



SOUTHEAST ALASKA POWER AGENCY

Regular Board Meeting AGENDA

The Nolan Center | Wrangell, Alaska

Thursday, February 11, 2016 | 1:00 p.m. to 5:00 p.m. AKST
Friday, February 12, 2016 | 9:00 a.m. to 2:00 p.m. AKST

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

1. Call to Order
 - A. Roll Call
 - B. Communications/Lay on the Table Items
 - C. Disclosure of Conflicts of Interest
2. Approval of the Agenda
3. Introduction of Board Members
4. Election of Officers
 - A. Chairman
 - B. Vice Chairman
 - C. Secretary/Treasurer
5. Persons to be Heard
6. Introduction to SEAPA (Joel Paisner)
7. Review and Approve Minutes
 - A. December 10, 2015 Minutes of Regular Board Meeting
8. CEO Report
9. Staff Reports
 - A. Operations Manager's Report (*Henson*)
 - (i) Tyee Lake Report
 - (ii) Swan Lake Report
 - B. Director of Special Projects Report (*Wolfe*)
 - C. Power Systems Specialist Report (*Schofield*)

10. Financial Reports
 - A. CEO Financial Cover Memo
 - B. Controller's Report
 - C. kWh Graph
 - D. Grant Summary
 - E. Financial Statements – December 2015
 - F. Financial Statements – November 2015
 - G. R&R Reports
 - H. Disbursement Approvals – December 2015 and January 2016
11. Old Business
 - A. Operations Plan (Action #2 Tabled at 12/10/2015 Meeting)
12. New Business
 - A. Consideration and Approval of Project Management Contract for STI Helipad Project
 - B. Consideration and Approval of Swan Lake Construction Engineering Services
 - C. Consideration and Approval of Resolution #2016-063 (Amendment to SEAPA's Deferred Compensation Plan)
 - D. Consideration and Approval of Wrangell/SEAPA Substation Upgrade
 - E. Board Meeting Dates
13. Director Comments
14. Adjourn



SOUTHEAST ALASKA POWER AGENCY

Minutes of Regular Meeting

December 10, 2015

The Best Western Landing Hotel
Ketchikan, Alaska

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

1) Call to Order

- A. *Roll Call.* Chairman Jensen called the meeting to order at 9:20 a.m. AKST on December 10, 2015. The following directors and alternates were present, thus establishing a quorum of the board:

Director	Alternate	Representing	
Judy Zenge*	Bill Rotecki	Swan Lake	Ketchikan
	Andy Donato	Swan Lake	Ketchikan
	Charles Freeman	Swan Lake	Ketchikan
Joe Nelson	John Jensen	Tyee Lake	Petersburg
	Clay Hammer	Tyee Lake	Wrangell

*Ms. Zenge joined the meeting at 9:24 a.m.

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

Trey Acteson, Chief Executive Officer
Ed Schofield, Power System Specialist
Sharon Thompson, Executive Assistant
Joel Paisner, Ascent Law Partners, LLC

Eric Wolfe, Director of Special Projects
Steve Henson, Operations Manager
Kay Key, Controller
Lisa Maddocks, Administrative Assistant

- B. *Communications/Lay on the Table* – None.
C. *Disclosure of Conflicts of Interest* – None.

2) Approval of the Agenda

➤ Motion	M/S (Freeman/Hammer) to approve the agenda as presented. Motion approved unanimously by polled vote.	Action 16-465
➤ Motion	M/S (Freeman/Nelson) to amend the Agenda to add Item 'J' regarding a discussion on the Roadless Rule. Motion approved unanimously by polled vote.	Action 16-466

3) Persons to be Heard – None.

4) Review and Approve Minutes

➤ Motion	M/S (Hammer/Rotecki) to approve the Minutes of the Regular Meeting of September 14-15, 2015. Motion approved unanimously by polled vote.	Action 16-467
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➤ Motion	M/S (Hammer/Rotecki) to approve the Minutes of the Special Meeting of November 3, 2015. Motion approved unanimously by polled vote.	Action 16-468
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5) Financial Reports

(A)-(H) Mr. Acteson reported that SEAPA's financial position remains strong. He reviewed current revenue and expenses, renewal and replacement projects, the annual audit, and discussed the FY2015 rebate to the member utilities.

➤ Motion	M/S (Hammer/Zenge) to approve the financial statements for the months of August, September, and October 2015. Motion approved unanimously by polled vote.	Action 16-469
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➤ Motion	M/S (Rotecki/Hammer) to approve disbursements for the months of September, October, and November 2015 in the amount of \$3,545,759.59. Motion approved unanimously by polled vote.	Action 16-470
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➤ Motion	M/S (Zenge/Hammer) to approve the Southeast Alaska Power Agency Fiscal Year 2015 Audited Financial Statements as presented. Following a report by Joy Merriner, CPA, of BDO on the Fiscal Year 2015 audit, the motion was approved unanimously by polled vote.	Action 16-471
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The meeting recessed at 10:19 a.m. and reconvened at 10:42 a.m.

6) CEO Report

Mr. Acteson reported that SEAPA had submitted previous comments to the USDA Forest Service's Proposed Amended Land and Resource Management Plan and Draft Environmental Impact Statement (DEIS) for the Tongass National Forest. The comments focused on facilitation of the enhancement, processes, and cost savings of renewable energy development opportunities in the Tongass. The Amendment and DEIS are being reviewed to determine whether additional comments may be merited. He also reported on the advancement of proposed Independent Power Producer (IPP) legislation filed with the RCA, which he advised is important to monitor to maintain SEAPA's current exempt status.

Mr. Acteson provided an update of a feasibility study of the geothermal potential at Bell Island, and advised that no further action would be taken after weighing the risk/reward profile of initiating further investigation. After being apprised of an endorsement that would cause a significant increase in premium for SEAPA's third-party aviation premises liability insurance, he advised that the issue would be revisited in the spring of 2016 during a review of SEAPA's insurance program.

7) Staff Reports

A. **Operations Manager Report (Steve Henson)** – Mr. Henson provided updates on several of SEAPA's major contracts and projects, including the Wrangell Reactor, Wrangell Switchyard Circuit Switcher, Satellite Communications System, Swan-Tyee Intertie Helipads, Marine Terminal Gage Replacement and SEAPA's Communications Upgrade. He advised that ATV's may be permitted for use along the Tyee transmission line right-of-way next season pending a public review of the final Environmental Assessment of their use in that area. He reported on the various training programs that plant personnel will be attending and that SEAPA had joined the Red Vector Group which provides online access to over 900 courses in safety and craft skills training. Mr. Henson also provided updates on activities at Tyee Lake and Swan Lake.

The meeting recessed at 11:31 a.m. for projector set up, and reconvened at 11:40 a.m.

B. **Director of Special Projects Report (Eric Wolfe, P.E.)** – Mr. Wolfe opened with a Power Point presentation on SEAPA's load forecasting efforts. He reviewed several charts and graphs on loads and deliveries and explained why the effort is necessary and its importance in planning. Mr. Wolfe provided an update on SEAPA's Alarm Control Protection and Tyee Cooling Water Modification Projects noting that with better control and protection, an increase in energy and capacity effectiveness will be realized. He reported on SEAPA's Swan Lake Reservoir Expansion Project advising that a contract with Kuenz America, Inc. had been successfully negotiated for a flashboard design-build effort, and that he will seek board approval for award of a contract for the design and fabrication of a Fixed Wheel Gate. He noted that a Request for Proposals for construction is also underway with the goal of starting construction in April 2016 and commissioning of the flashboards by mid-September. He provided an update on the Tyee Spherical Valve Controls Project and discussed water management.

The meeting recessed at 12:04 p.m. for lunch and reconvened at 1:10 p.m.

C. **Power System Specialist Report (Ed Schofield)** – Mr. Schofield reported that although the Swan Lake Powerhouse Roof Project was completed on September 25, 2015 on time and on budget, a minor leak was discovered, which is being monitored by the roofing contractor. The Contractor provided a two-year warranty and the roofing manufacturer provided a 20-year warranty. He advised that he expected shipment of a skid mounted heat exchanger cooling equipment the first week of December for SEAPA's Swan Lake Lower Turbine Guide Bearing Cooling Project, and that Basler Exciter Gear and Cabinetry was being manufactured and may be shipped the first week of December. He reported that the General Electric main generator switchgear and cabinetry were also being manufactured and should ship the end of February 2016. Mr. Schofield discussed various Federal Power Act and FERC requirements under FERC's Order amending the Swan Lake license for the Swan Lake Reservoir Expansion Project. He reported that two Genie Boom Lifts were purchased for Tyee and Swan Lake and that on-line and site training had been provided for equipment operators. He also reported that the Bureau of Reclamation's PRO&M Team is scheduled to provide a review of the Tyee Lake Hydroelectric Facility from March 6-12, 2016.

8) New Business.

A. *Bylaws.* Mr. Paisner explained that since the meeting approving changes to the Agency's Bylaws that some non-substantive and minor changes to the Bylaws were discovered, and needed board approval. A draft of the changes to the Bylaws was provided to each director by email and at the meeting. A minor correction not reflected on the distributed draft regarding Article I, Section 1.6 of the Bylaws to correct an internal reference from 6(b) to 6(c) to that section was discussed.

➤ **Motion**

M/S (Hammer/Zenge) to approve the minor and non-substantive changes to SEAPA's Bylaws, as presented in the draft provided to the board of directors at the December 10, 2015 meeting in its entirety. A friendly amendment was introduced to the motion by Mr. Rotecki to correct an internal reference in Section 1.6 of the Bylaws from Section 6(b) to 6(c). The motion was approved unanimously by polled vote.

Action
16-472

B. *Resolution No. 2016-02: Document Retention Policy*

➤ **Motion**

M/S (Hammer/Zenge) to approve Resolution No. 2016-062 adopting a Document Retention Policy for record retention and disposal of SEAPA's records. Motion approved unanimously by polled vote.

Action
16-473

C. *SEAPA 2016 Operations Plan*

➤ **Motion**

M/S (Hammer/Freeman) to approve the following for SEAPA's 2016 Operations Plan:

Action #1: The Swan Lake draft and fill schedule will be guided by the values of Table 'X' below.

Action #2: Tabled until the next regular board meeting.

Action #3: For 2016, SEAPA staff should utilize the guide points curve included below as Table 'Z' as a basis for maximum draw-down levels at the Tyee Lake Reservoir.

Action
16-474

Table X		Table Y – KPU Hydro Reduction							Table Z	
Date	SWL El. (ft)		LL	LL	HL	HL			Date	TYL El. (ft)
12/01/15	323		Days	MW	Hrs.	MW	Hrs.	MWh	12/01/15	1370
01/01/16	305	May	15	2	8	2	16	720	12/31/15	1350
01/29/16	290	June	30	3	8	3	16	2160	01/30/16	1320
03/24/16	275	July	31	2	8	1.5	16	1240	02/29/16	1300
05/08/16	285	Aug.	31	2	8	1.5	16	1240	04/29/16	1270
05/23/16	302	Sept.	30	3	8	2	16	1680	06/08/16	1300
06/23/16	312.5	Total						7040	07/08/16	1350
07/24/16	312.5	LL – light load hours (10 p.m. to 6 a.m.)							08/07/16	1355
09/02/16	312.5	HL – heavy load hours (6 a.m. to 10 p.m.)							09/06/16	1360
10/13/16	327								10/06/16	1380
11/13/16	335								11/05/16	1390
12/08/16	330								12/05/16	1370

The motion was approved unanimously by polled vote.

D. Swan Lake Reservoir Expansion Project (Fixed Wheel Gate)

➤ Motion	M/S (Hammer/Freeman) to authorize staff to enter into a contract with Kuenz America, Inc. for SEAPA's Swan Lake Reservoir Expansion Project (Fixed Wheel Gate) for the value of \$689,379. Mr. Freeman introduced a friendly amendment to the motion to add "not to exceed" value of \$689,379. Mr. Hammer seconded the amendment. Motion approved unanimously by polled vote.	Action 16-475
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E. Volunteer Maintenance Agreement for U.S. Forest Service Cabins

➤ Motion	M/S (Hammer/Freeman) to authorize staff to enter into a Volunteer Maintenance Agreement with the U.S. Department of Agriculture Ranger Districts in Ketchikan, Wrangell, and Petersburg for the following public use recreational cabins: (1) cabin located at Eagle Lake near Wrangell, (2) cabin located at the mouth of the Harding River near Wrangell, (3) cabin located at Reflection Lake near Ketchikan, and (4) cabin located at Swan Lake above Thomas Bay near Petersburg. The Agreement will be effective for a three-year term with an option to renew annually thereafter until otherwise terminated. Motion approved unanimously by polled vote.	Action 16-476
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F. SSRAA Memorandum of Understanding

➤ Motion	M/S (Rotecki/Zenge) to authorize staff to enter into a Memorandum of Understanding with the Southern Southeast Regional Aquaculture Association (SSRAA) which identifies SEAPA's support services and the operational expectations of SSRAA and SEAPA during SSRAA's Chinook rearing season. The motion passed 4 to 1, with Mr. Hammer, Mr. Freeman, Ms. Zenge and Mr. Rotecki voting in favor of the motion, and Mr. Nelson voting against the motion.	Action 16-477
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G. Bell Island Geothermal Investigation

➤ Motion	M/S (Hammer/Zenge) that no further action be taken following conclusion of an investigation of the Bell Island geothermal resource. Motion approved unanimously by polled vote.	Action 16-478
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H. FY2015 Rebate to Member Communities

➤ Motion	M/S (Hammer/Zenge) to authorize the distribution of a \$1,500,000 rebate with a pro rata share to each member utility based on an average of the last three years' firm kWh purchases from SEAPA as specified in Mr. Acteson's rebate memo dated December 2, 2015. Motion approved unanimously by polled vote.	Action 16-479
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- I. *Discussion Re: Roadless Rule*¹. Mr. Paisner advised that SEAPA agreed to participate as amicus to support a challenge at the United States Supreme Court by the State of Alaska regarding the Roadless Rule². SEAPA has joined a group of timber interests in support of the State. The case originated in the Alaska Federal District where the Village of Kake successfully challenged the Tongass exemption, that had allowed the Tongass Forest to operate under separate rules. He explained that SEAPA has a vital interest in the management of the Tongass because application of the Roadless Rule to the Tongass adversely affects SEAPA's ability to generate affordable renewable hydroelectric power in rural Southeast Alaska. Mr. Paisner outlined the next steps in the litigation explaining that the US Government will have to reply in mid-January, and then we will have to wait and see if the US Supreme Court will hear the case by the end of their term, which is in June 2016.
- J. *2016 Meeting Dates*. The board had no objections to the following dates for regular meetings of the directors in 2016:

February 11-12, 2016 (Wrangell)
April 28, 2016 (Ketchikan)
June 8-9, 2016 (Petersburg)
August 25, 2016 (Ketchikan)
October 12-13, 2016 (Wrangell)
December 14, 2016 (Ketchikan)

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

10) **Adjourn**

Chairman Jensen adjourned the meeting at 3:08 p.m. AKST.

Signed:


Attest:

Secretary/Treasurer

Chairman

¹ This New Business Item was designated as Item 'J' in the Amendment to the Agenda for a discussion on the Roadless Rule. Since it was heard in the Agenda before New Business Item 'I', it was renumbered accordingly.

² The 2001 Roadless Rule established prohibitions on road construction, road reconstruction, and timber harvesting on 58.5 million acres of inventoried roadless areas on the National Forest System lands.

	<h2 style="text-align: center;">Southeast Alaska Power Agency CEO Report</h2>
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DATE: February 4, 2016

TO: SEAPA Board of Directors

FROM: Trey Acteson, CEO

SWAN LAKE RESERVOIR EXPANSION PROJECT

The Swan Lake Reservoir Expansion Project has required significant resources over the last couple of months. Although this will be covered in greater detail in the Director of Special Projects' Report, it is important to highlight that Staff has put forward an outstanding effort developing complex bid specs, executing the bid process, and conforming requisite contracts. We have completed contracts on the two primary equipment groups, the flashboards and gate. Bid documents for the overall construction work were posted February 1st and final design refinements are progressing well. We need to hold a special meeting on March 15th for consideration of award of the civil construction contract.

SEAPA staff met with KPU on January 19th and discussed concerns and strategies for controlling Swan Lake levels through access to loads during the construction period. This topic was tabled at our last meeting and is listed under old business on the agenda. I will elaborate further on this topic when the Board convenes.

Planned annual maintenance activities during the construction period will shift as necessary to ensure unit availability for controlling the Swan Lake reservoir level. The budgeted exciter and switchgear replacement projects will be deferred because they require extended outages that introduce unnecessary risk to construction activities. Planned transmission line and switchyard maintenance will be queued up with contractors and completed as reservoir levels allow.

GOVERNMENTAL AFFAIRS

There has been a flurry of activity the last couple of weeks as debate began on the long awaited Senate Bill 2012, the Energy Policy Modernization Act. SEAPA is working to correct a land conveyance error associated with the Swan Lake Hydroelectric Project through this legislative vehicle. The error was discovered during the Swan Lake License

Amendment process, and appears to be the result of a flaw in early USGS topographic maps, which incorrectly identified the 350' elevation in the upper reaches of Lost Creek. A White Paper was developed on the issue (Attachment 1) and worked through Senator Stedman's office to advance it to our Alaska Delegation in Washington D.C. Amendment language was drafted at the request of Senator Sullivan's office and we produced an updated map depicting lands that encompass the 25.8 acres that were missed in Lot 2. This effort has been supported by Van Ness Feldman, our D.C. legal advisor. Our amendment (Attachment 2) seeks to direct the BLM to rectify the conveyance error and finalize transfer of originally intended lands to the State of Alaska within one year. Senator Sullivan's office filed our amendment on February 2nd. Discussion on S. 2012 began last week and failed a cloture vote this morning, subsequently halting debate. The water crisis in Flint, Michigan is the main obstacle, as some are calling for inclusion of funding to resolve that issue. It has been quite chaotic down the home stretch and I hope to be able to provide further information at the Board meeting. The Alaska DNR has also been apprised of the conveyance error and has received our White Paper. They will play an important role in resolving the land conveyance issue.

SEAPA has helped spearhead an Alaska-based energy industry letter (Attachment 3) in collaboration with the National Hydro Association, the Alaska Power Association, and Van Ness Feldman. The letter has garnered strong support from Alaska hydro project owners and encourages Senators Murkowski and Cantwell to continue discussions addressing unrestrained 4(e) mandatory conditioning authorities granted in the Federal Power Act. Federal overreach pertaining to 4(e) conditions may impose unreasonable monetary burdens on SEAPA as we work toward developing new renewable energy resources and in the relicensing of our existing hydro projects. The impacts can be very significant, so it is important that we continue to seek policy reform.

The language changes negotiated last year with the Mahoney Partnership regarding their amendment to extend the Mahoney License, but clarified to not favor that project over others, have remained intact and the amendment is included in a broader package of amendments for S. 2012 being brought forward by Senator Murkowski. As previously mentioned, debate on the energy bill has been temporarily halted.

The State Legislature is now in session and balancing the budget remains the top priority. This is the second year of a two-year cycle so we are monitoring activity closely to guard against any harmful legislation. As you may recall, we successfully lobbied to neutralize potentially harmful IPP legislation last year and were also successful in amending a bill that granted SEAPA access to the State Municipal Bond Bank. I will be traveling to Juneau the end of February to attend the Alaska Power Association's annual fly-in. We will be presenting a legislative lunch-and-learn again this year, as well as meeting with key legislators. The focus will be to preserve current rural energy programs and expand legislator's and staffer's knowledge of our industry needs. I will also continue to advocate for developing back-loaded project financing options that provide maximum flexibility to construct new generation resources at the appropriate

time. Back-loading debt can help balance debt service requirements with revenue growth, minimizing impact to ratepayers.

As reported earlier, the U.S. Department of Agriculture Forest Service released the Proposed Amended Land and Resource Management Plan (Draft Amendment) and Draft Environmental Impact Statement (DEIS) for the Tongass National Forest (Tongass) on November 20, 2015. This triggered a 90-day public review and comment period. SEAPA is in the process of finalizing our comments ahead of the February 22nd deadline and we will be seeking further clarity in Section 5-12 of the Draft Amendment that outlines a Renewable Energy Direction. As currently written, it leaves several areas open for broad interpretation, which creates uncertainty for renewable energy development. This translates to more risk and higher costs.

PUBLIC RELATIONS

SEAPA completed a multi-year Draft Memorandum of Understanding with the Southern Southeast Regional Aquaculture Association (SSRAA) formalizing support for planned Chinook salmon rearing pens adjacent to our Swan Lake Power Facilities. Site activities are anticipated to begin in a few weeks.

SEAPA has worked with the USFS to draft a Volunteer Maintenance Agreement committing SEAPA time and resources for maintaining four USFS Public Use Cabins. We are waiting for the USFS to finalize approvals on their end.

The CY2015 end-of-year Community Flyer was completed and distributed to the three member communities (Attachment 4). Community Flyers are available to the general public on the SEAPA website.

BEST PRACTICES AND PROCESS IMPROVEMENTS

Staff has been gathering information in support of a scheduled assessment at Tyee by an independent team of hydro experts from the Bureau of Reclamation. This focused effort will review important operational and maintenance facets at the facility, providing a baseline and recommendations for ensuring best practices and continued process improvements.

Staff has drafted changes in consultation with John Walch, our labor law advisor, to refine employment classifications and associated benefit thresholds to ensure maximum flexibility with part-time and temporary positions. This will allow us to work temporary employees up to 1000 hours per year prior to being eligible for benefits, rather than being held to a 37.75 hour weekly threshold. This became an issue last year when we were coordinating work schedules at remote sites with our Intern. Misalignment with other worker's schedules, weather delays, and availability of flights presented obstacles to meeting business objectives. The proposed changes will simplify scheduling and minimize our risk of triggering benefits for temporary employees. We will also be recommending that the defined threshold between part-time and full-time classifications

be changed from 37.5 to 32 to better align with a typical 8-hour work day. The change does not prevent SEAPA from occasionally working employees classified as part-time more than 32 hours. This item will be covered under new business.

PERSONNEL

We plan to re-engage our Intern from last year after the employee classification changes are in place. This should get him on board a little earlier this season so he can gain maximum exposure over the summer. We will also begin recruitment for a temporary Administrative Assistant to support document retention policy activities in our Wrangell satellite office.

Attachment #1 to CEO Report

White Paper

**(Transfer of Intended FERC Project
Boundary Lands to the State of Alaska)**



White Paper

Swan Lake Hydroelectric Project

(Transfer of Intended FERC Project Boundary Lands
to the State of Alaska)

Written by:

Trey Acteson
Chief Executive Officer

Southeast Alaska Power Agency
January 2016

SOUTHEAST ALASKA POWER AGENCY

SWAN LAKE HYDROELECTRIC PROJECT

Request:

Transfer of Intended Federal Energy Regulatory Commission (FERC) Boundary Lands to the State of Alaska

Organization: Southeast Alaska Power Agency is a not-for-profit Joint Action Agency of the State of Alaska that supplies wholesale power to the municipal utilities of Petersburg, Wrangell, and Ketchikan over its interconnected transmission system.

Objective: To complete transfer of all intended FERC Project boundary lands to the State of Alaska.

Project Location: The Swan Lake Hydroelectric Project is a remote facility located approximately 22 air miles northeast of Ketchikan.

Existing Project Description: The Swan Lake Hydroelectric Project is comprised of an elliptical concrete thin arch dam, 174 feet high and 430 feet long at its crest. The power tunnel is 2,200 feet long and 11 feet in diameter, leading from the intake structure down to the powerhouse. There are two Francis style hydro turbines with a total rated capacity of 22,000 kW.

1.0 INTRODUCTION

The Southeast Alaska Power Agency (SEAPA) owns the Swan Lake Hydroelectric Project, FERC No. 2911 (Project), on the northeast side of Carroll Inlet in Southeast Alaska. On August 18, 2015, SEAPA received a non-capacity license amendment to increase the storage capacity of the Project reservoir through a fifteen foot increase in the dam height. SEAPA's new operating pool is at elevation 345 feet around the reservoir; the FERC Project boundary follows the 350 foot elevation contour on the Project drawings. During the amendment process, it was determined that 25.8 acres of federal lands were within the Project boundary due to an error in establishing lands to be transferred to the State of Alaska back in 1997. The purpose of this request is to provide context for discussions with the Alaska Department of Natural Resources, the US Bureau of Land Management, and the USDA Forest Service over the best mechanism and sequence of steps to complete transfer of all intended FERC Project boundary lands to the State of Alaska.

In 1997, some of the Tongass National Forest (TNF) lands around the Project were conveyed to the State of Alaska; the conveyance was a result of a National Forest Community Grant selection application AA-71620 pursuant to Sec. 6(a) of the Alaska Statehood Act of July 7, 1958, Pub. L. 85-508, 72 Stat. 339, as amended. US Survey (USS) 11630 was filed on May 9, 1997, and identifies the corners of two (2) lots which were conveyed (See Attachment 1). These lands were subsequently transferred via Patent 50-97-0286. Lot 1 starts at the Swan Lake dam and encompasses Project lands downstream. Lot 2 surrounds the reservoir and was intended to include all lands within the FERC Project boundary as defined by the

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350 foot contour. The intent of the conveyance was to transfer all FERC Project boundary lands to the state. However, a 2012 ground survey of Lot 2 has identified a portion of TNF lands that are at or below 350 feet and therefore within the FERC Project boundary. This portion is in the northeast corner and extends into the Lost Creek drainage. It is assumed that a lack of refined contours on the then-available topo maps led to a misunderstanding of the location of the 350 foot contour in this low gradient tributary.

The presence of TNF lands within the Project boundary played a significant role in the recently completed license amendment process. TNF personnel were consulted and provided significant input on the National Environmental Policy Act (NEPA) process. The Amendment included mandatory conditions pursuant to section 4(e) of the Federal Power Act; SEAPA and the TNF are currently in the process of implementing these conditions.

The error that resulted in the inclusion of TNF lands within the Project boundary did not prevent SEAPA from working collaboratively with the TNF to acquire the requested license amendment. However, the license amendment process highlighted how the presence of a relatively small area of unintended federal lands (25.8 acres) within the Project boundary may disproportionately influence future project operations and re-licensing efforts. The following is a sample of significant “new” TNF mandatory conditions imposed on SEAPA through the recent non-capacity license amendment as a result of the earlier land conveyance error.

1. Seek TNF approval of final design of the project.
2. Seek TNF approval of changes after initial construction.
3. Allow for the revision of TNF conditions following issuance of a biological opinion or water quality certificate.
4. Consult with TNF annually to protect TNF lands.
5. Prepare and implement an Invasive Species Plant Management Plan.
6. Prepare and implement a Rare Plant Salvage and Protection Plan.
7. Conduct a timber cruise.
8. Obtain special use authorization.
9. Comply with revised conditions following a special use authorization administrative appeals process.

2.0 2012 LAND SURVEY

In the early stages of exploring a potential pool raise at Swan Lake, SEAPA sought to confirm the accuracy of existing information relative to the property and land management boundaries. Of particular concern were four tributary mouths where a small increase in surface elevation could result in a relatively large horizontal area of influence. In 2012, SEAPA contracted with R&M Engineering (R&M) to survey key corners described in USS 11630-002 (Attachment 2) and to locate elevation 350 feet around the four tributaries to confirm that the proposed pool raise to 345 feet would not impact TNF lands.

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The R&M report is included as Attachment 3. Briefly, the survey concluded that at three of the four tributaries, the 350 foot elevation contour lies outside of TNF lands, on property conveyed to the State in 1997. On Lost Creek, the report concluded the following:

Lost Creek differs significantly from the previously mentioned streams, having a flat profile. Using a combination of total station traverses and compass/laser surveys we determined the extent of the 350 contour. It was found to reach over onto U.S. Forest Service land by about 0.8 mile along the creek. There are 25.8 acres below the 350 contour outside U.S. Survey 11630. The 350 contour, defining the FERC Project Boundary, as shown on Exhibit K-5 of the project documents does not extend as far as our survey indicates.

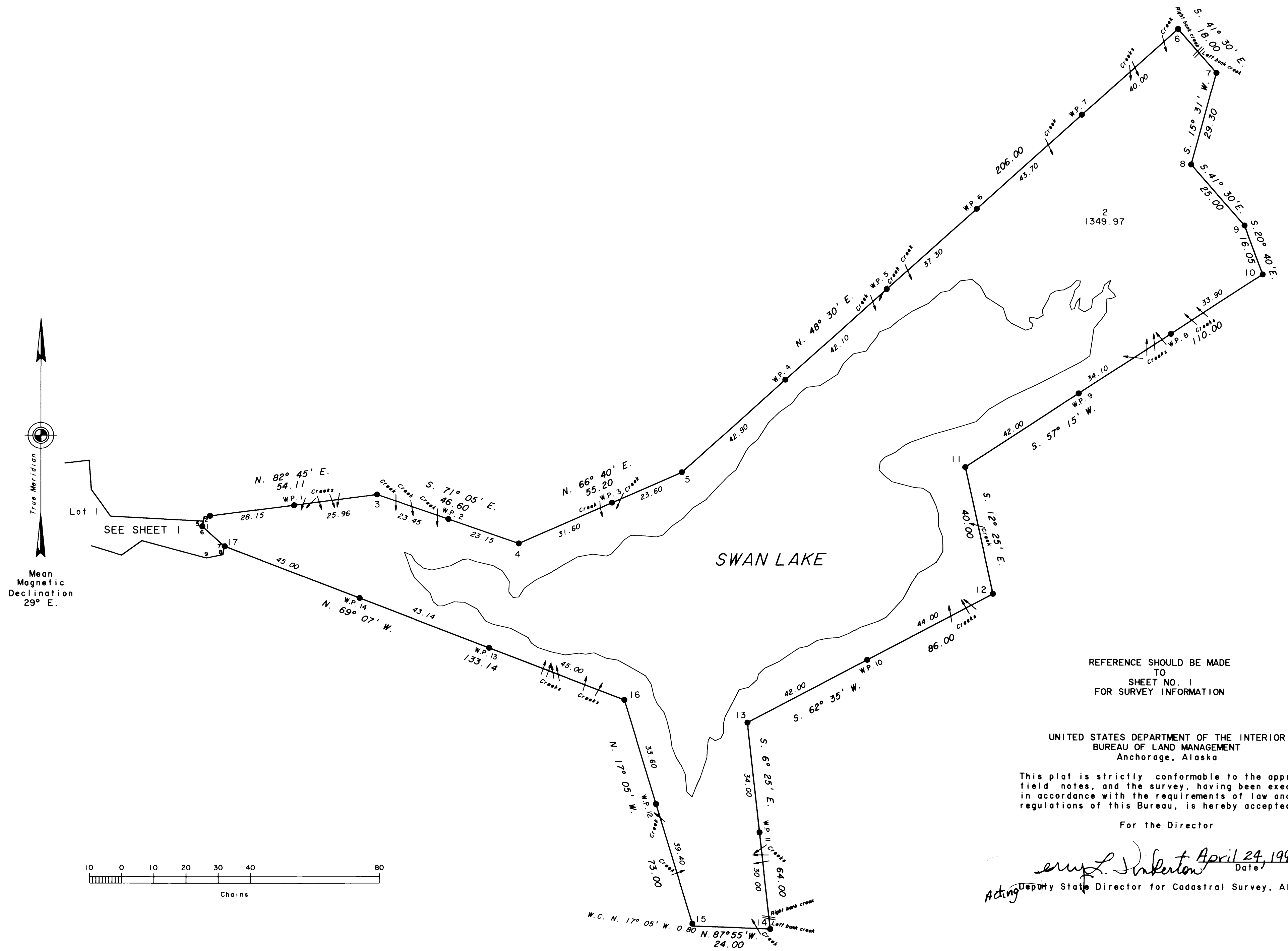
As a result of these findings, SEAPA proceeded through the license amendment process in consultation with the TNF, as it was concluded that the 25.8 acres of TNF lands are within the FERC Project boundary. Most of this acreage (up to 345 ft.) will be inundated on an annual basis as a result of the 2016 FERC Order Amending License.

