance	-	-	142,727	144,950	304,150
571600 · Trans/Maint OHL Spare Mat Stor	350	500	350	500	500
571800 · Trans/Maint OHL System Events	-	20,000	-	60,000	100,000
Total 571000 · Trans/Maint Overhead Lines(OHL)	28,655	71,840	370,696	519,460	1,658,460



**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
December 2014

	Dec 14	Budget	Jul-Dec '14	YTD Budget	Annual Budget
920000 · Administrative Expenses					
920100 · Admin Wages & Benefits					
9201911 · Admin Wages/PTO	69,757	75,000	327,337	355,000	805,000
9201912 · Admin Wages - Overtime	-	100	-	100	1,000
9201920 · Admin Benefit - Taxes	2,056	5,000	17,881	27,300	57,300
9201930 · Admin Benefit - H&W Insurance	11,766	15,000	64,259	80,500	182,100
9201940 · Admin Benefit - Retirement	19,792	21,700	109,165	111,700	246,700
Total 920100 · Admin Wages & Benefits	103,370	116,800	518,642	574,600	1,292,100
Total 920000 · Administrative Expenses	103,370	116,800	518,642	574,600	1,292,100
921000 · Office Expenses					
921100 · Office Supplies	792	1,500	4,735	8,500	17,500
921200 · Office Equipment	735	2,000	7,129	12,450	24,450
921300 · Phone, Courier, Internet	7,211	7,000	40,791	42,000	86,260
921400 · System Network / IT Support	379	5,000	22,751	28,500	60,000
921600 · Vehicle Expenses	89	220	488	1,100	2,500
Total 921000 · Office Expenses	9,206	15,720	75,894	92,550	190,710
922000 · Legislative Affairs	4,000	4,000	24,000	24,000	65,000
923000 · Contract Services					
923200 · Annual Financial Audit	-	4,250	19,000	25,000	25,000
923300 · Bank & Trustee Fees	260	320	1,711	1,670	11,050
923400 · Insurance Consultant	-	-	3,559	12,500	18,000
923500 · Investment Consultant	1,677	13,360	10,114	19,100	46,000
923600 · Legal Fees	40,515	18,000	131,201	75,000	200,000
923700 · Recruitment	9,064	2,500	26,953	12,700	30,000
923800 · Other Professional Services	10,479	30,000	40,930	74,500	211,000
Total 923000 · Contract Services	61,995	68,430	233,468	220,470	541,050
924000 · Insurance	41,837	44,000	248,597	265,000	529,000
926000 · Retiree Benefits					
926250 · Retiree Benefits TYL-PERS	-		35,357		
926000 · Retiree Benefits - Other	-	50,000	-	140,000	210,000
Total 926000 · Retiree Benefits	-	50,000	35,357	140,000	210,000
928000 · Regulatory Commission Expense					
928150 · FERC SWL Admin Fees	3,250	4,000	18,037	23,500	47,500
928151 · FERC SWL Other Expenses	9,455	1,500	34,031	11,520	60,920
928152 · AK DNR SWL Fees	-	-	-	-	50
928250 · FERC TYL Admin Fees	3,000	4,000	16,551	21,000	45,000
928251 · FERC TYL Other Expenses	-	150	-	800	7,750
928252 · AK DNR TYL Fees	-	-	-	-	100
928000 · Regulatory Commission Expense - Other	-		4,500		
Total 928000 · Regulatory Commission Expense	15,705	9,650	73,119	56,820	161,320
930000 · General Expenses					
930100 · Advertising Expense	1,705	200	2,681	1,600	5,000
930110 · Public Relations	246	1,600	14,256	9,600	25,000
930111 · PR - SEAPA History Project	-	-	-	3,000	35,000
930300 · Association Dues Expense	-	500	20,704	19,650	27,650
930310 · Professional Assn Dues	-	-	220	250	500
930400 · Board Meeting Expenses	2,508	5,250	13,364	21,000	45,000
930500 · Training Expense	2,186	1,000	13,520	15,000	29,000
930600 · Travel Expense	2,980	500	19,159	18,500	40,000
930700 · Non-Travel Incidental	723	300	1,477	1,500	3,000
Total 930000 · General Expenses	10,348	9,350	85,382	90,100	210,150
931000 · Admin Rent					
931010 · Office Rent	3,939	4,200	25,188	25,200	53,200
931100 · Apartment Rent - Ketchikan	750	750	4,500	4,500	9,000
Total 931000 · Admin Rent	4,689	4,950	29,688	29,700	62,200
Total Operating Expense	449,716	598,240	2,911,526	3,259,660	7,745,175
Net Operating Income	767,358	671,320	2,593,772	3,068,964	3,936,477

**SOUTHEAST ALASKA POWER AGENCY**  
**Statement of Activities - Budget Comparison Detail**  
December 2014

	Dec 14	Budget	Jul-Dec '14	YTD Budget	Annual Budget
Non-Operating Income/Expense					
Non-Operating Income					
941000 · Grant Income	264,353		855,333		
941100 · Third Party Income	7,179		7,179		
942000 · Interest Income					
942100 · Misc Interest Income	758		3,904		
942200 · Investment Interest Income	10,964		49,222		
942000 · Interest Income - Other	-		451		
Total 942000 · Interest Income	11,722		53,577		
944000 · Realized Gain/Loss					
944200 · Realized Gain/Loss on Invest	-		(41,453)		
Total 944000 · Realized Gain/Loss	-		(41,453)		
945000 · Unrealized Gain/Loss					
945200 · Unrealized Gain/Loss Investment	25,974		58,421		
Total 945000 · Unrealized Gain/Loss	25,974		58,421		
Total Non-Operating Income	309,228		933,056		
Non-Operating Expense					
950001 · Misc Nonoperating Expense	-		1,976		
950002 · Special Item- Tyee Ops Transitr	-		405,708		
952000 · Bond Interest 2009 Series	56,044		325,897		
953000 · Depreciation Expense	338,483		2,030,897		
954000 · Grant Expenses					
954002 · Grant Contractual	59,829		841,766		
954004 · Grant Labor & Benefits	-		9,428		
954005 · Grant Legal	12,754		16,919		
954006 · Grant Materials & Supplies	11,373		13,278		
954007 · Grant Non-Operating Expense	54		2,464		
954008 · Grant Travel	368		18,984		
Total 954000 · Grant Expenses	84,379		902,838		
954100 · Contributed Capital	(35,733)		(299,247)		
954200 · Third Party Expense					
954210 · Annette Island Hydro Site Eval					
954211 · Annette Island - Contractual	-		-		
954212 · Annette Island - Materials	-		7,179		
954214 · Annette Island - Travel	-		-		
Total 954210 · Annette Island Hydro Site Eval	-		7,179		
Total 954200 · Third Party Expense	-		7,179		
Total Non-Operating Expense	443,173		3,375,248		
Net Non-Operating Income	(133,944)		(2,442,192)		
<b>Net Income</b>	<b>633,414</b>	<b>671,320</b>	<b>151,581</b>	<b>3,068,964</b>	<b>3,936,477</b>

## Southeast Alaska Power Agency

February 28, 2015

## SUMMARY - WIP R&amp;R CAPITAL PROJECTS

R&R Project	FY2015			ANNUAL EXPENDITURES					Overall BUDGET
	Budget	Expenditures		FY12	FY13	FY14	FY15	TOTAL	
220-12 SCADA Upgrade	\$ 177,400	\$ 69,932	Integrating with operations.	130,663	156,453	880,036	69,932	<b>1,237,083</b>	1,347,209
228-13 Circuit Switcher WRG	\$ 170,000	\$ 104,217	Tentative install Apr 2015.		-	-	104,217	<b>104,217</b>	170,000
231-13 Helicopter Pads	\$ 1,500,000	\$ 40,955	To award manufacture bid.		57,731	98,391	40,955	<b>197,077</b>	3,350,000
232-13 Communications Upgrade	\$ 326,000	\$ 15,843	Pending DNR permit.		12,160	184,771	15,843	<b>212,774</b>	520,100
236-13 Wrangell Reactor	\$ 1,489,391	\$ 43,010	Delivery Apr 2015		55,066	216,832	43,010	<b>314,909</b>	1,600,000
240-13 Cooling Water TYL	\$ 105,534	\$ -	Coordinating with 258-15.		26,600	67,566	-	<b>94,165</b>	199,700
241-13 Stream Gauge TYL	\$ 910,478	\$ 15,567	Partially capitalized, ongoing.		37,845	562,635	15,567	<b>616,047</b>	1,467,758
242-13 Reservoir Expansion SWL	\$ 763,736 \$ (763,736)	\$ 404,822	100% grant funded in FY2015.	151,421	421,782 (6,392)	394,811 (245,260)	404,822 (399,218)	<b>1,372,836</b> <b>(650,871)</b>	13,391,869 (3,898,000)
243-14 Compactor-Roller TYL	\$ -	\$ 3,100	<b>Complete - Delivered July 2014.</b>			\$ 65,391	\$ 3,100	<b>68,491</b>	80,000
245-14 Crew Boat SWL	\$ 157,843	\$ 157,017	<b>Complete - Sep 2015.</b>			357	157,017	<b>157,374</b>	158,200
248-14 Lathe TYL	\$ 25,177	\$ -	Vendor nonresponsive.			16,593	-	<b>16,823</b>	42,000
249-14 Marine Term Gage/CommTYL	\$ 245,000	\$ 3,103	Gages ordered Feb 2015.			-	3,103	<b>3,103</b>	245,000
251-14 Powerhs Roof Repair SWL	\$ 398,987	\$ 4,215	RFP to be issued Apr 2015.			913	4,215	<b>5,128</b>	399,900
252-14 Submarine SpliceSpareTYL	\$ 288,000	\$ -	Existing kits evaluated			-	-	-	288,000
254-14 Water Tank Remediatn SWL	\$ 69,200	\$ 1,797	Scheduled for May 2015.			3,800	1,797	<b>5,597</b>	73,000
255-14 Wood Helipad Repair SWL	\$ 104,000	\$ 446	RFP Apr 2015				446	<b>446</b>	104,000
256-15 Alarm Trip Protectn SWL-TYL	\$ 222,000	\$ -	RFP scheduled for April.				-	-	222,000
257-15 Pressure-Reducing Valve TYL	\$ 71,000	\$ -	Working with Tyee crew.				-	-	71,000
258-15 System Control Improve SWL-T	\$ 116,800	\$ -	Bids due Mar 2015.				-	-	116,800
259-15 Turbine Shutoff Valves TYL	\$ 575,240	\$ 3,606	Contract awarded to HDR.				3,606	<b>3,606</b>	575,240
260-15 Exciters SWL	\$ 816,500	\$ 1,500	Purchase specs in development.				1,500	<b>1,500</b>	816,500
261-15 Generator Switch Gear SWL	\$ 946,800	\$ 1,000	Purchase specs in development.				1,000	<b>1,000</b>	946,800
<b>Total WIP R&amp;R Capital Projects</b>	<b>\$8,715,350</b>	<b>\$870,131</b>		<b>\$282,084</b>	<b>\$761,244</b>	<b>\$2,246,835</b>	<b>\$470,912</b>	<b>\$3,761,305</b>	<b>\$22,287,076</b>

Date	Num	Vendor	FY15 BUDGET \$	Expenditures	Description
<b>220-12 SCADA Upgrade</b>			<b>\$177,400</b>	-	SEAPA-System Supervisory Control and Data Acquisition (SCADA) Consolidation Project. Installed and operational. Initiating integration with other facility operations. (E.Wolfe)
	\$156,453	<i>FY13 Expenditures</i>			
	\$881,204	<i>FY14 Expenditures</i>			
	(\$674,780)	<i>FY14 TYL Portion Capitalized</i>			
06/30/14	811	Fiber Fusion		5,074	FY14 CAPITALIZED TYL Portion of Project \$674K
06/30/14	812	Fiber Fusion		2,144	
06/30/14	INV14012	Segrity LLC		14,810	
08/22/14	28997	<i>Taquan Air</i>		156	
08/27/14	51932	<i>Sunrise Aviation Inc</i>		313	
08/29/14	51939	Sunrise Aviation Inc		720	
08/30/14	INV14014	Segrity LLC		8,212	
09/05/14	825	Fiber Fusion		1,967	
09/05/14	825	Fiber Fusion		1,967	
09/05/14	825	Fiber Fusion		1,967	
09/16/14	826	Fiber Fusion		10,671	
09/16/14	826	Fiber Fusion		10,671	
09/17/14	INV14015	Segrity LLC		587	
09/30/14	373	General Journal		48	
41943	I367	Siemens Industry Inc		(589)	
02/01/15	827	Fiber Fusion		11,215	
<b>Total 220-12 SCADA Upgrade</b>				<b>562,303</b>	
<b>228-13 Circuit Switcher WRG</b>			<b>\$170,000</b>	-	Replace manual 3-phase circuit switcher at the Wrangell switchyard.
07/31/14	HEN0453-201407	"Bank of America		33	Delivered to WRG switchyard October 2014. Installation tentatively
10/08/14	85432	Southern States LLC		103,064	shcheduled for April. (S.Henson)
10/23/14	S062WRA15N	Samson Tug & Barge		1,121	
<b>Total 228-13 Circuit Switcher Wrg</b>				<b>104,217</b>	