3.0 CORRECTING LAND OWNERSHIP WITHIN THE PROJECT BOUNDARY

SEAPA has identified that completing the transfer of lands from federal ownership to state ownership, as was intended in the original survey order of October 20, 1994 (Tentative Approval AA-71620) is a priority for the long-term management of the Swan Lake Hydroelectric Project. Federal ownership of a relatively small number of acres (25.8) as compared to the entire Tongass National Forest (approx. 17 million acres) encumbers SEAPA with additional compliance requirements going forward; the Project is under the jurisdiction of FERC and would therefore continue to be subject to NEPA review for any proposed project modification in the future. This includes its license renewal in 2030.

ATTACHMENT 1
U.S. Survey No. 11630

U.S. SURVEY
No. 11630, ALASKA



REFERENCE SHOULD BE MADE
TO
SHEET NO. 1
FOR SURVEY INFORMATION

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Anchorage, Alaska

This plat is strictly conformable to the approved field notes, and the survey, having been executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

Ernest L. Sinkerton April 24, 1997
Acting Deputy State Director for Cadastral Survey, Alaska

Post Sheet CR 16-3
KETCHIKAN C-5
T725, R92E, CRM

U.S. SURVEY

No. 11630, ALASKA

COMPRISING 2 LOTS

SITUATED

APPROXIMATELY 22 MILES NORTHEASTERLY

OF KETCHIKAN, ALASKA, AT

SWAN LAKE ON REVILLAGIGEDO ISLAND,

NEAR THE HEAD OF CARROLL INLET,

WITHIN

TOWNSHIP 72 SOUTH, RANGE 92 EAST,

COPPER RIVER MERIDIAN, ALASKA

THE GEOGRAPHIC POSITION

OF

CORNER NO. 6, LOT 1,

IDENTICAL WITH

CORNER NO. 1, LOT 2,

IS:

LATITUDE: 55° 36' 55.9" NORTH

LONGITUDE: 131° 20' 35.9" WEST

NAD 27

AREA: 1399.41 ACRES

SURVEYED

BY

TIMOTHY A. QUINCY, STEVEN R. STOKKE,

CRAIG S. DUKART, ERIC L. STOLL, CADASTRAL SURVEYORS

MAY 28 THROUGH JULY 6, 1996

UNDER SPECIAL INSTRUCTIONS

DATED APRIL 5, 1995

APPROVED JULY 12, 1995

Acceptance of this survey does not purport to transfer any interest in submerged lands to which the State of Alaska is entitled under the Equal Footing Doctrine and Section 6(m) of the Alaska Statehood Act, P.L. 85-508, notwithstanding the use, location, or absence of meander lines to depict water bodies.

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

Anchorage, Alaska

This plat is strictly conformable to the approved field notes, and the survey, having been executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

Deputy State Director for Cadastral Survey, Alaska

April 24, 1997

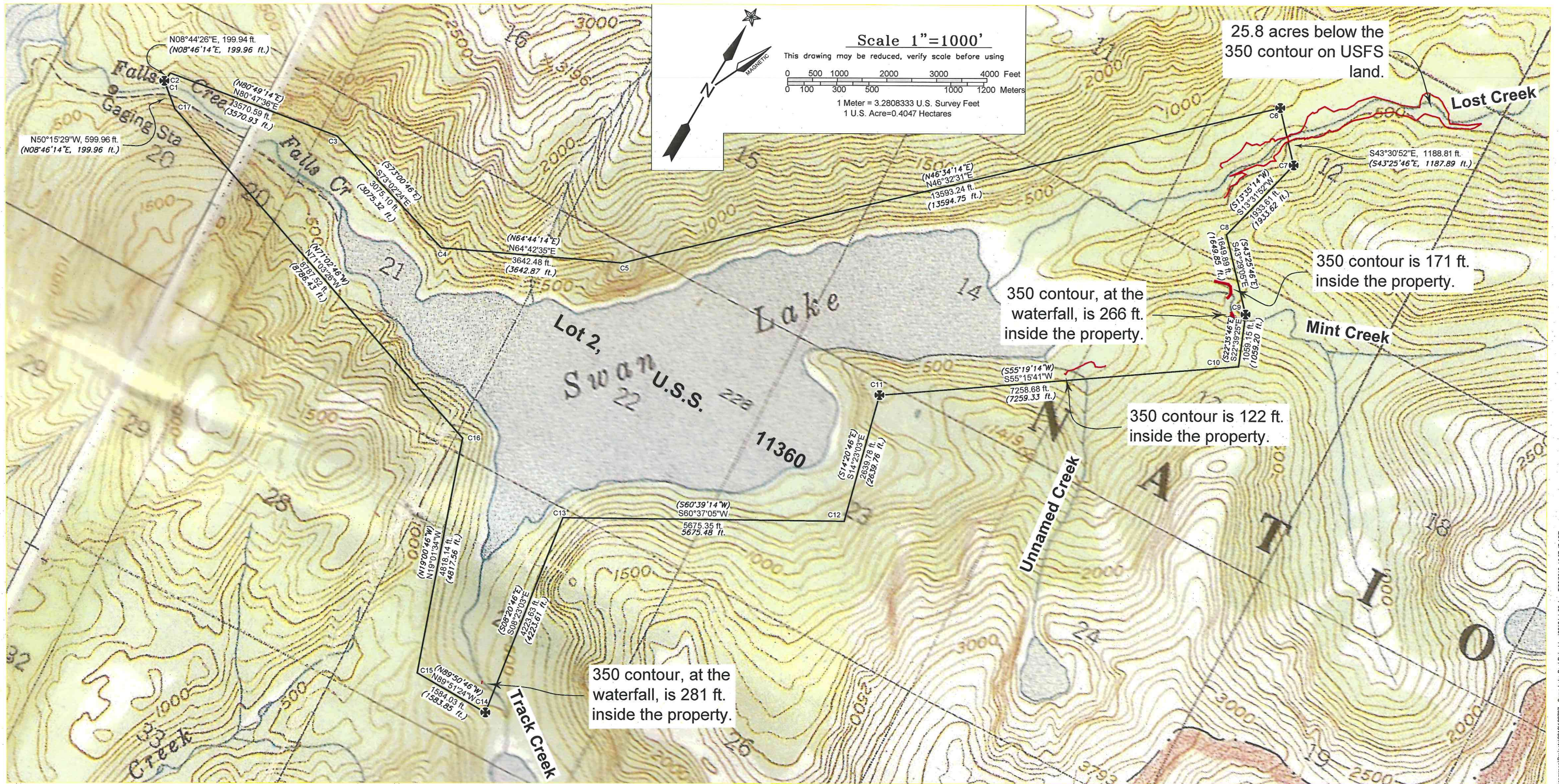
Date

Prot Sheet CR 16-3

KETCHIKAN C-5

T72S, R92E, CRM

ATTACHMENT 2
2012 Land Survey



LEGEND

- ✕ Bureau of Land Management monument recovered and tied this survey.
- () Indicates data from the record of U.S. Survey 11630, see note 2.
- 350 foot contour surveyed and marked.

NOTES

- The horizontal coordinate system employed is the Alaska State Plane Coordinate System, Zone 1, North American Datum of 1927. The elevations are relative to Local Mean Lower Low Water. This is the same coordinate system used in the original construction drawings for the Swan Lake Power Project prepared by R.W. Beck and Associates and the Exhibits in the documents submitted to the Federal Energy Regulatory Commission. The coordinates for the Theodolite Pier at the Swan Lake Dam (also identified as Corner 1, Lot 2, U.S. Survey 11630) were held and used to generate the coordinates in this survey. The linear units are U.S. Survey Feet.
- The record data from U.S. Survey 11630 was brought into the project coordinate system by applying the state plane corrections for convergence angle and scale factor at the Theodolite Pier.
Latitude = 55°36'55.9467" N
Longitude = 131°20'39.9000" W (NAD 27)
Convergence angle = 1°55'46"
Scale Factor = 0.999908376



July 30, 2012

REVISION	DATE	DESCRIPTION	APPROVED

Do not scale, use dimensions whenever possible	
Map of Survey of Swan Lake Pool Raise near Ketchikan, Alaska	
Client: Southeast Alaska Power Authority 1900 First Ave., Suite 318 Ketchikan, AK 99901	
R&M ENGINEERING-KETCHIKAN, INC. 355 Carlanna Lake Road Ketchikan, AK 99901	
Date: July 30, 2012	Drawn by: JPP
Scale: 1 in. = 1000 ft.	Job No. 122737
Sheet 1 of 1	

ATTACHMENT 3
2012 Land Survey Report

Surveyor's Report
Swan Lake Pool Raise Project
R&M Engineering-Ketchikan Project # 122737

Overview

In June of 2012, R&M Engineering-Ketchikan, Inc. investigated the extent of the impact of the Swan Lake Pool Raise Project at the request of the Southeast Alaska Power Authority. The 350 foot contour was to be determined to define the extent of the proposed impact of the raise of the reservoir behind the Swan Lake Dam at the head of Carroll Inlet near Ketchikan, Alaska. This is also the line that the Federal Energy Regulatory Commission identified as the Project Boundary for the Swan Lake Power Project. It was especially important to determine those areas that would be impacted that lie outside USS 11630 and onto land managed by the U.S. Forest Service.

The present reservoir is an irregular shape and measures approximately 4 miles east and west and varying widths in the north and south direction of 0.2 to 1.5 miles. There is about 13.5 miles of shoreline along the present reservoir at the spillway elevation of 330 feet.

Much of the slopes immediately above the present reservoir are steep and the 350 foot contour stays well within the boundaries of U.S.S. 11630. Four areas were identified as having significant streams flowing into the lake and therefore worthy of survey to determine the extent of the 350 contour, relative to the boundary of U.S.S. 11630. These streams were identified as: Track Creek, Unnamed Creek, Mint Creek and Lost Creek on the drawing that accompanies this report.

The Methodology

The horizontal coordinate system employed is the Alaska State Plane Coordinate System, Zone 1, North American Datum of 1927. The elevations are relative to Local Mean Lower Low Water. This is the same coordinate system used in the original construction drawings by R.W. Beck and Associates and the Exhibits in the documents submitted to the Federal Energy Regulatory Commission. The coordinates for the Theodolite Pier at the Swan Lake Dam were held and used to generate the coordinates in this survey. The linear units are U.S. Survey Feet.

The control for the field survey was done using differentially corrected, dual frequency GPS observations. Conventional total station traverses were run into heavily timbered areas that were not suitable for satellite surveying. In Unnamed Creek and Lost Creek compass and handheld lasers were used to extend beyond the total station traverses to locate and record the 350 contour. The 350 contour was marked in the field with double fluorescent orange flags. "350" or "Z350" was written in indelible marker on the flagging.

Boundary Resolution

U.S. Survey 11630 was surveyed by the Bureau of Land Management in 1996 and that land was conveyed to the State of Alaska in 1997. In our survey we retraced selected corners of Lot 2 to establish the position of the 350 contour in relation to the boundary and to georeference the boundary for GIS purposes. We proposed to tie Corners 6, 7, 8, 9, 10, 14 and 15 of Lot 2. After review of the platted positions and the initial helicopter visit we found it more cost effective to tie Corners 1, 6, 7, 9, 11 and 14 of Lot 2. The data comparing the record data and our resolution of the boundary is shown on the drawing accompanying this report.

Track Creek Findings

Track Creek enters the present reservoir as a waterfall, shown on Photo 1. Our total station survey located the 350 contour on both sides of the waterfall and showed it well within U.S.S. 11630, getting no closer that 281 feet from the boundary.



Photo 1

Showing the mouth of Track Creek, reservoir near spillway elevation.

Unnamed Creek Findings

The 350 contour at the mouth of Unnamed Creek was located by a combination of total station survey and compass/laser survey. Our data indicates that the 350 contour says within U.S. Survey 11360, getting no closer than 122 feet from Forest Service land.

Mint Creek Findings

Mint Creek enters the present reservoir as a waterfall similar to Track Creek. Our total station survey at the waterfall shows the 350 contour at least 266 feet inside U.S. Survey 11630. We found a small bay with a shallow sloping upland about 500 ft. northwest of the mouth of Mint Creek and did an additional survey of the 350 contour there. This was also found within the boundary of U.S. Survey 11630 by at least 171 feet.

Lost Creek Findings

Lost Creek differs significantly from the previously mentioned streams, having a flat profile. Using a combination of total station traverses and compass/laser surveys we determined the extent of the 350 contour. It was found to reach over onto U.S. Forest Service land by about 0.8 mile along the creek. There are 25.8 acres below the 350 contour outside U.S. Survey 11630. The 350 contour, defining the FERC Project Boundary, as shown on Exhibit K-5 of the project documents does not extend as far as our survey indicates.



Photo 2

A panoramic shot looking upstream at the point where the 350 contour crosses Lost Creek.

John P. Pearson
LS-7217

Attachment #2 to CEO Report

Amendment No. 3188

**(To provide for the correction of a survey
of certain land in the State of Alaska)**



AMENDMENT NO. _____ Calendar No. _____

 Purpose: To provide for the correction of a survey of certain
land in the State of Alaska.

IN THE SENATE OF THE UNITED STATES—114th Cong., 2d Sess.

AMENDMENT N^o 3188	
By <u>Sullivan</u>	energy policy of
To: <u>AMOT No 2953</u>	poses.
_____	_____ and
2	printed
Page(s)	
<small>GPO: 2014 91-623 (mac)</small>	

 SULLIVAN to
the amendment (No. 2953) proposed by Ms. MURKOWSKI

Viz:

- 1 At the end of subtitle E of title IV, add the following:
- 2 **SEC. 44** _____. **CORRECTION OF SURVEY FOR CERTAIN LAND**
- 3 **IN THE STATE OF ALASKA.**
- 4 (a) IN GENERAL.—Not later than 1 year after the
- 5 date of enactment of this Act, the Secretary of the Interior
- 6 shall—
- 7 (1) correct the United States Survey numbered
- 8 11630 to conform with the map entitled “Swan
- 9 Lake Project Boundary—Lot 2” and dated February
- 10 1, 2016; and

1 (2) issue a land patent to the State of Alaska
2 for all Federal land within the corrected survey area
3 pursuant to section 6(a) of the Act of July 7, 1958
4 (commonly known as the “Alaska Statehood Act”)
5 (48 U.S.C. note prec. 21; Public Law 85–508).

6 (b) EFFECT.—All actions taken by the Secretary of
7 the Interior in carrying out this section—

8 (1) are nondiscretionary actions authorized and
9 directed by Congress; and

10 (2) shall be considered to comply with all proce-
11 dural and other requirements of the laws of the
12 United States.

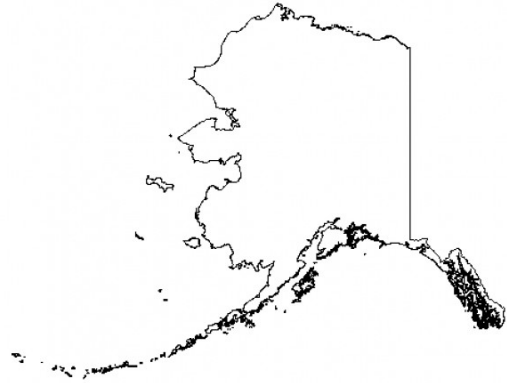
Attachment #3 to CEO Report

Alaska Energy Based Industry Letter

(02.03.2016 Letter to Murkowski)

February 3, 2016

The Honorable Lisa Murkowski
Chairman
Energy and Natural Resources Committee
United States Senate
304 Dirksen Senate Office Building
Washington, DC 20510



Dear Chairman Murkowski:

As owners and operators of hydropower facilities throughout the State of Alaska, we write to express our appreciation and support for your strong leadership in advocating much-needed reforms to hydropower licensing and regulation. The changes to the licensing process included in the Energy Policy Modernization Act (S. 2012), currently being considered on the floor of the Senate, will help reduce duplicative environmental studies, promote accurate fact findings on key issues supporting federal agencies' mandatory conditions submitted under sections 4(e) and 18 of the Federal Power Act (FPA), and encourage agency collaboration and discipline in the process by requiring the Federal Energy Regulatory Commission (FERC) and federal and state resource agencies to work together from the very beginning of the process in identifying studies and developing an overall schedule for all federal authorizations required for hydropower licensing.

We especially appreciate the measures in S. 2012 addressing new project development—such as extending the terms of preliminary permits and the deadline for beginning construction of new projects. Given our growing loads on isolated electric grids, our need to replace expensive diesel with cleaner, more economic fuel sources, and the presence of ideal hydropower sites, these provisions in the bill will serve a particular need to promote the development of new hydropower in our State.

While these procedural changes to the FPA will benefit hydropower development and ratepayers in Alaska, the current energy debate in Washington, DC offers a unique opportunity to address a significant substantive issue: Federal land management agencies' authority under FPA section 4(e) to impose license conditions which FERC is legally bound to accept. With over 60 percent of all lands in Alaska under federal ownership, section 4(e) authority—unless properly bounded—presents a significant obstacle to common-sense, economic decision making in the licensing process. With approximately 13 projects currently being investigated or proposed in Alaska, and another 10 Alaska projects needing FERC relicensing over the next 15 years (representing over 20 percent of all FERC-licensed capacity in the State), we are very concerned that section 4(e) mandatory conditioning authority—if permitted to over reach—could threaten these existing and proposed resources, leaving us with few options to displace diesel and other costly fuel sources.

We urge you to continue to work with your colleagues in the Senate to address this critical issue. While we recognize that federal land management agencies must have sufficient authority to ensure that hydropower projects protect environmental resources affected by a hydropower project, license conditions also must recognize the significant public benefits provided by

hydropower and be commensurate with identified impacts. Section 4(e) should not be so broad as to allow agencies to impose conditions that have little or no relationship to the project, or are so costly that they threaten the viability of a needed source of renewable electricity for Alaskans.

Once again, we thank you for your hard work and leadership on this issue. We stand ready to help in any way needed to help strengthen the hydropower title in S. 2012 by including common-sense changes to FPA section 4(e) to help protect and expand hydropower resources in Alaska.

Sincerely,

Tim McLeod, General Manager
Alaska Electric Light & Power

Jodi Mitchell, CEO
Inside Passage Electric Cooperative

Bradley Evans, CEO
Chugach Electric Association, Inc.

Gary Hennigh, City Manager
City of King Cove

John Duhamel, CEO
Copper Valley Electric Cooperative

Trey Acteson, CEO
Southeast Alaska Power Agency

Clay Koplin, CEO
Cordova Electric Cooperative

Robert Veneables, Energy Coordinator
Southeast Conference

Cory Borgeson, CEO
Golden Valley Electric Association

Reese Huhta, General Manager
Unalakleet Valley Electric Cooperative

Brad Janorschke, General Manager
Homer Electric Association

Dan Winters, Director of Public Utilities
City of Unalaska

George Hornberger, General Manager
INN Electric Cooperative

cc: Sen. Maria Cantwell, Ranking Member, Committee on Energy and Natural Resources

Attachment #4 to CEO Report

SEAPA

Year-End 2015 Community Flyer



Pictured from left to right: Lew Williams, III (Ketchikan), Clay Hammer (Vice Chairman, Wrangell), Matt Olsen (Ketchikan), Judy Zenge (Secretary-Treasurer, Ketchikan), Andy Donato (Ketchikan), Joe Nelson (Petersburg), John Jensen (Chairman, Petersburg), Bill Rotecki (Ketchikan), and Steven Prysunka (Wrangell). Not pictured: Charles Freeman (Ketchikan).

2015 SEAPA Board of Directors

YEAR-END REVIEW: There are many reasons for the strength of our Agency, but most important is the leadership and oversight of our Board of Directors, who are generous with their time, experience, skills, and knowledge ensuring that SEAPA remains committed to its mission and guiding principles. Our thanks to SEAPA's 2015 Board of Directors for their service, and the following notable accomplishments in calendar year 2015:

1. The Board of Directors authorized a rebate of \$1,500,000 to our member utilities.
2. The Agency restructured \$4,770,000 of eligible debt resulting in savings of approximately \$750,000 over the remaining life of the bonds.
3. The Agency issued \$6,000,000 in new bonds to fully fund the Swan Lake Reservoir Expansion Project.
4. SEAPA successfully lobbied to amend Senate Bill 46 to allow the Agency to access the State Municipal Bond Bank. This will potentially save ratepayers millions of dollars in finance charges on future bond issuances.
5. The Federal Energy Regulatory Commission (FERC) issued SEAPA a non-capacity license amendment for the Swan Lake hydroelectric project, authorizing dam modifications to increase the height of the reservoir by fifteen

feet. This project will displace up to 800,000 gallons of diesel annually and should be completed in 2016.

6. A new reactor was purchased, installed, and commissioned in the Wrangell switchyard.
7. The roof was replaced on the Swan Lake powerhouse.
8. SEAPA completed preliminary design and modeling of a custom flashboard system for the Swan Lake spillway. A contract for final design and fabrication was issued.
9. Fifty helipads were installed along the Swan-Tyee Intertie, enhancing safe access for line maintenance and emergency repairs.

SEAPA BOARD MEMBER APPOINTMENTS FOR 2016:

The SEAPA Board of Directors is appointed by the mayors of our three member utility communities in Wrangell, Petersburg, and Ketchikan. Terms are one year, but Directors often serve multiple terms which helps maintain continuity in the Agency. One at-large seat typically rotates between the north and south, offering an opportunity to involve new folks that have an interest in serving. The Directors for 2016 are listed below, with officers to be appointed at the first regular meeting of the calendar year.

City & Borough of Wrangell:

Stephen Prysunka (Voting)
 Clay Hammer (Alternate)

Petersburg Borough:

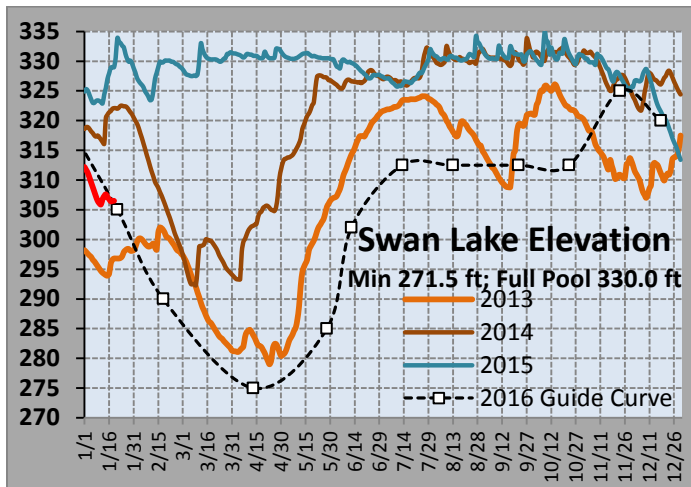
John Jensen (Voting)
 Cindi Lagoudakis (Alternate)
 Joe Nelson (Voting)
 Mark Jensen (Alternate)

City of Ketchikan:

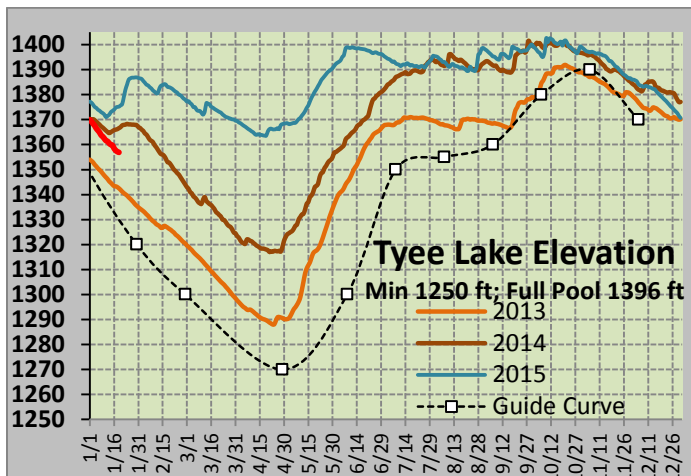
Lew Williams (Voting)
 Andy Donato (Alternate)
 Judy Zenge (Voting)
 Charles Freeman (Alternate)

RESERVOIR LEVELS: SEAPA reservoir levels are extremely volatile and highly weather dependent. Looking ahead, it is critically important that we do not spill at Swan Lake during May through October in 2016 while construction is occurring on the dam. Our goal is

to manage levels to the guide curve in the graph below to help ensure that significant rain events can be absorbed in the reservoir and through power generation.



The primary mechanism for controlling lake levels is to run the water through the turbines in the powerhouse, but they have physical limitations for throughput. Additionally, moving water through the turbines requires load demand from the member utilities. This creates a dichotomy in that when we need to generate more power, our member utility reservoirs will likely be high and they will want to use the power from their legacy projects first. The Power Sales Agreement (PSA) is structured so SEAPA's resources come behind legacy hydro projects in the resource stack. This provision in the PSA is very beneficial to our member utilities, but presents a challenge during the 2016 construction window.



SEAPA is diligently working to negotiate alternative arrangements and implement countermeasures to ensure safe lake levels for contractors. Water management will take priority over all other SEAPA planned outage work. Both units at Swan must remain available as well as transmission infrastructure to

maximize our ability to serve load (use water) during construction.

ENERGY LEGISLATION: There is movement on the federal level regarding two comprehensive pieces of energy legislation. H.R. 8, the North American Energy Security and Infrastructure Act, passed the House during the first week of December and has been handed to the Senate. U. S. Senate energy bill S. 2012, the Energy Policy Modernization Act co-sponsored by Senator Murkowski, passed the Senate and Natural Resources Committee back in July and is scheduled for the Senate floor at the end of January. There will likely be numerous amendments to S. 2012 and at some point it is anticipated that the two energy bills will be merged. Although nobody knows what the final bill will look like, they both currently contain provisions that may help support future renewable energy development in Southeast, Alaska.

At the State level, the Governor's proposed budget is sparse in terms of renewable energy development and emerging technology programmatic funding. This was fully expected due to the current budget woes, but we continue to encourage minimal funding of established State Energy Programs so they remain in place for future use.

TONGASS FOREST PLAN AMENDMENT: SEAPA has been advocating for stronger language supporting renewable energy development within the Tongass National Forest Land Management Plan Amendment. Our region will require additional energy development in the future to support economic growth and the transition away from fossil fuels. The existing regulatory framework is counterintuitive as it seeks to preserve the forest in its natural state, while simultaneously having a deleterious effect on the economic feasibility of renewable energy projects geared toward minimizing harmful fossil fuels. We support responsible development of renewables in the Tongass and encourage our member communities to submit comments prior to the February 22, 2016 deadline.

CONTACT US: SEAPA is headquartered in Ketchikan and maintains a "part-time" satellite office in Wrangell. We welcome visitors and look forward to sharing more about our role as your regional wholesale generation and transmission entity. We also invite you to visit our website, which is a great resource for further information.

www.seapahydro.org

Thank you for the opportunity to serve!

Date: February 2, 2016
To: Trey Acteson
From: Steve Henson, Operations Manager
Subject: Operations Update for February 11, 12 2016 Board Meeting
Purpose: To provide a status report on major operations activities.

MAJOR CONTRACTS and PROJECTS

RR232-13 Satellite Communications System

We have contracted with Futaris for material and support for SEAPA's Satellite Communications Upgrade Project at the Tyee Lake Plant. Quotes have been solicited from local contractors for the installation of the platform. The Tyee and brushing crew have installed the underground conduit from the plant out to the Dish site.



Satellite Dish Platform

Wrangell Switchyard Circuit Switcher

The Replacement of a manual gang switch on the transmission spur line that feeds the Wrangell substation with a circuit switcher is complete. This allows the spur line to be isolated by remote control from Tyee.

RR263-16 CT's and Relay for Wrangell Switchyard Circuit Switcher is the next phase of the project, which is the engineering, procurement, and installation of CT's on the spur line so that this section can be protected and sectionalized by relay action in the event of a line fault.



CS-T36 New Circuit Switcher

RR231-13 Swan-Tyee Intertie Helipads

The helipads manufactured by Touchdown have been received and are in storage at Ward Cove. Installation has begun by Bam LLC's construction company. A total of 50 helipads were installed in 2015.



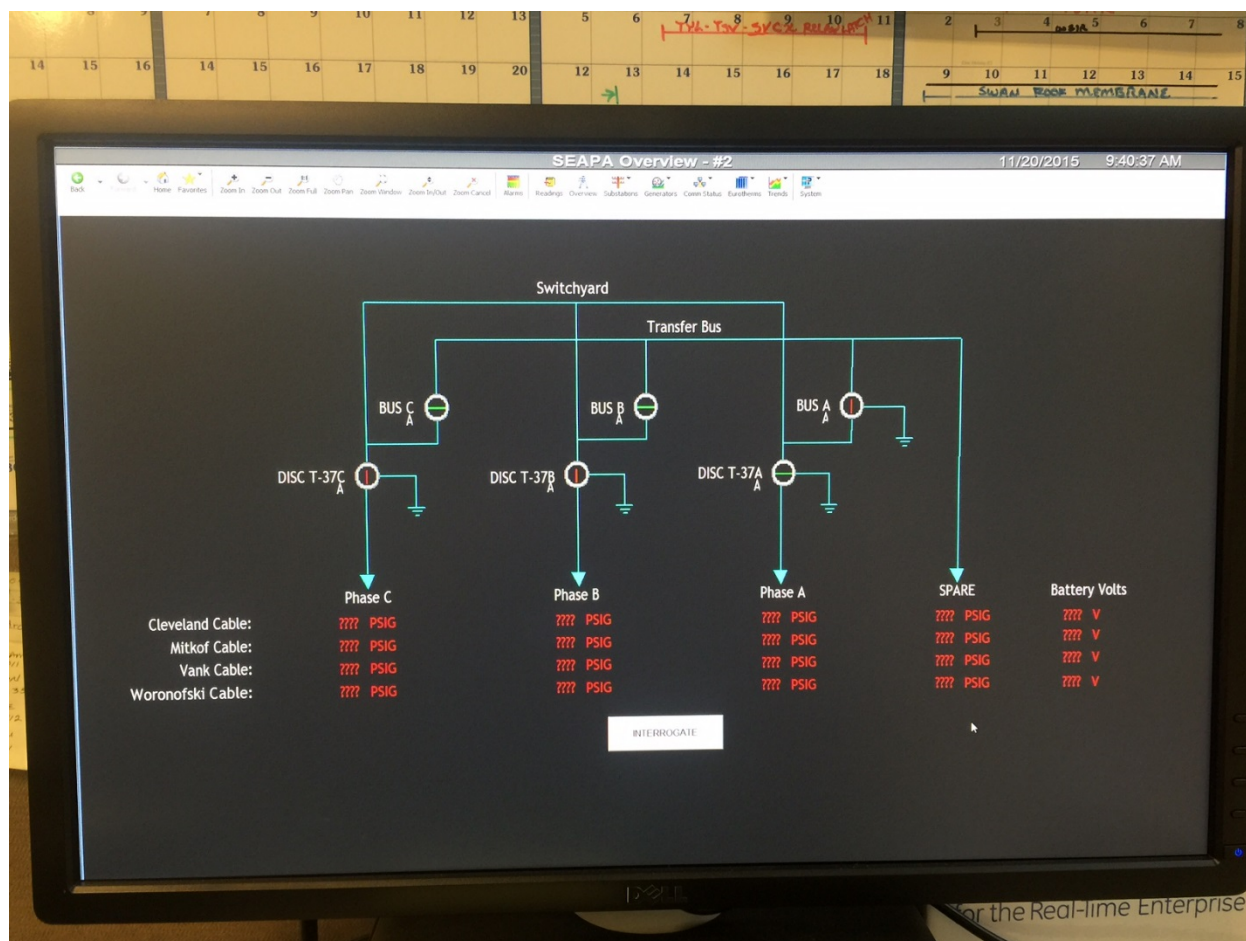
New Helipad at Tower 97 on the Intertie

RR249-14 Marine Terminal Gage Replacement and Communication Upgrade

An assessment of the undersea cables and the marine terminals was done by Poseidon 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.

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.

The new pressure gages, pressure transducers, and all materials have been received. Installation will most likely begin in the spring unless we have breaks in the weather this winter.



SCADA Screen for Pressure Sensing

[Remainder of page intentionally left blank.]

RR269-16 Guy Thimble Replacement

The thimbles that were used on the Swan-Tyee Intertie are not adequate to properly cradle the preform guy connectors. The result is that the preforms are laying across sharp edges on many of the towers. This R&R project will replace these components over a period of five years.



Guy Thimble

RR270-16 Damper Replacement on Tyee Line

Dampers are used to alleviate vibration on the transmission line. The original ones were installed in 1982 and are failing. This project will replace them over the next few years as climbing inspections are performed on the towers.



Photo of dampers on transmission line

[Remainder of page intentionally left blank.]

RR267-16 Roof and Siding on Tyee Crew Housing

20-plus years of harsh weather have taken its toll on the crew housing at Tyee. New roofs on four houses and siding on three will help get a few more years out of them.



ATV Use on the Tyee Transmission System

Meridian Environmental 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.

Comments from agencies were received by the USFS and the draft Environmental Assessment (EA) was completed by Meridian, which includes resolution of the comments. The draft EA was submitted December 18, 2015 to the Joint Review Team of the USFS for final approval. Upon acceptance of the draft by the USFS review committee, Meridian will publish the EA for public comment. After 45 days, the amendment to the permit can be finalized and next season we will be able to use the Argo.

Operator Training

SEAPA will be sending one operator from Tyee to Golden, Colorado for the WAPA Plant Operator training in February 2016. We will also be sending personnel to Infrared camera training next spring. We have joined the RedVector.com, LLC group which will give us online access to over 900 courses in safety and craft skills training.

Safety training for substation entry and maintenance is scheduled for February 9 at the Tyee Plant.

MAPCON; Planned Maintenance Program

The new Mapcon update has been completed and the system is on line.

Sponsorship of U.S. Forest Service Cabins

Staff is waiting on the USFS to vet the volunteer agreement for sponsorship of USFS cabins.

Tyee Lake Report

- ❖ Refurbishment of the turbine shutoff valve hydraulic controls for unit one are in progress.
- ❖ Cooling water revisions are underway.
- ❖ Rebuild of brushing head for the excavator is taking place.
- ❖ Lighting in the Powerhouse and Switchyard is being replaced.
- ❖ The Plant Library was moved to the old kitchen area to make room for satellite gear.
- ❖ Conduit is being installed for fiber and power for the satellite system.

Swan Lake Report

- ❖ Completed eradication process of "Rare and Invasive Plant Survey"
- ❖ Installation of LED wall packs underway
- ❖ Piping installation complete for the new bearing coolers (commissioning April 3, 4, and 5, 2016)
- ❖ Units 1 & 2 collector rings stoned, dressed, and brushes changed
- ❖ Emergency shelter to be placed in February
- ❖ Gazebo roof repaired

KPU's Report is attached for additional information and photographs on Swan Lake activities.

Annual Maintenance

Request for Proposals will be published in February for the annual May/June maintenance outages. We are going to plan for our normal annual shutdown with the caveat that depending on Swan Lake level and the need for load from the north we may defer part or all of the maintenance until a later date.

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

Attachment:

KPU Swan Lake Report (February 2016)



KETCHIKAN PUBLIC UTILITIES

Swan Lake Project Report

Andy Donato, Electric Division Manager | Feb 2016

SAFETY | ENVIRONMENTAL | SECURITY

- Log Boom remains out-of-service (pieces in the plunge pool)
- Completed eradication process of the "Rare & Invasive Plant Survey"
- Aerial Operator (man lift) book training in now complete for 4 of 4 Crew
- Waiting for onsite training or real-time training on man lift
- KPU IT and radio support came to remedy control room issues, Nov. 23rd.

OUTAGES | UNIT CONSTRAINTS | RESERVOIR LEVEL

- Forced outage of Unit #2, Swan-Bailey Transmission line break by structure 138, tree in the line, Jan 26, 2016. Repaired later that day
- Reservoir level: 316.8 on Feb. 1, 2016

MAINTENANCE (REGULAR)

- For new bearing coolers: piping installation complete, awaiting final cut-in and commissioning. Scheduled with Contractor April 3, 4, 5, 2016
- Both Unit #1 and Unit #2 collector rings were stoned, dressed and brushes changed
- Mapcon's new application is installed, work orders are being processed
- Barge delivery of Jan. 6, 2016 brought 1000 gal of gasoline, 2000 gal diesel.
- All roofing scrap, and metal container made it out.
- Gazebo roof repaired, fireplace pending
- Emergency Shelter scheduled to be moved into place February
- Another set of LED wall pack to be mounted on the storage building and gate house
- Identified for future:
 - Substation support structure repairs
 - Transformer gauge replacement
 - Substation gang switch service & position labels

COMPLIANCE

- R&M Dam deflection survey completed December 2015,
- Seepage survey completed February 2, 2016
- Pin inspections remain until level drops to 308 to 310 ft.

- Annual inspection from Brian of Yukon Fire, scheduled for February 2016
- FERC required EAP Table Top exercise scheduled tentatively March 29, 2016

Attachments/Images



Control panel for Bearing Cooler project



More piping for Bearing Cooler project



Date: February 3, 2016
To: Trey Acteson, Chief Executive Officer
From: Eric Wolfe, P.E., Director of Special Projects

Load Forecasting

There has been a lot of interesting e-mail buzz between the municipal utilities of Juneau, Sitka, and Ketchikan regarding load trends, and the fact that load growth has been flat, which if you are a municipal utility may mean adjustment of budget. That short-term concern would be minor compared to the impacts of flat load growth had SEAPA just bonded a large hydro expansion. This is another reason why SEAPA is conducting a careful appraisal of our municipal members' future load demands. In recent past board meetings we discussed the benefits of a short-term load forecasting effort (better use of hydro capacity, more efficient maintenance planning, and better warning of impending hydro capacity short-ages due to cold weather). At this Board meeting we'll discuss long-term benefits, and some of D.Hittle's findings; we'll also set the stage for a presentation at our April board meeting. Shown in Figure 1, above, is the recent past and projected future total annual energy demand for the three communities. Shown in Figure 2 are recent generation statistics for the southern half of the SEAPA system. We'll use these figures to discuss future expansion timing, short-term SEAPA revenue

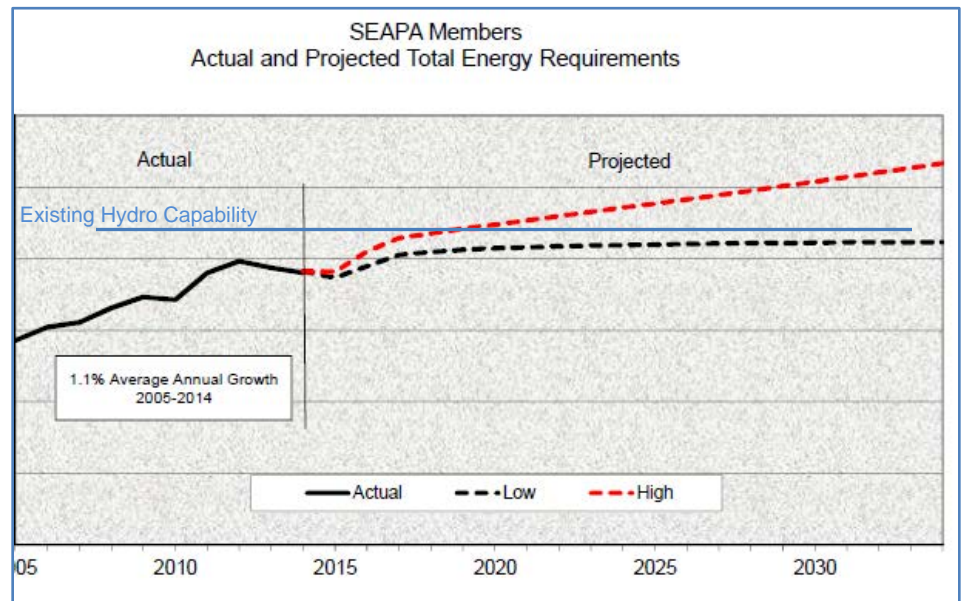


Figure 1 - Actual load and simplified projections for high and low load growth cases for the communities of Wrangell, Petersburg, and Ketchikan.

Calendar Year	KPU Hydro MWh	KPU Diesel MWh	Swan Lake Gen (MWh)	Swan Lake spill (ac-ft)	KPU Load MWh	Annual KPU Load Growth
2010	75,839	1,550	74,345	33,530	169,036	-0.7%
2011	82,413	4,609	67,874	84,555	175,915	4.1%
2012	85,646	2,277	81,667	43,070	181,932	3.4%
2013	74,715	12,213	70,583	0	178,260	-2.0%
2014	86,755	1,766	67,335	88,904	176,444	-1.0%
2015	91,619	1,024	57,446	201,967	174,919	-0.9%
Avg.	78,947	7,673	73,622	62,118	166,015	0.38%
Min.	65,083	866	57,446	0	152,469	-8.67%
Max.	91,619	33,181	81,667	201,967	181,932	4.16%

Figure 2 - Recent generation statistic for the southern half of the SEAPA system. Average, minimum, and maximum values are based on the last 20 years.

projections, and the extent of excess hydro resources (as demonstrated by spilled water) for the next few years.

Alarm-Controls-Protection (ACP)

For those new to SEAPA, this project is about doing things better in both the delivery and the water use areas of hydro production. We are making changes to the components that make up our alarm, control, and protection system. Protection devices are computers, electro-mechanical relays, digital relays, and the logic behind those relay settings that automatically reduce generation levels or shut-down generating units to prevent a potentially damaging situation. Our engineering review of the system emphasizes efficiency and reliability. Completion of this project scheduled for the end of FY16 requires the following tasks at Tyee and Swan: rewiring protective circuits, installation of new and replacement thermo-protective devices for oil reservoirs and bearings, modification of cooling water systems, and integration of these changes into the control system.

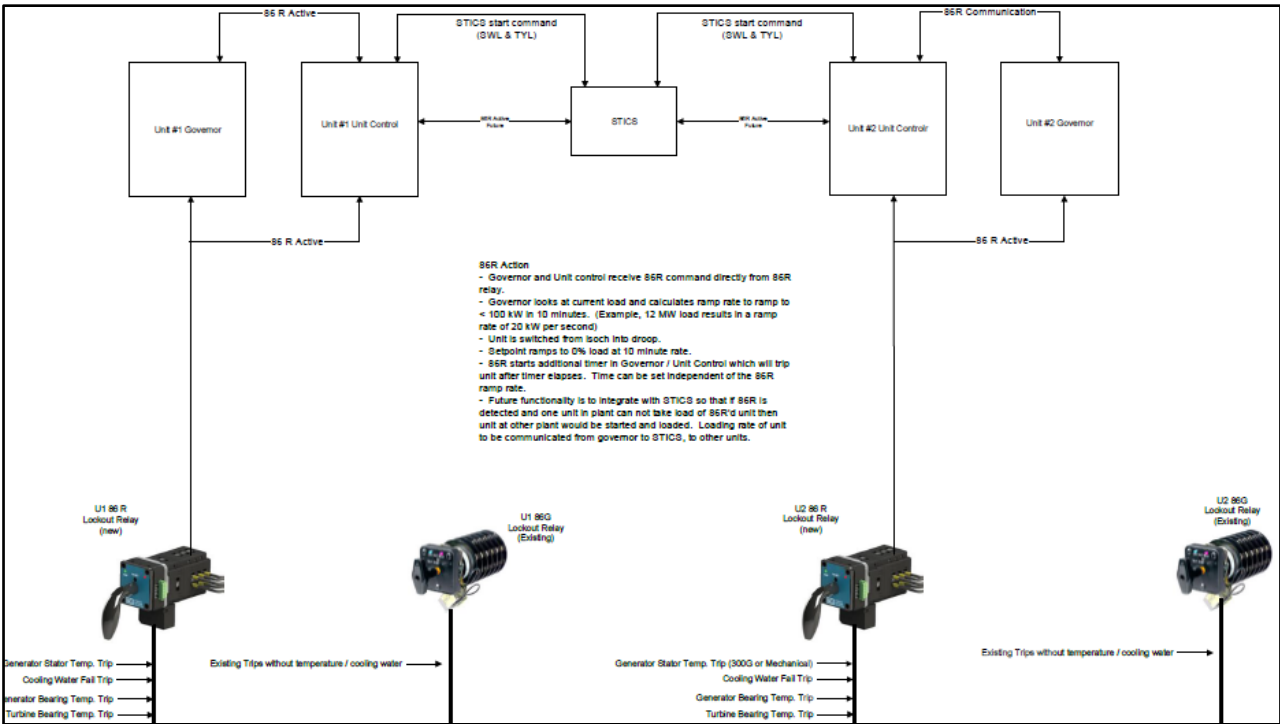
The plant crews have been utilized for wiring and piping instead of outside contractors to facilitate learning the new systems and to develop the capability to maintain the new systems. Over the last 3 months we concentrated on two main areas: 1) Tyee CW controls (please refer to the last board packet for details) and 2) SCADA (control system integration). This March, our design and implementation contractor, Segrity LLC, will be at Tyee to finish control wiring and protection changes, and in mid-April, we plan to start wiring changes at Swan Lake.



Chris Barnett and Randy Rasler finishing Tyee cooling water modifications

Control Wiring and Protection Changes

To improve system reliability we are separating mechanically (level, temperature, vibration) driven protection from the 86G relay and installing a new 86R relay. The 86R relay will slowly change generation to protect the machine *and* limit sudden, over thresh-hold electrical events to the 86G. The



86G relay causes disturbances across our three-city control area that result from opening unit and line breakers under load. Shown on the previous page is a logic schematic to separate the electrical 86 relay from the mechanical 86R (Ramp) relay.

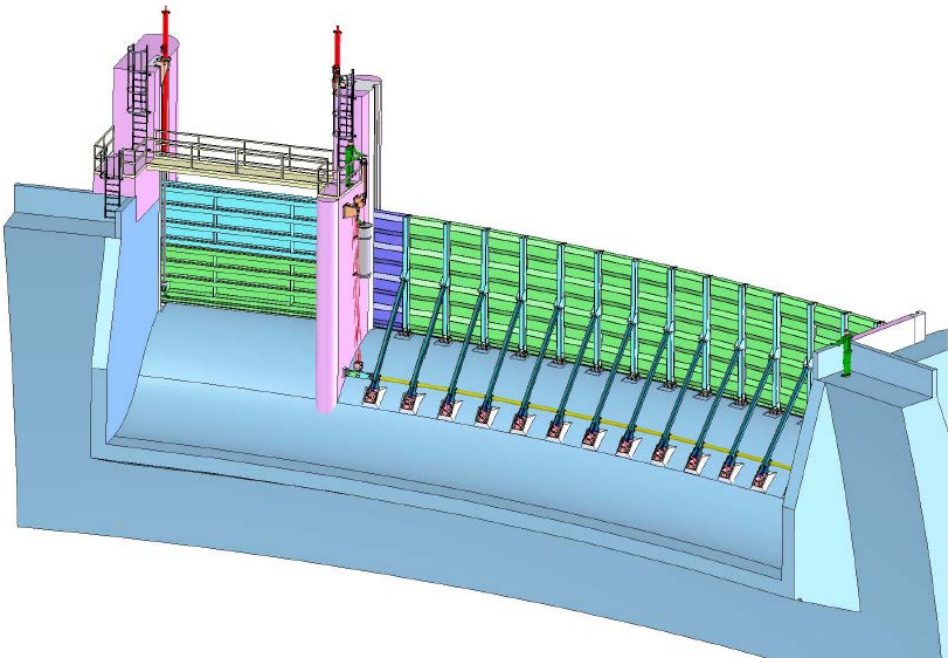
Swan Lake Reservoir Expansion

Swan Lake Expansion - Project Benefit and Cost

Between 6,000 and 12,000 MWh of annual energy benefitting the entire system from a 25% increase in active storage; an annual average 7,500 MWh of weather-independent, dispatchable energy will offset ½ million gallons of diesel fuel annually. A revenue neutral (no rate increase) \$10 million expansion project of which \$3.98M will be grant funded. This project is a non-capacity amendment with little-to-no environmental impact.



Three perspectives of the Swan Lake Dam and spillway as it appears today.



This is a drawing of the Swan Lake Dam spillway after completion (looking at the Swan Lake spillway from downstream with flashboards and vertical gate installed). The spillway is 105 ft across at the crest, and 14 feet deep. The new water path will be 23 ft by 17.5 ft for the vertical gate, and 78 ft x 17.5 ft for the flashboard opening. The vertical gate is a permanent structure, the flashboards collapse by design to protect the dam on extremely large flood events.

Swan Lake Expansion-Continued

Contract 1: Civil, mechanical, electrical engineering design, with potential for construction engineering. A contract was signed with McMillen/Jacobs in June 2015. A new task order is requested under New Business for construction engineering.

Contract 2: Flashboard system fabrication comprised of 78 lineal feet of flashboards, 17 vertical feet tall, and includes the trigger mechanisms. A contract was signed with Kuenz America, Inc. of Graz, Austria, November 2015. The flashboards are due for delivery by July 31, 2016.

Contract 3: Design, fabrication, and option to install 40,000 lb. vertical gate, 23 ft wide. The contract was awarded to Kuenz America, Inc. in January 2016. The vertical gate, shipped in halves, is due for delivery by July 31, 2016.

Contract 4: Civil construction. The Request for Bids was issued to the public on February 1, 2016 with an award date scheduled for mid-March 2016. Construction and assembly of the gates and flashboards is to be complete by the end of September, commissioning to be complete by end of October, and project close-out by the end of December 2016.

A brief synopsis:

- Permitting efforts, led by Ed Schofield, and supported by Kleinschmidt's Finlay Anderson, are ongoing; we continue with Tongass National Forest (TNF) special use permit discussions; we discussed with the Department of Natural Resources (DNR) our logging options (or lack thereof), and have obtained our construction permits. We will submit final design documents to FERC and the TNF by March 1. The review should take less than 90 days. Construction cannot start without TNF and FERC approval of the final design. As Trey reported, we have solicited help from our congressional delegation to fix a 30-year surveying error to finish conveying the land around the reservoir to the Alaska Dept. of Natural Resources.
- Last November, we met with the Kuenz design team to organize the design process and finalized scope, schedule, and payment terms for the flashboard system. We have since reviewed preliminary drawings, established embedded metal design and supply responsibilities, and now await Kuenz design calculation submittals necessary as part of our review process. As you may recall, Kuenz, a fabricator of the flashboard system, is to implement mechanical details from the ¼ scale model results. We have also specified a four-panel fit test and a full scale trigger test as part of the fabrication scope which will help ensure the Board of Consultants (BOC) and Federal Energy Regulatory Commission (FERC) grant approval of the 100% design.
- We awarded the Fixed Wheel Gate (Vertical Gate) contract to Kuenz at the beginning of the year. Design and delivery of the embedded metals, critical to schedule are part of the Kuenz scope of supply. Materials for the major gate and flashboard components have been ordered. A video/teleconference is held every two weeks that includes SEAPA, McMillen (civil design engineer), and our independent reviewer, Glenn Brewer, and Kuenz. To date both sides (Kuenz and SEAPA) have compromised on design issues and we are happy to report that the language and time zone differences have not been detrimental.
- We also meet weekly/bi-weekly depending on our schedules with our construction and project designer, McMillen/Jacobs. SEAPA received McMillen's drawings and specifications in late January to include in the civil construction bid solicitation. Although we were a month late in issuing the bid package, we

believe the schedule for substantial completion (gates in place) by the end of September can still be met.

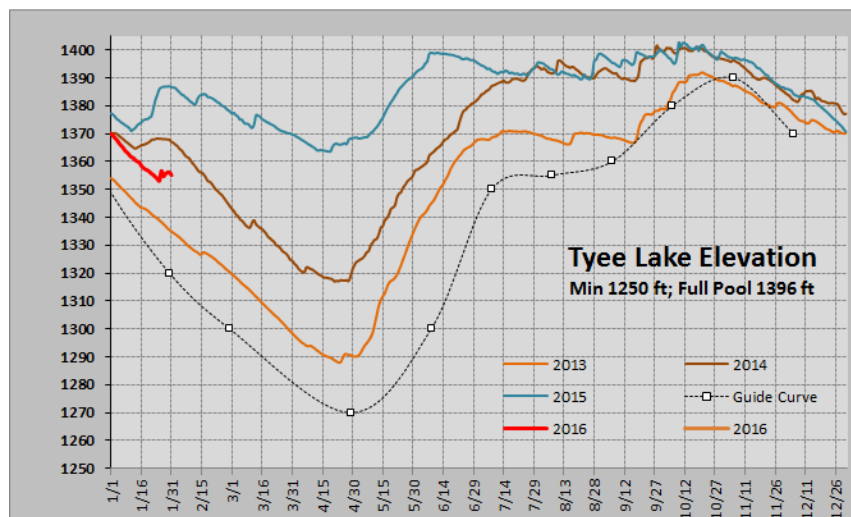
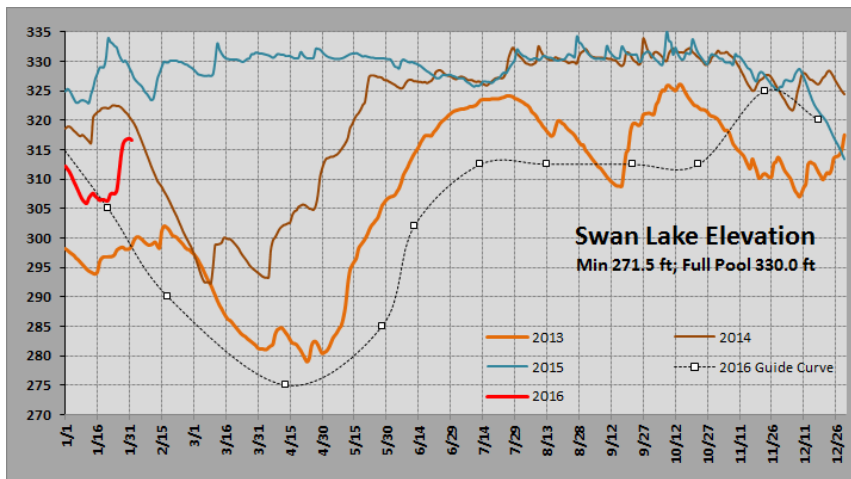
- The construction schedule and next year's water management plan are tied at the hip since we will be modifying the spillway. We cannot spill through the spillway during construction. This means all inflows and available storage will be used to pass or hold large inflow events. At our December Board meeting we requested and were granted a two-part operations plan to prevent spill at Swan Lake during construction. Work in the spillway is now scheduled from mid-June through September.

Water Management Update

As last reported: Usually our strategy is to retain as much storage as possible at Swan Lake to ensure we can meet winter loads without relying on diesel generation. This year after about mid-January, we plan to draft Swan Lake if we have not already done so, as part of the construction project.

As you can see both reservoirs are significantly above our maximum draft levels of this year's Operations Plan. We expect Tye to continue this trend, but we will begin drafting Swan Lake soon in anticipation of the construction project. The storm of January 26 added significant water to Swan Lake and also signaled a change in weather pattern from colder/drier to warmer/wetter; look for us to start drafting Swan Lake soon. There are three reasons we have not been in a hurry to do that:

- 1) Winter could return and we would use the water anyway to serve higher loads in light of lower municipal hydro generation;
- 2) We have recently planned two, consecutive one-unit outages at Tye to support our Alarm-Control-Protection Project and thus will need to operate Swan at high levels; and,
- 3) There is limited snowpack above Swan Lake; we know how much water we need to release and therefore can wait a little longer.



Date: February 1, 2016
To: Trey Acteson, CEO
From: Ed Schofield, Power System Specialist
Subject: Power System Specialist Report | February 11-12, 2016 Board Meeting

Swan Lake Powerhouse Roof

The Swan Lake Powerhouse Roof Replacement Project was completed in late September 2016. During the last SEAPA Board meeting, it was reported that a small leak (up to a dozen drops per day) had occurred in the Powerhouse. We reported that the source of that leak was being investigated and would be resolved under warranty by CBC, the roof project contractor. After extensive investigation, the point of water intrusion was identified and we are pleased to report that it is not a deficiency in the new roofing system. The point of water intrusion is the outer surface of the West parapet wall of the Powerhouse. The parapet wall is a casted-in-place non-structural part of the Powerhouse design, and due to improperly placed concrete, along with years of moss growth, small voids in the casted wall surface occurred. At the time of original construction, the voids were most likely grouted or were not visible due to a thin layer of fine concrete that forms along the casting forms. The voids have been caulked and all the parapet walls will be coated this coming summer with a product called Blocker Filler designed to make exterior cinder block walls water resistant.



West parapet wall of
Powerhouse



Close-up of Moss growth on South
parapet wall



Parapet wall after moss removal

Swan Lake Exciter & Switchgear Replacement

The Basler exciter equipment has been delivered to Swan Lake and is in storage in the Powerhouse. The GE switchgear is scheduled to ship from the manufacturer the third week of March 2016 and will be on site the first week of April. The actual equipment installation dates will be dictated by Swan Lake elevations and the progress of the Swan Lake Reservoir Expansion Project (after spill prevention is no longer needed). A Request for Proposals and the final engineering design work for installation of equipment are currently under development.



Switchgear and Exciter Cabinet Gallery in Swan Lake Powerhouse

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Swan Lake License Amendment Conditions

FERC issued an amendment order to Swan Lake License No. P-2911 on August 18, 2015 for implementation of the Swan Lake Reservoir Expansion Project. The order has conditions attached that SEAPA, as the licensee, must perform. To date, SEAPA has addressed, or is in the process of addressing, the following license conditions:

<u>Completed License Conditions</u>	<u>Pending License Conditions</u>
1. Allow for the Forest Service conditions following issuance of a biological opinion or water quality certificate	1. Forest Service approval of final design
2. Compliance with applicable federal, state, and local laws	2. Forest Service approval of changes after initial construction
3. SEAPA self-insure itself and indemnify the US for any acts related to the licensee's use of Federal lands	3. Forest Service Special Use Authorization
4. Preparation of an Invasive Plant Management Plan	4. Comply with revised conditions of the Forest Service Special Use Authorization Permit
5. Restricted the use of pesticides and herbicides on Forest Service lands	5. Annual consultation with the Forest Service re protection of Forest Service lands
6. Avoided disturbing or replacing any survey monuments, private property corners, or National Forest Boundary markers	6. Restore and guarantee that any future transfer could restore Forest Service lands in a FERC license surrender
7. Obtained FERC approval of a Rare Plant Management Plan	7. Timber cruise of Forest Service lands to be inundated by the Swan Lake Reservoir Expansion Project
8. Completed a timber cruise of Alaska State Department of Natural Resources lands to be inundated by the Swan Lake Reservoir Expansion Project	

Swan Lake Lower Turbine Guide Bearing Coolers

The Swan Lake Lower Turbine Guide Bearing Skid Mount Remote Cooler Installation Project is under way and progressing well. The cooler skids were delivered to Swan Lake on January 6, 2016 and installation work started on January 7. The Swan Lake staff is installing the cooler skids, and commissioning will be completed by an Electric Power Systems engineer, SEAPA, and Swan Lake staff. The commissioning date is scheduled for March 30–31, 2016.