Date	Num	Vendor	FY15 BUDGET \$	Expenditures	Description
<b>231-13 Helicopter Pads</b>			<b>\$1,500,000</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. Project Management: Tongass Engineering (S.Henson)
	\$57,731	FY13 Expenditures			
	\$98,391	FY14 Expenditures			
	(\$114,921)	FY14 Capitalize Prototypes			
06/30/14	1320117	Tongass Engineering		3,176	FY14 CAPITALIZED \$114,921 (Prototypes)
06/30/14	14070071	PND Engineers		1,170	
07/25/14	50824990	Tetra Tech Inc		857	Helipad manufacturing contract to be awarded in March 2015.
07/31/14	27996	Temsco Helicopters, Inc.		2,569	
07/31/14	73	Full Cycle LLC		1,393	
08/01/14	28032	Temsco Helicopters, Inc.		1,339	
08/16/14	BAM122	BAM LLC		13,350	
08/18/14	14080064	PND Engineers		2,274	
08/22/14	50828719	Tetra Tech Inc		690	
08/31/14	1320118	Tongass Engineering		5,723	
09/26/14	50846456	Tetra Tech Inc		84	
10/24/14	50855139	Tetra Tech Inc		252	
12/10/14	13201-19	Tongass Engineering		2,888	
01/12/15	1320120	Tongass Engineering		1,995	
01/26/15	30526	Ketchikan Daily News		69	
01/28/15	3296531	Daily Journal of Commerce		55	
01/29/15	58173	Pilot Publishing, Inc.		71	
01/29/15	58179	Wrangell Sentinel		58	
02/01/15	ADN20150201	Alaska Dispatch News		110	
02/11/15	1320121	Tongass Engineering		2,835	
<b>Total 231-13 Helicopter Pads</b>				<b>82,157</b>	
<b>232-13 Communications Upgrade</b>			<b>\$326,000</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, pending DNR approval. (S.Henson)
	\$ 12,160	FY13 Expenditures			
	\$(177,163)	FY14 Capitalize SWL-SEA Office			
06/27/14	50814461	Tetra Tech Inc		999	CAPITALIZED SWL-SEAPA Office \$177,163
09/30/14	INV14012	Segrity LLC		750	
07/25/14	50826176	Tetra Tech Inc		952	
08/22/14	50828723	Tetra Tech Inc		3,625	
08/26/14	Easement	AK DNR 111020 JNU		100	
09/26/14	50846461	Tetra Tech Inc		1,432	
10/24/14	50855145	Tetra Tech Inc		303	
11/21/14	50865543	Tetra Tech Inc		270	
11/30/14	THO9358-201411	"Bank of America		214	
12/26/14	50873135	Tetra Tech Inc		168	
01/06/15	44031	Tongass Engineering		7,030	
<b>Total 232-13 Communications Upgrade</b>				<b>35,611</b>	

Date	Num	Vendor	FY15 BUDGET \$	Expenditures	Description
<b>236-13 Wrangell Reactor</b>			<b>\$1,489,391</b>	-	Replace aging reactor in Wrangell with switchable reactors and capacitors. Design completed by project manager, EPS. Manufactured by ABB; tested and approved by Norconsult Delivery scheduled for Apr 2015. (S.Henson)
	\$ 55,066	<i>FY13 Expenditures</i>			
	\$ 216,832	<i>FY14 Expenditures</i>			
07/31/14	4130	Electric Power Systems Inc.		1,750	
09/16/14	4390	Electric Power Systems Inc.		2,030	
09/30/14	4651	Electric Power Systems Inc.		10,513	
10/31/14	4896	Electric Power Systems Inc.		16,039	
12/29/14	5309	Electric Power Systems Inc.		3,982	
12/31/14	104600593	Norconsult		8,697	
<b>Total 236-13 Wrangell Reactors</b>				<b>314,909</b>	
<b>240-13 Cooling Water TYL</b>			<b>\$105,534</b>	-	Piping installation complete. Valves and control work remain. (E.Wolfe)
	\$ 26,600	<i>FY13 Expenditures</i>			
	\$ 67,566	<i>FY14 Expenditures</i>			CAPITALIZED PIPE INSTALLATION \$94,165
	\$ (94,165)	<i>FY14 Pipe Install Capitalized</i>			Scheduled to coordinate with RR258-15.
<b>Total Project</b>				<b>-</b>	
<b>241-13 Stream Gauge TYL</b>			<b>\$910,478</b>	-	Logs cleared July 2013. Weir construction completed and helipad place by Sep 2013. Emergency shack, concrete placing and grout work planned. (E.Wolfe / E.Schofield)
	\$ 37,845	<i>FY13 Expenditures</i>			
	\$ 562,635	<i>FY14 Expenditures</i>			
	\$ (598,332)	<i>FY14 Weir &amp; Helipad Capitalized</i>			FY14 CAPITALIZED WEIR & HELIPAD \$598,332
11/17/14	4472	McMillen LLC		540	
12/16/14	28459	Temsco Helicopters, Inc.		2,431	
01/10/15	4628	McMillen LLC		12,597	
<b>Total 241-13 Stream Gauge TYL</b>				<b>17,715</b>	

Date	Num	Vendor	FY15 BUDGET \$	Expenditures	Description
<b>242-13 Reservoir Expansion SWL</b>			<b>\$763,736</b>		Refer to report from Director of Special Projects. (E.Wolfe / E.Schofield)
<b>AK DCCED Grant &gt;</b>			<b>(\$763,736)</b>		
06/30/12	\$ 151,421	FY12 Expenditures			
	\$ 421,782	FY13 Expenditures			
	\$ 394,811	FY14 Expenditures		-	
06/27/14	90495970	Hatch Associates Consultants, Inc	\$	5,505	
06/30/14	ALL9609-201406	"Bank of America, \$99.00		99	
06/30/14	51490004	Jacobs Associates, \$34525		34,525	
06/30/14	51490005	Jacobs Associates		18,544	
08/05/14	28753	Taquan Air		935	
08/29/14	51490006	Jacobs Associates		110,127	
08/31/14	ALL9609-201408	"Bank of America		166	
08/31/14	KDR201408	de Rubertis, Kim		800	
09/07/14	4284	McMillen LLC		20,193	
09/30/14	1409	Glenn Brewer Consulting Engineer		6,854	
09/30/14	WOL7101-201409	"Bank of America		541	
09/30/14	KDR201409	de Rubertis, Kim		4,139	
09/30/14	2	Kollgaard, Eric B.		5,904	
10/01/14	51490007	Jacobs Associates		30,572	
10/31/14	ALL9609-201410	"Bank of America		142	
10/31/14	WOL7101-201410	"Bank of America		1,550	
10/31/14	MKCL201410	Morris Kepler Consulting LLC		10,106	
10/31/14	51490008	Jacobs Associates		28,553	
11/02/14	4473	McMillen LLC		508	
11/28/14	51490009	Jacobs Associates		18,734	
11/30/14	MKC201411	Morris Kepler Consulting LLC		15,400	
11/30/14	WOL7101-201411	"Bank of America		91	
11/30/14	4534	McMillen LLC		4,033	
11/30/14	1143	Ascent Law Partners, LLP		4,165	
12/12/14	228338	Yanke Machine Shop		9,644	
12/16/14	116435	Van Ness Feldman PC		2,185	
12/23/14	124842762001	United Rentals		682	
12/28/14	4623	McMillen LLC		445	
12/31/14	1412	Glenn Brewer Consulting Engineer		3,378	
12/31/14	MKC201412	Morris Kepler Consulting LLC		8,895	
12/31/14	MKC201412	Morris Kepler Consulting LLC		2,440	
12/31/14	MAD4548-201412	"Bank of America		150	
12/31/14	WOL7101-201412	"Bank of America		603	
12/31/14	117111	Van Ness Feldman PC		10,570	
01/01/15	BF100522R0008	USDA Forest Service		200	
01/16/15	WOL20150116	.Wolfe, Eric		347	

Date	Num	Vendor	FY15 BUDGET \$	Expenditures	Description
01/20/15	12484276202	United Rentals		532	
01/30/15	51490010	Jacobs Associates		30,510	
01/31/15	MKC201501	Morris Kepler Consulting LLC		5,836	
01/31/15	MKC201501	Morris Kepler Consulting LLC		4,732	
02/04/15	WOL7101-201501	"Bank of America		89	
02/10/15	WOL20150223	.Wolfe, Eric		2	
02/13/15	228920	Yanke Machine Shop		1,396	
<b>Total 242-13 Reservoir Expansion SWL</b>				<u>1,372,836</u>	
<b>243-14 Compactor-Roller TYL</b>			<b>\$0</b>		Purchased and shipped to Wrangell in Mar 2014. Delivered to Tye in July, 2014. CLOSED FY2015.
08/08/13	28027	Ketchikan Daily News		47	
08/08/13	54324	Pilot Publishing, Inc.		44	
08/08/13	54314	Wrangell Sentinel		36	
03/14/14	K40247	Tyler Rental, Inc.		63,900	
03/17/14	S019WRA23N	Samson Tug & Barge		1,364	
12/31/14	1772	Stikine Transportation		3,100	
<b>Total 243-14 Compactor-Roller TYL</b>				<u>68,491</u>	
<b>245-14 Crew Boat SWL</b>			<b>\$157,843</b>		Contract to manufacture awarded to Munson Boats in March 2014. In service August 2014. CLOSED FY15.
09/19/13	3280081	Daily Journal of Commerce		42	
09/19/13	28290	Ketchikan Daily News		53	
09/28/13	54635	Wrangell Sentinel		39	
02/10/14	3284726	Daily Journal of Commerce		48	
02/11/14	15009	Ketchikan Daily News		65	
02/14/14	55767	Pilot Publishing, Inc.		61	
02/14/14	55776	Wrangell Sentinel		50	
08/21/14	2014094	Munson Boats (William E. Munson)		109,226	
09/08/14	2014096	Munson Boats (William E. Munson)		47,791	
<b>Total 245-14 Crew Boat SWL</b>				<u>157,374</u>	
<b>248-14 Lathe TYL</b>			<b>\$25,177</b>		Vendor has been unresponsive; seeking delivery or refund. Working with legal.
06/30/13	MK201306	Morris Kepler Consulting		230.00	
07/09/13	IMC1	Idaho Machinery Company, LLC		16,334.00	
07/31/13	MKC201307	Morris Kepler Consulting		258.75	
<b>Total 248-14 Lathe TYL</b>				<u>16,823</u>	
<b>249-14 Marine Term Gage/Comm</b>			<b>\$245,000</b>		Initiating design of hard to mount pressure transducers and replacement gauges, as well as software design to integrate marine terminal data into SCADA. Gages order from Japan Mar 2015. (S.Henson)
08/02/14	28039	Temsco Helicopters, Inc.		2,558	
08/04/14	215939	Best Western Landing Hotel		545	
<b>Total 249-14 Marine Term Gage/Co</b>				<u>3,103</u>	



Date	Num	Vendor	FY15 BUDGET \$	Expenditures	Description
<b>251-14 Powerhs Roof Repair SWL</b>			<b>\$398,987</b>		May Engineering preparing specifications for bid. RFP for work to be issued in April 2015. (S.Henson / E.Schofield)
04/28/14	201	May Engineering Services LLC		913	
06/03/14	202	May Engineering Services LLC		875	
06/27/14	203	May Engineering Services LLC		625	
07/30/14	204	May Engineering Services LLC		738	
08/31/14	205	May Engineering Services LLC		713	
09/15/14	206	May Engineering Services LLC		250	
11/26/14	207	May Engineering Services LLC		1,015	
<b>Total 251-14 Powerhs Roof Repair</b>				<u>5,128</u>	
<b>252-14 Submarine SpliceSpareTYL</b>			<b>\$288,000</b>		Existing spares being evaluated to determine portions that require replacement following specifications recommended by Poseidon Engineering. (S.Henson)
<b>Total 252-14 Submarine Splice SpareTYL</b>				<u>-</u>	
<b>254-14 Water Tank Remediatn SWL</b>			<b>\$69,200</b>		Water tank painting scheduled for May 2015. (S.Henson / E.Schofield)
04/28/14	301	May Engineering Services LLC		875	
06/03/14	302	May Engineering Services LLC		2,925	
07/30/14	29774	Ketchikan Daily News		55	
08/01/14	515801	Juneau Empire		185	
08/03/14	1186365	Alaska Dispatch News		60	
08/09/14	57065	Pilot Publishing, Inc.		54	
08/09/14	57062	Wrangell Sentinel		44	
11/26/14	303	May Engineering Services LLC		1,113	
12/15/14	304	May Engineering Services LLC		263	
01/22/15	9577591	Madison Lumber & Hardware Inc		24	
<b>Total Water Tank Remediatn SWL</b>				<u>5,597</u>	
<b>255-14 Wood Helipad Repair SWL</b>			<b>\$104,000</b>		RFP bids due April 2015. (S.Henson)
08/12/14	28067	Temsco Helicopters, Inc.		446	
<b>Total 255-14 Wood Helipad Repair SWL</b>				<u>446</u>	
<b>256-15 Alarm Trip Protection SWL</b>			<b>\$222,000</b>		Two-year project; review sensors and relays, reliability and critical protection issue. RFP in Apr 2015. (E.Wolfe)
<b>Total 256-15 Alarm Trip Protection SWL-TYL</b>				<u>-</u>	
<b>257-15 Pressure-Reducing Valve T</b>			<b>\$71,000</b>		System protection issue; affects camp and cooling water. In-house efforts not effective. (E.Wolfe)
<b>Total 257-15 Pressure-Reducing Valve TYL</b>				<u>-</u>	
<b>258-15 System Control Improvem</b>			<b>\$116,800</b>		Two-year project to increase reliability at both plants; coordinate facilities' operations. Bids due Mar 2015. (E.Wolfe)
<b>Total 258-15 System Control Improvements SWL-TYL</b>				<u>-</u>	

Date	Num	Vendor	FY15 BUDGET \$	Expenditures	Description
<b>259-15 Turbine Shutoff Valves TYL</b>			<b>\$575,240</b>		Replace existing water-based system with oil-based system. Contract work initiated by HDR. (E.Wolfe)
07/15/14	51855	Sunrise Aviation Inc		650	
08/22/14	28997	Taquan Air		156	
08/27/14	51932	Sunrise Aviation Inc		313	
08/28/14	51935	Sunrise Aviation Inc		360	
11/11/14	57709	Wrangell Sentinel		50	
12/04/14	57866	Pilot Publishing, Inc.		61	
12/31/14	MAD4548-201412	"Bank of America		204	
01/28/15	52106	Sunrise Aviation Inc		720	
01/31/15	52113	Sunrise Aviation Inc		720	
02/04/15	MAD4548-201501	"Bank of America		192	
02/04/15	WOL7101-201501	"Bank of America		178	
02/10/15	WOL20150223	.Wolfe, Eric		2	
<b>Total 259-15 Turbine Shutoff Valve TYL</b>				<u>3,606</u>	
<b>260-15 Exciters SWL</b>			<b>\$816,500</b>		Replaces 1997 generators; coordinate with RR261-15. Segrity LLC is developing specifications for purchase of exciters and switchgear. (S.Henson)
06/30/14	INV14012	Segrity LLC		1,500	
<b>Total 260-15 Exciters SWL</b>				<u>1,500</u>	
<b>261-15 Generator Switch Gear SW</b>			<b>\$946,800</b>		Replace existing gear; includes spare breaker. Coordinate with RR260-15. Segrity LLC is developing specifications for purchase of exciters and switchgear. (S.Henson)
06/30/14	INV14012	Segrity LLC		1,000	
<b>Total 261-15 Generator Switch Gear SWL</b>				<u>1,000</u>	
<b>Total WIP R&amp;R Capital Projects</b>		<b>\$</b>	<b>8,715,350</b>	<b>\$</b>	<b>2,752,815</b>

# SOUTHEAST ALASKA POWER AGENCY

## JANUARY & FEBRUARY 2015 DISBURSEMENTS

Accounts	Total
Revenue Fund . . . . .	\$ 782,585.57
R&R Fund . . . . .	\$ 49,329.36
New Generation Fund . . . . .	\$ 156.00
<b>TOTAL</b>	<b><u>\$ 831,914.93</u></b>

<b>SUGGESTED MOTION</b>
I move to approve disbursements for the months of January & February 2015 in the amount of \$831,914.93.