**Turbine Guide Bearing Skid Mounted Cooler
Swan Lake Unit 1**



**Turbine Guide Bearing Skid Mounted Cooler
Swan Lake Unit 2**

FERC License Commitments

An Emergency Action Plan (EAP) Table Top Exercise is scheduled for March 29 at SEAPA's Ketchikan office located at 1900 First Avenue, Suite 318, from 9:00 am to 12:00 noon. All EAP plan holders are invited to participate in the table top exercise. The exercise is intended to bring awareness of potential Swan Lake facility safety hazards and planned response to potential hazard and risks to facility personnel and visitors.

The Table Top Exercise will consist of a power point presentation and a group discussion of a simulated emergency situation.

Tyee Plant Facility Review

The Bureau of Reclamation will conduct a Power Review of Operations and Maintenance (PRO&M) at SEAPA's Tyee Plant during the week of March 7th. The PRO&M team consists of four specialized engineers whose sole job is to perform facility reviews. They perform at least 53 reviews annually for the Bureau of Reclamations. They will perform a comprehensive facility review of SCADA, structural integrity, maintenance practice, system operations, management practices, training programs, hazards assessments, safety general practices, identify systemic issues (issues inherent to the system), asset management practice, and mission and goals. The goal of this exercise is to enhance efficiencies, increase power plant reliability, and reduce generator forced outages. This facility review exercise can be thought of as being similar to a personal annual preventative doctor's checkup - you hope they find nothing critical wrong, and assist in setting positive guidance to preventative measures.



Southeast Alaska Power Agency CEO Financial Cover Letter

DATE: February 4, 2016
TO: SEAPA Board of Directors
FROM: Trey Acteson, CEO

SEAPA's financial position is solid, with no major unforeseen events occurring year-to-date. The financial statements in your Board packets include November and December 2015.

REVENUE & EXPENSES: The FY16 budget is tracking well. Power sales through December are \$5,767,028 actual vs. \$6,099,599 budget. Factoring in displaced sales of \$338,152 from Whitman operation, we are slightly above budget for overall revenues. Total administrative and operating expenses through December are \$2,846,006 actual vs. \$3,398,403 budget, approximately 16% below budget. This is primarily attributed to lower spending in electrical maintenance, hydro power station maintenance, transmission/maintenance of overhead lines, contract services, regulatory, and general expense. One area of budget exceedance is control system maintenance, for which GE software licensing was under budgeted. Many of these areas tend to fluctuate as work is conducted throughout the year.

GRANTS: Expenditures for the Kake-Petersburg Intertie Project have been minimal over the last three quarters as we await external agency reviews leading up to release of the Record of Decision (ROD). IPEC and AEA are requesting a meeting once the ROD is issued to determine if remaining grant funds should be utilized for their intended purpose of completing design engineering, to advance the project to shovel ready status. SEAPA has agreed through an MOU to complete the engineering and remaining grant dollars should be sufficient to finish this effort. From a long-term perspective, the project would be best positioned for success if it is ready on the shelf when funding opportunities emerge. Stopping the project prematurely upon completion of the ROD will be detrimental to any future funding efforts.

Swan Lake Expansion Project grant dollars are flowing and will be expended in the early stages of construction.

RENEWAL & REPLACEMENT PROJECTS: R&R project expenditures through the end of December 2015 were \$3,396,059 (excluding SWL Reservoir Expansion). Controlling lake levels to avoid spill during Swan Lake Reservoir Expansion construction will take priority over planned R&R's. Depending on reservoir levels, this may result in deferring some budgeted work into FY17.



SOUTHEAST ALASKA POWER AGENCY

Controller's Report

Kay Key

DECEMBER and NOVEMBER, 2015

Date: January 28, 2016
To: Trey Acteson, CEO
From: Kay Key
Subject: Financial Statements for the February 11-12, 2016 Board Meeting

SUGGESTED MOTION

I move to approve financial statements for the months of
December and November 2015.

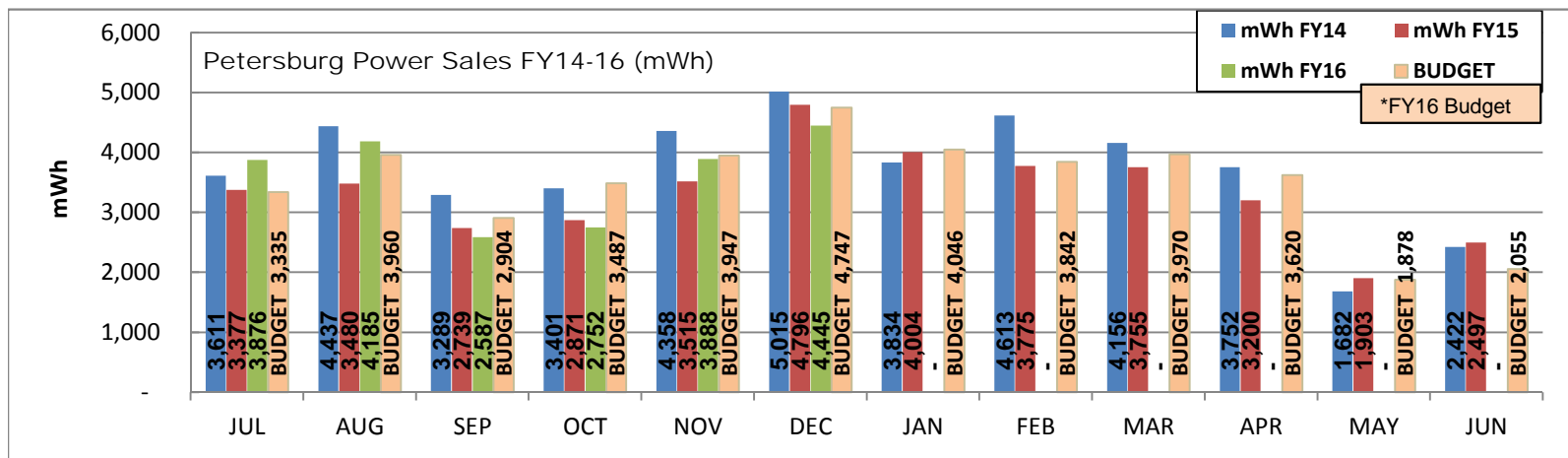
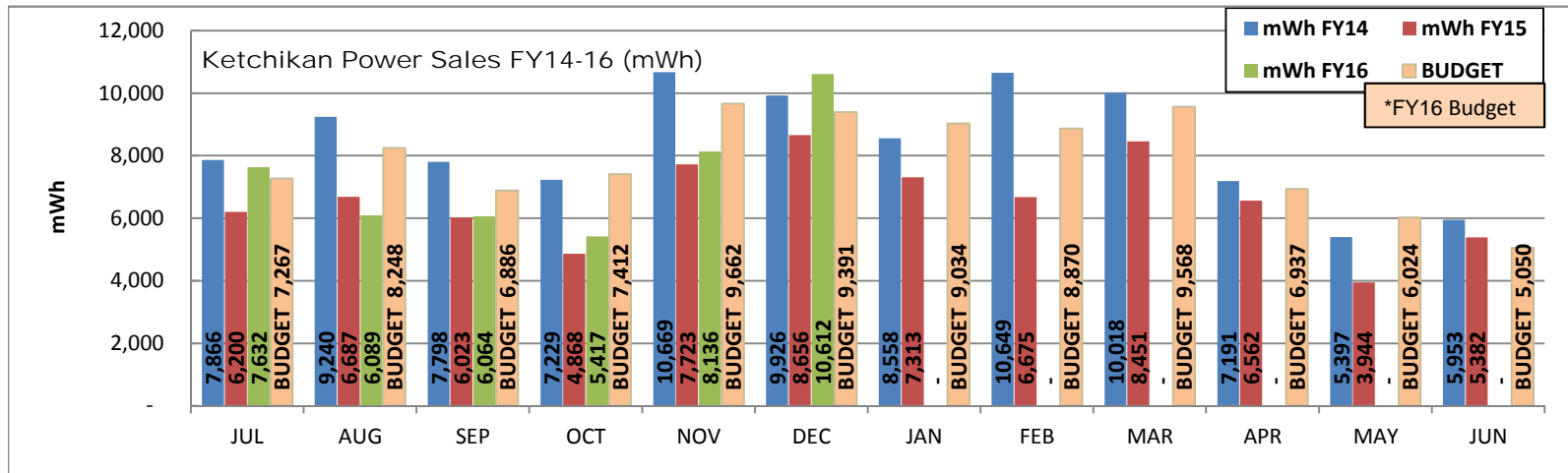
The following FY2016 financial reports are included in this board packet:

- **kWh Graph** (through December, 2015)
- **Grant Summary**
- **Monthly Financial Statements for December and November, 2015:**
 - ✓ 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 Projects: Summary, Detail and Closed Projects**
- **Disbursement Approval for December, 2015 and January, 2016**

A separate Suggested Motion for approval of disbursements appears on the first page of the list of disbursements.

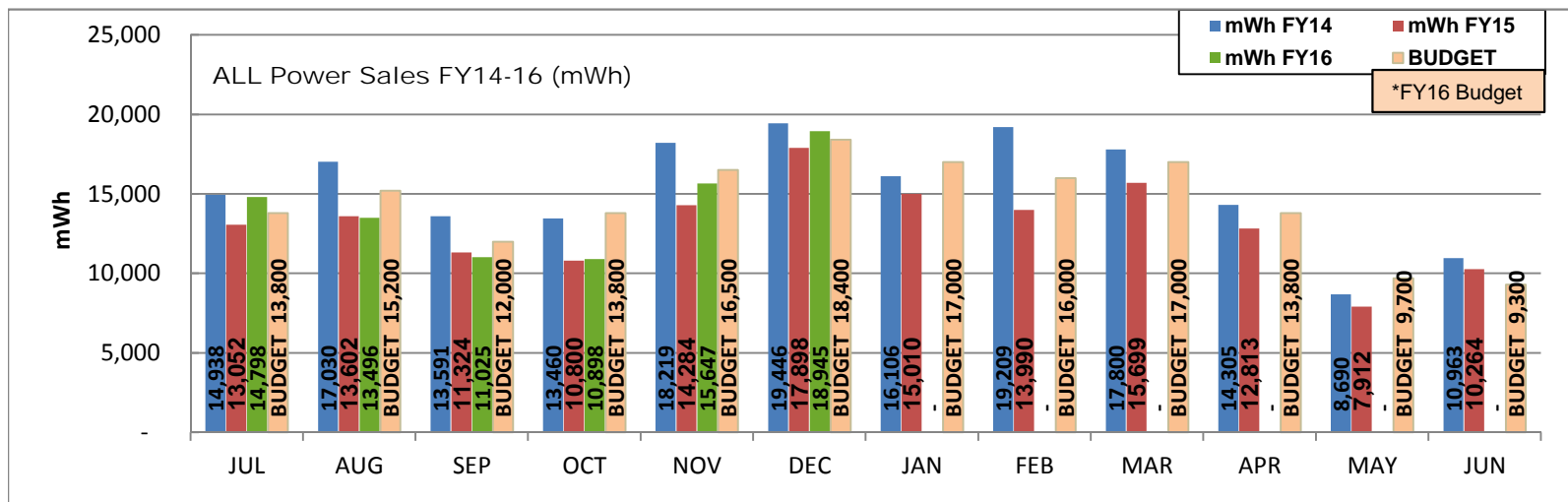
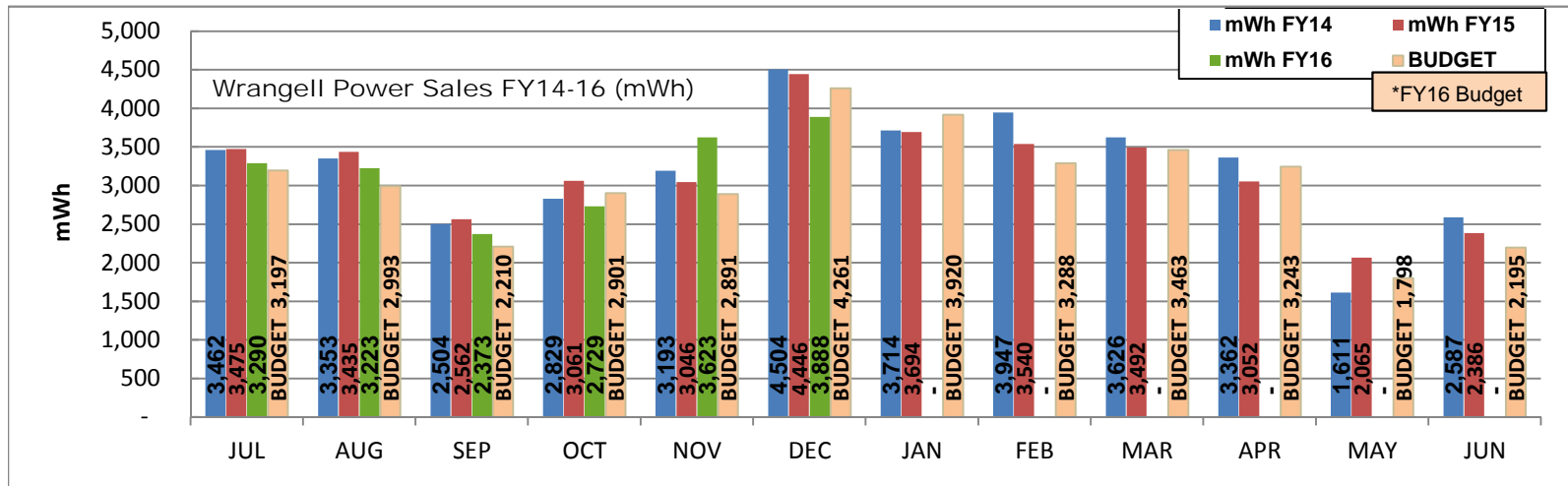
SOUTHEAST ALASKA POWER AGENCY
Power Sales - FY14 through FY16

DEC 2015	FY16 kWh Hydropower Sales	Current Month		Year-To-Date	
		Actual	Budget	Actual	Budget
	Ketchikan Power Purchases	10,612,064	9,391,360	43,950,072	48,865,940
	Petersburg Power Purchases	4,444,939	4,747,200	21,732,598	22,380,320
	Wrangell Power Purchases	3,888,470	4,261,440	19,126,560	18,453,740
	Total Power Purchases	18,945,473	18,400,000	84,809,230	89,700,000



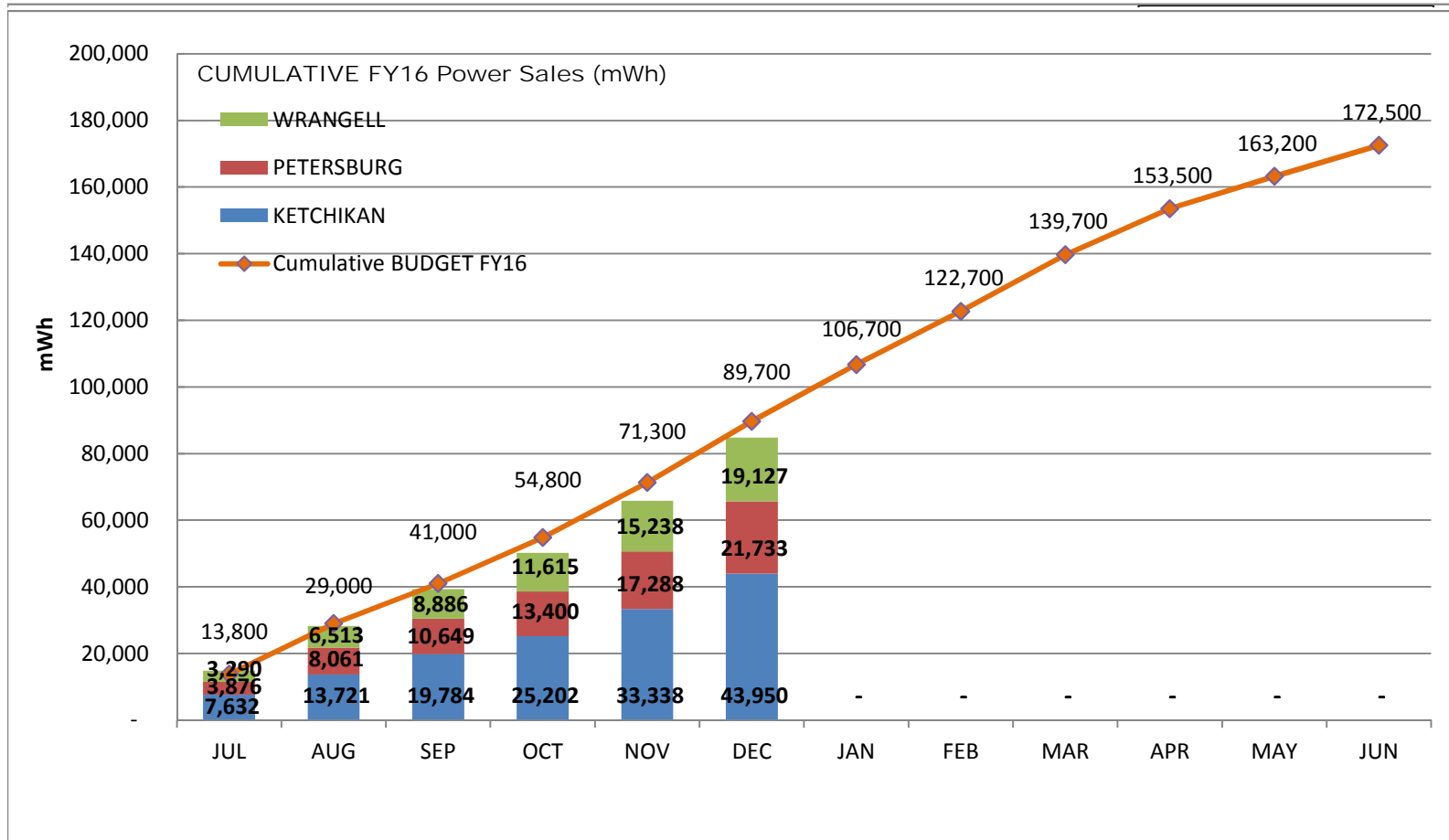
SOUTHEAST ALASKA POWER AGENCY
Power Sales - FY14 through FY16

DEC 2015	FY16 kWh Hydropower Sales	Current Month		Year-To-Date	
		Actual	Budget	Actual	Budget
	Ketchikan Power Purchases	10,612,064	9,391,360	43,950,072	48,865,940
	Petersburg Power Purchases	4,444,939	4,747,200	21,732,598	22,380,320
	Wrangell Power Purchases	3,888,470	4,261,440	19,126,560	18,453,740
	Total Power Purchases	18,945,473	18,400,000	84,809,230	89,700,000



SOUTHEAST ALASKA POWER AGENCY
Power Sales - FY14 through FY16

DEC 2015	FY16 kWh Hydropower Sales	Current Month		Year-To-Date	
		Actual	Budget	Actual	Budget
	Ketchikan Power Purchases	10,612,064	9,391,360	43,950,072	48,865,940
	Petersburg Power Purchases	4,444,939	4,747,200	21,732,598	22,380,320
	Wrangell Power Purchases	3,888,470	4,261,440	19,126,560	18,453,740
	Total Power Purchases	18,945,473	18,400,000	84,809,230	89,700,000



SOUTHEAST ALASKA POWER AGENCY
FY16 GRANT SUMMARY
as of DECEMBER 31, 2015

*FY13 Alaska Energy Authority Kake-Petersburg Intertie Grant #1			
	Grant Award	Expenditures	Balance
1 - Project Mgmt	320,000	205,373	114,627
2 - EIS	1,030,000	1,022,482	7,518
3 - Engineering / Design	1,613,298	172,562	1,440,736
5 - SE Conference	26,702	26,702	(0)
TOTAL	2,990,000	1,427,119	1,562,881

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

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

FY13 Alaska Dept. of Commerce, Community & Economic Development			
	Grant Award	Expenditures	Balance
1 - Hydro Storage	578,000	578,000	0
2 - G&T Site Evaluation	1,705,000	1,268,521	436,479
3 - Stability / Interconnectivity	146,000	0	146,000
4 - Load Balance Model	112,000	98	111,902
5 - Project Mgmt	309,000	253,912	55,088
6 - Business Analysis / PSA	150,000	48,015	101,985
TOTAL	3,000,000	2,148,546	851,454

FY15 Alaska Dept. of Commerce, Community & Economic Development			
	Grant Award	Expenditures	Balance
Swan Lake Reservoir Expansion			
TOTAL	3,320,000	519,560	2,800,440

TOTAL ALL GRANTS	11,310,000	4,095,225	7,214,775
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DECEMBER 2015 Financial Overview

DECEMBER, 2015 revenues from kWh sales were slightly over budget:
\$1,288,292 actual vs. \$1,251,200 budget.

- Ketchikan - \$721,620 actual vs. \$638,612 budget
- Petersburg - \$302,256 actual vs. \$322,810 budget
- Wrangell - \$264,416 actual vs. \$289,778 budget

Year-to-date (JULY – DECEMBER) revenues from firm kWh sales are below budget:
\$5,767,028 actual vs. \$6,099,599 budget.

- Ketchikan - \$2,988,605 actual vs. \$3,322,883 budget
- Petersburg - \$1,477,817 actual vs. \$1,521,862 budget
- Wrangell - \$1,300,606 actual vs. \$1,254,854 budget

A December invoice in the amount of \$573,572 was issued for 8,434,879 kWh of displaced sales from the Whitman True-up for calendar year 2015. Of this total, \$235,420 was accrued in FY15, and the remaining \$338,152 increased FY16 revenue. YTD revenues, including displaced sales, were above budget at \$6,105,179 actual vs. \$6,099,599 budget.

DECEMBER, 2015 sales in kWh · 18,945,473
DECEMBER, 2014 sales in kWh · 17,898,140
DECEMBER, 2013 sales in kWh · 19,445,640

Year-to-date (JULY – DECEMBER, 2015) sales in kWh - 84,809,230
Year-to-date (JULY – DECEMBER, 2014) sales in kWh - 80,960,270
Year-to-date (JULY – DECEMBER, 2013) sales in kWh - 96,683,960

Administrative and operating expenses for DECEMBER, 2015 were below budget:
\$553,468 actual vs. \$567,755 budget

Year-to-date administrative and operating expenses (JULY – DECEMBER) were also below budget: \$2,846,006 actual vs. \$3,398,403 budget.

The Subordinate Debt Fund was closed in December. Its \$309 balance was transferred to the Revenue Fund and represented unused loan fees and interest from a 2009 Line of Credit.

Geothermal project expenditures of \$71,785 were written off to Abandoned Feasibility Expense (Other Expense) in December.

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

AGENCY FUNDSOperations, Capital and Insurance Funds

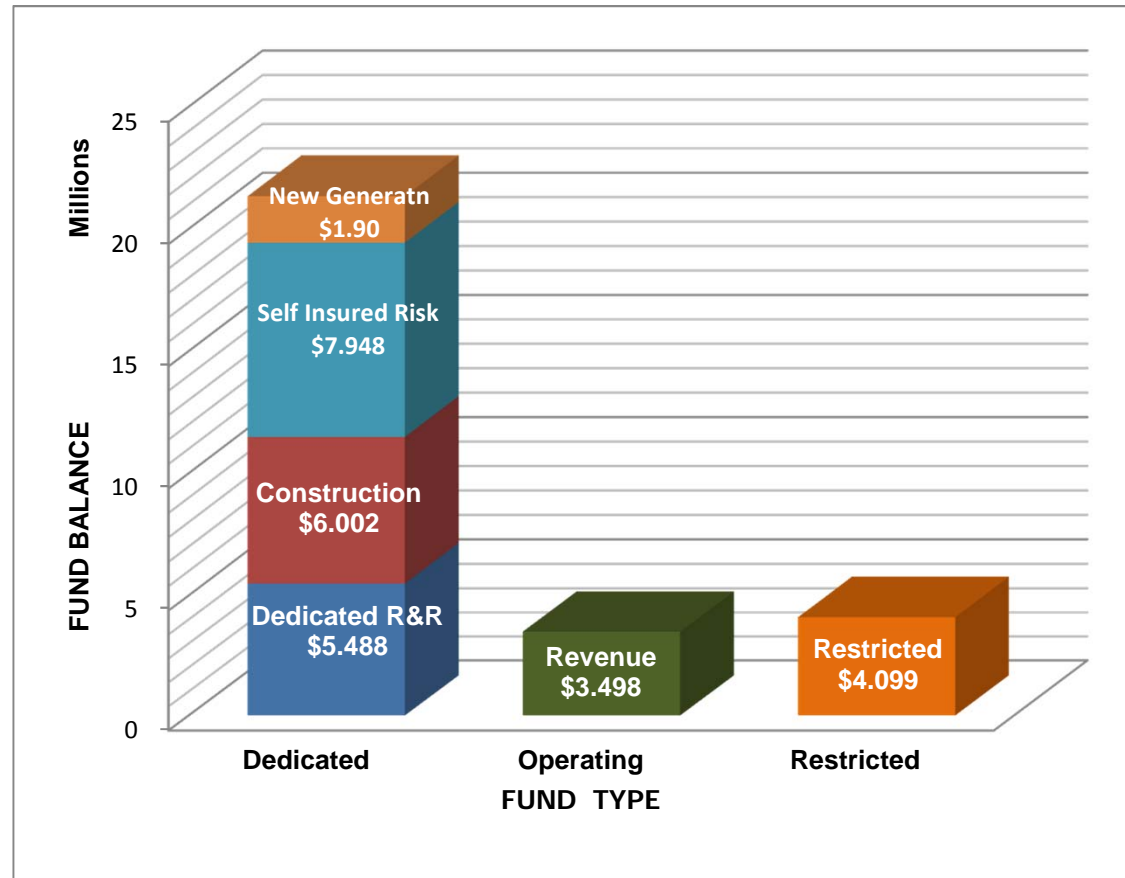
Revenue Fund FB	\$ 1,997,207
Required R&R Fund FB	1,001,529
Dedicated R&R Projects Fund FB	5,488,245
Construction Fund FB	6,002,408
Commercial FB	1,501,000
New Generation Fund	1,898,404
Self Insured Risk Fund FNBA	7,947,903
Total Operations, Capital and Insurance Funds	25,836,695

Trustee Funds

2009 Bond Interest	\$ 63,669
2009 Bond Principal	496,706
2009 Bond Reserve	1,410,121
2015 Bond Interest	40,641
2015 Bond Reserve	212,804
Total Trustee Funds	2,223,941

Other Restricted Funds

STI - USFS CD WF	\$ 21,622
DNR Reclamation Fund WF	852,265
Total Other Restricted Funds	873,887
Total Agency Funds	\$ 28,934,523

Dedicated Funds

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

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

Construction Fund = 2015 bond proceeds dedicated to Swan Lake Reservoir Expansion project.

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

Operating Funds

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

Restricted Funds (Legally or contractually restricted)

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

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

DNR = Alaska DNR Reclamation Agreement

USFS = USFS Land Remediation Certificate of Deposit

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

ASSETS

Current Assets

Agency Funds	
111000 · Ops/Capital/Insurance Funds	25,836,695
112000 · Trustee Funds	2,223,941
113000 · Other Restricted Funds	873,887
Total Agency Funds	<u>28,934,523</u>
Accounts Receivable	
110000 · Accounts Receivable	2,279,169
110100 · Grants Receivable	159,050
Total Accounts Receivable	<u>2,438,219</u>
Other Current Assets	
120000 · Other Current Assets	1,302,692
Total Other Current Assets	<u>1,302,692</u>
Total Current Assets	32,675,434

Fixed Assets

130000 · Fixed Assets	<u>130,229,353</u>
Total Fixed Assets	130,229,353

Other Assets

183000 · Deferred Assets	<u>404,393</u>
Total Other Assets	404,393

TOTAL ASSETS	<u><u>163,309,180</u></u>
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LIABILITIES & NET POSITION

Liabilities

Current Liabilities

Accounts Payable	
210100 · Accounts Payable General	<u>1,261,484</u>
Total Accounts Payable	1,261,484
Other Current Liabilities	
210150 · Other Current Liabilities	297,426
210300 · Reserve Interest Payable	61,083
210400 · Wages Payable	175,669
210500 · Payroll Liabilities	<u>9,520</u>
Total Other Current Liabilities	<u>543,698</u>
Total Current Liabilities	<u>1,805,181</u>

Long Term Liabilities

220000 · Long Term Liabilities	<u>19,615,773</u>
Total Long Term Liabilities	<u>19,615,773</u>

Total Liabilities	21,420,955
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Net Position

310000 · Net Position	140,879,386
Net Income	<u>1,008,839</u>
Total Net Position	<u>141,888,225</u>

TOTAL LIABILITIES & NET POSITION	<u><u>163,309,180</u></u>
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SOUTHEAST ALASKA POWER AGENCY
Statement of Activities Summary
December 2015

Operating Income/Expense	
Operating Income	
410000 · Hydro Facility Revenues	1,626,444
Total Operating Income	<u>1,626,444</u>
Operating Expense	
535000 · Hydro Ops-Suprvsn & Engineering	95,407
538000 · Electric Expenses	1,059
539000 · Misc Power Generation Expense	45,546
540000 · Rents	11,214
541000 · Hydro Power Station Maintenance	3,048
543000 · Dams, Reservoirs & Waterways	57
544000 · Maintenance of Electric Plant	99,528
545000 · Plant Miscellaneous Maintenance	3,046
561000 · Control System Maintenance	1,443
562000 · Trans/Operations Station Exp	1,952
571000 · Trans/Maint Overhead Lines(OHL)	20,230
920000 · Administrative Expenses	115,093
921000 · Office Expenses	29,103
922000 · Legislative Affairs	4,000
923000 · Contract Services	54,646
924000 · Insurance	39,572
928000 · Regulatory Commission Expense	8,149
930000 · General Expenses	13,908
931000 · Admin Rent	6,467
Total Operating Expense	<u>553,468</u>
Net Operating Income	1,072,976
Non-Operating Income/Expense	
Non-Operating Income	
941000 · Grant Income	175,072
942000 · Interest Income	5,603
944000 · Realized Gain/Loss	(18,757)
945000 · Unrealized Gain/Loss	(39,638)
946000 · Misc Nonoperating Income	5,811
Total Non-Operating Income	<u>128,091</u>
Non-Operating Expense	
950004 · Abandoned Feasibility Expense	71,785
952000 · Bond Interest 2009 Series	30,684
952001 · Bond Interest 2015 Series	35,629
953000 · Depreciation Expense	339,212
954000 · Grant Expenses	101,970
954100 · Contributed Capital	(80,525)
Total Non-Operating Expense	<u>498,755</u>
Net Non-Operating Income	<u>(370,663)</u>
Net Income	<u><u>702,313</u></u>

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

ASSETS

Current Assets

Agency Funds

111000 · Ops/Capital/Insurance Funds	
111100 · Revenue Fund FB	1,997,207
111200 · Required R&R Fund FB	1,001,529
111210 · Dedicated R&R Projects Fund FB	5,488,245
111211 · Construction Fund FB	6,002,408
111300 · Commercial FB	1,501,000
111401 · New Generation Fund	1,898,404
111500 · Self Insured Risk Fund FNBA	7,947,903
Total 111000 · Ops/Capital/Insurance Funds	<u>25,836,695</u>

112000 · Trustee Funds

112100 · WF Trust 2009 Bond Interest	63,669
112200 · WF Trust 2009 Bond Principal	496,706
112300 · WF Trust 2009 Bond Reserve	1,410,121
112501 · WF Trust 2015 Bond Interest	40,641
112503 · WF Trust 2015 Bond Reserve	212,804
Total 112000 · Trustee Funds	<u>2,223,941</u>

113000 · Other Restricted Funds

113100 · STI - USFS CD WF	21,622
113500 · DNR Reclamation Fund WF	852,265
Total 113000 · Other Restricted Funds	<u>873,887</u>

Total Agency Funds 28,934,523

Accounts Receivable

110000 · Accounts Receivable	2,279,169
110100 · Grants Receivable	159,050
Total Accounts Receivable	<u>2,438,219</u>

Other Current Assets

120000 · Other Current Assets

120200 · Other Receivables	4,606
120300 · Accrued Interest Receivable	35,274
120500 · Prepaid Fees	
120520 · Prepaid Insurance	277,003
120530 · Prepaid Operating Expense	14,860
120550 · Prepaid Admin Benefits	17,997
Total 120500 · Prepaid Fees	<u>309,861</u>

120700 · Inventory Assets

120701 · Inventory - Wood Poles	8,143
120702 · Inventory - Marker Balls	54,404
1207031 · Inventory-SWL Winding Replacmnt	890,405
Total 120700 · Inventory Assets	<u>952,952</u>

Total 120000 · Other Current Assets 1,302,692

Total Other Current Assets 1,302,692

Total Current Assets 32,675,434

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

Fixed Assets

130000 · Fixed Assets	
130100 · Capital Assets	
130110 · Swan Lake	16,428,278
130120 · Tyee Lake	27,566,918
130130 · SEAPA Office	733,897
132100 · Swan Tyee Intertie in Operation	111,578,874
Total 130100 · Capital Assets	156,307,967
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	744,170
1322103 · WIP SWL Equipment	2,261
1322104 · WIP SWL Engineering/Design	982,626
1322105 · WIP SWL Legal	41,152
1322106 · WIP SWL Project Mgmt/Professnal	132,041
Total 1322100 · R&R WIP SWL- Reservoir Increase	1,902,250
132210 · R&R Projects - WIP Swan Lake - Other	1,605,795
Total 132210 · R&R Projects - WIP Swan Lake	3,508,044
132220 · R&R Projects - WIP Tyee Lake	1,986,995
132230 · R&R Projects - WIP STI-Transmsn	2,116,238
132240 · R&R Projects - WIP SEAPA Office	94,689
Total 132200 · R&R Projects WIP Capital Improv	7,705,967
132900 · Accumulated Depreciation	(33,784,582)
Total 130000 · Fixed Assets	130,229,353
Total Fixed Assets	130,229,353

Other Assets

183000 · Deferred Assets	
183001 · Long Term Receivable	242,499
183003 · 2009 Bond - Refunded Discount	157,908
183300 · Meterological Tower	3,986
Total 183000 · Deferred Assets	404,393
Total Other Assets	404,393
TOTAL ASSETS	163,309,180

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

LIABILITIES & EQUITY

Liabilities

Current Liabilities

Accounts Payable

210100 · Accounts Payable General 1,261,484

Total Accounts Payable 1,261,484

Other Current Liabilities

210150 · Other Current Liabilities

210152 · DNR Fund - CVEA KEA Portion 262,500

210150 · Other Current Liabilities - Other 34,926

Total 210150 · Other Current Liabilities 297,426

210300 · Reserve Interest Payable 61,083

210400 · Wages Payable 175,669

210500 · Payroll Liabilities

210522 · SUI Tax Payable 112

210531 · IBEW H&W Payable 5,145

210540 · 457(b) Payable 609

210541 · IBEW Pension Payable 2,945

210550 · IBEW Dues Payable 709

Total 210500 · Payroll Liabilities 9,520

Total Other Current Liabilities 543,698

Total Current Liabilities 1,805,181

Long Term Liabilities

220000 · Long Term Liabilities

220100 · Series B Bonds 2009 7,905,000

220120 · 2009 Bond Issuance Discount (34,012)

220121 · PERS Unfunded Liability WRG 488,768

220130 · Series 2015 Bonds 10,295,000

220131 · 2015 Bond Issuance Premium 961,017

Total 220000 · Long Term Liabilities 19,615,773

Total Long Term Liabilities 19,615,773

Total Liabilities 21,420,955

Net Position

310000 · Net Position

3100001 · Net Investment Capital Assets 109,374,861

3100002 · Restricted for Debt Service 1,622,843

3100003 · Restricted by External Agreement 873,886

3100004 · Unrestricted 29,007,796

Total 310000 · Net Position 140,879,386

Net Income 1,008,839

Total Net Position 141,888,225

TOTAL LIABILITIES & NET POSITION 163,309,180

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

	DEC 2015	Budget	Jul-Dec '15	YTD Budget	Annual Budget
Operating Income/Expense					
Operating Income					
410000 · Hydro Facility Revenues					
410100 · Ketchikan Power Purchases	721,620	638,612	2,988,605	3,322,883	6,415,704
410200 · Petersburg Power Purchases	302,256	322,810	1,477,817	1,521,862	2,841,746
410300 · Wrangell Power Purchases	264,416	289,778	1,300,606	1,254,854	2,472,550
412100 · Displaced Power Sales Ketchikan	338,152		338,152		
Total 410000 · Hydro Facility Revenues	1,626,444	1,251,200	6,105,179	6,099,599	11,730,000
Total Operating Income	1,626,444	1,251,200	6,105,179	6,099,599	11,730,000
Operating Expense					
535000 · Hydro Ops-Suprvsn & Engineering					
535100 · Hyd/Ops Sup & Eng - Swan Lake	7,163	2,200	11,355	13,800	28,480
535150 · Hyd/Ops Sup & Eng - SWL SEAPA	6,677	110	7,746	9,690	10,350
535250 · Hyd/Ops Sup & Eng -TYL SEAPA	81,567	48,000	82,086	82,000	84,000
535400 · Hyd/Op Sup & Eng - Proj Drawing	-	10,000	17,151	36,750	96,750
Total 535000 · Hydro Ops-Suprvsn & Engineering	95,407	60,310	118,338	142,240	219,580
537000 · Hydraulic Expenses					
537150 · Hydraulic Expense - SWL SEAPA	-	-	-	-	4,000
537250 · Hydraulic Expense - TYL SEAPA	-	-	-	-	4,000
Total 537000 · Hydraulic Expenses	-	-	-	-	8,000
538000 · Electric Expenses					
538100 · Electric Expense - Swan Lake	748	2,000	8,052	12,000	24,500
538150 · Electric Expense - SWL SEAPA	-	5,000	31,435	38,000	89,200
538200 · Electric Expense - Tyee Lake	311	1,500	13,682	9,000	18,000
538250 · Electric Expense - TYL SEAPA	-	5,500	870	32,000	65,000
Total 538000 · Electric Expenses	1,059	14,000	54,038	91,000	196,700
539000 · Misc Power Generation Expense					
539100 · Misc Exp - Swan Lake	14,319	8,000	59,623	48,000	96,690
539150 · Misc Expense - SWL SEAPA	7,039	7,000	36,064	40,000	82,000
539200 · Misc Expense - Tyee Lake	4,794	8,000	54,081	47,000	97,000
539250 · Misc Expense - TYL SEAPA	19,395	17,000	79,980	100,858	202,858
Total 539000 · Misc Power Generation Expense	45,546	40,000	229,747	235,858	478,548
540000 · Rents					
540300 · FERC Land Use Fee - Swan Lake	1,090	1,050	5,943	6,200	12,500
540400 · FERC Land Use Fee - Tyee Lake	3,470	3,440	20,181	20,360	41,000
540500 · USDA Land Use Fee - USFS ROW	1,600	1,730	9,602	10,370	20,750
540600 · USDA Land Use Fee - STI	4,901	5,000	29,408	30,000	60,000
540700 · USDA Tyee Passive Reflector	107	125	644	750	1,500
540710 · USDA Etolin Burnett Radio	45	50	272	325	625
Total 540000 · Rents	11,214	11,395	66,051	68,005	136,375
541000 · Hydro Power Station Maintenance					
541100 · Maintenance - Swan Lake	3,048	1,500	8,174	10,500	20,500
541150 · Maintenance - SWL SEAPA	-	2,500	8,804	16,500	32,500
541200 · Maintenance - Tyee Lake	-	1,500	6,763	8,500	19,000
541250 · Maintenance - TYL SEAPA	-	7,000	2,221	29,500	59,500
Total 541000 · Hydro Power Station Maintenance	3,048	12,500	25,962	65,000	131,500
543000 · Dams, Reservoirs & Waterways					
543150 · Dams Res & Waterwys - SWL SEAPA	-	18,000	23,126	23,000	25,000
543200 · Dams Res & Waterwys - Tyee Lake	57	-	317	4,000	6,500
543250 · Dams Res & Waterwys - TYL SEAPA	-	-	25,782	37,000	49,700
Total 543000 · Dams, Reservoirs & Waterways	57	18,000	49,225	64,000	81,200

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

	DEC 2015	Budget	Jul-Dec '15	YTD Budget	Annual Budget
544000 · Maintenance of Electric Plant					
544100 · Maint Electric Plant-Swan Lake	52,984	50,000	299,006	295,000	589,715
5442900 · TYL Plant Wages & Benefits					
5442911 · TYL Plant Wages/PTO	32,000	30,000	180,536	175,000	374,000
5442912 · TYL Plant Wages OT	1,327	1,000	12,793	8,750	35,000
5442920 · TYL Plant Benefit - Taxes	2,478	2,650	12,846	15,800	33,300
5442930 · TYL Plant Benefits - Insurance	6,718	5,500	36,949	33,200	69,000
5442940 · TYL Plant Benefits - Retirement	4,021	4,400	22,600	25,600	54,700
5442992 · TYL Plant Grant-Capital Payroll	-		(4,839)		
Total 5442900 · TYL Plant Wages & Benefits	46,543	43,550	260,885	258,350	566,000
Total 544000 · Maintenance of Electric Plant	99,528	93,550	559,891	553,350	1,155,715
545000 · Plant Miscellaneous Maintenance					
545100 · Plant Misc Maint - Swan Lake	2,117	3,000	17,799	12,000	29,500
545150 · Plant Misc Maint - SWL SEAPA	-	-	6,890	10,000	20,000
545200 · Plant Misc Maint - Tyee Lake	929	1,500	8,320	12,000	24,500
Total 545000 · Plant Miscellaneous Maintenance	3,046	4,500	33,008	34,000	74,000
561000 · Control System Maintenance					
561150 · Control System Maint. - SWL	721	750	17,135	3,000	7,500
561250 · Control System Maint. - TYL	721	750	17,291	3,000	7,500
Total 561000 · Control System Maintenance	1,443	1,500	34,426	6,000	15,000
562000 · Trans/Operations Station Exp					
562100 · Trans/Ops Station - Swan Lake	-	500	-	3,000	15,000
562200 · Trans/Ops Station - Tyee Lake	1,572	1,200	3,840	6,500	14,200
562250 · Trans/Ops Station-TYL SEAPA	380	7,500	6,742	37,500	156,500
Total 562000 · Trans/Operations Station Exp	1,952	9,200	10,582	47,000	185,700
564000 · Trans/Submarine Cable Expense					
564200 · Trans/Sub Cable Exp - Tyee Lake	-	-	-	-	2,000
Total 564000 · Trans/Submarine Cable Expense	-	-	-	-	2,000
571000 · Trans/Maint Overhead Lines(OHL)					
571100 · Trans/Maint OHL - Swan Lake	-	3,000	3,160	20,000	50,000
571150 · Trans/Maint OHL - SWL SEAPA	-	3,000	6,995	20,500	198,630
571151 · Trans/Maint OHL - SWL ROW Clear	-	-	203,444	250,000	250,000
571200 · Trans/Maint OHL - Tyee Lake	767	1,000	34,016	27,000	54,250
571250 · Trans/Maint OHL - TYL SEAPA	1,017	5,000	21,101	30,000	298,880
5712900 · TYL Brushing Wages & Benefits					
5712911 · TYL Brushing Wages/PTO	12,281	11,000	66,134	63,000	137,000
5712912 · TYL Brushing Wages OT	-	-	2,283	4,000	13,000
5712920 · TYL Brushing Benefit - Taxes	871	1,000	4,538	5,750	13,100
5712930 · TYL Brushing Benefit- Insurance	3,359	2,500	18,475	15,250	34,200
5712940 · TYL Brushing Benefit- Retirement	1,936	2,000	10,929	11,500	26,700
5712992 · TYL Brush Grant-Capital Payroll	-		(9,758)		
Total 5712900 · TYL Brushing Wages & Benefits	18,447	16,500	92,600	99,500	224,000
571300 · Trans/Maint OHL STI Maintenance	-	500	350	34,500	314,150
571500 · Trans/Maint OHL STI Therml Scan	-	-	2,113	2,000	2,000
571800 · Trans/Maint OHL System Events	-	10,000	-	40,000	100,000
Total 571000 · Trans/Maint Overhead Lines(OHL)	20,230	39,000	363,780	523,500	1,491,910

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

	DEC 2015	Budget	Jul-Dec '15	YTD Budget	Annual Budget
920000 · Admin Wages & Benefits					
9201911 · Admin Wages/PTO	75,179	72,000	391,441	398,000	866,500
9201912 · Admin Wages - Overtime	-	140	218	660	1,500
9201920 · Admin Benefit - Taxes	2,705	5,000	22,772	29,800	61,000
9201930 · Admin Benefit - H&W Insurance	15,801	15,500	86,000	86,000	195,000
9201940 · Admin Benefit - Retirement	21,407	22,500	115,899	120,100	289,000
9201992 · Admin Grant Payroll	-		(1,008)		
Total 920000 · Admin Wages & Benefits	115,093	115,140	615,322	634,560	1,413,000
921000 · Office Expenses					
921100 · Office Supplies	1,020	1,250	9,337	7,500	15,000
921200 · Office Equipment	9,883	9,000	63,596	59,100	72,100
921300 · Phone, Courier, Internet	6,904	7,400	42,493	44,400	88,960
921400 · System Network / IT Support	11,203	4,000	23,851	24,000	48,000
921600 · Vehicle Expenses	91	300	690	1,700	3,500
Total 921000 · Office Expenses	29,103	21,950	139,967	136,700	227,560
922000 · Legislative Affairs	4,000	4,000	24,370	30,000	65,000
923000 · Contract Services					
923200 · Annual Financial Audit	31,530	4,500	31,530	29,500	29,500
923300 · Bank & Trustee Fees	258	300	1,688	1,750	16,150
923400 · Insurance Consultant	1,054	-	4,994	2,500	7,500
923500 · Investment Consultant	1,658	2,000	9,965	15,000	27,000
923600 · Legal Fees	11,718	15,000	81,798	90,000	180,000
923700 · Recruitment	-	2,000	-	10,000	22,000
923800 · Other Professional Services	8,428	18,000	23,507	87,000	203,000
Total 923000 · Contract Services	54,646	41,800	153,483	235,750	485,150
924000 · Insurance	39,572	46,800	239,696	276,100	556,900
926000 · Retiree Benefits					
926250 · Retiree Benefits TYL-PERS	-	-	-	40,000	40,000
Total 926000 · Retiree Benefits	-	-	-	40,000	40,000
928000 · Regulatory Commission Expense					
928001 · Other Regulatory Expense	-	4,000	71	20,000	39,650
928150 · FERC SWL Admin Fees	3,742	3,000	17,548	21,000	40,000
928151 · FERC SWL Other Expenses	1,067	2,500	4,962	13,000	25,700
928250 · FERC TYL Admin Fees	3,340	3,000	16,958	18,000	37,000
928251 · FERC TYL Other Expenses	-	300	1,461	1,800	3,800
Total 928000 · Regulatory Commission Expense	8,149	12,800	41,000	73,800	146,150
930000 · General Expenses					
930100 · Advertising Expense	274	450	982	2,550	5,000
930110 · Public Relations	5,348	2,000	13,743	14,500	27,500
930111 · PR - SEAPA History Project	-	1,500	-	5,000	15,000
930300 · Association Dues Expense	370	-	1,780	21,830	32,330
930310 · Professional Assn Dues	-	-	404	300	750
930400 · Board Meeting Expenses	4,775	4,000	9,191	22,000	45,000
930500 · Training Expense	1,361	2,500	9,515	13,000	28,700
930600 · Travel Expense	574	4,000	10,142	22,000	43,000
930700 · Non-Travel Incidental	1,206	250	2,355	1,500	3,000
Total 930000 · General Expenses	13,908	14,700	48,112	102,680	200,280
931000 · Admin Rent					
931010 · Office Rent	4,853	4,660	28,429	27,160	59,560
931100 · Apartment Rent - Ketchikan	1,613	1,950	10,580	11,700	23,400
Total 931000 · Admin Rent	6,467	6,610	39,009	38,860	82,960
Total Operating Expense	553,468	567,755	2,846,006	3,398,403	7,393,228
Net Operating Income	1,072,976	683,445	3,259,174	2,701,196	4,336,772

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

	DEC 2015	Budget	Jul-Dec '15	YTD Budget	Annual Budget
Nonoperating Income/Expense					
Nonoperating Income					
941000 · Grant Income	175,072		506,822		
942000 · Interest Income					
942100 · Misc Interest Income	910		5,527		
942200 · Investment Interest Income	4,692		72,348		
942000 · Interest Income - Other	-		491		
Total 942000 · Interest Income	5,603		78,365		
944000 · Realized Gain/Loss					
944200 · Realized Gain/Loss on Invest	(18,757)		(42,414)		
Total 944000 · Realized Gain/Loss	(18,757)		(42,414)		
945000 · Unrealized Gain/Loss					
945200 · Unrealized Gain/Loss Investment	(39,638)		(51,231)		
Total 945000 · Unrealized Gain/Loss	(39,638)		(51,231)		
946000 · Misc Nonoperating Income					
946002 · Gain/Loss on Property Dispositi	5,811		4,108		
Total 946000 · Misc Nonoperating Income	5,811		4,108		
Total Nonoperating Income	128,091		495,651		
Nonoperating Expense					
950004 · Abandoned Feasibility Expense	71,785		71,785		
952000 · Bond Interest 2009 Series	30,684		184,106		
952001 · Bond Interest 2015 Series	35,629		242,028		
953000 · Depreciation Expense	339,212		2,035,270		
954000 · Grant Expenses					
954002 · Grant Contractual	93,796		553,499		
954004 · Grant Labor & Benefits	-		5,141		
954005 · Grant Legal	2,520		17,687		
954006 · Grant Materials & Supplies	-		74		
954007 · Grant Other Expense	5,400		7,522		
954008 · Grant Travel	254		28,568		
Total 954000 · Grant Expenses	101,970		612,491		
954100 · Contributed Capital	(80,525)		(409,216)		
955000 · Interest Expense					
955200 · Investment Interest Expense	-		9,521		
Total 955000 · Interest Expense	-		9,521		
Total Nonoperating Expense	498,755		2,745,986		
Net Nonoperating Income	(370,663)		(2,250,335)		
Net Income	702,313	683,445	1,008,839	2,701,196	4,336,772



NOVEMBER 2015 Financial Overview

NOVEMBER, 2015 revenues from kWh sales were under budget:
\$1,063,964 actual vs. \$1,121,999 budget.

- Ketchikan - \$553,259 actual vs. \$657,043 budget
- Petersburg - \$264,355 actual vs. \$268,382 budget
- Wrangell - \$246,350 actual vs. \$196,574 budget

Year-to-date (JULY – NOVEMBER) revenues from kWh sales were below budget:
\$4,478,736 actual vs. \$4,848,399 budget.

- Ketchikan - \$2,266,985 actual vs. \$2,684,271 budget
- Petersburg - \$1,175,561 actual vs. \$1,199,052 budget
- Wrangell - \$1,036,190 actual vs. \$965,076 budget

NOVEMBER, 2015 sales in kWh 15,646,536

NOVEMBER, 2014 sales in kWh 14,284,110

NOVEMBER, 2013 sales in kWh 18,219,310

Year-to-date (JULY – NOVEMBER, 2015) sales in kWh 65,863,757

Year-to-date (JULY – NOVEMBER, 2014) sales in kWh 63,062,130

Year-to-date (JULY – NOVEMBER, 2013) sales in kWh 77,238,320

Administrative and operating expenses for NOVEMBER, 2015 were below budget:
\$370,347 actual vs. \$549,925 budget

Year-to-date administrative and operating expenses (JULY – NOVEMBER) were also below budget: \$2,292,538 actual vs. \$2,830,648 budget.

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

AGENCY FUNDSOperations, Capital and Insurance Funds

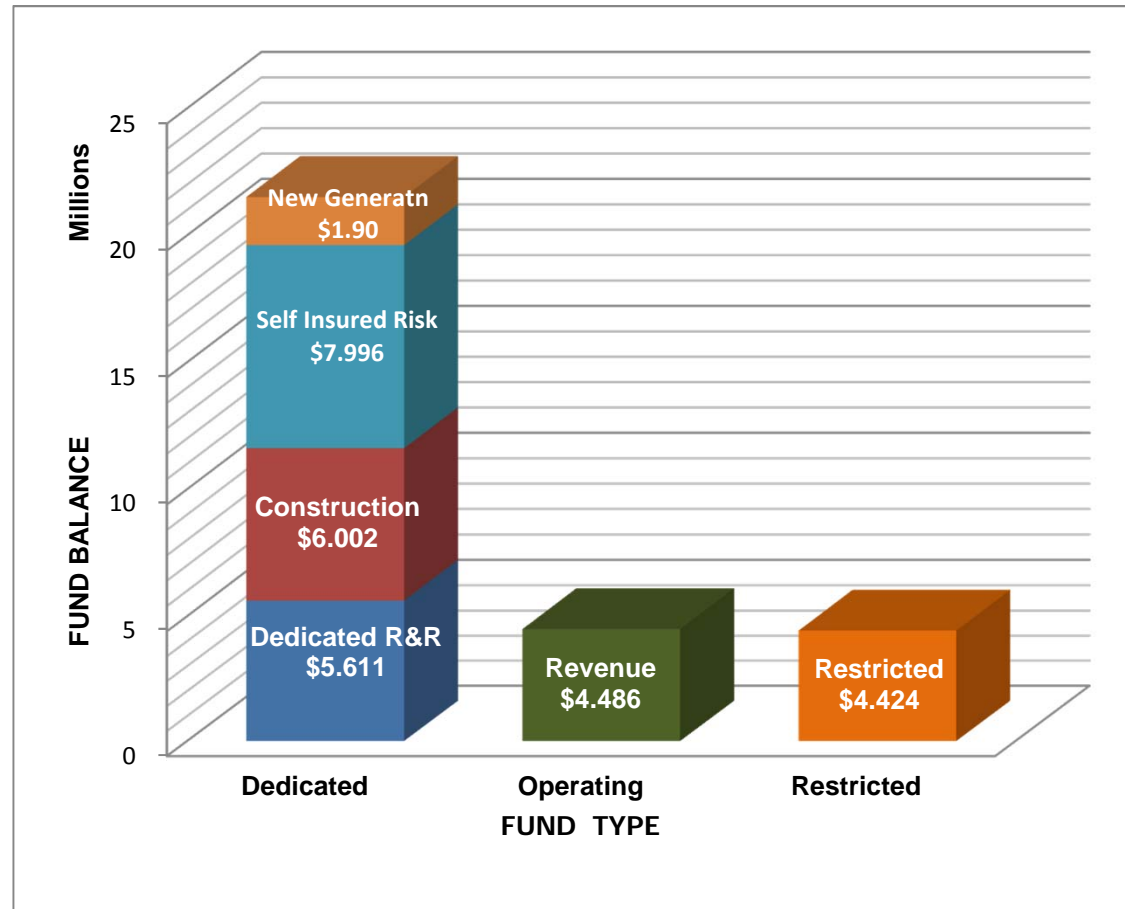
Revenue Fund FB	\$ 4,484,347
Required R&R Fund FB	1,001,477
Dedicated R&R Projects Fund FB	5,611,416
Construction Fund FB	6,002,097
Commercial FB	1,000
Subordinate Debt Fund FB	310
New Generation Fund	1,898,383
Self Insured Risk Fund FNBA	7,996,029
Total Operations, Capital and Insurance Funds	26,995,060

Trustee Funds

2009 Bond Interest	\$ 213,191
2009 Bond Principal	434,623
2009 Bond Reserve	1,410,110
2015 Bond Interest	277,715
2015 Bond Reserve	212,802
Total Trustee Funds	2,548,441

Other Restricted Funds

STI - USFS CD WF	\$ 21,622
DNR Reclamation Fund WF	852,265
Total Other Restricted Funds	873,887
Total Agency Funds	\$ 30,417,387

Dedicated Funds

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

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

Construction Fund = 2015 bond proceeds dedicated to Swan Lake Reservoir Expansion project.

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

Operating Funds

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

Restricted Funds (Legally or contractually restricted)

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

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

DNR = Alaska DNR Reclamation Agreement

USFS = USFS Land Remediation Certificate of Deposit

SOUTHEAST ALASKA POWER AGENCY
Statement of Financial Position - Summary
As of November 30, 2015

ASSETS

Current Assets	
Agency Funds	
111000 · Ops/Capital/Insurance Funds	26,995,060
112000 · Trustee Funds	2,548,441
113000 · Other Restricted Funds	<u>873,887</u>
Total Agency Funds	30,417,387
Accounts Receivable	
110000 · Accounts Receivable	1,496,634
110010 · Unbilled Displaced Sales	235,420
110100 · Grants Receivable	<u>96,495</u>
Total Accounts Receivable	1,828,549
Other Current Assets	
120000 · Other Current Assets	<u>1,374,262</u>
Total Other Current Assets	<u>1,374,262</u>
Total Current Assets	33,620,199
Fixed Assets	
130000 · Fixed Assets	<u>129,602,112</u>
Total Fixed Assets	129,602,112
Other Assets	
183000 · Deferred Assets	<u>477,360</u>
Total Other Assets	<u>477,360</u>
TOTAL ASSETS	<u>163,699,671</u>

LIABILITIES & NET POSITION

Liabilities	
Current Liabilities	
Accounts Payable	
210100 · Accounts Payable General	<u>482,424</u>
Total Accounts Payable	482,424
Other Current Liabilities	
210150 · Other Current Liabilities	1,785,784
210300 · Reserve Interest Payable	447,683
210400 · Wages Payable	168,222
210500 · Payroll Liabilities	<u>9,233</u>
Total Other Current Liabilities	<u>2,410,922</u>
Total Current Liabilities	2,893,345
Long Term Liabilities	
220000 · Long Term Liabilities	<u>19,620,413</u>
Total Long Term Liabilities	<u>19,620,413</u>
Total Liabilities	22,513,759
Net Position	
310000 · Net Position	140,879,386
Net Income	<u>306,526</u>
Total Net Position	<u>141,185,912</u>
TOTAL LIABILITIES & NET POSITION	<u>163,699,671</u>

SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Summary
November 2015

Operating Income/Expense	
Operating Income	
410000 · Hydro Facility Revenues	1,063,964
Total Operating Income	<u>1,063,964</u>
Operating Expense	
535000 · Hydro Ops-Suprvsn & Engineering	2,776
538000 · Electric Expenses	1,119
539000 · Misc Power Generation Expense	28,991
540000 · Rents	11,214
541000 · Hydro Power Station Maintenance	657
544000 · Maintenance of Electric Plant	90,956
545000 · Plant Miscellaneous Maintenance	6,159
561000 · Control System Maintenance	12,043
562000 · Trans/Operations Station Exp	4,179
571000 · Trans/Maint Overhead Lines(OHL)	19,580
920000 · Administrative Expenses	109,210
921000 · Office Expenses	7,949
922000 · Legislative Affairs	4,000
923000 · Contract Services	11,751
924000 · Insurance	39,572
928000 · Regulatory Commission Expense	7,103
930000 · General Expenses	6,223
931000 · Admin Rent	6,866
Total Operating Expense	<u>370,347</u>
Net Operating Income	693,617
Non-Operating Income/Expense	
Non-Operating Income	
941000 · Grant Income	4,857
942000 · Interest Income	7,983
945000 · Unrealized Gain/Loss	(22,388)
946000 · Misc Nonoperating Income	(1,703)
Total Non-Operating Income	<u>(11,251)</u>
Non-Operating Expense	
952000 · Bond Interest 2009 Series	32,787
952001 · Bond Interest 2015 Series	40,029
953000 · Depreciation Expense	339,212
954000 · Grant Expenses	24,766
955000 · Interest Expense	(9,238)
Total Non-Operating Expense	<u>427,555</u>
Net Non-Operating Income	<u>(438,806)</u>
Net Income	<u><u>254,812</u></u>

SOUTHEAST ALASKA POWER AGENCY
Statement of Financial Position - Detail
As of November 30, 2015

ASSETS

Current Assets

Agency Funds

111000 · Ops/Capital/Insurance Funds	
111100 · Revenue Fund FB	4,484,347
111200 · Required R&R Fund FB	1,001,477
111210 · Dedicated R&R Projects Fund FB	5,611,416
111211 · Construction Fund FB	6,002,097
111300 · Commercial FB	1,000
111400 · Subordinate Debt Fund FB	310
111401 · New Generation Fund	1,898,383
111500 · Self Insured Risk Fund FNBA	7,996,029
Total 111000 · Ops/Capital/Insurance Funds	26,995,060
112000 · Trustee Funds	
112100 · WF Trust 2009 Bond Interest	213,191
112200 · WF Trust 2009 Bond Principal	434,623
112300 · WF Trust 2009 Bond Reserve	1,410,110
112501 · WF Trust 2015 Bond Interest	277,715
112503 · WF Trust 2015 Bond Reserve	212,802
Total 112000 · Trustee Funds	2,548,441
113000 · Other Restricted Funds	
113100 · STI - USFS CD WF	21,622
113500 · DNR Reclamation Fund WF	852,265
Total 113000 · Other Restricted Funds	873,887
Total Agency Funds	30,417,387