Invoice No.	Company (vendor)	Revenue Fund	R&R Fund	New Gen
ADN20150201	Alaska Dispatch News	-	109.56	
APCM201412	Alaska Permanent Capital Inc	1,676.71		
APCM201501	Alaska Permanent Capital Inc	1,684.30		
456098	Alaska Seaplanes	1,293.76		
456463	Alaska Seaplanes	170.00		
322463	Anderes Oil	345.26		
11503	Angerman's Inc	209.90		
1254	Ascent Law Partners LLP	17,860.00		
1255	Ascent Law Partners LLP	3,080.00		
1256	Ascent Law Partners LLP	9,240.00		
1194	Ascent Law Partners, LLP	9,625.00		
1195	Ascent Law Partners, LLP	2,275.00		
1196	Ascent Law Partners, LLP	595.00		
1197	Ascent Law Partners, LLP	3,290.00		
2652859656	AT&T Alascom 5019	305.34		
2652974184	AT&T Alascom 5019	305.34		
51388	Bay Company Enterprises, LLC	31.68		
51412	Bay Company Enterprises, LLC	124.60		
150575	Bay Company Enterprises, LLC	102.62		
51431	Bay Company Enterprises, LLC	2,496.05		
51524	Bay Company Enterprises, LLC	37.80		
221256	Best Western Landing Hotel	404.75		
BLUE201502	Blue Water Charter & Tackle	750.00		
BLUE201503	Blue Water Charter & Tackle	750.00		
92	Breakaway Adventures, LLC	106.00		
CFL20150220	Cape Fox Lodge	4,293.80		
177708	City Market	304.31		
220127	City Market	27.96		
226521	City Market	209.19		
175891	City Market	181.62		
221454	City Market	149.05		
41153	Commonwealth Associates, Inc.	724.50		
41403	Commonwealth Associates, Inc.	5,617.84		
3296531	Daily Journal of Commerce	-	55.00	
L15233-00	Federal Energy Regulatory Commission	10,692.86		
L15238-00	Federal Energy Regulatory Commission	39,084.03		
288913614	FedEx	59.07		
827	Fiber Fusion	-	11,215.17	
4036	Freeman & Sons Machine and Fabrication	487.50		
4058	Freeman & Sons Machine and Fabrication	57.50		
226146	Frontier Shipping & Copyworks	89.40		

# SOUTHEAST ALASKA POWER AGENCY

Invoice No.	Company (vendor)	Revenue Fund	R&R Fund	New Gen
226271	Frontier Shipping & Copyworks	98.70		
227677	Frontier Shipping & Copyworks	508.80		
67146715	Futaris	6,145.00		
68396840	Futaris Inc	6,145.00		
62000946	GE Capital	140.00		
62005574	GE Capital	595.00		
62201448	GE Capital	140.00		
62214105	GE Capital	595.00		
9652393415	Grainger	6,510.00		
258481	Hammer & Wikan	16.50		
258485	Hammer & Wikan	206.56		
352143	Hammer & Wikan	361.96		
352144	Hammer & Wikan	(180.98)		
258494	Hammer & Wikan	118.70		
90516224	Hatch Associates Consultants, Inc	1,895.00		
265499500	HD Supply Power Solutions Ltd	53,158.32		
431471H	HDR Alaska Inc.	432.50		
3918	I Even Do Windows	300.00		
3943	I Even Do Windows	300.00		
51490010	Jacobs Associates	30,510.24		
16206	Jud's Office Supply	79.90		
KDN20141229	Ketchikan Daily News	240.60		
KDN20150123	Ketchikan Daily News	69.90		
30525	Ketchikan Daily News	77.60		
30526	Ketchikan Daily News	-	69.40	
KGB201502	Ketchikan Gateway Borough	3,984.75		
81853	Ketchikan Gateway Borough	20.00		
KGB20150206	Ketchikan Gateway Borough	10.00		
KGB201503	Ketchikan Gateway Borough	3,984.75		
SIN2485649	Lands End	622.85		
LK201512	LK Storage	78.00		78.00
LK01503	LK Storage & Rentals	78.00		78.00
92238	LNM Services	69.45		
92302	LNM Services	58.25		
9577591	Madison Lumber & Hardware Inc	-	23.98	
207	May Engineering Services LLC	1,015.00	1,015.00	
303	May Engineering Services LLC	1,112.50	1,112.50	
304	May Engineering Services LLC	262.50	262.50	
601	May Engineering Services LLC	6,900.12		
4601	McMillen LLC	1,052.00		
4602	McMillen LLC	34,510.57		
4623	McMillen LLC	445.25		
4628	McMillen LLC	-	12,596.52	
4944	Meridian Environmental	570.00		
4962	Meridian Environmental	569.63		
4980	Misty Fjords Air	2,160.00		
MKC201412	Morris Kepler Consulting LLC	11,334.60		
MKC201501	Morris Kepler Consulting LLC	10,568.56		
104600593	Norconsult	-	8,697.00	
15028044	NRECA 775670 RSP	27,268.60		
15038044	NRECA 775670 RSP	27,268.60		
15020630	NRECA 798185 Group Ins	15,853.27		
15030630	NRECA 798185 Group Ins	15,853.27		
PER201441	NRECA 798324 Group Ins Admin	1,000.00		
15020630A	NRECA 798324 Group Ins Admin	1,410.39		
15030630A	NRECA 798324 Group Ins Admin	1,410.39		
15028044A	NRECA 798330 RSP Admin	516.44		
15038044A	NRECA 798330 RSP Admin	516.44		

# SOUTHEAST ALASKA POWER AGENCY

Invoice No.	Company (vendor)	Revenue Fund	R&R Fund	New Gen
361084	Ottesen's Inc	56.06		
361864	Ottesen's Inc	37.93		
362396	Ottesen's Inc	105.97		
362695	Ottesen's Inc	128.26		
363361	Ottesen's Inc	69.95		
363782	Ottesen's Inc	17.16		
141681	Petersburg Motors Inc	33.96		
58002	Pilot Publishing, Inc.	572.13		
58053	Pilot Publishing, Inc.	81.00		
58173	Pilot Publishing, Inc.	64.13	70.88	
1551339	Precision Process Solutions	7,267.89		
210	Pure Alaskan Water	12.00		
282	Pure Alaskan Water	12.00		
320	Pure Alaskan Water	14.00		
359	Pure Alaskan Water	7.00		
403	Pure Alaskan Water	7.00		
142718003	R&M Engineering-Ketchikan	540.00		
650	Ray Matiashowski & Associates	4,000.00		
641	Ray Matiashowski and Associates	4,000.00		
KET14392	Samson Tug & Barge	26.07		
KET14404	Samson Tug & Barge	25.55		
S090WRA15N	Samson Tug & Barge	1,245.27		
105100304A	Scandia House Hotel	1,107.00		
105100314A	Scandia House Hotel	1,107.00		
114090201A	Scandia House Hotel	120.00		
114090310A	Scandia House Hotel	120.00		
114100202A	Scandia House Hotel	123.00		
114100306A	Scandia House Hotel	113.00		
114100311A	Scandia House Hotel	110.00		
114120312A	Scandia House Hotel	110.00		
114130301A	Scandia House Hotel	120.00		
114130302A	Scandia House Hotel	120.00		
K132159IN	Schmolck Mechanical Contractors Inc	953.15		
40478621536	Schweitzer Engineering Laboratories Inc	177.49		
315203	SE Business Machines	3,672.00		
315214	SE Business Machines	417.00		
5768	SE Island Fuel	200.71		
15030	Segrity LLC	11,248.08		
406517	Sentry Hardware & Marine	98.34		
406638	Sentry Hardware & Marine	127.90		
406835	Sentry Hardware & Marine	47.98		
407471	Sentry Hardware & Marine	109.55		
K07872	Sentry Hardware & Marine	(93.98)		
K07892	Sentry Hardware & Marine	61.24		
554240	Southeast Auto & Marine Parts, Inc	10.36		
555259	Southeast Auto & Marine Parts, Inc	101.59		
10360350	Standard & Poor's	5,000.00		
3286	Stikine Inn	115.00		
52057	Sunrise Aviation Inc	4,170.00		
52082	Sunrise Aviation Inc	285.00		
52090	Sunrise Aviation Inc	435.00		
52101	Sunrise Aviation Inc	870.00		
52106	Sunrise Aviation Inc	-	720.00	
52081	Sunrise Aviation Inc	3,940.00		
52113	Sunrise Aviation Inc	-	720.00	
52119	Sunrise Aviation Inc	435.00		
52123	Sunrise Aviation Inc	720.00		
28489	Temsco Helicopters, Inc.	1,115.50		

# SOUTHEAST ALASKA POWER AGENCY

Invoice No.	Company (vendor)	Revenue Fund	R&R Fund	New Gen
28520	Temasco Helicopters, Inc.	326.55		
50873134	Tetra Tech Inc	13,179.08		
50873135	Tetra Tech Inc	-	167.70	
16002	TexRus	3,681.60		
16101	TexRus	5,951.32		
16289	TexRus	3,092.80		
467	Tides Inn	1,045.00		
525920	Tongass Business Center	402.96		
534361	Tongass Business Center	42.48		
538590	Tongass Business Center	5.05		
540920	Tongass Business Center	26.88		
542830	Tongass Business Center	83.98		
540921	Tongass Business Center	39.54		
545250	Tongass Business Center	117.85		
44031	Tongass Engineering	-	7,030.00	
1320120	Tongass Engineering	-	1,995.00	
1320121	Tongass Engineering	-	2,835.00	
124842762001	United Rentals	681.65		
124842762	United Rentals	531.65		
117111	Van Ness Feldman PC	12,625.50		
1162130	Wells Fargo Bank MN	2,500.00		
WF201501	Wells Fargo Bank-Corporate Trust	113,280.43		
WF201502	Wells Fargo Bank-Corporate Trust	113,280.43		
IN87915	WesSpur Tree Equipment, Inc.	170.80		
IN87935	WesSpur Tree Equipment, Inc.	39.90		
IN88064	WesSpur Tree Equipment, Inc.	152.82		
ESTDYP63T	WesSpur Tree Equipment, Inc.	(16.50)		
IN88258	WesSpur Tree Equipment, Inc.	71.80		
1631	Wrangell Chamber of Commerce	300.00		
27428001	Wrangell City & Borough	1,053.06		
58071	Wrangell Sentinel	936.25		
58179	Wrangell Sentinel	52.25	57.75	
228920	Yanke Machine Shop	1,396.00		
32325	Yukon Fire Protection Services, Inc	3,572.00		
32326	Yukon Fire Protection Services, Inc	3,111.00		
32957	Yukon Fire Protection Services, Inc	1,060.00		
201412	Bank of America	22,463.82	204.20	-
201501	Bank of America	23,370.22	370.45	-
201501	Employee Reimbursements	400.48	-	-
201502	Employee Reimbursements	160.46	1.75	-
<b>Total Disbursements</b>		<b>\$ 782,585.57</b>	<b>\$ 49,329.36</b>	<b>\$ 156.00</b>
		<b>\$832,070.93</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.

## **CEO REPORT**

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



## SOUTHEAST ALASKA POWER AGENCY

Operations Manager's Report  
Steve Henson, Operation Manager | March 2015

**Date:** March 13, 2015  
**To:** Trey Acteson, CEO  
**From:** Steve Henson, Operations Manager  
**Subject:** Operations Update

### MAJOR CONTRACTS AND PROJECTS

#### Wrangell Reactor

The Wrangell Reactor replacement project management, engineering, and design were awarded to Electric Power Systems, Inc. (EPS). Bids were solicited for the supply of one 2.5MVAR reactor and one 5.0 MVAR reactor to replace the ailing 7.5 reactor. The bid was awarded to ABB. Engineering by EPS is ongoing for the construction and installation phase. 90% construction drawings have been received and approved.

Factory acceptance testing has been completed. Delivery of the reactors to Wrangell is now scheduled for the week April 20, 2015. The units are in transit from Finland.

#### Satellite Communications System

A task order was issued to Tetra Tech to facilitate the permitting for the Tyee satellite dish. Permit applications were submitted. We received the U.S. Army Corps of Engineers and U.S. Fish & Wildlife Service permits, and are waiting on the Department of Natural Resources for approval.

#### STI Helipads

We received U. S. Forest Service (USFS) approval of the design change for the helipads and are now going to install 12'x12' "land in any direction" helipads with fiberglass pre-colored decking which saves on the cost of painting. The paint scheme has been changed to an epoxy primer coat which also saves on labor for the painting of the support structure.

Ten bids were received on March 4, 2015 for the fabrication of 105 helipads. The bid amounts and staff's recommendation will be available during the upcoming board meeting for the Board's review and consideration of an award. An Invitation to Bid (ITB) for installation of the helipads will be released after Board approval of the supply contractor. A separate ITB for the supply of the fiberglass pre-colored grating for the pads will be released at the same time.



## **ATV Use on the Tyee Transmission System**

Meridian Environmental, Inc. was 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 following is a synopsis from Meridian of the permitting effort through February 2015:

### **Project Milestones**

#### ***January 2015:***

1. Cultural resources report complete; report reviewed and approved by USFS staff, then forwarded to the State Historic Preservation Office.
2. Received comments from the USFS on their review of the Botany Biological Evaluation and the Invasive Species report. Updated both reports to address the relatively minor comments received.
3. Prepared draft sections of the Environmental Assessment (EA) describing the existing conditions for each segment. Prepared text for soils, wetlands, and vegetation assessment of the project effects and conducted a GIS analysis to support the analysis.

#### ***February 2015:***

1. Continued work on draft sections of the EA describing effects to wetland and wildlife resources. Prepared initial summary of existing streams and fisheries resources.
2. Received a total of two scoping comments; one from the Alaska Department of Fish & Game, and one from Friends of the Forest. No significant issues were identified in the comment letters that are not already being addressed.