Accounts Receivable

110000 · Accounts Receivable	1,496,634
110010 · Unbilled Displaced Sales	235,420
110100 · Grants Receivable	96,495
Total Accounts Receivable	1,828,549

Other Current Assets

120000 · Other Current Assets	
120200 · Other Receivables	4,606
120300 · Accrued Interest Receivable	41,083
120500 · Prepaid Fees	
120520 · Prepaid Insurance	316,575
120530 · Prepaid Operating Expense	16,303
120540 · Prepaid USDA FS Land Use Fees	6,654
120550 · Prepaid Admin Benefits	36,089
Total 120500 · Prepaid Fees	375,621
120700 · Inventory Assets	
120701 · Inventory - Wood Poles	8,143
120702 · Inventory - Marker Balls	54,404
1207031 · Inventory-SWL Winding Replacmnt	890,405
Total 120700 · Inventory Assets	952,952
Total 120000 · Other Current Assets	1,374,262
Total Other Current Assets	1,374,262
Total Current Assets	33,620,199

SOUTHEAST ALASKA POWER AGENCY
Statement of Financial Position - Detail
As of November 30, 2015

Fixed Assets

130000 · Fixed Assets	
130100 · Capital Assets	
130110 · Swan Lake	16,428,278
130120 · Tyee Lake	27,566,918
130130 · SEAPA Office	733,897
132100 · Swan Tyee Intertie in Operation	111,578,874
Total 130100 · Capital Assets	156,307,967
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	741,463
1322103 · WIP SWL Equipment	2,261
1322104 · WIP SWL Engineering/Design	909,128
1322105 · WIP SWL Legal	38,632
1322106 · WIP SWL Project Mgmt/Professnal	130,241
Total 1322100 · R&R WIP SWL- Reservoir Increase	1,821,725
132210 · R&R Projects - WIP Swan Lake - Other	1,369,081
Total 132210 · R&R Projects - WIP Swan Lake	3,190,806
132220 · R&R Projects - WIP Tyee Lake	1,865,075
132230 · R&R Projects - WIP STI-Transmsn	1,625,476
132240 · R&R Projects - WIP SEAPA Office	58,158
Total 132200 · R&R Projects WIP Capital Improv	6,739,515
132900 · Accumulated Depreciation	(33,445,370)
Total 130000 · Fixed Assets	129,602,112
Total Fixed Assets	129,602,112

Other Assets

183000 · Deferred Assets	
183001 · Long Term Receivable	242,499
183002 · Geothermal	71,785
183003 · 2009 Bond - Refunded Discount	159,606
183300 · Meterological Tower	3,470
Total 183000 · Deferred Assets	477,360
Total Other Assets	477,360
TOTAL ASSETS	163,699,671

SOUTHEAST ALASKA POWER AGENCY
Statement of Financial Position - Detail
As of November 30, 2015

LIABILITIES & EQUITY

Liabilities

Current Liabilities

Accounts Payable

210100 · Accounts Payable General	482,424
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Total Accounts Payable	482,424
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Other Current Liabilities

210150 · Other Current Liabilities

210151 · Member Utility Rebate Payable	1,500,000
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210152 · DNR Fund - CVEA KEA Portion	262,500
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210150 · Other Current Liabilities - Other	23,284
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Total 210150 · Other Current Liabilities	1,785,784
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210300 · Reserve Interest Payable	447,683
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210400 · Wages Payable	168,222
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210500 · Payroll Liabilities

210522 · SUI Tax Payable	108
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210531 · IBEW H&W Payable	5,145
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210541 · IBEW Pension Payable	3,201
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210550 · IBEW Dues Payable	779
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Total 210500 · Payroll Liabilities	9,233
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Total Other Current Liabilities	2,410,922
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Total Current Liabilities	2,893,345
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Long Term Liabilities

220000 · Long Term Liabilities

220100 · Series B Bonds 2009	7,905,000
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220120 · 2009 Bond Issuance Discount	(34,378)
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220121 · PERS Unfunded Liability WRG	488,768
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220130 · Series 2015 Bonds	10,295,000
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220131 · 2015 Bond Issuance Premium	966,023
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Total 220000 · Long Term Liabilities	19,620,413
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Total Long Term Liabilities	19,620,413
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Total Liabilities	22,513,759
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Net Position

310000 · Net Position

3100001 · Net Investment Capital Assets	109,374,861
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3100002 · Restricted for Debt Service	1,622,843
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3100003 · Restricted by External Agreement	873,886
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3100004 · Unrestricted	29,007,796
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Total 310000 · Net Position	140,879,386
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Net Income	306,526
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Total Net Position	141,185,912
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TOTAL LIABILITIES & NET POSITION	163,699,671
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SOUTHEAST ALASKA POWER AGENCY
Statement of Activities - Budget Comparison Detail
November 2015

	NOV 2015	Budget	Jul-Nov '15	YTD Budget	Annual Budget
Operating Income/Expense					
Operating Income					
410000 · Hydro Facility Revenues					
410100 · Ketchikan Power Purchases	553,259	657,043	2,266,985	2,684,271	6,415,704
410200 · Petersburg Power Purchases	264,355	268,382	1,175,561	1,199,052	2,841,746
410300 · Wrangell Power Purchases	246,350	196,574	1,036,190	965,076	2,472,550
Total 410000 · Hydro Facility Revenues	1,063,964	1,121,999	4,478,735	4,848,399	11,730,000
Total Operating Income	1,063,964	1,121,999	4,478,735	4,848,399	11,730,000
Operating Expense					
535000 · Hydro Ops-Suprvsn & Engineering					
535100 · Hyd/Ops Sup & Eng - Swan Lake	1,916	2,200	4,192	11,600	28,480
535150 · Hyd/Ops Sup & Eng - SWL SEAPA	110	110	1,069	9,580	10,350
535250 · Hyd/Ops Sup & Eng -TYL SEAPA	-	10,000	519	34,000	84,000
535400 · Hyd/Op Sup & Eng - Proj Drawing	750	5,000	17,151	26,750	96,750
Total 535000 · Hydro Ops-Suprvsn & Engineering	2,776	17,310	22,931	81,930	219,580
537000 · Hydraulic Expenses					
537150 · Hydraulic Expense - SWL SEAPA	-	-	-	-	4,000
537250 · Hydraulic Expense - TYL SEAPA	-	-	-	-	4,000
Total 537000 · Hydraulic Expenses	-	-	-	-	8,000
538000 · Electric Expenses					
538100 · Electric Expense - Swan Lake	1,119	2,000	7,304	10,000	24,500
538150 · Electric Expense - SWL SEAPA	-	5,000	31,435	33,000	89,200
538200 · Electric Expense - Tyee Lake	-	1,500	13,371	7,500	18,000
538250 · Electric Expense - TYL SEAPA	-	5,500	870	26,500	65,000
Total 538000 · Electric Expenses	1,119	14,000	52,979	77,000	196,700
539000 · Misc Power Generation Expense					
539100 · Misc Exp - Swan Lake	7,354	8,000	45,303	40,000	96,690
539150 · Misc Expense - SWL SEAPA	1,867	7,000	29,026	33,000	82,000
539200 · Misc Expense - Tyee Lake	12,579	9,000	49,287	39,000	97,000
539250 · Misc Expense - TYL SEAPA	7,191	17,000	60,585	83,858	202,858
Total 539000 · Misc Power Generation Expense	28,991	41,000	184,201	195,858	478,548
540000 · Rents					
540300 · FERC Land Use Fee - Swan Lake	1,090	1,050	4,853	5,150	12,500
540400 · FERC Land Use Fee - Tyee Lake	3,470	3,440	16,711	16,920	41,000
540500 · USDA Land Use Fee - USFS ROW	1,600	1,730	8,001	8,640	20,750
540600 · USDA Land Use Fee - STI	4,901	5,000	24,507	25,000	60,000
540700 · USDA Tyee Passive Reflector	107	125	537	625	1,500
540710 · USDA Etolin Burnett Radio	45	50	226	275	625
Total 540000 · Rents	11,214	11,395	54,836	56,610	136,375
541000 · Hydro Power Station Maintenance					
541100 · Maintenance - Swan Lake	615	2,000	5,126	9,000	20,500
541150 · Maintenance - SWL SEAPA	-	3,000	8,804	14,000	32,500
541200 · Maintenance - Tyee Lake	43	1,500	6,763	7,000	19,000
541250 · Maintenance - TYL SEAPA	-	7,500	2,221	22,500	59,500
Total 541000 · Hydro Power Station Maintenance	657	14,000	22,914	52,500	131,500
543000 · Dams, Reservoirs & Waterways					
543150 · Dams Res & Waterwys - SWL SEAPA	-	-	23,126	5,000	25,000
543200 · Dams Res & Waterwys - Tyee Lake	-	-	260	4,000	6,500
543250 · Dams Res & Waterwys - TYL SEAPA	-	3,000	25,782	37,000	49,700
Total 543000 · Dams, Reservoirs & Waterways	-	3,000	49,167	46,000	81,200

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

	NOV 2015	Budget	Jul-Nov '15	YTD Budget	Annual Budget
544000 · Maintenance of Electric Plant					
544100 · Maint Electric Plant-Swan Lake	45,622	50,000	246,021	245,000	589,715
5442900 · TYL Plant Wages & Benefits					
5442911 · TYL Plant Wages/PTO	34,778	30,000	148,536	145,000	374,000
5442912 · TYL Plant Wages OT	2,021	1,000	11,467	7,750	35,000
5442920 · TYL Plant Benefit - Taxes	2,570	2,650	10,368	13,150	33,300
5442930 · TYL Plant Benefits - Insurance	6,718	5,500	30,231	27,700	69,000
5442940 · TYL Plant Benefits - Retirement	4,087	4,400	18,579	21,200	54,700
5442992 · TYL Plant Grant-Capital Payroll	(4,839)		(4,839)		
Total 5442900 · TYL Plant Wages & Benefits	45,334	43,550	214,342	214,800	566,000
Total 544000 · Maintenance of Electric Plant	90,956	93,550	460,363	459,800	1,155,715
545000 · Plant Miscellaneous Maintenance					
545100 · Plant Misc Maint - Swan Lake	4,887	1,000	15,682	9,000	29,500
545150 · Plant Misc Maint - SWL SEAPA	-	-	6,890	10,000	20,000
545200 · Plant Misc Maint - Tyee Lake	1,272	2,000	7,391	10,500	24,500
Total 545000 · Plant Miscellaneous Maintenance	6,159	3,000	29,962	29,500	74,000
561000 · Control System Maintenance					
561150 · Control System Maint. - SWL	6,021	750	16,413	2,250	7,500
561250 · Control System Maint. - TYL	6,021	750	16,570	2,250	7,500
Total 561000 · Control System Maintenance	12,043	1,500	32,983	4,500	15,000
562000 · Trans/Operations Station Exp					
562100 · Trans/Ops Station - Swan Lake	-	500	-	2,500	15,000
562200 · Trans/Ops Station - Tyee Lake	(2,147)	1,200	2,267	5,300	14,200
562250 · Trans/Ops Station-TYL SEAPA	6,326	10,000	6,362	30,000	156,500
Total 562000 · Trans/Operations Station Exp	4,179	11,700	8,630	37,800	185,700
564000 · Trans/Submarine Cable Expense					
564200 · Trans/Sub Cable Exp - Tyee Lake	-	-	-	-	2,000
Total 564000 · Trans/Submarine Cable Expense	-	-	-	-	2,000
571000 · Trans/Maint Overhead Lines(OHL)					
571100 · Trans/Maint OHL - Swan Lake	-	3,000	3,160	17,000	50,000
571150 · Trans/Maint OHL - SWL SEAPA	420	3,500	6,995	17,500	198,630
571151 · Trans/Maint OHL - SWL ROW Clear	-	-	203,444	250,000	250,000
571200 · Trans/Maint OHL - Tyee Lake	4,691	2,000	33,250	26,000	54,250
571250 · Trans/Maint OHL - TYL SEAPA	456	5,000	20,084	25,000	298,880
5712900 · TYL Brushing Wages & Benefits					
5712911 · TYL Brushing Wages/PTO	12,868	11,000	53,854	52,000	137,000
5712912 · TYL Brushing Wages OT	325	-	2,283	4,000	13,000
5712920 · TYL Brushing Benefit - Taxes	946	1,000	3,667	4,750	13,100
5712930 · TYL Brushing Benefit- Insurance	3,359	2,500	15,116	12,750	34,200
5712940 · TYL Brushing Benefit- Retirement	2,140	2,000	8,993	9,500	26,700
5712992 · TYL Brush Grant-Capital Payroll	(5,625)		(9,758)		
Total 5712900 · TYL Brushing Wages & Benefits	14,012	16,500	74,154	83,000	224,000
571300 · Trans/Maint OHL STI Maintenance	-	2,500	350	34,000	314,150
571500 · Trans/Maint OHL STI Thermal Scan	-	-	2,113	2,000	2,000
571800 · Trans/Maint OHL System Events	-	10,000	-	30,000	100,000
Total 571000 · Trans/Maint Overhead Lines(OHL)	19,580	42,500	343,549	484,500	1,491,910

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

	NOV 2015	Budget	Jul-Nov '15	YTD Budget	Annual Budget
920000 · Admin Wages & Benefits					
9201911 · Admin Wages/PTO	69,847	72,000	316,262	326,000	866,500
9201912 · Admin Wages - Overtime	16	140	218	520	1,500
9201920 · Admin Benefit - Taxes	2,868	5,000	20,067	24,800	61,000
9201930 · Admin Benefit - H&W Insurance	15,698	15,500	70,198	70,500	195,000
9201940 · Admin Benefit - Retirement	20,781	21,400	94,492	97,600	289,000
9201992 · Admin Grant Payroll	-		(1,008)		
Total 920000 · Admin Wages & Benefits	109,210	114,040	500,229	519,420	1,413,000
921000 · Office Expenses					
921100 · Office Supplies	515	1,250	8,317	6,250	15,000
921200 · Office Equipment	670	3,100	53,713	50,100	72,100
921300 · Phone, Courier, Internet	6,632	7,400	35,589	37,000	88,960
921400 · System Network / IT Support	70	4,000	12,647	20,000	48,000
921600 · Vehicle Expenses	61	300	599	1,400	3,500
Total 921000 · Office Expenses	7,949	16,050	110,864	114,750	227,560
922000 · Legislative Affairs	4,000	4,000	20,370	26,000	65,000
923000 · Contract Services					
923200 · Annual Financial Audit	-	25,000	-	25,000	29,500
923300 · Bank & Trustee Fees	234	300	1,430	1,450	16,150
923400 · Insurance Consultant	1,073	-	3,941	2,500	7,500
923500 · Investment Consultant	1,660	2,000	8,307	13,000	27,000
923600 · Legal Fees	8,785	15,000	70,080	75,000	180,000
923700 · Recruitment	-	2,000	-	8,000	22,000
923800 · Other Professional Services	-	18,000	15,079	69,000	203,000
Total 923000 · Contract Services	11,751	62,300	98,837	193,950	485,150
924000 · Insurance	39,572	46,800	200,124	229,300	556,900
926000 · Retiree Benefits					
926250 · Retiree Benefits TYL-PERS	-	-	-	40,000	40,000
Total 926000 · Retiree Benefits	-	-	-	40,000	40,000
928000 · Regulatory Commission Expense					
928001 · Other Regulatory Expense	-	4,000	71	16,000	39,650
928150 · FERC SWL Admin Fees	3,742	3,000	13,806	18,000	40,000
928151 · FERC SWL Other Expenses	-	2,000	3,894	10,500	25,700
928250 · FERC TYL Admin Fees	3,340	3,000	13,618	15,000	37,000
928251 · FERC TYL Other Expenses	21	300	1,461	1,500	3,800
Total 928000 · Regulatory Commission Expense	7,103	12,300	32,850	61,000	146,150
930000 · General Expenses					
930100 · Advertising Expense	302	450	708	2,100	5,000
930110 · Public Relations	-	2,000	8,395	12,500	27,500
930111 · PR - SEAPA History Project	-	1,500	-	3,500	15,000
930300 · Association Dues Expense	750	20,830	1,410	21,830	32,330
930310 · Professional Assn Dues	150	-	404	300	750
930400 · Board Meeting Expenses	676	4,000	4,416	18,000	45,000
930500 · Training Expense	655	2,500	8,154	10,500	28,700
930600 · Travel Expense	3,311	3,500	9,567	18,000	43,000
930700 · Non-Travel Incidental	379	250	1,149	1,250	3,000
Total 930000 · General Expenses	6,223	35,030	34,204	87,980	200,280
931000 · Admin Rent					
931010 · Office Rent	4,978	4,500	23,575	22,500	59,560
931100 · Apartment Rent - Ketchikan	1,888	1,950	8,967	9,750	23,400
Total 931000 · Admin Rent	6,866	6,450	32,542	32,250	82,960
Total Operating Expense	370,347	549,925	2,292,538	2,830,648	7,393,228
Net Operating Income	693,617	572,074	2,186,198	2,017,751	4,336,772

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

	NOV 2015	Budget	Jul-Nov '15	YTD Budget	Annual Budget
Nonoperating Income/Expense					
Nonoperating Income					
941000 · Grant Income	4,857		331,750		
942000 · Interest Income					
942100 · Misc Interest Income	966		4,616		
942200 · Investment Interest Income	7,017		67,655		
942000 · Interest Income - Other	-		491		
Total 942000 · Interest Income	7,983		72,763		
944000 · Realized Gain/Loss					
944200 · Realized Gain/Loss on Invest	-		(23,657)		
Total 944000 · Realized Gain/Loss	-		(23,657)		
945000 · Unrealized Gain/Loss					
945200 · Unrealized Gain/Loss Investment	(22,388)		(11,593)		
Total 945000 · Unrealized Gain/Loss	(22,388)		(11,593)		
946000 · Misc Nonoperating Income					
946001 · Other Misc Income	-		0		
946002 · Gain/Loss on Property Dispositi	(1,703)		(1,703)		
Total 946000 · Misc Nonoperating Income	(1,703)		(1,703)		
Total Nonoperating Income	(11,251)		367,559		
Nonoperating Expense					
952000 · Bond Interest 2009 Series	32,787		153,422		
952001 · Bond Interest 2015 Series	40,029		206,399		
953000 · Depreciation Expense	339,212		1,696,059		
954000 · Grant Expenses					
954002 · Grant Contractual	21,284		459,703		
954004 · Grant Labor & Benefits	-		5,141		
954005 · Grant Legal	1,960		15,167		
954006 · Grant Materials & Supplies	-		74		
954007 · Grant Other Expense	22		2,122		
954008 · Grant Travel	1,500		28,314		
Total 954000 · Grant Expenses	24,766		510,521		
954100 · Contributed Capital	(9,238)		(328,691)		
955000 · Interest Expense					
955200 · Investment Interest Expense	-		9,521		
Total 955000 · Interest Expense	-		9,521		
Total Nonoperating Expense	427,555		2,247,231		
Net Nonoperating Income	(438,806)		(1,879,672)		
Net Income	254,812	572,074	306,526	2,017,751	4,336,772

Southeast Alaska Power Agency R&R PROJECTS	FY2016		WIP CAPITAL PROJECTS as of 12/31/15	ANNUAL EXPENDITURES					Overall BUDGET
	Budget	Expenditures		FY12	FY13	FY14	FY15	TOTAL	
242-13 Reservoir Expansion SWL Grant Funding Construction Fund	\$ 3,697,143 \$ (2,991,308) \$ (6,000,000)	409,216 (519,560) -	FERC Amendment issued Aug 2015.	151,421	421,782 (6,392)	394,811 (245,260)	525,020 (513,931)	1,902,250 (1,285,143) -	10,000,000 (3,898,000) (6,102,000)
220-12 SCADA Upgrade	\$ 110,125	70,046	Integration complete in FY16.	130,663	156,453	880,036	88,276	1,325,473	1,347,209
228-13 Circuit Switcher WRG	\$ 65,783	82,657	COMPLETE DEC 2015		-	-	104,217	186,874	170,000
231-13 Helicopter Pads	\$ 1,775,865	1,554,974	50 of 105 installed.		57,731	98,391	533,783	2,244,879	3,350,000
232-13 Communications Upgrade	\$ 301,801	34,189	Completion pending weather.		12,160	184,771	17,744	248,864	520,100
236-13 Wrangell Reactor	\$ 223,003	214,552	COMPLETE DEC 2015		55,066	216,832	446,532	932,983	939,000
240-13 Cooling Water TYL	\$ 105,534	62,024	Controls integration in process.		26,600	67,566	1,250	157,439	199,700
241-13 Stream Gauge TYL	\$ 844,525	46,275	Staged; pending weather.		37,845	562,635	22,753	669,508	1,467,758
248-14 Lathe TYL	\$ 42,000	-	To be ordered.			16,593	(16,823)	-	42,000
249-14 Marine Term Gage/CommTYL	\$ 148,498	53,801	Radios being manufactured (Mar).			-	126,111	179,912	245,000
251-14 Powerhs Roof Repair SWL	\$ 419,200	430,155	COMPLETE SEP 2015			913	6,012	437,080	425,000
252-14 Submarine SpliceSpareTYL	\$ 213,000	-	Existing kits evaluated.			-	-	-	213,000
255-14 Wood Helipad Repair SWL	\$ 103,489	95,871	COMPLETE AUG 2015				633	96,504	104,000
256-15 Alarm Trip Protectn SWL-TYL	\$ 221,500	25,299	Underway; complete summer 2016				611	25,910	222,000
257-15 Pressure-Reducing Valve TYL	\$ 71,000	-	Coordinated with RR240-13.				11,070	11,070	71,000
258-15 System Control Improve SWL-TYL	\$ 88,200	34,874	Project underway.				28,766	63,640	116,800
259-15 Turbine Shutoff Valves TYL	\$ 209,976	97,124	Partially installed.				84,857	181,981	274,500
260-15 Exciters SWL	\$ 797,500	340,972	Exciters on site.				10,104	351,076	799,000
261-15 Generator Switch Gear SWL	\$ 881,000	-	Equipment delivery Mar 2016.				9,773	9,773	882,000
262-16 Manlifts SWL-TYL	\$ 130,000	132,008	In service at TYL, SWL delivery Jan.					132,008	130,000
263-16 CTs-Relay CircSwitcr WRG	\$ 201,000	-	Preparing for bid.					-	201,000
264-16 Cooling System TGB SWL	\$ 130,000	83,706	Equipment delivery Dec 2015.					83,706	130,000
265-16 Marker Balls OHL TYL	\$ 600,596	-	Spring 2016					-	600,596
266-16 Pickup KTN	\$ 38,275	37,531	COMPLETE DEC 2015					37,531	38,275
267-16 Roof-Siding Housing TYL	\$ 120,770	-	Spring 2016					-	120,770
268-16 Vehicle SWL	\$ 20,000	-	Pending vehicle inspection					-	20,000
269-16 Guy Thimbles STI	\$ 204,000	-	'16 spring maintenance shutdown.					-	204,000
270-16 Dampeners OHL TYL	\$ 99,900	-	'16 spring maintenance shutdown.					-	99,900
Total WIP R&R Capital Projects	\$8,166,540	\$3,396,059		\$130,663	\$345,854	2,027,736	\$1,475,669	\$7,376,211	\$12,932,608

Date	Num	Vendor	FY16 BUDGET \$	Expenditures	Description
220-12 SCADA Upgrade			\$110,125	-	SEAPA-System Supervisory Control and Data Acquisition (SCADA) Consolidation Project. Installed and operational. Project completion scheduled for FY2016 as system is integrated with other R&R projects (Alarm Control Protection). (E.Wolfe)
	\$ 156,453	FY13 Expenditures			
	\$ 881,204	FY14 Expenditures			
	\$ (674,780)	FY14 TYL Portion Capitalized			
	\$ 88,276	FY15 Expenditures			
07/30/15	XJR5PJF36	Dell		1,810	FY14 CAPITALIZED TYL Portion of Project \$674K
08/10/15	17054	TexRus		354	
08/18/15	230961	Best Western Landing Hotel		160	
08/18/15	230960	Best Western Landing Hotel		160	
08/18/15	52392	Sunrise Aviation Inc		890	
08/21/15	52397	Sunrise Aviation Inc		578	
08/23/15	231295	Best Western Landing Hotel		477	
08/23/15	231296	Best Western Landing Hotel		280	
08/27/15	XJRJMDDD4	Dell		3,446	
08/31/15	15060	Segrity LLC		8,352	
08/31/15	15060	Segrity LLC		9,902	
08/31/15	15060	Segrity LLC		8,940	
08/31/15	WOL0389-201508	"Bank of America		58	
10/06/15	15065	Segrity LLC		1,301	
10/06/15	15065	Segrity LLC		1,301	
10/06/15	15065	Segrity LLC		1,301	
10/23/15	15077	Segrity LLC		968	
10/23/15	15077	Segrity LLC		968	
10/23/15	15077	Segrity LLC		968	
11/10/15	234447	Best Western Landing Hotel		142	
11/11/15	234501	Best Western Landing Hotel		142	
11/11/15	32162	Taquan Air		234	
11/13/15	234605	Best Western Landing Hotel		149	
11/19/15	52468	Sunrise Aviation Inc		470	
11/24/15	15083	Segrity LLC		646	
11/24/15	15083	Segrity LLC		646	
11/24/15	15083	Segrity LLC		645	
11/24/15	15084	Segrity LLC		3,291	
11/24/15	15084	Segrity LLC		3,291	
11/24/15	15084	Segrity LLC		3,293	
11/24/15	15085	Segrity LLC		1,125	
11/24/15	15086	Segrity LLC		12,834	
11/30/15	THO9358-201511	"Bank of America		86	
11/30/15	WOL0389-201511	"Bank of America		70	
12/18/15	17770	TexRus		768	
Total 220-12 SCADA Upgrade				<u>650,874</u>	

Date	Num	Vendor	FY16 BUDGET \$	Expenditures	Description
228-13 Circuit Switcher WRG			\$65,783	-	Replacement of manual 3-phase circuit switcher at the Wrangell switchyard. Delivered to WRG switchyard October 2014. Installation completed in SEP 2015. (S.Henson)
	\$ 104,217	<i>FY15 Expenditures</i>			
08/12/15	7221	Electric Power Constructors		545	
09/26/15	377291	Ottesen's Inc		114	
09/30/15	15068	Segrity LLC		870	
09/30/15	91376R	Southern States LLC		11,000	
10/22/15	7878	Electric Power Constructors		62,256	
11/04/15	7917	Electric Power Constructors		7,872	
Total 228-13 Circuit Switcher Wrg				<u>186,874</u>	

Date	Num	Vendor	FY16 BUDGET \$	Expenditures	Description
231-13 Helicopter Pads			\$1,775,865	-	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. Touchdown Enterprises helipad manufacturing to be completed in June; installation began summer of 2015 (50 of 105 helipads installed) and scheduled for completion in CY2016.
	\$ 57,731	<i>FY13 Expenditures</i>			
	\$ 98,391	<i>FY14 Expenditures</i>			
	\$ (114,921)	<i>FY14 Capitalize Prototypes</i>			
	\$ 533,783	<i>FY15 Expenditures</i>			
07/01/15	WCI201507	Ward Cove Industries LLC		1,125	
07/14/15	PMT#3	Touchdown Enterprises		145,688	
07/21/15	29126	Temsco Helicopters, Inc.		6,204	Project Management: Tongass Engineering (S.Henson)
07/24/15	1540	Ward Cove Industries LLC		1,380	Manufacturing: Touchdown Enterprises
07/29/15	35680602	McMaster-Carr		797	Installation: BAM LLC
08/01/15	WCI201508	Ward Cove Industries LLC		1,125	FY14 CAPITALIZED \$114,921 (Prototypes)
08/03/15	31335	Taquan Air		467	
08/05/15	Final Pmt	Touchdown Enterprises		145,688	
08/14/15	TO15111-1	BAM LLC		297,000	
08/18/15	1562	Ward Cove Industries LLC		95	
09/01/15	WCI201509	Ward Cove Industries LLC		1,125	
09/01/15	31721	Taquan Air		556	
09/03/15	31737	Taquan Air		556	
09/10/15	TO15111-2	BAM LLC		427,895	
09/14/15	1320127	Tongass Engineering		25,469	
09/15/15	31917	Taquan Air		695	
09/17/15	29469	Temsco Helicopters, Inc.		1,024	
09/22/15	31918	Taquan Air		1,390	
10/01/15	WCI201510	Ward Cove Industries LLC		1,125	
10/05/15	31994	Taquan Air		685	
10/06/15	29531	Temsco Helicopters, Inc.		2,999	
11/01/15	WCI201511	Ward Cove Industries LLC		1,125	
12/01/15	WCI201512	Ward Cove Industries LLC		1,125	
12/23/15	TO15111-3	BAM LLC		453,874	
12/31/15	1320128	Tongass Engineering		35,763	
Total 231-13 Helicopter Pads				<u>2,129,959</u>	

Date	Num	Vendor	FY16 BUDGET \$	Expenditures	Description
232-13 Communications Upgrade			\$301,801	-	Satellite dishes and telephone systems installed at Swan Lake and SEAPA Office in December 2013. Tyee Lake satellite dish permitting approved by ADF&G and Corp of Engineers; DNR approval received Sep 2015.
	\$ 12,160	FY13 Expenditures			Platform built by Tyee crew, materials delivered, underground conduit installed. ROIP (Radio Over Internet Protocol) testing completed successfully. (S.Henson)
	\$ (177,163)	FY14 Capitalize SWL-SEA Office			
	\$ 17,744	FY15 Expenditures			
07/20/15	AKKET11012	Fastenal		577	
07/22/15	PO1618DWNPMT	Vertex Structures, Inc.		2,349	
07/24/15	50943704	Tetra Tech Inc		135	
08/11/15	S144KET08I	Samson Tug & Barge		76	CAPITALIZED SWL-SEAPA Office \$177,163
08/11/15	29254	Temsco Helicopters, Inc.		559	
08/15/15	29267	Temsco Helicopters, Inc.		2,184	
09/09/15	2762290	Span Alaska Transportation, LLC		1,330	
09/11/15	150911001	Vertex Structures, Inc.		5,482	
10/07/15	WRA150072	Samson Tug & Barge		320	
10/14/15	S6782454001	North Coast Electric Company		10,871	
10/14/15	S6782454002	North Coast Electric Company		2,995	
10/15/15	S164WRA09N	Samson Tug & Barge		500	
10/16/15	S165WRA19N	Samson Tug & Barge		743	
10/24/15	378485	Ottesen's Inc		26	
10/28/15	S678245003	North Coast Electric Company		764	
10/31/15	S678245004	North Coast Electric Company		613	
11/01/15	WRA150084	Samson Tug & Barge		225	
11/01/15	WRA150072C	Samson Tug & Barge		(80)	
11/04/15	1504	Stikine Transportation		806	
11/09/15	52462	Sunrise Aviation Inc		435	
11/24/15	K10182701	Tyler Rental, Inc.		3,278	
11/30/15	473	Tyee Plant Payroll		6,752	
11/30/15	HEN0453-201511	"Bank of America		213	
12/01/15	71	Breakaway Adventures, LLC		720	
12/01/15	MK1510151	Futaris Inc		76,215	
12/11/15	44032	Tongass Engineering		500	
12/14/15	S178WRA01S	Samson Tug & Barge		496	
12/17/15	K10182702	Tyler Rental, Inc.		1,775	
Total 232-13 Communications Upgrade				158,371	

Date	Num	Vendor	FY16 BUDGET \$	Expenditures	Description
236-13 Wrangell Reactor			\$223,003	-	Replace aging reactor in Wrangell with switchable reactors and capacitors. EPS - Project management and engineering design; ABB - Manufacturer; Norconsult - Factory Acceptance Testing; Installation completed Sep 2015.
	\$ 55,066	<i>FY13 Expenditures</i>			(S.Henson)
	\$ 216,832	<i>FY14 Expenditures</i>			
	\$ 446,532	<i>FY15 Expenditures</i>			
07/03/15	90871605	ABB Inc.		44	
07/03/15	90871604	ABB Inc.		5,001	
07/16/15	7036	Electric Power Systems Inc.		117	
07/27/15	D06768170	DHL Express		36	
08/12/15	7221	Electric Power Constructors		2,179	
09/15/15	7487	Electric Power Systems Inc.		288	
09/22/15	421675	Sentry Hardware & Marine		6	
09/22/15	377084	Ottesen's Inc		14	
09/30/15	15068	Segrity LLC		4,568	
09/30/15	7758	Electric Power Systems Inc.		9,212	
10/06/15	44490	Johnson's Building Supply		750	
10/09/15	3622	Stikine Inn		453	
10/12/15	7742	Electric Power Constructors		5,650	
10/18/15	15030093	NK Electric, Inc.		401	
10/22/15	7878	Electric Power Constructors		153,280	
10/31/15	7904	Electric Power Constructors		5,650	
11/04/15	7917	Electric Power Constructors		16,238	
11/30/15	52456	Sunrise Aviation Inc		435	
12/21/15	8405	Electric Power Systems Inc.		10,232	
Total 236-13 Wrangell Reactors				932,983	

Date	Num	Vendor	FY16 BUDGET \$	Expenditures	Description
240-13 Cooling Water TYL			\$105,534	-	Piping installation complete. Valves and control work remain and will be coordinated with System Control Improvements (RR258-15). Completion scheduled for FY16. (E.Wolfe)
	\$ 26,600	<i>FY13 Expenditures</i>			
	\$ 67,566	<i>FY14 Expenditures</i>			
	\$ (94,165)	<i>FY14 Pipe Install Capitalized</i>			CAPITALIZED PIPE INSTALLATION \$94,165
	\$ 1,250	<i>FY15 Expenditures</i>			
07/01/15	417918	Sentry Hardware & Marine		136	
07/09/15	34195928	McMaster-Carr		655	
07/17/15	34799332	McMaster-Carr		63	
07/27/15	419124	Sentry Hardware & Marine		16	
08/31/15	15061	Segrity LLC		10,845	
09/16/15	82326	Channel Electric		851	
09/22/15	S156KET05I	Samson Tug & Barge		82	
09/29/15	15063	Segrity LLC		9,716	
10/02/15	15072	Segrity LLC		3,250	
10/06/15	15064	Segrity LLC		4,946	
10/13/15	15067	Segrity LLC		11,003	
10/21/15	41752720	McMaster-Carr		90	
10/23/15	S167WRA16N	Samson Tug & Barge		64	
10/31/15	15074	Segrity LLC		2,798	
10/31/15	15079	Segrity LLC		7,746	
11/22/15	52470	Sunrise Aviation Inc		218	
11/24/15	15086	Segrity LLC		6,397	
11/30/15	473	Tyee Plant Payroll		3,148	
Total Project				<u>63,273</u>	

Date	Num	Vendor	FY16 BUDGET \$	Expenditures	Description
241-13 Stream Gauge TYL			\$844,525	-	Logs cleared July 2013. Weir construction completed and helipad place by Sep 2013. Grout work will be performed as conditions allow (BAM). (E.Schofield)
	\$ 37,845	FY13 Expenditures			
	\$ 562,635	FY14 Expenditures			
	\$ (598,332)	FY14 Weir & Helipad Capitalized			
	\$ 22,753	FY15 Expenditures			FY14 CAPITALIZED WEIR & HELIPAD \$598,332
07/21/15	29127	Temsco Helicopters, Inc.		1,445	
07/22/15	PO1618DWNPM	Vertex Structures, Inc.		5,419	
08/04/15	T2079301	Tyler Industrial Supply		131	
08/04/15	15812	Foam Concepts LLC		5,825	
08/12/15	S146WRA21N	Samson Tug & Barge		238	
09/09/15	2762290	Span Alaska Transportation, LLC		1,330	
09/11/15	150911001	Vertex Structures, Inc.		12,643	
10/07/15	WRA150072	Samson Tug & Barge		320	
11/01/15	WRA150084	Samson Tug & Barge		225	
11/01/15	WRA150072C	Samson Tug & Barge		(80)	
11/04/15	1504	Stikine Transportation		806	
12/01/15	MK1510152	Futaris Inc		17,973	
Total 241-13 Stream Gauge TYL				71,176	

Date	Num	Vendor	FY16 BUDGET \$	Expenditures	Description
242-13 Reservoir Expansion SWL			\$763,736		Refer to report from Director of Special Projects. (E.Wolfe / E.Schofield)
AK DCCED Grant >			(\$763,736)		
06/30/12	\$ 151,421	FY12 Expenditures			
	\$ 421,782	FY13 Expenditures			
	\$ 394,811	FY14 Expenditures		-	
	\$ 525,020	FY15 Expenditures			
07/31/15	MAD4548-201507	"Bank of America		425	
07/31/15	WOL7101-201507	"Bank of America		149	
07/31/15	1514	Ascent Law Partners LLP		2,940	
08/09/15	5206	McMillen LLC		53,613	
08/19/15	1428	Miscellaneous Cash		(7)	
08/19/15	31550	Taquan Air		1,667	
08/20/15	227076	Best Western Landing Hotel		320	
08/28/15	121715	Van Ness Feldman PC		5,610	
08/31/15	1576	Ascent Law Partners LLP		2,835	
08/31/15	MAD4548-201508	"Bank of America		171	
08/31/15	WOL0389-201508	"Bank of America		114	
08/31/15	KDR201508	de Rubertis, Kim		6,774	
08/31/15	122120	Van Ness Feldman PC		1,367	
09/06/15	5294	McMillen LLC		90,926	
09/09/15	201508165	Kleinschmidt Associates Inc.		4,947	
09/15/15	1509S	Glenn Brewer Consulting Engineer		7,206	
09/17/15	90542894	Hatch Associates Consultants, Inc		6,228	
09/18/15	3305048	Daily Journal of Commerce		95	
09/25/15	90544837	Hatch Associates Consultants, Inc		5,004	
09/25/15	50967286	Tetra Tech Inc		5,810	
09/25/15	201509136	Kleinschmidt Associates Inc.		3,502	
09/27/15	101372120	Alaska Dispatch News		87	
09/30/15	ACT2263-201509	"Bank of America		410	
09/30/15	1638	Ascent Law Partners LLP		455	
10/04/15	5386	McMillen LLC		51,660	
10/15/15	4	Kollgaard Eric		450	
10/23/15	50981339	Tetra Tech Inc		695	
10/28/15	31700	Ketchikan Daily News		76	
10/30/15	329983	Daily Journal of Commerce		79	
10/30/15	201510145	Kleinschmidt Associates Inc.		1,436	
10/31/15	MKC201510	Morris Kepler Consulting LLC		3,280	
10/31/15	WOL0389-201510	"Bank of America		72	
10/31/15	5460	McMillen LLC		61,058	
11/20/15	90552730	Hatch Associates Consultants, Inc		4,445	
11/27/15	201511144	Kleinschmidt Associates Inc.		1,311	
11/30/15	WOL201511	.Wolfe, Eric		30	

Date	Num	Vendor	FY16 BUDGET \$	Expenditures	Description
11/30/15	1714	Ascent Law Partners LLP		1,960	
11/30/15	MAD4548-201511	"Bank of America		480	
11/30/15	WOL0389-201511	"Bank of America		1,012	
12/01/15	50991051	Tetra Tech Inc		551	
12/01/15	5536	McMillen LLC		64,291	
12/08/15	461	PML Environmental		1,360	
12/16/15	603704	BDO USA LLP		1,800	
12/25/15	51004272	Tetra Tech Inc		257	
12/31/15	MKC201512	Morris Kepler Consulting LLC		1,148	
12/31/15	MKC201512	Morris Kepler Consulting LLC		3,367	
12/31/15	1512S	Glenn Brewer Consulting Engineer		400	
12/31/15	1512S2	Glenn Brewer Consulting Engineer		4,037	
12/31/15	1771	Ascent Law Partners LLP		2,520	
12/31/15	14271801	R&M Engineering-Ketchikan		540	
12/31/15	WOL0389-201512	"Bank of America		254	
Total 242-13 Reservoir Expansion SWL				<u>1,902,250</u>	

Date	Num	Vendor	FY16 BUDGET \$	Expenditures	Description
248-14 Lathe TYL			\$42,000		Vendor has been unresponsive; seeking delivery or refund. Expenditures expensed, working with legal.
06/30/14	\$ 16,823	FY14 Expenditures		-	
	\$ (16,823)	FY15 Expenditures		-	
Total 248-14 Lathe TYL				-	
249-14 Marine Term Gage/Comm			\$148,498		Pressure transducers, replacement gauges and software design to integrate marine terminal data. Engineering complete, solar panels and all materials except data radios (expected in March) received.
	\$ 126,111	FY15 Expenditures			Installation dependent upon weather. (S.Henson)
07/21/15	AT10215	Automated Tool, Inc.		2,660	
07/24/15	15054	Segrity LLC		5,535	
07/29/15	59238	Struble Fluid Power		7,215	
07/31/15	15053	Segrity LLC		3,623	
08/10/15	374785	Ottesen's Inc		21	
08/10/15	419757	Sentry Hardware & Marine		31	
08/10/15	29251	Temsco Helicopters, Inc.		3,649	
08/11/15	59379	Struble Fluid Power		892	
08/11/15	29253	Temsco Helicopters, Inc.		3,648	
08/27/15	SHEH9DXNE9	Samson Tug & Barge		84	
08/31/15	15059	Segrity LLC		2,476	
08/31/15	N7578SURVY	Twin Eagle Consulting, LLC		11,650	
12/01/15	MK1510153	Futaris Inc		4,014	
12/31/15	N6578XET01	Twin Eagle Consulting, LLC		6,310	
12/31/15	16090	Segrity LLC		1,994	
Total 249-14 Marine Term Gage/Co				179,912	

Southeast Alaska Power Agency

12/31/15

WORK-IN-PROGRESS R&R CAPITAL PROJECTS

Date	Num	Vendor	FY16 BUDGET \$	Expenditures	Description
251-14 Powerhs Roof Repair SWL			\$419,200		Powerhouse Roof Repair at SWL. COMPLETE SEP 2015.
04/28/14	201	May Engineering Services LLC		913	(S.Henson / E.Schofield)
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	
03/30/15	208	May Engineering Services LLC		673	
05/21/15	31043	Ketchikan Daily News		74	
06/04/15	30581	Taquan Air		935	
06/14/15	59121	Pilot Publishing, Inc.		64	
06/14/15	59114	Wrangell Sentinel		52	
08/31/15	CBC1	CBC Construction, Inc.		79,216	
08/31/15	31688	Taquan Air		935	
08/31/15	SCH3058-201508	"Bank of America		33	
09/04/15	88939	Pacific Airways Inc		700	
09/16/15	31915	Taquan Air		467	
09/24/15	31886	Taquan Air		935	
09/30/15	CBC2	CBC Construction, Inc.		347,869	
Total 251-14 Powerhs Roof Repair				<u>437,079.78</u>	
252-14 Submarine SpliceSpareTYL			\$213,000		Existing spares being evaluated to determine portions that require
				-	replacement following specifications recommended by Poseidon
Total 252-14 Submarine Splice SpareTYL				<u>-</u>	Engineering. (S.Henson)
255-14 Wood Helipad Repair SWL			\$103,489		COMPLETE AUG 2015. (S.Henson)
\$	633	<i>FY15 Expenditures</i>		-	
08/25/15	29344	Temsco Helicopters, Inc.		871	
08/26/15	8213	Alaska Clearing Inc		95,000	
Total 255-14 Wood Helipad Repair SWL				<u>96,504</u>	

Date	Num	Vendor	FY16 BUDGET \$	Expenditures	Description
256-15 Alarm Trip Protection SWL			\$221,500		Two-year project; review sensors and relays, reliability and critical protection issue. Board awarded to Segrity (Mar 2015). Scheduled for completion summer of 2016. (E.Wolfe)
	\$ 611	<i>FY15 Expenditures</i>			
07/02/15	CD10215980	Minco Products, Inc.		528	
07/31/15	15050	Segrity LLC		2,318	
07/31/15	15050	Segrity LLC		2,318	
07/31/15	WOL7101-201507	"Bank of America		40	
08/31/15	15061	Segrity LLC		610	
08/31/15	15061	Segrity LLC		610	
09/29/15	15062	Segrity LLC		7,019	
10/06/15	15066	Segrity LLC		2,444	
10/06/15	15066	Segrity LLC		2,444	
10/31/15	15078	Segrity LLC		5,663	
11/09/15	52461	Sunrise Aviation Inc		360	
11/14/15	52463	Sunrise Aviation Inc		218	
11/24/15	15086	Segrity LLC		645	
11/30/15	THO9358-201511	"Bank of America		86	
Total 256-15 Alarm Trip Protection SWL-TYL				25,910	
257-15 Pressure-Reducing Valve T			\$71,000		System protection issue; affects camp and cooling water. Controls integrated with Cooling Water projects. Board awarded to Segrity (Mar 2015). (E.Wolfe)
10/31/15	15079	Segrity LLC		2,582	
11/24/15	15082	Segrity LLC		1,527	
11/24/15	15086	Segrity LLC		6,397	
11/30/15	473	Tyee Plant Payroll		563	
Total 257-15 Pressure-Reducing Valve TYL				11,070	
258-15 System Control Improvements			\$88,200		Two-year project to increase reliability at both plants; coordinate facilities' operations. Board awarded to Segrity (Mar 2015). (E.Wolfe)
	\$ 28,766	<i>FY15 Expenditures</i>			
07/09/15	15049	Segrity LLC		5,513	
07/09/15	15049	Segrity LLC		5,513	
09/29/15	15063	Segrity LLC		9,716	
10/02/15	15072	Segrity LLC		3,250	
10/31/15	15074	Segrity LLC		2,798	
11/24/15	15086	Segrity LLC		6,236	
12/31/15	16089	Segrity LLC		924	
12/31/15	16089	Segrity LLC		924	
Total 258-15 System Control Improvements SWL-TYL				63,640	

Southeast Alaska Power Agency

12/31/15

WORK-IN-PROGRESS R&R CAPITAL PROJECTS

Date	Num	Vendor	FY16 BUDGET \$	Expenditures	Description
259-15 Turbine Shutoff Valves TYL			\$209,976		
	\$ 84,857	<i>FY15 Expenditures</i>			Engineering review conducted by HDR, recommendations being implemented in FY16; partially installed; waiting for maintenance window to gain access. (E.Wolfe)
07/09/15	241637	Frontier Shipping & Copyworks		54	
07/10/15	5986	Vigor Alaska LLC		1,296	
07/10/15	5985	Vigor Alaska LLC		1,333	
07/28/15	455600-H	HDR Alaska Inc.		2,796	
08/17/15	635469	Wesco Distribution		3,327	
08/25/15	458875H	HDR Alaska Inc.		13,601	
09/30/15	WOL0389-201509	"Bank of America		111	
10/14/15	M800	Vigor Alaska LLC		144	
11/09/15	2015170	Andritz Hydro Corp		73,650	
11/09/15	52461	Sunrise Aviation Inc		360	
11/11/15	32162	Taquan Air		234	
11/14/15	52463	Sunrise Aviation Inc		218	
Total 259-15 Turbine Shutoff Valve TYL				181,981	
260-15 Exciters SWL			\$797,500		
	\$ 10,104	<i>FY15 Expenditures</i>		-	Replaces 1997 generators; coordinate with RR261-15. Equipment on site at Swan Lake. (E. Schofield)
08/20/15	2570592	Basler Electric Company		70,123	
09/23/15	2572802	Basler Electric Company		105,185	
12/03/15	2577877	Basler Electric Company		161,988	
12/04/15	2578036	Basler Electric Company		1,920	
12/07/15	2578119	Basler Electric Company		1,756	
Total 260-15 Exciters SWL				351,076	
261-15 Generator Switch Gear SW			\$881,000		
	\$ 9,773	<i>FY15 Expenditures</i>		-	Replace existing gear; includes spare breaker. Coordinate with RR260-15. Equipment being manufactured with March 2016 delivery scheduled.
Total 261-15 Generator Switch Gear SWL				9,773	(E.Schofield)

Date	Num	Vendor	FY16 BUDGET \$	Expenditures	Description
262-16 Manlifts SWL-TYL			\$130,000		Manlift for each project to safely access switchyard equipment, high-bay lighting and general building maintenance. Manlift delivered to Tyee with safety and operator training complete; in service. Manlift delivered to Swan Lake in January; training scheduled. (E.Schofield)
07/20/15	31298	Ketchikan Daily News		34	
07/20/15	31298	Ketchikan Daily News		34	
08/14/15	59525	Pilot Publishing, Inc.		29	
08/14/15	59525	Pilot Publishing, Inc.		29	
08/14/15	59505	Wrangell Sentinel		23	
08/14/15	59505	Wrangell Sentinel		23	
09/22/15	24724	Tyler Rental, Inc.		65,900	
09/22/15	24725	Tyler Rental, Inc.		63,900	
09/30/15	MAD4548-201509	"Bank of America		457	
09/30/15	MAD4548-201509	"Bank of America		457	
09/30/15	SCH3058-201509	"Bank of America		157	
09/30/15	SCH3058-201509	"Bank of America		157	
10/08/15	SCH201509	.Schofield, Ed		2	
11/04/15	1504	Stikine Transportation		806	
Total 262-16 Manlifts SWL-TYL				132,008	
263-16 CTs-Relay WRG Circuit Swt			\$201,000		Additional protection-control relays and current-sensing equipment in the Wrangell switchyard. Preparing for bid. (S.Henson)
				-	
264-16 Cooling System TGB SWL			\$130,000		Closed-loop heat exchanger cooling system for Swan Lake Unit 1 and Unit 2 turbine guide bearings. Equipment scheduled for delivery by Thermotech Corp. in December. January tentative installation. (E.Schofield)
08/04/15	T2079301	Tyler Industrial Supply		95	
09/15/15	7495	Electric Power Systems Inc.		2,769	
10/13/15	7761	Electric Power Systems Inc.		3,972	
10/19/15	41550730	McMaster-Carr		298	
10/31/15	8085	Electric Power Systems Inc.		6,446	
12/14/15	83297	Channel Electric		370	
12/14/15	83271	Channel Electric		1,946	
12/18/15	I378367	Platt Electric Supply Inc		589	
12/21/15	31530	Thermotech Corporation		62,602	
12/22/15	T2163901	Tyler Industrial Supply		2,600	
12/30/15	S186KET28N	Samson Tug & Barge		375	
12/30/15	I456521	Platt Electric Supply Inc		632	
12/31/15	8498	Electric Power Systems Inc.		1,014	
				83,706	
265-16 Marker Balls OHL TYL			\$600,596		Replacement of original marker balls in the Tyee transmission line. Preparing RFPs for spring 2015. (S.Henson)
				-	

Southeast Alaska Power Agency

12/31/15

WORK-IN-PROGRESS R&R CAPITAL PROJECTS

Date	Num	Vendor	FY16 BUDGET \$	Expenditures	Description
266-16 Pickup KTN			\$38,275		New pickup in Ketchikan for contractor use; sending current KTN pickup to Tyee to replace pickup that will be disposed. Vehicle delivered Dec Oct 2015. (T.Acteson)
10/31/15	ACT3225-201510	"Bank of America		1,000	
12/02/15	STOCK#152329	Evergreen Ford LLC		35,736	
12/17/15	S182KET35N	Samson Tug & Barge		795	
				<u>37,531</u>	
267-16 Roof-Siding Housing TYL			\$120,770		Replace roofing on Tyee Lake employee housing (3) and crew quarters; vinyl siding on employee housing (3). Preparing RFPs for spring 2015. (S.Henson)
				<u>-</u>	
268-16 Vehicle SWL			\$20,000		Used 4-wheel drive, 8-9 passenger vehicle for use at Swan Lake during reservoir expansion construction. (T.Acteson)
				<u>-</u>	
269-16 Guy Thimbles STI			\$204,000		Replace guy thimbles on STI. Preparing RFPs for spring 2015. (S.Henson)
				<u>-</u>	
270-16 Dampeners OHL TYL			\$99,900		Replacement of 180 dampeners on Tyee transmission line. Preparing RFPs for spring 2015. (S.Henson)
				<u>-</u>	
Total WIP R&R Capital Projects			\$ 8,166,540	\$ 7,705,950	



CLOSED R&R 228-13

Circuit Switcher WRG Switchyard

Project	CIRCUIT SWITCHER AT WRANGELL SWITCHYARD	
Description	Replace the manual 3-phase disconnect switch at the Wrangell Switchyard with a circuit switcher.	
Cost Estimate:	\$170,000	Start Date: JUL 2012
Actual Cost:	\$186,874	Completion Date: DEC 2015
Project Management: Steve Henson		
Project Discussion		
<p>The spur line from the Wrangell Switchyard to the Wrangell Substation has a 3-phase <u>manual</u> disconnect switch at the switchyard. The spur line needs to be sectionalized when a fault occurs along the spur and for routine system maintenance. The manual disconnect must be replaced with a circuit switcher to allow sectionalizing of the spur line while energized, enabling the circuit to be safely opened while it is under load.</p> <p>FY14 – Delays due to installation scheduling.</p> <p>FY15 – Circuit switcher delivered to Wrangell October 2014. Pending board approval of the EPC installation contract (which includes the circuit switcher <u>and</u> both reactors).</p> <p>FY16 – Removal of hand operated/no-load gang switch and installation of a new motor operated circuit switcher was completed in September 2015.</p>		

Project Cost Estimate					
DESCRIPTION	COST EST.	VENDOR	BUDGET REQUEST		SPENT
Manufacturer	\$103,064	Southern States	Approved FY13	\$100,000	\$0
Technical Support	6,600	Southern States	Approved FY14	\$98,000	\$0
Installation	60,000	Electric Power Constructors	Approved Apr 2014	\$120,000	\$0
Total	\$169,664		Requested FY15	\$170,000	\$104,217
			Carry Forward FY16	\$65,783	\$82,657
			Total Expenditures		\$186,874
Project Cost Estimate Discussion					
The FY13 project cost of \$100K was originally based on a vendor estimate. The Board approved a sole source contract with Southern States in the amount of \$103,064 for equipment at the April 24, 2014 board meeting, as well as an additional \$6,600 for Southern States technical support. The FY15 budget of \$170,000 incorporated installation costs. The FY16 request represents a carry-forward of the approved FY15 unspent balance required for project completion.					

CLOSED R&R 228-13 Circuit Switcher WRG Switchyard

DELIVERED TO WRANGELL SWITCHYARD OCTOBER 2014.



INSTALLED IN SEPTEMBER OF 2015





CLOSED R&R 236-13

WRANGELL REACTOR

Project	WRANGELL REACTOR		
Description	Replace Wrangell Reactor with switchable reactors and capacitors.		
Current Cost Estimate:	\$939,000	Start Date:	JUL 2012
Actual Cost:	\$932,983	Completion Date:	DEC 2015
Project Management: Steve Henson			
Project Discussion			
<p>The Wrangell reactor is aging and producing gasses indicating a hot spot in the winding and paper insulation degradation. The reactor is critical for the energizing of the transmission line from Wrangell to Petersburg. Replacing the reactor with switchable reactors will also allow better voltage control on the Tyee transmission system during the high inductive loads of the cannery season. This project is an integral part of our system reliability.</p> <p>FY14 – Studies were conducted by Commonwealth and Segrity during FY13. EPS was awarded the design, engineering and project management contract for this project.</p> <p>FY15 – ABB of Finland manufactured the 2.5 and 5.0 MVAR reactors, and they were delivered to Wrangell. Construction drawings were approved by EPS.</p> <p>FY16 – Pending board approval of the EPC installation contract, which includes the circuit switcher and both reactors, completion of this project was scheduled for 2015.</p> <p>7.5 MVAR reactor and the old Mill transformer were removed from their respective pads to storage locations in the switch yard. A 2.5MVAR and a 5.0MVAR reactor were installed in their places. Both are switchable remotely from the Tyee Plant via SCADA. Construction was completed in September 2015.</p>			

Project Cost Estimate					
DESCRIPTION	COST EST.	VENDOR	BUDGET REQUEST		SPENT
Switching Study	\$32,000	Commonw./Segrity	Approved FY13	\$3,615,000	\$ 55,066
Reactors (2)	542,000	ABB	Approved FY14	\$1,800,000	216,832
Installation	160,000	Electric Power Constructors	Approved FY15	\$1,489,391	446,533
Design/Eng/Proj. Mgmt	155,000	EPS	Carry Forward FY16	\$223,003	\$214,552
Contingency	50,000				
Total	\$939,000		TOTAL EXPENDITURES		\$932,983
Project Cost Estimate Discussion					
<p>Original FY13 budget was \$3.615M for three reactors; project was changed to two reactors in FY14 and budget was reduced to \$1.8M. With approval of the ABB \$532K bid for the reactors in March 2014, the overall project budget was reduced to \$1.6M for FY15.</p> <p>FY16 request includes recommended EPC installation plus \$50,000 contingency to cover any possible issues with fitting during the install and the possibility of needing to reroute of conduit. This request lowers the cost of the overall project to \$939K.</p>					

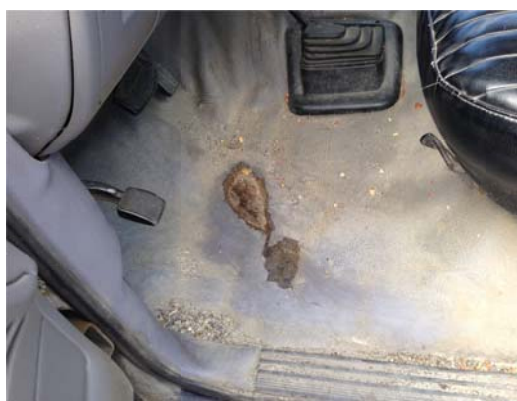
CLOSED R&R 236-13

WRANGELL REACTOR



Project	REPLACEMENT PICKUP - Ketchikan Office		
Description	Transfer 2011 Ford F150 from Ketchikan office to Tyee Lake Purchase new replacement Crew Cab Ford F250 for SEAPA Office		
Cost Estimate:	\$38,275	Start Date:	Jul 2015
Actual Cost:	\$37,531	Completion Date:	Dec 2015
Project Management: Trey Acteson			
Project Discussion			
<p>The proposal is to send the 2011 Ford F150, currently in use at the Ketchikan office for employee and contractor travel, to Tyee Lake. Pickups currently located at Tyee are near end-of-life and numerous brown bears at the site necessitate the use of vehicles to move around. One truck has eroded to the point you can see through the floor boards, it has a crack in the windshield obscuring line of sight, the tires need replacing, and the front clip is no longer secured to the frame.</p> <p>The Ketchikan office pickup would be replaced with a 4-door F250 with a topper; this vehicle will be used for hauling freight, towing, and would more easily accommodate up to 5 passengers while keeping gear dry. The Ketchikan office also has a 2013 Ford Explorer.</p>			

Project Cost Estimate					
DESCRIPTION	COST EST.	VENDOR	BUDGET REQUEST		SPENT
Procurement	\$36,275		Requested FY16	\$38,275	\$37,531
Topper	2,000				
Total	\$38,275		Total		\$37,531
Project Cost Estimate Discussion					
Estimate is based on online query and includes destination charges.					



QUOTE for Project Approval

2015 | F-250 XL



Your Selections

Model

- 2015 Ford F-250 XL Crew Cab, 4x2, SRW, 6-3/4' Box, 6.2L 2-Valve SOHC EF1NA V8 (Flex-Fuel) Engine, TorqShift® 6-Speed Auto, O/D w/Tow/Haul Mode, 3.73 Non-Limited Slip Axle Ratio
- \$35,405**

Packages

- None Selected



Exterior

- Tuxedo Black \$0
- Center High Mount Stop Lamp \$0
- Splash Guards \$130
- Tough Bed Spray-In Bedliner \$475
- Manual Trailer Tow Mirrors with Manual Glass \$0
- 6" Angular Black Molded in Color Running Board \$370
- 3.73 Non-Limited Slip Axle Ratio \$0
- 17" Argent-Painted Steel Wheels (SRW) \$0
- LT245/75R17E BSW A/S (5) Tires \$0

Interior

- Steel \$0
- Heavy Duty Vinyl \$0

Colors

-  Exterior:Tuxedo Black
-  Interior:Steel

Pricing

Base MSRP ^{S1}	\$35,405
Total of Options ^{S4}	\$975
Destination Charges	\$1,195
Subtotal	\$37,575
Available Incentives ^{S3}	-\$1,500
Net Price ^{S5}	\$36,075
Monthly Payment ^{S6}	\$456

Based on \$3,758 down payment, 84 month term and 4.9% APR

Dealer Information

Karlson Motors
 5010 North Tongass Hwy
 Ketchikan, AK, 99901
 (907) 225-9022





To Wrangell Office: Asset #300000 2011 Ford F150 (KTN)



To Tyee Lake Facility: Asset #2538467 2004 GMC Sierra (WRG)



ASSET #16-325

2015 Ford F150 Pickup with topper

SOUTHEAST ALASKA POWER AGENCY - DISBURSEMENTS

Accounts	Total
Revenue Fund	\$ 2,519,784.06
R&R Fund	\$ 973,288.51
New Generation Fund	\$ 594.73
TOTAL	<u><u>\$ 3,493,667.30</u></u>

SUGGESTED MOTION
I move to approve disbursements for the months of December 2015 & January 2016 in the amount of \$3,493,667.30.