#### ***Future Milestones:***

1. Complete draft EA document for SEAPA review; target date April 17.
2. Submit EA document for Forest Service review; target date May 1.
3. Prepare draft Decision Notice; target date May 15.
4. Publish EA and Decision Notice; target date June 5.

## **Tyee Penstock Flow Meter**

The Panametrics flow meter and transducers have been replaced on the penstock. This instrument provides information on the water usage at the Tyee plant for generation.

## **Operator Training**

Standard operating and switching procedures for the Tyee system are being reviewed.

A two-day safety training and review was conducted at the Tyee plant in late February by Dustin Egdorf of ESCI, Incorporated (ESCI). Topics covered were flame resistance (flame resistant garments and arc flash), lock out/tag out, switching and clearances, fall protection, host contract rule, rigging, small tool safety, emergency action plan/fire safety, hazardous communication, personal protective equipment review, hearing conservation and CPR/First Aid review.

We started a monthly safety training program with ESCI to assure that personnel are properly informed and kept up-to-date on a broad range of safety topics.

All of the operators and brushing crew were present for the training.

### **Tyee Needle Restoring Mechanism**

Staff is working with engineer, Tim Gerler of Gerler Engineering and Design, to resolve seal leakage issues in the design of the upper plate of the nozzle needle restoring mechanism.

Mr. Gerler has developed a testing procedure to identify where the pressure causing the leakage is originating. After testing the design effort will continue.

### **Annual Maintenance**

Work has begun on the annual shutdown maintenance schedule. In conjunction with normal transmission line inspection and tower climbing we will be testing transformers at all locations in the SEAPA system and performing an infrared survey at the plants and substations along with the transmission line.

### **Marine Terminal Gage Replacement and Communication Upgrade**

An assessment of the undersea cables and the marine terminals was done by Poseiden Engineering. Two recommendations stemming from this assessment were to replace the present pressure gages, which will not hold their calibration parameters, and to add pressure transducers which would allow the pressures of all of the submarine cables to be read and alarmed from the new Tyee SCADA system.

Tim Gerler completed a field reconnaissance of the terminals and is designing mounting and connections for new gages and pressure transducers.

James Volk of Segrity, LLC is scheduled to reconfigure the data controllers at the terminals and do the integration of the pressure signals and data into the SCADA system at Tyee.

Staff will purchase new solar panels and battery charging hardware for the marine terminals. The current ones are 30 years old and do not have the capacity for the new equipment.

A purchase order has been issued for the new pressure gages from Japan with delivery expected in approximately eight weeks.

### **Meteorological (MET) Tower Installation**

We received a MET tower from the Alaska Energy Authority to conduct a wind resource assessment along transmission line paths owned by SEAPA. This instrument will provide information necessary to assess wind potential for generation. Staff is pursuing information on land ownership and evaluating potential sites for installation of the tower on South Mitkof Island near SEAPA's transmission line.

## **Other Projects**

The following is a list and status of other projects that are either in the works or coming up in the future:

	<b>Project</b>	<b>Status</b>
1.	Day-to-day business of operations, maintenance and line clearing of the Tyee Lake System	Ongoing project
2.	Wood helicopter repair on the Swan and Tyee transmission lines	Request for Proposals (RFP) in process
3.	Upgrade existing planned maintenance system or replace	Evaluating costs
4.	System drawings	May Engineering is presently working on the Tyee system
5.	Operator training	Operators being sent to Golden, Colorado for training as time allows
6.	Arc flash study	RFP required
7.	New dam movement survey instruments for Swan Lake	After reservoir raise is complete, re-evaluate for need
8.	Swan Lake line clearing	RFP in process
9.	Tyee Piezometer replacement	Researching instrument suppliers
10.	Contaminated water disposal	Working with Full Cycle of Ketchikan to process barrels of oily water from the Wrangell shop area
11.	Buss insulation for substations	Researching manufacturers and materials
12.	Document retention at Wrangell office	Ongoing records management of stored documents from previous contractor
13.	Standard Operating Procedures	Working with the Tyee crew to assess and update switching procedures
14.	Repair of Tyee microwave bench helipad	To be completed May 2015
15.	Replacing governor touch screens at Swan Lake	The governor touchscreens failed at Tyee and are now beginning to fail at Swan. This is a continuing maintenance item. The cost of repair is almost half of changing them out with new up-to-date GE models as was done at Tyee. The goal is to that both plants have the same type and can be interchanged with a software download of the operating programs for the governors. Total cost is not yet available but we expect to get that shortly.

Staff will be available during the board meeting to respond to any questions or concerns the board may have.



## **SOUTHEAST ALASKA POWER AGENCY**

Director of Special Projects Report

Eric Wolfe, P.E. | March 2015

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**Date:** March 16, 2015  
**To:** Trey Acteson, CEO  
**From:** Eric Wolfe, P.E., Director of Special Projects  
**Subject:** Special Projects Update for March 25-26, 2015 Board Meeting

### **Supervisory Control and Data Acquisition (SCADA) and Ongoing Communication Issues**

At our last Board meeting we reported that the SCADA contract with Fiber Fusion is essentially complete and that we had moved into maintenance of the system. Fiber Fusion, our SCADA contractor, lost key people during February and has since decided to fold their very small company. We recently closed this contract and will now pursue a company that can support our system. Fortunately our SCADA is based on standard GE software and not a one-of-a-kind application. There are companies immediately available, but this should be a competitive process and there is no pressing emergency forcing us into a quick solution; all of our software platforms (Node, HMI, Historian, Thin Client) have two-year GE software upgrade agreements and we can always go the GE route for maintenance/support if in a pinch (expensive). For now we will avoid GE for maintenance and start the search process. In the mid-term, some of the improvements and modifications may be incorporated into the Alarm-Controls-Protection contract, but we would consider that alternative after observation of that future contractor's work.

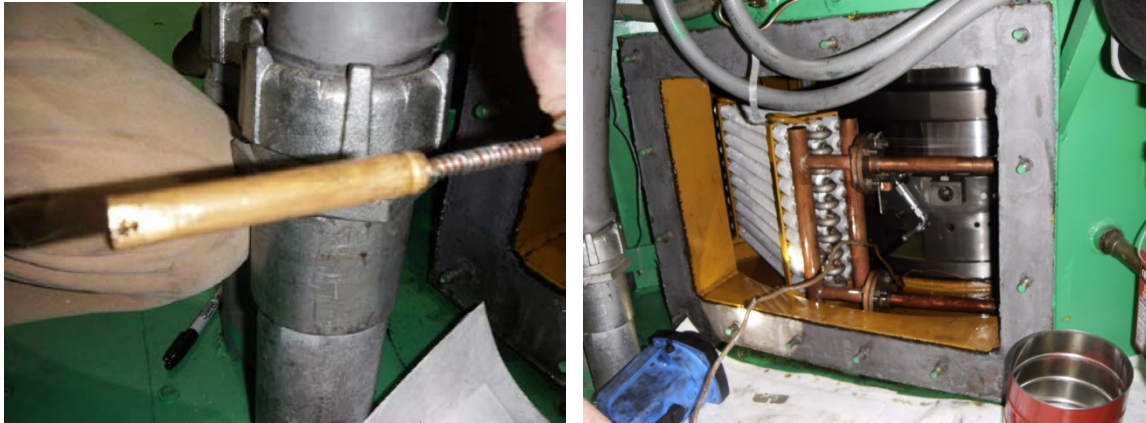
### **Alarm-Controls-Protection Request For Qualifications and Proposals**

A Request for Qualifications and Proposals was issued February 20, 2015. Proposals were received March 13. Review of the proposals and staff suggestions for Board action will be covered under New Business in the agenda. The purpose of the project is as follows:

This project is an amalgam of inter-related issues as the title implies and will be the summation of four R&R projects: two of the four R&R projects being combined are carryovers which are nearly complete (Tyee cooling water and Tyee pressure reducing valve), and two of the projects were approved at our FY15 budget meeting in Wrangell - Alarm and Trip Protection, and System Controls Improvements). The latter two projects were always thought to be two-year projects as they are dependent on completion and use of our new SCADA (changing everything on 30-year powerhouse control systems should not be done at once). In this case, combining four small projects increases our project management efficiency, improves overall integration of these inter-related powerhouse functions, and should reduce costs. The following from our Request for Qualifications and Proposals explains the intent and purpose of the project:

The existing alarm and protection system for both Tyee and Swan Lake need review. Additionally, many of the existing sensors and relays that drive this system are non-serviceable and need replacement. Operators at both locations need a consistent set of parameters to set bearing, oil, generator stator, and transformer temperatures, and the new SCADA system needs

consistent alarm acknowledgment, alarm tracking, and event historian configuration. In addition to an alarm review, the protection schemes for both plants have not been updated since originally commissioned. While digital electrical protection relays (SEL manufacture) have replaced the original electro-mechanical relays, this work was accomplished as independent one-at-a-time projects without acknowledgment of control protocol, and without review of governor or excitation settings. There are also some controls modifications required to make plant automation more robust; these changes are related to Cooling Water (CW) modifications and Tyee unit start-stop action. Finally, the alarm, protection, and control upgrades need to be combined and coordinated with the new SCADA for an integrated system.



The two above photos (from an event at Swan Lake) have a lot of components that will be more fully explained at the board meeting. On February 9, 2015, the Swan Lake Unit 2 thrust bearing metal temperature sensor/mechanical relay failed initiating a false high temperature trip event. This caused the unit to immediately open the breaker and shut down, which in turn caused under-frequency load shedding in Ketchikan severing customers from electrical service. This false failure and subsequent tripping event is one of the areas addressed by this capital project. The protection review is to review the entire sensor to relay/PLC path and separate sudden trips (electrical) from slow shut downs (mechanical). If we were already finished with this project and this same fault occurred, there would not have been under-frequency load shedding and the machine would have gone offline slowly allowing Tyee to either load Swan and Tyee higher, or call Bailey (in this case as it

## Swan Lake Reservoir Expansion

At our last few board meetings we presented detailed reviewd of the Swan Lake raise project. Additionally Joel and Trey have been to our member communities' recent assembly/council meetings explaining financing options. Given the past explanations and the recent attention, a brief update of new events since our last meeting is discussed below. During our Board Meeting in Wrangell, we will show a few more short videos, and of course go into any details.

- Met with local logging companies to estimate logging costs
- Total project cost estimate is \$10M
- No License Amendment Environmental Assessment has been issued by FERC; we are patiently waiting for this FERC document. Without a license amendment we cannot start construction.

- On March 12 we held our third Board of Consultant's meeting and at this meeting we gained approval of the following:
  - a process to separate the flashboard design from the other components of construction; this was discussed at our last meeting and is in that board packet
  - to proceed with final design of the non-flashboard elements of the project, i.e. free to request bids for this work; there are a lot of engineering criteria details related to this decision; we'll boil those down to a manageable level at the Wrangell board meeting
  - move the modeling process from a continuous review to a 60% and 90% review format

We can now close out the Jacobs' contract, issue an RFP for engineering services for the final design of all non-flash board elements, and continue at a fast pace with ¼ scale modeling. We continue with the expectation that construction will be complete by the end of 2016.

### **Tyee Lake Cooling Water (CW) Conversion**

The final stages of the control work have been combined into the Alarm-Protection-Controls project.

### **Tyee Lake Turbine Shutoff Valve (TSV) –Control Valve Retrofit (FY15 Project)**

Both Tyee Turbine spherical valve control systems have small, close tolerance water-driven control valves and aging electrical components. The contract scope includes services to review the valve function, controls, and operational characteristics of Tyee; then make recommendations for control improvements.

Responses to SEAPA's Request for Proposals were received this past November and SEAPA selected HDR to perform the engineering review. The review occurred January 28-30, 2015; HDR continues work on their alternatives report (due March 24), and a final inspection is scheduled for the annual outage. Depending on the control improvement alternative selected, this project could be completed as late as mid-October 2015 depending on Tyee unit availability.

### **Load Forecasting**

At our last board meeting, we reviewed the purpose of load forecasts and the Board approved an initiative with D.Hittle & Associates to conduct a short-term and long-term load forecast. Since then SEAPA and D.Hittle have agreed to a scope of work and budget, and work is scheduled to start the first week of April. Listed below are the reasons for a load forecast:

- Load forecasts are the single most important planning tool a utility executes for future capital expansions. Timing a renewable capacity expansion is difficult as the new resource must be ready for service such that it's not too late (excessive thermal generation) or too early (under-utilized). The load forecast methodology conducted over time is used to quantify need which is then conveyed to the public.
- Load forecasting for peak is not easy; we need to understand not only our long-term energy exposure (monthly kWh), but also how the load will likely increase over a day as the general load increases slowly across our control area. This is largely a capacity issue (kW).
- Minimum load forecasts are used to set minimum revenue estimates and therefore are related to the rate review process

- Peak loads vary widely with weather; a better load forecasting ability in the short-term (based on 7-day weather) will allow the three communities to schedule water and maintenance more effectively.

### **Department of Commerce, Community, and Economic Development Grant (DCCED Grant)**

No changes from that reported at the last board meeting except that we continue on; we are performing a due diligence check of our existing work, and working on our summer 2015 field work plan. We anticipate no special use permits will be required from the USDA Tongass National Forest.

#### Brief History

We received the grant from the DCCED during the summer of 2012. Kay Key monitors the accounts and manages our submittals to the DCCED. McMillen LLC was selected as the site evaluation contractor in July 2013. We have five years from July 2012 to execute our grant, and have initiated the following three aspects to date.

1. Business Analysis Task (RFO) - discussed above
2. Hydro Site Evaluation
3. Storage (Swan Lake) - a portion of the Swan Lake reservoir expansion project is covered by the grant (\$575,750)

#### Hydro Site Analysis Accomplishments to Date:

- We completed in-depth reviews of potential hydro sites on Annette Island and Sunrise Lake; final reports of these reviews are nearly complete.
- We are building a database that contains Site Definition Documents that are compositions of history, geologic characteristic, delivery value, construction cost, environmental reviews, and hydrologic assessments. A demonstration of this beta version will be conducted at the board meeting.
- This past year we completed preliminary civil engineering surveys, and then environmental surveys of Spur Mountain, Eagle Lake, Sunrise Lake, Virginia Lake, Orchard Lake, Lake Shelokum, Connell Lake, Maude Lake, and Rowena Lake.
- We initiated discussion with the Alaska Fish & Game in early January to establish a more proactive working arrangement to be developed in addition to the standard NEPA process. There will be more discussion on this during the board meeting.
- We are actively engaged with the Forest Service to revise the forest service plan for renewable energy inclusion on top of existing land use designation. There will be more discussion on this during the board meeting.

#### Hydro Site Analysis .... the next six months:

Continue with office based engineering to organize the field work and research which has been compiled to date. Plan the next field season and determine where weather stations or stream

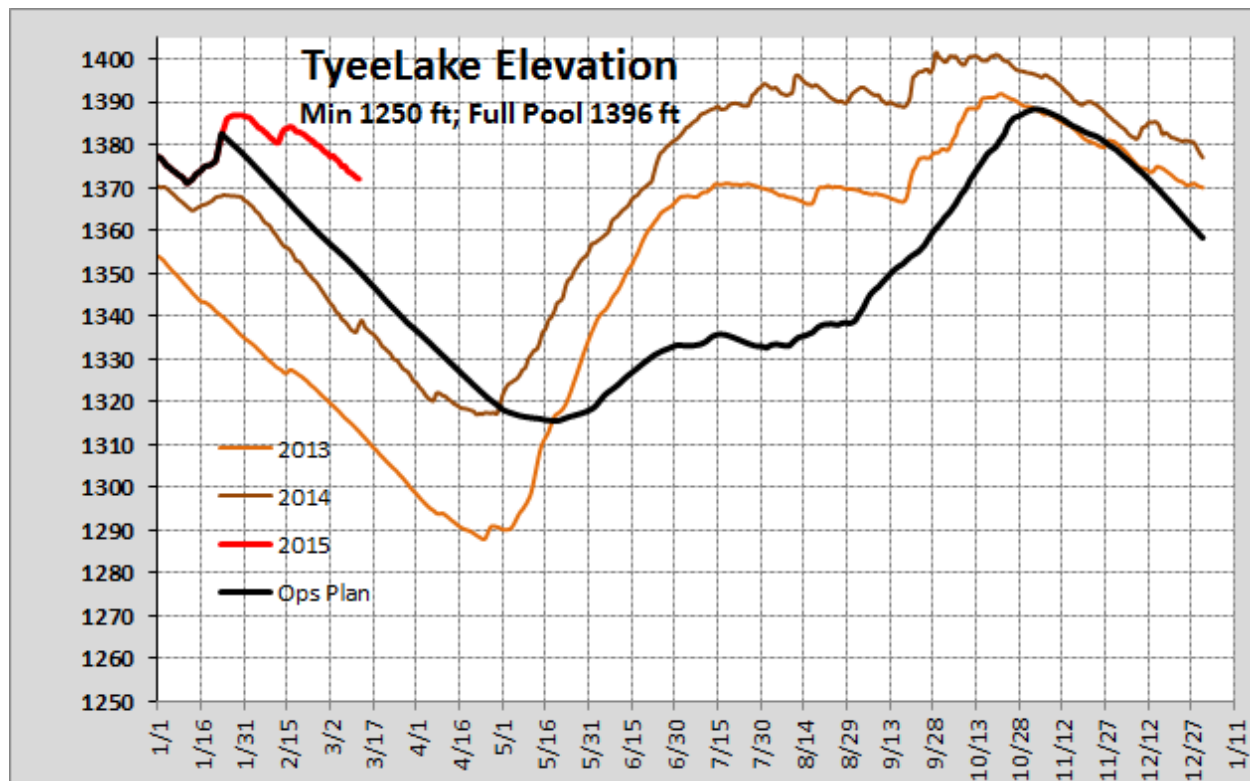
gages should be located for these hydrologic data sites. Continue with the database application for easier end user access.

### Water Management Update

We continue to experience a warm, wet winter, and electrical loads are low for the January-to-March period. We also continue to receive rain instead of snow even at higher elevations. The four plots below show our situation. We have significantly more water both over previous years and relative to our Operations Plan, which was formulated in late January expecting a warm winter. The final table shows deliveries compared to our budgeted values.

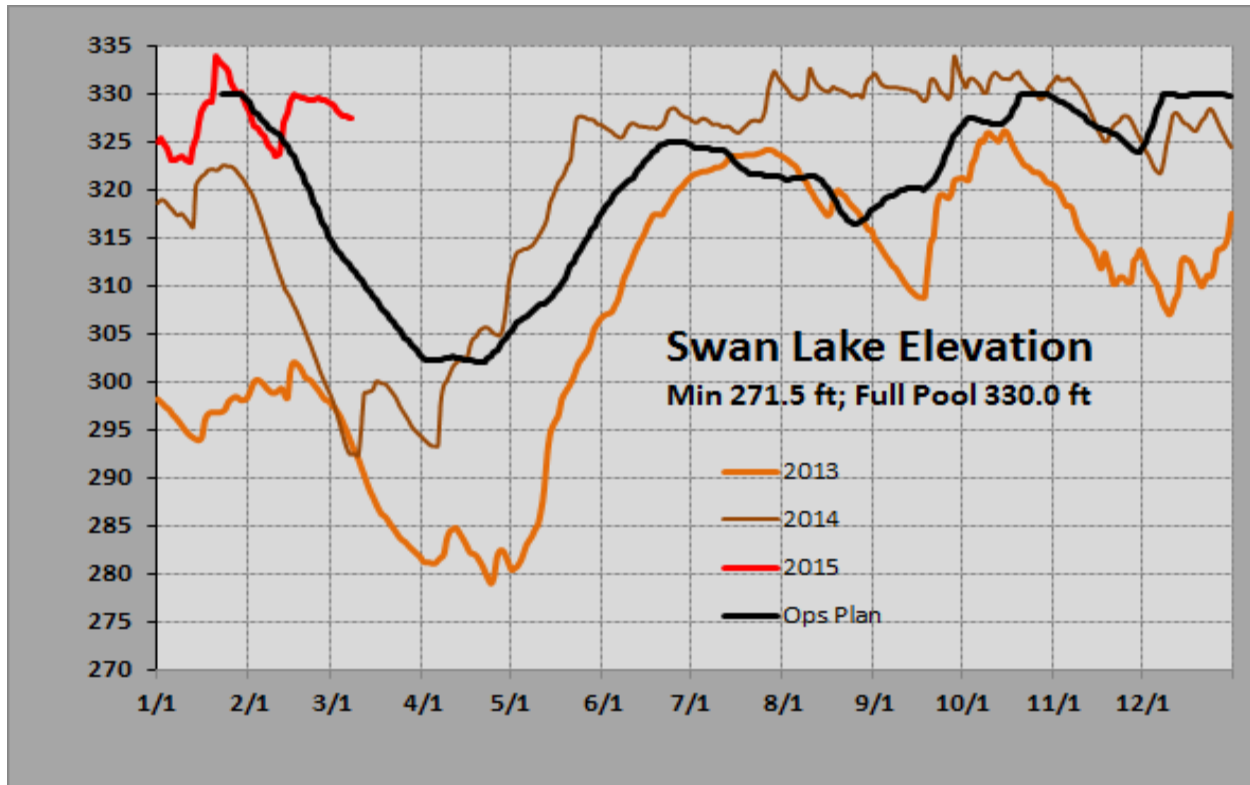
2015 Operations Plan Reservoir Levels			
	Draft	-	+
	Elevation	Elevation	Elevation
	Target (msl)	ft	ft
SWL	300	15	15
TYL	1315	20	20

Operations Plan Elevations



Tyee Lake reservoir levels for 2015 compared to the Operations Plan and previous years.





Swan Lake reservoir levels compared to the Operations Plan and previous years.

<b>FEB 2015</b>	<b>FY15 kWh Hydropower Sales</b>	<b>Current Month</b>		<b>Year-To-Date</b>	
		<b>Actual</b>	<b>Budget</b>	<b>Actual</b>	<b>Budget</b>
	Ketchikan Power Purchases	6,675,000	10,250,000	54,145,000	69,520,000
	Petersburg Power Purchases	3,774,960	4,430,000	28,556,200	31,240,000
	Wrangell Power Purchases	3,540,350	3,700,000	27,259,770	26,118,000
	<b>Total Power Purchases</b>	<b>13,990,310</b>	<b>18,380,000</b>	<b>109,960,970</b>	<b>126,878,000</b>

SEAPA deliveries compared to budget

### Bell Island Geothermal Evaluation Project

SEAPA issued a Request for Proposals in mid-February for geothermal consulting specific to surface investigation and preliminary planning for the Bell Island Hot Springs site. Our request was for water and rock sampling, preliminary geologic structure modeling, geochemical analysis, and preliminary planning guidance. We received eight proposals. During the November 2014 board meeting, the board authorized an increase to the FY15 budget of \$70,000 for this project, and further authorized staff to enter into a contract with a vendor or vendors to be selected by staff for the work. Before I relay the evaluation process and contractor selected by staff, a review of SEAPA's strategy with respect to the location and proposal evaluation is warranted:

Bell Island Hot Springs are privately owned by Northwest Discovery Joint Venture. During November 2014 SEAPA secured a first right of refusal for the property pending an updated surface investigation. Surface investigation is usually done in stages to reduce exploratory risk (expenditures) on sites with uncertain potential; the idea being that a stage 1 negative result

prevents the expenditure of stage II costs. Typically exploratory drilling follows a favorable stage II investigation. Our strategy is to spend the right amount of funds to determine a strong “no-go” in the first stage; this is quite different from spending the minimum amount to get a “maybe”. We already know it’s a maybe; what we need to know at this stage is whether or not the site is quite unlikely to support geothermal generation since no amount of surface investigation can determine that the site is quite likely to support a geothermal plant. A strong no-go saves us ten-fold in expenses estimated for stage II (\$350K to \$650K). By contrast, strong favorable ratings for a site can only be determined from exploratory drilling - another order of magnitude cost increase over Stage II costs. To that end our RFP emphasized reservoir temperature determination over reservoir volume for the first stage exploration task. Reservoir temperatures can be estimated using geothermometry and geochemical analysis, two of our RFP task requests, fundamental geologic structure and geologic modeling, and project planning based on stage I results made up the balance of the RFP task list.

Of the eight proposals only one proposal, from The Boutet Company, Inc. explained in detail how the geochemical analysis would be accomplished. This proposal was well organized, the schedule met our request, and costs were traceable to effort and consultant. The Boutet Company is not a geothermal company but a project management company located in Anchorage. As an aside, nearly all of the proposals used partnering or subcontracting for one aspect or another to meet our proposal requests. The Boutet Company was not the lowest proposal, but was mid-range. Most of the low-cost proposals did not include all requested services, or these proposals had a reduced site investigation effort.

The Boutet Company’s proposal will need some scope modification to cover:

- additional site time (they are sending 1 geohydrologist)
- sample contingency costs (common to all proposals)
- extended surface temperature mapping not included (common to most proposals)
- additional GIS data mapping for the additional site data collected

With the above modifications, the total contract should not exceed \$58,000. After accounting for helicopter shuttle, SEAPA boat support, and miscellaneous travel expenses, our project should still be under the board approved budget of \$70,000.

End of Report



## SOUTHEAST ALASKA POWER AGENCY

Power System Specialist Report

Ed Schofield | March 2015

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**Date:** March 16, 2015  
**To:** Trey Acteson, CEO  
**From:** Ed Schofield, Power System Specialist  
**Subject:** Activities Report for March 25-26, 2015 Board Meeting

### FEDERAL ENERGY REGULATORY COMMISSION ('FERC')

#### Part 12 Independent Consultants Report

The sixth Swan Lake FERC Part 12 Safety Inspection Independent Consultant ('IC') review report ('Report') was submitted to the FERC Portland office in December 2014. On January 26, 2015, FERC issued a letter of review which included comments and suggested corrections for resubmittal. Historically FERC requirements of the IC report on the Part 12 have been to review past established Potential Failure Modes ('PFM's') and comment if in agreement or not with past engineering determinations or provide recommendations of concern. FERC has recently taken a new stance and now requires a detailed description of why the IC agrees with past engineering determinations. As this is an increase in the IC's original scope of work requiring additional work, SEAPA has developed a new task order with the IC. The resubmittal will be complete by May 11, 2015.

#### Swan Lake DSSMR

The 2014 Dam Safety Surveillance Monitoring Plan (DSSMP) review report (DSSMR) for Swan Lake has been submitted to FERC. The DSSMR reviews all established facility monitoring practices and comments on the finding of the monitoring trend information. Items that fall under the DSSMP are dam movement surveys, plunge pool surveys, dam foundation drains surveys, ogee spillway joint surveys, reservoir elevations, gate and valve operation, early dam failure warning systems, etc. All of these activities are performed either by on-site staff or by private contractors in the case where licenses or certifications are required under the direction of SEAPA, the FERC licensee.

#### Swan Lake Emergency Action Plan

The Swan Lake project is required by FERC to have an Emergency Action Plan (EAP). The EAP was established to determine and demonstrate effects of a dam failure to downstream persons and property. The EAP is an actual hardcopy document that is issued to all emergency action agencies and operation and management personnel that can be reasonably expected to respond to the emergency. FERC requires the project licensee (SEAPA) to perform an annual mock notification of the EAP flowchart. Every fifth year, the licensee is required to perform a table top or functional exercise of a mock emergency scenario. This year is the fifth year of

rotation and FERC has directed that a functional exercise be performed, which is a mock enactment of an emergency involving all emergency responders. SEAPA is presently establishing plans to implement the functional exercise.

### **SWAN LAKE (SWL) PROJECTS**

#### **SWL Domestic Water Storage Tank Coating Repair**

A Task Order was issued to Joe Schwierking, d/b/a Joe Schwierking Inspection of Ketchikan for the not-to-exceed value of \$10,000 for remediation of the Swan Lake water tank. The project start date is May 11, 2015, with three-to-four days estimated for completion.

#### **SWL Powerhouse Roofing System Replacement**

Engineering specifications are complete and staff is preparing a Request for Proposals, which is estimated to issue the first week of April. The scope of work will consist of complete removal of the original and second layer of the existing roofing system. The new roofing system will be a PVC membrane with 3-inch insulation rain drain crickets and parapet cap.

#### **SWL Exciter and Breaker Replacement**

Segrity, LLC has been tasked with the engineering and development of installation specifications. It is estimated that a draft Request for Proposals will be completed the last week of March.



## **KETCHIKAN PUBLIC UTILITIES**

### **Swan Lake Project Report**

Andy Donato, Electric Division Manager | March 2015

#### **SAFETY | ENVIRONMENTAL | SECURITY**

- Emergency lighting repairs; replacement batteries ordered
- Safety Training for Feb/Mar: Fall arrest/Restraint, Driving distracted, Cranes, Slings, Chains
- Evergreen odorizer order placed 3-10-15; waiting on delivery
- All fire hoses have been tested; common practice testing procedure - no leaks
- (place holder) Hill side boulder/slough-off issue, Engineers from BC did survey

#### **OUTAGES | UNIT CONSTRAINTS | RESERVOIR LEVEL**

- Forced outage: Swan #2, February 9, 2015, thrust bearing instrument failure caused trip. The outages affected approximately 2,110 KPU customers. Need follow up on instruments for both machines.
- Planned station outages (coordinated with single unit operation)
  - Scope to be developed
- Reservoir level: 329.3 ft. on March 13, 2015
- Emergent work:
  - Thrust bearing temperature shutdown eliminated from both machines now need replacement
  - Large number of logs in lake, boom repaired (ongoing)
  - Troubleshoot, repaired Station Service "under voltage relay"

#### **MAINTENANCE (REGULAR)**

- Finished wiring in UPS/invertor for Control Room
- Backup Diesel Generators got new cooling temperature switches
- Boat trailer axels replaced per recall
- Continued ditch and road work from lake log removal effort
- Continued lighting upgrades; replacing T12 w/high output T8 and misc LED fixtures
- House transformer vault, wiring, pump, indication lamp repairs

#### **COMPLIANCE**

- Emergency Lighting repairs, batteries ordered

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## NEW PROJECTS

- Wiring in A/B Compressor controls to utilize spare compressor
- Initiate a “conex” storage expansion
- Load of D1 gravel (open)
- Water tank remediation
- Replace Emergency/Evac shed
- Paint fuel tanks
- Fencing around satellite dish, current roped-off
- In need of a band saw

## PHOTOS



Log accumulation in lake





(Photo above: Cutting logs from a boat | Photo below: Using the excavator to load a dump truck)







(Photo above: Large logs! | Photo below: Repairs in a transformer vault for residences)







## SOUTHEAST ALASKA POWER AGENCY

TYEE LAKE PROJECT UPDATE  
Steve Beers, Foreman | March 2015

**Date:** March 13, 2015  
**To:** Steve Henson, Operations Manager  
**From:** Steve Beers, Tyee Lake Foreman  
**Subject:** Tyee Lake Project Update for March 25-26, 2015 Board Meeting

### SAFETY | TRAINING

On February 24, 2015, instructor, Dustin Egdorf of ESCI, Inc., conducted a very well-planned and thorough three-day safety training session for the crew. Some of the topics covered were:

- fall arrest and fall restraint
- driving and working distracted
- crane safety and singling
- slings/chains and rigging
- using personal protective equipment (PPE) properly, and
- electrical safety, including flash safety

It was a successful session which promoted continuation of an effective Safety Program at the plant.

### VISITORS

Eric Wolfe and HDR Engineering visited the plant and spent three days investigating the problems we are experiencing with Turbine Inlet Valves.

James Volk of Segrity, LLC visited the plant to replace and program governor touchscreens (two for each unit).

On February 27, 2015, Matt Roberts, a Panametrics installer, visited the plant to replace the flowmeter and transducers (this equipment provides velocity of the water flow in the penstock), which is currently 9.56 ft./sec. From this data, it computes the volume of water use (150 cu. ft./sec.). That data is utilized to compute the monthly or yearly number of acre feet, required for reporting to the Alaska Department of Natural Resources and FERC.

### MONTHLY / WEEKLY MAINTENANCE

The plant's work order driven monthly and weekly maintenance program is up-to-date. This program leads the Tyee crew to inspect, check and work on pretty much everything in the plant and shop, heavy equipment, housing, the four sub-stations, and the eight sub-cable landings.

We have discovered that our servo-motor cylinders for the turbine deflectors are starting to lose their seals. A spare cylinder and repair parts were ordered; when the parts arrive, the servo-motors will be repaired.

Snow removal of the project and runway continues as needed.

The crew made time and did a good job of conducting a complete clean up and reorganizing of the miracle span storage building that is used for parts inventory.

We are continuing to paint inside the Powerhouse, and looking forward to better weather so we can start on the outside.



Photos of Tyee Lake Powerhouse

## UPCOMING PROJECTS

Harbor floats need to be reinstalled in the spring.

The crew is working on the generator and turbine annual maintenance to get ready for the shutdown in May.

We are waiting on final engineering on the satellite dish platform, so platform can be prefabricated.

## **Old Business**

### **Agenda Item 10.A.**

**Consideration of Amendment to Bylaws  
(draft to be provided at board meeting)**

## **Old Business**

### **Agenda Item 10.B.**

#### **Consideration and Approval of SEAPA Policy Handbook**

**(draft to be provided at board meeting)**



## SOUTHEAST ALASKA POWER AGENCY

Request for Surplus of Property  
Steve Henson, Operations Manager | March 2015

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**Date:** March 17, 2015  
**To:** Trey Acteson, CEO  
**From:** Steve Henson, Operations Manager  
**Subject:** Surplus of Property | 1976 Rhyon Craft and 1983 EZ-Loader Boat Trailer

SEAPA owns a 1976 24 ft. Rhyon Craft (Hull ID No. RHY154507576/AK No. 7717 H) equipped with a 200 HP Mercury Outboard Motor, 15 HP Honda Kicker, trim tabs, VHS Radio, Depth Finder, Garmin GPS, and 1983 EZ-Loader Boat Trailer (VIN 1ZE1SJT18DA030367) at Swan Lake that are no longer being used.

Staff solicits the board's consideration in declaring that the boat, motors, electronics, and trailer be surplus and sold to the highest bidder while they are still of some value. According to the Wrangell Mercury Dealer, The Bay Co., the current value of the boat with motors and electronics is estimated at \$12,000-\$15,000 and the trailer at \$1,000.00. I recommend they be sold as a package deal.

Based on the current estimated values, and in line with SEAPA's procurement policy for equipment above \$5,000 in value, we need board approval by motion or resolution to declare that the equipment is either surplus, obsolete, unneeded, or that the transaction is otherwise in SEAPA's best interest before we can dispose of it. Staff recommends that the board move to declare the equipment "surplus" so it can be sold to the highest bidder for disposal. We can start with advertising in Wrangell, Petersburg, and Ketchikan. Photographs of the proposed surplus items are attached. If the Board elects to proceed with sale of the property, staff will arrange for removal of the boat and equipment from Swan Lake and rent storage space at Taquan Air in Ketchikan during the term of the sale for viewing by interested buyers.

Please consider the following suggested motion:

SUGGESTED MOTION
<p><b>I move that the 1976 24 ft. Rhyon Craft, with 200 HP Mercury Outboard, 15 HP Honda Kicker, trim tabs, VHS Radio, Depth Finder, Garmin GPS, and 1983 EZ-Loader Boat Trailer located at Swan Lake be declared surplus equipment and sold to the highest bidder.</b></p>

Attachments:  
Photographs of Boat, Motors, Electronics, and Trailer





















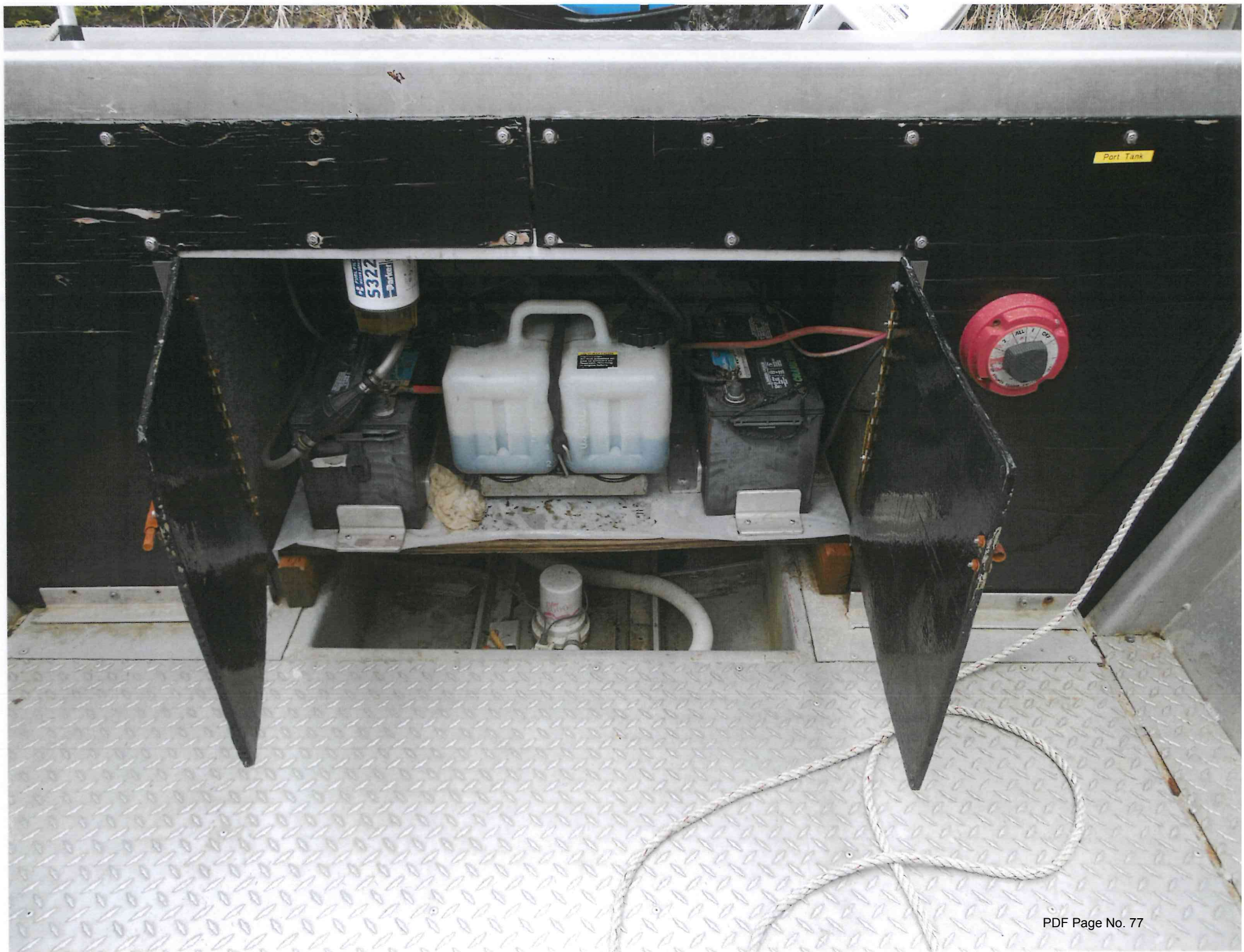














## SOUTHEAST ALASKA POWER AGENCY

### STI Helipad Project

(Fabrication of Phase II Helipads)

Steve Henson, Operations Manager | March 2015

**Date:** March 17, 2015  
**To:** Trey Acteson, CEO  
**From:** Steve Henson, Operations Manager  
**Subject:** Swan-Tyee Intertie Helipad Project (Fabrication of Phase II Helipads)

An Invitation to Bid for the re-bid of the fabrication, painting, and delivery of 105 helicopter landing pads was advertised on January 28, 2015. Ten responses were received on March 4, 2015. Each response was evaluated based on competitive pricing, details in the Bidder Experience Record, and the completeness and quality of the bid proposal documents.

SEAPA's consultant, Tongass Engineering, conducted a review of all of the bids received. In summary, Touchdown Enterprises received the highest score for the proposed work with fabricating their proprietary helipad design based on the evaluation criteria as set forth in the Invitation to Bid documents and the criteria weighting. Substitution proposals to the project specifications and SEAPA's engineering design are acceptable. While SEAPA does not necessarily need to award the work to the lowest-priced bid, the bid from Touchdown Enterprises also happens to be the lowest-priced bid of the ten responses received. The 10 bids received ranged from \$582,750 to \$1,240,159.20.

\$1,500,000 was allocated to the helipad project in SEAPA's FY15 budget. There is currently \$1,459,045 remaining. Touchdown's bid price is \$582,750. The next phases of the project, which will be separately bid out, are installation of the helipads and supply of (348) 4'x12' molded fiberglass reinforced grating panels and associated hardware.

Staff recommends award of the fabrication of Phase II Helipads Contract to Touchdown Enterprises Ltd. for their proprietary helipad design. The following is a suggested motion:

#### SUGGESTED MOTION

**I move to authorize staff to enter into a Purchase Order Contract with Touchdown Enterprises Ltd. for their proprietary helipad design for SEAPA's Swan-Tyee Intertie Helipad Project (Fabrication of Phase II Helipads) for the not-to-exceed value of \$582,750.00.**



## SOUTHEAST ALASKA POWER AGENCY

Alarm-Controls-Protection-Integration Proposal Review

Eric Wolfe, P.E., Director of Special Projects | March 2015

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**Date:** March 18, 2015

**To:** Trey Acteson, CEO

**From:** Eric Wolfe, P.E., Director of Special Projects

**Subject:** Alarm-Controls-Protection-Integration Proposal Review

### Purpose of Project

Over the last few years we have had several outages related to, or the direct result of faulty alarming or controls. The recent transformer trip at Bailey which caused a system-wide disturbance is one example. A faulty RTD (Swan, Jan. 2014), electrical service work on RTD circuits (two system outages, Tyee, 2012), programming Swan Lake annunciator (Swan, June 2014), SEL 300 G card failure (Swan Lake) are other examples. Successful completion of the proposed service contract will not prevent all possible inadvertent (usually human error) control shutdowns, but it will significantly reduce these outages, our second leading cause of outages after line faults.

Perhaps more importantly than inadvertent outages, some of our protection schemes are outdated, a legacy dating back to construction and then State and FDPPA ownership where this issue could be thought of as an operations and maintenance matter. As an example, Tyee Lake does not have a partial shutdown sequence to preserve output for local service and Swan-Tyee Intertie (STI) transmission should faults occur on the Wrangell line, and both Tyee and Swan have outdated governor control failure schemes. Loss of governor control without sufficient oil pressure results in an extended run-away which in turn can lead to catastrophic failure. On loss of sudden oil pressure (blown servo), the machine should stay online to remain at synchronous speed, on low oil pressure a high level alarm should annunciate, and the machine should shut down slowly allowing operators to find other generation sources. This project not only provides the engineering to define sudden and low, it also provides design and installation services, and just as important, this project will document each sensor path and sensor value that leads to alarm and control actions.

Another aspect of this project is integration; our cooling water (CW) modifications, which extend generator winding life while at the same time improve efficiency is one example of integration. CW modifications at Tyee (and later Swan) are mid-complete (piping and valves installed). To complete this work, the CW pumps and throttling valves require controls design and controls installation to complete the cooling water improvement modification of the new SCADA to allow monitoring of the cooling system. This service contract combines each aspect of the CW control modification such that alarming (bearings, stator) is not independent from the system controlling those temperatures.

The Alarm-Controls-Protection-Integration project is a compilation of the following R&R projects:

R&R Project No.	R&R Project Title	FY15 Funds Available
256-15	Alarm Trip Protection (SWL & TYL)	\$222,000
258-15	System Control Improvement(SWL-TYL)	\$116,800
240-13	Cooling Water (TYL)	\$105,534
<b>Total</b>		<b>\$444,334</b>

Funding for the project comes from three interrelated projects, alarm & protection, system control improvements, and the Tyee cooling water project. Staff will elaborate further during the board meeting.

### Proposal Evaluation

A request for proposals (RFP) was issued February 20, 2015. Nine firms expressed interest in our project. Of the nine interested firms, we received four proposals on March 13: Advanced Industrial Automation, Electric Power Systems, and Segrity LLC submitted proposals that could be accepted; the timely received.

1. Coffman Engineers	Kate Hostetler	no response
2. The Plans Room	Melaine	N/A
3. Segrity, LLC	James Volk	proposal received
4. American Governor	Roger Clark-Johnson	no response
5. NAES Power Contractors	David Gregoire, Sr.	response- install only
6. L & S Electric	Scott Towles	no response
7. Contractor Plan Center	Tana Bishop,	N/A
8. HDR Engineering, Inc.	Stephen Spain	non-compliant proposal received
9. MBA Consulting Engineers	Terri Henry	no response
10. Electric Power Systems	Dave Buss	proposal received
11. Tetra Tech Water, Environment & Infrastructure	Irene Wall	no response
12. Advanced Industrial Automation	Jon Mathisen	proposal received

Table 1 - Tally of interested contractors and proposals received.

In the Request for Proposals, SEAPA described the work and estimated the labor hours for each major category, and asked for specific experience history related to each category.



Proposers were then asked to complete the tables; uncertainty in duration then affected each equally.

Advanced Industrial Automation (AIA) is a well-rounded controls and SCADA firm, but did not have much experience in GE iFIX or GE iPOWER applications, and had limited experience with PPPoE telecom, and no experience with governor or exciter communication; this proposal would have been much stronger with a hydro controls partner, and if we had not received any other proposals, this company could have partnered with another company such as HDR or American Governor.

Electric Power Systems (EPS) is an Alaskan electrical engineering firm and a known provider of hydro controls, protection design, and SCADA, but this proposal listed very little, if any, iFIX/iPOWER work experience; additionally we have had difficulty in the past on our larger projects with EPS getting timely coordination, project management, and documentation. Even with these shortcomings, had EPS been the least expensive alternative, additional funds could have covered these deficiencies.

Segrity LLC is a very small firm yet had the best experience profile.

Cost comparisons were developed from category-task (discipline) tables. As part of the proposal process, firms were asked to provide labor rates for each task of each category. An example of a category labor cost is shown below in Table 1. Staff1 was described as the lead designer or lead discipline; Staff2 was defined as the implementation person; proposals could include explanations if only one staff person was required by task.

Alarm Coordination	Staff1 hr.	Staff1 rate	Staff2 hr.	Staff2 rate	
Develop alarm parameters list	60	\$ 135.00	20	\$ 130.00	\$ 10,700.00
Develop alarm criteria	35	\$ 135.00	25	\$ 130.00	\$ 7,975.00
Specify replacement and new devices	15	\$ 135.00	55	\$ 130.00	\$ 9,175.00
Set alarm values on devices and in SCADA	10	\$ 135.00	50	\$ 130.00	\$ 7,850.00
Documentation	5	\$ 135.00	40	\$ 130.00	\$ 5,875.00
Project Management	25	\$ 135.00	30	\$ 130.00	\$ 7,275.00
<b>Total</b>					<b>\$ 48,850.00</b>

Figure 1 Alarm category - hours per task estimated by SEAPA, rates provided by proposal provider.

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Each engineering task cost by company is shown below in Table 2; AIA was the lowest cost proposal, but a large portion of the engineering work (governor, excitation, GE Ifix) was not included. Segrity LLC which had the best experience profile and a full requirements proposal is the next costly; the EPS proposal was the highest price proposal.

Engineering Task	AIA	EPS	Segrity	HDR
Project Initiation	\$21,200	\$32,080	\$24,000	Non Compliant
Alarm Coordination	\$48,850	\$65,045	\$49,400	
Control Modification	\$52,925	\$70,175	\$55,675	
Protection	\$71,575	\$78,120	\$85,625	
Integration	\$71,010	\$92,006	\$75,240	
Engineering Subtotal	\$265,560	\$337,426	\$289,940	
Engineering Support	?	\$0	\$0	
<b>Engineering Labor Total</b>	<b>?</b>	<b>\$337,426</b>	<b>\$289,940</b>	

Table 2 Engineering cost comparison

Please note that the AIA cost listed in Table 2, above, is not a total for engineering labor; this firm would need to partner with a hydro engineering firm for assistance with governor, excitation, SCADA (iFIX/iPOWER) and telecom assistance.

Best Proposal – Segrity LLC based on experience, cost, and full proposal submittal. SEAPA staff recommends this contractor as they provided the lowest cost and best experience proposal. In order to get to a full contract not-to-exceed amount, we need to add contingency (which would be added to any contractor selected) and travel costs (assumed equal for each contractor). A five percent (5%) contingency added to the engineering labor total for Segrity (\$289,940 x 5%) is \$14,497 plus travel expenses (estimated at \$28,000) is \$332,437, which rounds up for a not-to-exceed value of \$332,500.

The following is a suggested motion for your consideration:

SUGGESTED MOTION
<p><b>I move to authorize SEAPA staff to enter into a contract with Segrity, LLC, for engineering labor, which includes alarm, controls, protection improvements, and integration of these operational components, travel, and a 5% contingency, for SEAPA's Alarm-Controls-Protection-Integration Project for the not-to-exceed value of \$332,500.</b></p>



## SOUTHEAST ALASKA POWER AGENCY

Tyee Lake Outlet Weir Abutment Repairs  
Ed Schofield, Power System Specialist | March 2015

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**Date:** March 17, 2015  
**To:** Trey Acteson, CEO  
**From:** Ed Schofield, Power System Specialist  
**Subject:** Tyee Lake Outlet Weir Abutment Repairs | Request for Sole Source Contract

In 2013, after solicitation of competitive bids, a contract was awarded to BAM, LLC to complete the Tyee Outlet Weir Construction Project. After that work was completed, voids were found in the rock abutments of the outlet weir. Due to the amount of debris that had to be removed in the location of the outlet weir, the extent of the voids was impossible to predict prior to the construction. The voids found in the rock abutments of the weir must now be repaired. All documents necessary for permitting have been filed with the Federal Energy Regulatory Commission. A scope of work has been developed for the repairs. BAM LLC of Ketchikan has provided a quote for completion of the tasks for this Phase 2 work, which consists of a grouting plan to repair the abutment issues.

Staff seeks board authorization to sole source the Phase II work to BAM, LLC. BAM demonstrated total competency throughout construction of the project. The project's success was a direct result of BAM's outstanding efforts. This project is located in an extremely remote location. SEAPA has complete confidence in BAM's abilities, and their safety record is paramount. Due to the remote location it is not practical for a SEAPA project manager to be on site through the total time frame of the project. BAM is uniquely qualified for the work because of its familiarity with the location and knowledge of the pre-existing construction work are also important considerations for the success of the repairs for the weir abutment issues.

The total amount budgeted for this project was \$1,467,758. Of that amount, \$557,280 has been expended to date for Phase 1. The remaining budget is \$910,478. The Phase 2 costs are estimated at \$441,485. This includes BAM's cost estimate (\$240,000) and SEAPA providing materials, transportation of materials, and in-house labor (\$143,900) and a 15% contingency of \$57,585.

Section 8.12 of SEAPA's procurement policy provides that competitive bidding is not required "Any other time the Board elects to except from the competitive bidding process any particular improvement or purchase from competitive bidding or other requirements by majority vote".

Please consider the following suggested motion:

SUGGESTED MOTION
<b>I move to authorize staff to enter into contract with BAM, LLC, as a sole-sourced provider, for the not-to-exceed value of \$240,000 for the Phase II work for the Tyee Lake Outlet Weir Abutment Repairs.</b>



## SOUTHEAST ALASKA POWER AGENCY

Resolution No. 2015-058  
Trey Acteson, CEO | March 2015

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**DATE:** March 18, 2015  
**TO:** SEAPA Board of Directors  
**FROM:** Trey Acteson, CEO

Attached for the board's consideration is Resolution No. 2015-058 authorizing the issuance, sale, execution, and delivery of fixed rate electric revenue improvement and refunding bonds, Series 2015; approving the First Supplemental Indenture of Trust, First Amended and Restated Deed of Purchase Contract, Continuing Disclosure Agreement, and other documents to be executed, delivered or distributed in connection therewith; and certain other related matters. SEAPA counsel, Joel Paisner, and I will further elaborate on the Resolution during the board meeting.

The following is a suggested motion for your consideration:

SUGGESTED MOTION
<p><b>I move to adopt Resolution No. 2015-058 authorizing the issuance, sale, execution, and delivery of fixed rate electric revenue improvement and refunding bonds, Series 2015; approving the First Supplemental Indenture of Trust, First Amended and Restated Deed of Purchase Contract, Continuing Disclosure Agreement, and other documents to be executed, delivered or distributed in connection therewith; and certain other matters related thereto.</b></p>

**RESOLUTION NO. 2015-058**  
**of**  
**THE SOUTHEAST ALASKA POWER AGENCY**

**AUTHORIZING THE ISSUANCE, SALE, EXECUTION AND DELIVERY OF FIXED RATE ELECTRIC REVENUE IMPROVEMENT AND REFUNDING BONDS, SERIES 2015; APPROVING THE FIRST SUPPLEMENTAL INDENTURE OF TRUST, FIRST AMENDED AND RESTATED DEED OF TRUST, ESCROW DEPOSIT AGREEMENT, BOND PURCHASE CONTRACT, CONTINUING DISCLOSURE AGREEMENT AND OTHER DOCUMENTS TO BE EXECUTED, DELIVERED OR DISTRIBUTED IN CONNECTION THEREWITH; AND CERTAIN OTHER MATTERS RELATED THERETO.**

**RECITALS**

**WHEREAS**, The Southeast Alaska Power Agency (the "Agency") is authorized by AS 42.45.310(c)(4) to issue and sell revenue bonds in accordance with the provisions contained in AS 42.45.310, and to secure the payment of such bonds as provided in AS 42.45.310; and

**WHEREAS**, pursuant to the Indenture of Trust dated as of February 1, 2009 (the "Original Indenture"), by and between the Agency and Wells Fargo Bank, National Association, as trustee (the "Trustee"), the Agency previously issued a series of fixed rate revenue bonds, designated as "The Southeast Alaska Power Agency Electric Revenue Refunding Bonds, Series 2009" in the aggregate principal amount of \$16,495,000 (the "Series 2009 Bonds"); and

**WHEREAS**, pursuant to Section 2.14 of the Original Indenture, the Agency reserved the right to issue Additional Bonds (as defined in the Original Indenture) to provide funds for any purpose relating to the Projects (as defined in the Original Indenture) which is authorized by law; and

**WHEREAS**, the Agency finds and determines that it is in its best interest to issue revenue bonds in an amount sufficient, together with other money available therefor, to finance improvements to the Projects (as defined in the Original Indenture), to fund a debt service reserve account and to pay allocable costs of bond issuance; and

**WHEREAS**, the Agency finds and determines that it is in its best interest to issue revenue bonds in an amount sufficient, together with other money available therefor, to defease and refund a portion of the outstanding Series 2009 Bonds and to pay allocable costs of bond issuance; and

**WHEREAS**, the Agency proposes to issue one series of fixed rate revenue bonds for such purposes designated as "The Southeast Alaska Power Agency Electric Revenue Improvement and Refunding Bonds, Series 2015" (the "Series 2015 Bonds"); and

**WHEREAS**, the Board of Directors has reviewed substantially final forms or summaries of the following documents (collectively, the "Principal Bond Documents"):

- a. Original Indenture;
- b. First Supplemental Indenture of Trust authorizing the issuance of the Series 2015 Bonds (the "First Supplemental Indenture," and together with the Original Indenture, the "Indenture");

c. First Amended and Restated Deed of Trust granting to a mortgage trustee for the benefit of the Trustee a first lien security interest in the Agency's right, title and interest in, to and under the generation and transmission facility and other property associated with the Swan Lake Hydroelectric Project, the Tyee Lake Hydroelectric Project and the Swan-Tyee Transmission Intertie (the "Deed of Trust"), reflecting the lien on and pledge of Projects Assets (as defined in the Indenture) to secure the Series 2015 Bonds;

d. Escrow Deposit Agreement with the Trustee providing for the defeasance of a portion of the outstanding Series 2009 Bonds ("Escrow Agreement");

e. Bond Purchase Contract between the Agency and Piper Jaffray & Co., as underwriter (the "Underwriter"), in which the Underwriter agrees to purchase the Series 2015 Bonds under certain terms and conditions (the "Purchase Contract");

f. Continuing Disclosure Agreement for the benefit of the holders of the Series 2015 Bonds; and

g. Preliminary Official Statement relating to the Series 2015 Bonds (the "Preliminary Official Statement"); and

**WHEREAS**, the Board of Directors desires to approve, authorize and take or direct to be taken those actions that are necessary, appropriate or useful to complete the various transactions, arrangements and other matters set forth in or contemplated by the Principal Bond Documents; and

**WHEREAS**, the Board of Directors has determined that it is in the best interests of the Agency to secure the Series 2015 Bonds as provided in the Indenture and the Deed of Trust;

**NOW, THEREFORE, BE IT RESOLVED BY THE AGENCY BOARD OF DIRECTORS AS FOLLOWS:**

Section 1. **Findings.** It is hereby determined that:

(a) The Series 2015 Bonds will provide financing to carry out the authorized purposes of the Agency, pursuant to the Act; and

(b) The defeasance and refunding of a portion of the outstanding Series 2009 Bonds will result in a significant savings to the members of the Agency; and

(c) The design, acquisition and construction of the improvements to the Projects to be financed by the Series 2015 Bonds will result in significant benefits for the members of the Agency; and

(d) The issuance of the Series 2015 Bonds of the Agency is in the best interests of the Agency; and

(e) The execution and delivery of such contracts, agreements and certificates by the Agency as are necessary to provide for the issuance and sale of the Series 2015 Bonds and the defeasance and refunding of a portion of the outstanding Series 2009 Bonds and the payment by the Agency of its obligations with respect to the Series 2009 Bonds and the Series 2015 Bonds are in the best interests of the Agency.

Section 2. **Limited Obligations.** The obligations of the Agency with respect to the Series 2015 Bonds are payable solely from the Revenues (as defined in the Indenture) received by the Agency under the Long-Term Power Sales Agreement between the Agency and its members and other amounts specifically pledged therefor under the Indenture and will not constitute a general obligation or a pledge of the full faith and credit of the Agency. The obligation of the Agency to pay the Series 2015 Bonds will not constitute a debt of the State of Alaska or any other political subdivision of the State of Alaska or of the members of the Agency. Neither the full faith and credit nor the taxing power of the State of Alaska or of any instrumentality or political subdivision thereof or any member of the Agency is pledged to the payment of the Series 2015 Bonds.

Section 3. **Series 2015 Bonds Authorized to be Issued, Sold, Executed and Delivered.** The Agency hereby authorizes the issuance, sale, execution and delivery of the Series 2015 Bonds, to be dated, mature, bear interest payable at the rates and on the dates and be subject to redemption as provided in the Indenture. The Chairman or his designee (each, an "Authorized Representative") is each individually authorized to approve the final pricing of the Series 2015 Bonds, and to execute and deliver the Purchase Contract on behalf of the Agency so long as: (a) no Series 2015 Bonds shall mature later than February 1, 2034; (b) any proceeds of the Series 2015 Bonds issued to finance improvements to the Projects, to fund a debt service reserve account and to pay allocable costs of bond issuance in excess of \$\_\_\_\_\_, after the funding of such debt service reserve account and the payment of such costs of bond issuance, shall be deposited in the Interest Account of the Bond Fund held by the Trustee under the Indenture and used to pay interest on the Series 2015 Bonds on their first interest payment date; and (c) the issuance of Series 2015 Bonds to defease and refund a portion of the outstanding Series 2009 Bonds and to pay allocable costs of bond issuance shall result in net present value debt service savings to the Agency of not less than five percent (5%) of the principal amount of Series 2009 Bonds refunded. The Series 2015 Bonds will be subject to such other terms and provisions as are more fully set forth in the Indenture as executed and delivered. Each Authorized Representative is individually authorized and directed to cause the Series 2015 Bonds to be executed and delivered as authorized by this resolution. Each Authorized Representative is individually authorized and directed to execute the Series 2015 Bonds, by facsimile or manual signatures, for and on behalf of the Agency as provided in the Indenture. The Series 2015 Bonds shall contain a recital that they are issued pursuant to the Act, and such recital shall be conclusive evidence of the validity of the Series 2015 Bonds and of the regularity of their issuance. The Series 2015 Bonds shall be issued as registered Series 2015 Bonds without coupons in various denominations with such rights of exchangeability and transfer of registration and shall be in the form and executed and authenticated in the manner provided in the Indenture.

Section 4. **Series 2009 Bonds Authorized to be Refunded.** The Agency hereby authorizes the defeasance and refunding of a portion of the outstanding Series 2009 Bonds. Each Authorized Representative is individually authorized and directed to determine the principal amount of the outstanding principal amount of the Series 2009 Bonds to be defeased and refunded (the "Refunded Bonds"), which shall be specified in the Escrow Agreement, and to execute and deliver the Escrow Agreement on behalf of the Agency. The Trustee is authorized and directed to carry out the defeasance and refunding of the Refunded Bonds as provided in the Escrow Agreement by, among other things, (a) the deposit of a portion of the proceeds of the Series 2015 Bonds with the Trustee, together with any other money deposited with the Trustee for such purposes, sufficient to pay the principal of the Refunded Bonds and interest thereon on the redemption date specified in the Escrow Agreement; and (b) the irrevocable call for redemption on such redemption date of all of the Refunded Bonds then outstanding at a redemption price equal to the principal amount thereof plus accrued interest to such redemption date.

Section 5. **Approval of Principal Bond Documents.** The Principal Bond Documents are hereby approved in the form presented at this meeting, and each Authorized Representative is individually authorized and directed to execute and deliver the Principal Bond Documents on behalf of the Agency, with such changes therein, consistent with this resolution, as shall be approved by the Authorized Representative executing such Principal Bond Documents, and such execution of the Principal Bond Documents by an individual Authorized Representative shall constitute conclusive evidence of the approval by the Agency of such changes. Each Authorized Representative is individually authorized and directed to cause the Deed of Trust to be recorded in the Ketchikan, Petersburg and Wrangell Recording Districts and to provide evidence of such recording to the Trustee.

Section 6. **Approval of Official Statement and Distribution of the Preliminary Official Statement.** Each Authorized Representative is individually authorized and directed to cause to be prepared and to, execute and deliver on behalf of the Agency a final Official Statement relating to the Bonds in substantially the form of the Preliminary Official Statement (the "Official Statement") with such changes therein as shall be approved by the Authorized Representative executing such Official Statement, and such execution of the Official Statement by an individual Authorized Representative shall constitute conclusive evidence of the approval of the Agency of such Official Statement. The use and distribution of the Official Statement by the Underwriter in connection with the offering and sale of the Series 2015 Bonds is hereby authorized. Each Authorized Representative is individually authorized and directed, on behalf of the Agency, to deem the Preliminary Official Statement final as of its date for purposes of and within the meaning of Securities and Exchange Commission Rule 15c2-12. The use and distribution of the Preliminary Official Statement in the marketing of the Series 2015 Bonds prior to the date hereof is hereby ratified and approved.

Section 7. **Appointment of Trustee.** Wells Fargo Bank, National Association, is designated as trustee and paying agent for the Series 2015 Bonds pursuant to the Indenture and as refunding trustee pursuant to the Escrow Agreement. The Agency authorizes and directs the Trustee on behalf of the Agency to authenticate the Series 2015 Bonds.

Section 8. **No Personal Liability.** No stipulation, obligation or agreement herein contained or contained in the Principal Bond Documents shall be deemed to be a stipulation, obligation or agreement of any officer, director, agent or employee of the Agency in his or her individual capacity, and no such officer, director, agent or employee shall be personally liable on the Series 2015 Bonds or be subject to personal liability or accountability by reason of the issuance thereof.

Section 9. **General Authority.** Each Authorized Representative of the Agency is individually authorized and directed to do all such acts and things and to execute and deliver all such documents as may be necessary, desirable, appropriate or expedient and in the best interest of the Agency to carry out and comply with the provisions of this resolution and the Principal Bond Documents as executed and is further authorized and directed to take any and all further actions and execute and deliver any and all other documents, letters of representation, and certificates, including any documents or actions as may be necessary or desirable in connection with the issuance of the Series 2015 Bonds, the defeasance of the Refunded Bonds, the provision of bond insurance and ratings for the Series 2015 Bonds and other matters set forth contemplated by this resolution and Principal Bond Documents.

Each Authorized Representative is individually authorized and directed to prepare and furnish, or to cause to be prepared and furnished, to the Underwriter, when the Series 2015 Bonds are issued, certified copies of all the proceedings and records of the Agency relating thereto, and such other



affidavits and certificates as may be required to show the facts relating to the legality and marketability of the Series 2015 Bonds as such facts appear from the books and records in the officers' custody and control or as otherwise know to them, and all such certified copies, certificates and affidavits, including any heretofore furnished, shall constitute representations of the Agency as to the truth of all statements contained therein.

Section 10. **Actions Ratified, Approved and Confirmed.** All acts and doings of the officers of the Agency that are in conformity with the purposes and intents of this resolution and in the furtherance of the issuance of the Series 2015 Bonds, the execution, delivery and performance of the Principal Bond Documents, and the irrevocable call for redemption and defeasance of the Refunded Bonds shall be, and the same hereby are, in all respects ratified, approval and confirmed.

Section 11. **Severability of Invalid Provisions.** If any one or more of the agreements or provisions herein contained shall be held contrary to any express provision of law or contrary to the policy of express law, though not expressly prohibited, or against public policy or shall for any reason whatsoever be held invalid, then such covenants, agreements or provisions shall be null and void and shall be deemed separable from the remaining agreements and provisions and shall in no way affect the validity of any of the other agreements and provisions hereof or of the Series 2015 Bonds.

Section 12. **Repealing Clause.** All resolutions or parts thereof of the Agency in conflict with the provisions herein contained are, to the extent of such conflict, hereby superseded and repealed.

Section 13. **Effective Date.** This resolution shall be effective immediately after its adoption.

Approved by the Board of Directors this \_\_\_\_\_ day of March 2015, by a vote of the members of the Board of Directors appointed by the City of Ketchikan *d/b/a* Ketchikan Public Utilities, the City and Borough of Wrangell *d/b/a* City of Wrangell Municipal Light and Power, and Petersburg Borough *d/b/a* Petersburg Municipal Power and Light.

DATED and EFFECTIVE as of the \_\_\_\_\_ day of March 2015.

#### THE SOUTHEAST ALASKA POWER AGENCY

By \_\_\_\_\_  
John Jensen, Chairman

ATTEST:

\_\_\_\_\_  
Judy Zenge, Secretary



# PROPOSED SEAPA BOARD MEETING DATES 2015

Date(s)	Location	Comments
June 10 (Wednesday)	Ketchikan	9 am-5 pm
July 29-30 (Wed-Thurs)	Petersburg	Propose split meeting from 1 pm-5 pm on Wednesday and 9 am-1 pm on Thursday
September 24 (Thursday)	Ketchikan	9 am-5 pm
November __-__, 2015	Wrangell	**to be determined**

**January 2015**

S	M	T	W	T	F	S
				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

**February 2015**

S	M	T	W	T	F	S
1	2	3	4	5	6	7
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15	16	17	18	19	20	21
22	23	24	25	26	27	28

**March 2015**

S	M	T	W	T	F	S
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

**April 2015**

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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

**May 2015**

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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

**June 2015**

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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

**July 2015**

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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

**August 2015**

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

**September 2015**

S	M	T	W	T	F	S
		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			

**October 2015**

S	M	T	W	T	F	S
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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

**November 2015**

S	M	T	W	T	F	S
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					

**December 2015**

S	M	T	W	T	F	S
		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		

# 2015

<b>January</b>
19: Martin Luther King Day
<b>February</b>
14: Valentine's Day
16: Presidents' Day
<b>March</b>
<b>April</b>
03: Good Friday
05: Easter Sunday
<b>May</b>
10: Mother's Day
25: Memorial Day
<b>June</b>
21: Father's Day
<b>July</b>
04: Independence Day
<b>August</b>
<b>September</b>
07: Labor Day
<b>October</b>
12: Columbus Day
31: Halloween
<b>November</b>
11: Veterans Day
26: Thanksgiving Day
<b>December</b>
25: Christmas Day

[www.blankcalendar2015.net](http://www.blankcalendar2015.net)

(See attached for additional information on 2015 meeting dates and events)

# 2015 MEETING DATES | EVENTS

DATE	ORGANIZATION	EVENT   LOCATION
<b>JANUARY 1</b>	<b>SEAPA</b>	<b>HOLIDAY – New Years Day</b>
28-29	APA	Manager's Forum/Legislative Fly-in, Juneau
<b>FEBRUARY 4-5</b>	<b>SEAPA</b>	<b>Board Meeting - Ketchikan</b>
11-12	APA	Legislative Conference, Juneau
<b>16</b>	<b>SEAPA</b>	<b>HOLIDAY – President's Day</b>
17-19	NORTHWEST HYDROELECTRIC ASSOCIATION	Annual Conference – Portland
SPRING 2015	APA	Federal Legislative Conf., Washington DC
MARCH 16-17	SOUTHEAST CONFERENCE	Mid-Session Summit - Juneau
<b>25-26</b>	<b>SEAPA</b>	<b>Board Meeting - Wrangell</b>
APRIL 27-29	NATIONAL HYDRO ASSOCIATION	Annual Conference - Washington, DC
MAY 17-21	NWPPA	75th Annual Conference and Membership Meeting - Anchorage
19-20	NORTHWEST HYDRO OPS FORUM	NW Hydro Operator's Forum, Boise, Idaho
<b>25</b>	<b>SEAPA</b>	<b>HOLIDAY – Memorial Day</b>
<b>28</b>	<b>SEAPA</b>	<b>Board Meeting, Ketchikan</b>
JUNE 2-4	APA LEGISLATIVE FLY-IN	Washington, DC
<b>JULY 4</b>	<b>SEAPA</b>	<b>HOLIDAY – Independence Day</b>
14-17	HYDROVISION INTERNATIONAL	Conference - Portland, Oregon
20-23	AEGIS	Policyholders Conference - Tennessee
<b>29-30</b>	<b>SEAPA</b>	<b>Board Meeting, Petersburg</b>
AUGUST 17	NATIONAL HYDRO ASSOCIATION	Alaska Regional Meeting - Anchorage
25-28	ALASKA POWER ASSOCIATION	Annual Meeting - Ketchikan
<b>SEPTEMBER 7</b>	<b>SEAPA</b>	<b>HOLIDAY – Labor Day</b>
15-17	SOUTHEAST CONFERENCE	Annual Meeting – Prince Rupert
<b>24</b>	<b>SEAPA</b>	<b>Board Meeting – Ketchikan</b>
OCTOBER 8-9	APA	Accounting & Finance Workshop, Anchorage
19-23	AUDITORS	Annual SEAPA Audit
26-29	NWPPA/APA	Alaska Electric Utility Conference – Anchorage
<b>NOVEMBER 11</b>	<b>SEAPA</b>	<b>HOLIDAY – Veteran's Day</b>
<b>17-18</b>	<b>SEAPA</b>	<b>Board Meeting – Wrangell</b>
<b>25-26</b>	<b>SEAPA</b>	<b>HOLIDAY – Thanksgiving</b>
<b>DECEMBER (early)</b>	<b>APA</b>	<b>APA/AIE Dec Mtg Series, Anchorage</b>
<b>24-25</b>	<b>SEAPA</b>	<b>HOLIDAY – Christmas Eve &amp; Christmas Day</b>

## OTHER EVENTS/MEETINGS

- Petersburg Borough Assembly
- City & Borough of Wrangell Assembly
- Ketchikan City Council

1st & 3rd Monday every month  
 2nd & 4th Tuesday every month  
 1st & 3rd Thursday every month