The following is an outline of significant expenditures paid during this period:			
BDO USA	Annual audit and grant single audits	\$	36,930
Futaris Inc	Equipment for Communications Upgrade (RR232)		98,202
FY15 Rebate	Member Utilities of Ketchikan, Petersburg and Wrangell		1,500,000
McMillen LLC	Swan Lake Reservoir Expansion engineering (RR242)		177,009
Segrity LLC	RR Projects: Alarm Protection, Controls, SCADA, Pressure Reducing Valve		61,293
Tetra Tech Inc	Grant Reimbursed Kake-Petersburg Intertie EIS Permitting		34,011
Thermotech Corp	Turbine Bearing cooling skid (RR264)		62,602
Tongass Eng.	Helicopter pad project management (RR231)		36,263
US Bureau of Reclamation - Operations and maintenance review			75,000
USDA Forest Serv.	Annual land use		97,386
Wells Fargo Corp	Bond Payments - Series 2009 P&I, Series 2015 Interest only		262,676

DECEMBER 2015 & JANUARY 2016

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	New Gen
APCM201511	Alaska Permanent Capital Inc	1,659.95		
APCM201512	Alaska Permanent Capital Inc	1,658.27		
3262	Alaska Power Association	5,736.00		
3336	Alaska Power Association	500.00		
13722	Angerman's Inc	99.90		
13723	Angerman's Inc	15.90		
4037	Arrowhead LP Gas WRG	22.57		
4109	Arrowhead LP Gas WRG	22.28		
1713	Ascent Law Partners LLP	2,240.00		
1714	Ascent Law Partners LLP	6,615.00		
1715	Ascent Law Partners LLP	1,890.00		
1771	Ascent Law Partners LLP	2,520.00		
1772	Ascent Law Partners LLP	9,026.00		
1773	Ascent Law Partners LLP	1,715.00		
TO15111-3	BAM LLC	-	453,874.00	
2577877	Basler Electric Company	-	161,987.50	
2578036	Basler Electric Company	-	1,920.00	
2578119	Basler Electric Company	-	1,756.00	
151005	Bay Company Enterprises, LLC	4,225.00		
50639	Bay Company Enterprises, LLC	116.10		
603704	BDO USA LLP	36,929.90		
234605	Best Western Landing Hotel		148.99	
233840	Best Western Landing Hotel	269.59		
233841	Best Western Landing Hotel	147.45		
233843	Best Western Landing Hotel	277.64		
233844	Best Western Landing Hotel	254.00		
BOD20151210	Best Western Landing Hotel	1,700.24		
20151214	Bob's IGA	142.38		

SOUTHEAST ALASKA POWER AGENCY - DISBURSEMENTS

DECEMBER 2015 & JANUARY 2016

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	New Gen
52018	Bob's Services, Inc.	986.02		
71	Breakaway Adventures, LLC		720.00	
13062	Buness Electric LLC	80.00		
13125	Buness Electric LLC	80.00		
CAM201601	Cambria Properties LLC	1,475.00		
CAM201602	Cambria Properties LLC	1,475.00		
83271	Channel Electric	-	1,946.31	
83297	Channel Electric	-	369.64	
83561	Channel Electric		122.01	
10972PB3	Chatham Electric, Inc.	420.00		
163547	City Market	423.77		
195766	City Market	272.16		
172313	City Market	24.67		
44622	Commonwealth Associates, Inc.	169.00		
44751	Commonwealth Associates, Inc.	211.25		
C4352	Copper River Fleece	1,270.95		
10828	DHittle & Associates, Inc.	3,440.00		
10869	DHittle & Associates, Inc.	4,472.00		
10905	DHittle & Associates, Inc.	3,956.00		
7917	Electric Power Constructors		24,110.61	
8085	Electric Power Systems Inc.		6,446.06	
8277	Electric Power Systems Inc.	1,080.00		
8405	Electric Power Systems Inc.	-	10,232.16	
8498	Electric Power Systems Inc.		1,013.50	
EPTC602	Electric Power Training Center	5,000.00		
STOCK#152329	Evergreen Ford LLC		35,736.20	
80328	Futaris Inc	6,145.00		
MK1510151	Futaris Inc	-	76,214.97	
MK1510152	Futaris Inc	-	17,973.13	
MK1510153	Futaris Inc	-	4,013.55	
80373	Futaris Inc	6,145.00		
SEAPA00116	G2Risk Consulting	1,053.75		
63891641	GE Capital	595.00		
64063158	GE Capital	595.00		
15125	Glenn Brewer Consulting Engineer	400.00		
151252	Glenn Brewer Consulting Engineer	4,037.00		
9887478288	Grainger	315.08		
2012911	Greater Ketchikan Chamber of Commerce	160.00		
10019	Greater Ketchikan Chamber of Commerce	370.00		
375133	Hammer & Wikan	-		13.99
90552730	Hatch Associates Consultants, Inc	4,444.90		
4376	I Even Do Windows	300.00		
4410	I Even Do Windows	300.00		
KLK2016 Soccer	Kayhi Lady Kings	350.00		
Rebate KTN FY15	Ketchikan City of 334	787,093.50		
31768	Ketchikan Daily News	44.80		
KDN20151128	Ketchikan Daily News	55.75		
KDN201512	Ketchikan Daily News	155.00		
KDN20151219	Ketchikan Daily News	2,848.00		
KDN20151226	Ketchikan Daily News	216.84		
KGB201601	Ketchikan Gateway Borough	3,984.75		
KGB201602	Ketchikan Gateway Borough	3,984.75		
11781	Ketchikan Mechanical, Inc.	8,526.00		
11950	Ketchikan Mechanical, Inc.		104.40	
201510145	Kleinschmidt Associates Inc.	1,435.82		
201511144	Kleinschmidt Associates Inc.	1,311.12		

SOUTHEAST ALASKA POWER AGENCY - DISBURSEMENTS

DECEMBER 2015 & JANUARY 2016

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	New Gen
201512120	Kleinschmidt Associates Inc.	2,066.18		
LK201601	LK Storage & Rentals	78.00		78.00
LK201602	LK Storage & Rentals	78.00		78.00
95931	LNM Services	73.84		
95968	LNM Services	17.30		
95980	LNM Services	46.75		
19125	Mapcon Technologies, Inc.	731.68		
19126	Mapcon Technologies, Inc.	12,403.00		
19180	Mapcon Technologies, Inc.	8,819.12		
11	May Engineering Services LLC	750.00		
46291590	McMaster-Carr	409.72		
5386	McMillen LLC	51,660.00		
5460	McMillen LLC	61,057.50		
5536	McMillen LLC	64,291.25		
5297	Meridian Environmental	456.00		
5323	Meridian Environmental	1,017.00		
MKC201512	Morris Kepler Consulting LLC	4,515.35		
M16163	National Hydropower Association	19,716.00		
HR Academy-K.Key	Northwest HR Mgmt Assn	500.00		
12790	Northwest Public Power Assn	750.00		
1490388	NRECA 758777 Deferred	2,371.00		
15120630	NRECA 798185 Group Ins	15,853.27		
16010630	NRECA 798185 Group Ins	18,522.16		
15120630A	NRECA 798324 Group Ins Admin	1,410.39		
16010630A	NRECA 798324 Group Ins Admin	1,617.51		
15128044A	NRECA 798330 RSP Admin	551.02		
16018044A	NRECA 798330 RSP Admin	573.13		
16018044	NRECA 798369 RSP Trust Contrib	30,540.99		
379615	Ottesen's Inc	56.99		
379724	Ottesen's Inc	419.99		
380157	Ottesen's Inc	18.98		
380977	Ottesen's Inc	49.98		
382066	Ottesen's Inc	2.60		
Rebate PSG FY15	Petersburg Borough	372,343.50		
33453	Petersburg Bottled Gas	148.00		
33473	Petersburg Bottled Gas	49.00		
46136	Petro Marine Services-WRG	306.71		
46172	Petro Marine Services-WRG	304.15		
46825	Petro Marine Services-WRG	409.90		
59822	Pilot Publishing, Inc.	154.00		
60236	Pilot Publishing, Inc.	150.50		
60361	Pilot Publishing, Inc.	536.00		
I310268	Platt Electric Supply Inc	310.76		
I378367	Platt Electric Supply Inc	-	589.20	
I456521	Platt Electric Supply Inc		631.55	
461	PML Environmental	1,360.00		
14271800	R&M Engineering-Ketchikan	600.00		
14271801	R&M Engineering-Ketchikan	540.00		
749	Ray Matiashowski & Associates	4,000.00		
759	Ray Matiashowski & Associates	4,000.00		
RVINV010654	RedVector	1,449.00		
WRA150072	Samson Tug & Barge		(160.00)	
WRA150084	Samson Tug & Barge		450.00	
S178WRA01S	Samson Tug & Barge		495.55	
S182KET35N	Samson Tug & Barge	-	795.00	
S186KET28N	Samson Tug & Barge	-	374.51	

SOUTHEAST ALASKA POWER AGENCY - DISBURSEMENTS

DECEMBER 2015 & JANUARY 2016

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	New Gen
411374	Satellite & Sound Inc	300.00		
411375	Satellite & Sound Inc	550.00		
K149796IN	Schmolck Mechanical Contractors Inc		496.16	
K149910IN	Schmolck Mechanical Contractors Inc		633.84	
315566	SE Business Machines	267.50		
15082	Segrity LLC		1,527.46	
15083	Segrity LLC		1,936.49	
15084	Segrity LLC	4,475.00	9,875.00	
15085	Segrity LLC	6,000.00	1,125.00	
15086	Segrity LLC		32,508.11	
16089	Segrity LLC		1,847.50	
16090	Segrity LLC		1,993.75	
424967	Sentry Hardware & Marine	179.99		
424968	Sentry Hardware & Marine	179.99		
425150	Sentry Hardware & Marine	95.52		
565002	Southeast Auto & Marine Parts, Inc	129.59		
567108	Southeast Auto & Marine Parts, Inc	57.35		
567122	Southeast Auto & Marine Parts, Inc	247.35		
567195	Southeast Auto & Marine Parts, Inc	41.54		
567671	Southeast Auto & Marine Parts, Inc	(49.38)		
567768	Southeast Auto & Marine Parts, Inc	100.66		
56832	Southeast Auto & Marine Parts, Inc	80.10		
10382448	Standard & Poor's	5,000.00		
52461	Sunrise Aviation Inc		720.00	
52462	Sunrise Aviation Inc		435.00	
52463	Sunrise Aviation Inc		435.00	
52466	Sunrise Aviation Inc	1,761.50		
52468	Sunrise Aviation Inc	470.00	470.00	
52470	Sunrise Aviation Inc	217.15	217.85	
52456	Sunrise Aviation Inc	3,775.00	435.00	
52492	Sunrise Aviation Inc	940.00		
52478	Sunrise Aviation Inc	3,770.00		
32162	Taquan Air		467.45	
32261	Taquan Air	467.45		
29568	Temsco Helicopters, Inc.	1,425.08		
50991049	Tetra Tech Inc	15,358.60		
50991051	Tetra Tech Inc	550.60		
51004269	Tetra Tech Inc	17,844.71		
51004272	Tetra Tech Inc	256.75		
17477	TexRus	8,052.00		
17770	TexRus	135.00	768.00	
17595	TexRus	2,996.97		
17753	TexRus	2,572.00		
31530	Thermotech Corporation	-	62,602.00	
699350	Tongass Business Center	21.80		
700990	Tongass Business Center	132.92		
699351	Tongass Business Center	9.63		
699352	Tongass Business Center	74.00		
715900	Tongass Business Center	27.64		
44032	Tongass Engineering		500.00	
1320128	Tongass Engineering		35,762.79	
N6578XET01	Twin Eagle Consulting, LLC		6,310.23	
T2163901	Tyler Industrial Supply		2,600.00	
K10182701	Tyler Rental, Inc.		3,278.00	
K10182702	Tyler Rental, Inc.	-	1,775.00	
TO16007-1	US Bureau of Reclamation	75,000.00		

SOUTHEAST ALASKA POWER AGENCY - DISBURSEMENTS

DECEMBER 2015 & JANUARY 2016

Invoice No.	Company (Vendor)	Revenue Fund	R&R Fund	New Gen
BF100522T0033	USDA Forest Service	97,385.72		
123998	Van Ness Feldman PC	722.50		
WCI201601	Ward Cove Industries LLC		1,125.00	
WCI201602	Ward Cove Industries LLC		1,125.00	
0812874	Ward Creek Industrial Supply	159.14		
WF09-201512	Wells Fargo Bank-Corporate Trust	90,700.66		
WF15-201512	Wells Fargo Bank-Corporate Trust	40,634.06		
WF09-201601	Wells Fargo Bank-Corporate Trust	90,700.66		
WF15-201601	Wells Fargo Bank-Corporate Trust	40,640.63		
1945	Wrangell Chamber of Commerce	400.00		
Rebate WRG FY15	Wrangell City & Borough	340,563.00		
59806	Wrangell Sentinel	138.00		
60224	Wrangell Sentinel	123.63		
60441	Wrangell Sentinel	476.00		
NOV 2015	Employee Reimbursement	119.03		
DEC 2015	Employee Reimbursement	205.13		
NOV 2015	Bank of America	18,621.21	454.04	-
DEC 2015	Bank of America	19,108.41	-	424.74
Total Disbursements		\$ 2,519,784.06	\$ 973,288.51	\$ 594.73
		\$3,493,667.30		

* 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.

Agenda Item 11A
Old Business

Discussion only re: SEAPA Operations Plan
Action #2 tabled at 12/10/2015 Meeting



SOUTHEAST ALASKA POWER AGENCY

Steve Henson, Operations Manager

Date: February 1, 2016

To: Trey Acteson, CEO

From: Steve Henson, Operations Manager

Subject: Project Management Services for Swan-Tyee Intertie Helipad Project

Tongass Engineering, LLC was the sole bidder for Project Management Services ('PM Services') for SEAPA's Swan-Tyee Helipad Project in 2012, and received a contract award of \$97,650. Additional funding was needed as the project developed for tasks required beyond the original scope of work. Amendments to the contract increasing the not-to-exceed value by \$55,025 were granted for a total cost of \$152,675 through December 31, 2015 for PM Services. Staff requests the board's consideration of granting an additional \$99,750 to fund the remainder of the project from January 1, 2016 to December 31, 2016. The contractor estimates the following will be required for completion:

	Proposed Additional Funding needed for 1.1.2016 to 12.31.2016 Helipad Completion	Hours @ \$125/hr¹	Amount
1.	Quality Assurance of helipad construction with coordination and reporting to SEAPA and USFS	440	\$55,000
2.	Invoice reviews and change order processing	40	\$5,000
3.	Project management for future helipad layout and coordination with USFS	80	\$10,000
4.	Other Project Management for SEAPA and coordination with BAM, LLC	40	\$5,000
5.	Project Management Re Fabrication	16	\$2,000
6.	Additional Engineering Design	12	\$1,500
7.	Expenses – field per diem, estimated 30 @ \$75/each	N/A	\$2,250
8.	Expenses – Materials (estimated)	N/A	\$1,000
9.	Expenses – Subcontractors (estimated) including Pollux Helicopters for future helipad layout	N/A	\$18,000
10.	Markup to expenses @ 0% per SEAPA	N/A	\$0
11.	Markup to Subconsultants/Subcontractors @ 0% per SEAPA	N/A	\$0
(Labor: 628 hrs x \$125/hr = \$78,500 + \$21,250 Expenses)		Total	\$99,750

Weather permitting and barring unforeseen events, construction can start in late March or early April and be complete by the fall of this year. The R&R total budget is \$3,340,000. There is \$220,891 remaining in the FY2016 budget for the project. Please consider the following suggested motion:

SUGGESTED MOTION
I move to authorize staff to enter into an amendment to Tongass Engineering, LLC's Task Order No. 13-01 to increase the not-to-exceed value of the contract from \$157,265 to \$257,015 for an increase of \$99,750 for Project Management Services for the completion of SEAPA's Swan-Tyee Intertie Helipad Project.

¹ There will be no increase to the Contractor's hourly rate in Calendar Year 2016.



SOUTHEAST ALASKA POWER AGENCY

SWL Construction/Engineering | February 2016

Date: February 3, 2016

To: Trey Acteson, Chief Executive Officer

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

Re: Consideration of Sole Source of Swan Lake Construction Engineering

I have been extremely pleased with McMillen/Jacobs (MCM) as SEAPA's construction design firm for the Swan Lake Reservoir Expansion Project. This project has been difficult to schedule and manage for the designer because of the license amendment delay and our insistence that construction be conducted in 2016.

The licensing delay caused problems with the flashboard and vertical gate bid process, and our selection of a foreign supplier for these components has made design integration more difficult. MCM expedited our construction drawings (100 sheets) to incorporate the changes necessary to accommodate the Kuenz design and they did this without compromising quality. They also provided design engineering and documents within our original budget. We are now ready to begin final design document preparation and need to request construction engineering efforts.

The construction engineering is a continuation of the original design engineering effort awarded to MCM. A significant amount of time and effort will be required if the construction engineering is bid out and awarded to another firm. Not only is MCM already familiar with the project, but their performance has met and exceeded SEAPA's expectations. Their bid received the highest score in the original competitive bid process.

Section 8.3 of SEAPA's Procurement Policy provides that "Contractual services of a professional nature, such as engineering, architectural ..." may be contracted for without competitive bidding or soliciting quotations. Section 8.12 of the 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 a majority vote".

As reflected in the table on the following page, the total value of the construction engineering effort is estimated at \$367,100. This amount covers all design submittals to FERC and the Tongass National Forest, has line items for component integration issues, and insures SEAPA will have assistance, as needed, with quality control for the project.

FERC/Compliance					Hrs	Avg Rate/Hr	Cost	
FERC Article 301								
Update Exhibit L (Article 201 Dwgs) in new E-format and resubmit to FERC								
Temp Emergency Action Plan ('EAP')								
Submit final design to FERC & TNF by March 1, 2016								
Follow-up correspondence with FERC re final design								
QC and Inspection Plan								
Temporary EAP								
Storm water and Pollution								
Spill Prevention & Control								
Soil Erosion & Settlement								
Rare Plant Protection & Invasive Species								
FERC Article 301 Total					120	\$160	\$19,200	
FERC Article 303		As-built Drawings			120	\$120	\$14,400	
FERC Article 304		Public Safety Plan			10	\$160	\$1,600	
Construction								
		Continued monitoring of Flashboard and Vertical Gate Design (Randy)		12 wks	120	\$160	\$19,200	
		Minor follow-up engineering for Vertical Gate & Flashboard Integration to Concrete Design			120	\$160	\$19,200	
		Minor follow-up engineering for electrical design and connections			80	\$160	\$12,800	
		Minor changes for electrical service 480V			35	\$160	\$5,600	
		Engineering support, HPU siting			60	\$160	\$9,600	
		Engineering support, Fixed Wheel Gate ('FWG') assembly			200	\$160	\$32,000	
		Engineering support, Flashboard assembly			250	\$160	\$40,000	
		Emergency Siphon Design (includes drawings and site assistance)			180	\$160	\$28,800	
Site Q/C (1/2 June, July, August and September)		Months	Days/Mo.	Food	Travel			
		3.5	20	\$3,500	\$12,000	700	\$160	\$127,500
		Bid to issue for construction						
		Pre-construction conference			80	\$160	\$12,800	
		Specification revision for conformed contract			40	\$160	\$6,400	
		Drawings (bid to construction)			150	\$120	\$18,000	
Total							\$367,100	

Please consider the following suggested motion:

SUGGESTED MOTION
I move to authorize staff to enter into a sole source contract with McMillen LLC for construction engineering for the Swan Lake Reservoir Expansion Project for the not-to-exceed value of \$367,000.



SOUTHEAST ALASKA POWER AGENCY

EMPLOYEE BENEFIT ELIGIBILITY

FEBRUARY 1, 2016

A suggested motion to update SEAPA Employee Classifications and benefit eligibility criteria appears directly below. The proposed changes will provide greater flexibility in the employment and scheduling of part-time and temporary workers without those positions automatically qualifying for insurance and retirement benefits. Resolution No. 2016-063 authorizing a second amendment to SEAPA's Deferred Compensation Plan is attached for the Board's review and consideration.

The following table highlights the proposed changes to benefit eligibility: Temporary employees would be added as an excluded class for health and life insurance; Part-Time and Temporary employees would be added as an excluded class for participation in the Deferred Compensation Plan; and there are no proposed changes to eligibility in the Defined Benefit Retirement Security Plan as it is governed by federal ERISA regulations and cannot be altered. All employee benefits are provided through the National Rural Electric Cooperative Association (NRECA).

Employee Class	Group H&W	Deferred Comp 457b	Defined Benefit RSP
Full-Time (current)	Qualifies	Qualifies	Qualifies
Part-Time (current)	Excluded Class	Qualifies	ERISA 1,000 hours/yr.
Temporary (current)	Qualifies	Qualifies	ERISA 1,000 hours/yr.
Full-Time (proposed)	Qualifies	Qualifies	Qualifies
Part-Time (proposed)	Excluded Class	Excluded Class	ERISA 1,000 hours/yr.
Temporary (proposed)	Excluded Class	Excluded Class	ERISA 1,000 hours/yr.

SUGGESTED MOTION

I move to adopt Resolution No. 2016-063 approving and authorizing the Second Amendment to SEAPA's Deferred Compensation Plan and to adopt the Revised Employee Classifications contained in the February 1, 2016 Memo titled 'Employee Benefit Eligibility' provided in the February 11-12, 2016 SEAPA board packet. I further move to authorize staff to effect the amendment of SEAPA's group health and welfare plans to add temporary employees as an excluded class effective March 1, 2016.

For clarification, the section of the Deferred Compensation Plan proposed for amendment is the section that contains the definition of an employee under the plan, Article 1 DEFINITIONS, Section 1.10 "Employee."

The following page offers a comparison of the existing and revised employee classifications.



SOUTHEAST ALASKA POWER AGENCY

EMPLOYEE BENEFIT ELIGIBILITY FEBRUARY 1, 2016

The Employee Classifications that follow have been revised to align with the proposed changes in benefit eligibility and to allow greater flexibility in scheduling part-time and temporary employees.

Existing Employee Classifications	Revised Employee Classifications
<p>Employment Categories</p> <p>Employees in the State of Alaska are at-will employees. Full Time is an employee who has no termination date and who is regularly scheduled to work 37.75 to 40 hours per week.</p> <p>Part Time is an employee whose position has no termination date and who is scheduled to work 20 or more hours, but less than 37.75 hours per week.</p> <p>Temporary Full Time is an employee who is hired or promoted for certain length of time and who is scheduled to work 37.75 hours per week.</p> <p>Temporary Part Time is an employee who is hired or promoted for a certain length of time and who is scheduled to work 20 hour or more, but less than 37.75 hours per week.</p>	<p>Employee Classifications</p> <p>Full-Time - An employee who is in a job position classified by SEAPA as full-time. Full-time employees are usually scheduled to work more than 32 hours per week and are hired for an indefinite period.</p> <p>Part-Time – An employee who is in a job position classified by SEAPA as part-time. Part-time employees usually work no more than 32 hours per week and are hired for an indefinite period.</p> <p>Temporary – An employee, either full-time or part-time, who is hired for a specified, limited period not to exceed 1,000 hours per year.</p> <p>These classifications do not guarantee employment for any specified period of time. The right to terminate the employment relationship at will at any time is retained by both the employee and SEAPA. Temporary periods of working more or less than 32 hours per week do not mean an employee has changed classifications. Classifications are based upon job titles and positions, not necessarily the amount of hours worked in any given week or period.</p> <p>Fair Labor Standards Act (FLSA) Classifications</p> <p>Nonexempt – An employee who is <u>not</u> exempt from FLSA requirements concerning minimum wage and overtime.</p> <p>Exempt – An employee is who is exempt from FLSA requirements concerning minimum wage and overtime, generally executives and professional staff.</p> <p>Full-time, part-time and temporary employees may qualify as exempt or nonexempt.</p>



SOUTHEAST ALASKA POWER AGENCY

RESOLUTION NO. 2016-063**

**The Southeast Alaska Power Agency
Resolution Adopting a Second Amendment to SEAPA's
Deferred Compensation Plan**

WHEREAS, the Southeast Alaska Power Agency (SEAPA or Agency) participates in the 457(b) Plan, the Deferred Compensation Plan (Plan), and;

WHEREAS, the Agency has reserved the right to amend the Plan in whole or in part, and;

WHEREAS, the Agency adopted Resolution No. 2014-053 on April 24, 2015 authorizing the First Amendment to the Plan, and;

WHEREAS, the Agency desires to authorize a second amendment to the Plan, effective March 1, 2016, to limit participation in the Plan to full-time employees;

NOW THEREFORE, BE IT:

RESOLVED that the Agency hereby approves and authorizes the adoption of the Second Amendment to the Plan, a copy of which is attached hereto and made a part hereof. The Second Amendment shall be effective March 1, 2016. The Agency authorizes and directs SEAPA's Chief Executive Officer, Trey Acteson, to execute the Second Amendment for and on behalf of the Agency.

This Resolution No. 2016-063 was duly PASSED and ADOPTED by SEAPA's Board of Directors on the _____ day of February 2016 in Wrangell, Alaska.

SOUTHEAST ALASKA POWER AGENCY

By _____
Chairman of the Board

ATTEST:

Secretary/Treasurer

SECOND AMENDMENT

The Southeast Alaska Power Agency Deferred Compensation Plan (Employee Eligibility)

This Second Amendment to the Southeast Alaska Power Agency Deferred Compensation Plan (the "Plan") is made and entered into this ____ day of February, 2016, by the Southeast Alaska Power Agency (the "Employer").

W I T N E S S E T H:

WHEREAS, the Employer established the Plan effective January 1, 2006, restated the Plan effective January 1, 2011, and last amended the Plan June 1, 2014; and

WHEREAS, pursuant to Article 9, Section 9.11, the Employer has reserved the right to amend the Plan in whole or in part; and

WHEREAS, the Employer now desires to amend the Plan, effective March 1, 2016, to limit participation in the Plan to full-time employees, by excluding part-time and temporary employees from entering the Plan;

THEREFORE, in consideration of these recitals, the Employer amends the Plan effective on March 1, 2016, as follows:

1. Article 1, Section 1.10 is amended to read as follows (with new provisions in ***bold italics***):

"Employee": Any individual who receives wages as a common-law employee of the Employer. The term "Employee" shall not include a person who is classified by the Employer as ***a part-time employee, a temporary employee or an independent contractor. Employee shall also not include*** a person who is not treated as an employee for purposes of withholding federal employment taxes or is covered by a collective bargaining agreement, ***unless the agreement provides for participation in this Plan.*** If an individual is subsequently reclassified as an Employee by a court, the Internal Revenue Service or any other governmental agency or authority (including any reclassification in settlement of any claim or action relating to such individual's employment status), such individual shall not become an Employee for purposes of this Plan by reason of such reclassification until the date of such reclassification ***and then only if the Employer classifies such individual as a full-time employee.***

In all other respects the Plan is ratified and approved.

[Signatures on Following Page]

IN WITNESS WHEREOF, the Employer has caused this Amendment to the Plan to be duly executed as of the date and year first above written.

“EMPLOYER”
Southeast Alaska Power Agency

By: _____

Its:



SOUTHEAST ALASKA POWER AGENCY

WRANGELL/SEAPA SUBSTATION UPGRADE

Date: February 1, 2016
To: SEAPA Board of Directors
From: Trey Acteson, CEO
Subject: Wrangell/SEAPA Substation Upgrade

This memo is presented to the Board on behalf of Wrangell Municipal Light and Power (WML&P) Superintendent, Clay Hammer.

Last year, WML&P had a system-wide evaluation done on Wrangell's municipal distribution. Key considerations were:

- 1) Age and condition of different sections of the system
- 2) Effects of recent commercial and heat rate load growth
- 3) Additional burden effected by new communication installations
- 4) Capability of back up diesel generation

One of the findings of the study was that the connection to the Wrangell/SEAPA substation is in need of an upgrade. This is the point of origin for all power in Wrangell. Different factors including age, amperage class, condition, conductor size, and support structure configuration all put this at the top of the list as a high priority project.

Current configuration has the SEAPA substation with four (4) feeder breakers serving 350mcm aluminum conductors to cut-outs on a wooden "H" structure outside the substation yard. This "H" structure is the tie-in point for all four Wrangell feeders as well as the SEAPA substation and the Wrangell Powerhouse. Constructed in 1982, the installation is showing its years. The riser conductors are showing signs of oxidation at the connection points and have reached 80% rated ampacity in terms of loading. The "H" structure supports the risers leaving the substation as well as feeder and Wrangell Powerhouse tie-ins. This is the single most important and critical component in the entire Wrangell distribution system. Not only does its age make it a liability but its configuration makes it a "raptor magnet" receiving several bird strikes a year. This installation has reached the end of its life span and represents some serious reliability issues in addition to being a bottle neck to any additional load growth.



Wrangell Distribution "H" Structure (central tie-in point for all electrical services in Wrangell)

WML&P proposes to take this project on in-house, using Wrangell linemen and local construction contractors. We will upgrade the underground conductor coming from the substation as well as taking the existing H structure out and replacing it with a series of pad mounted 600 amp class switch cabinets to accommodate the tie-ins. The switch cabinets would be able to provide three different visual openings required to enable a SEAPA crew and contractors to safely work within the substation during maintenance outages as well as during line or diesel plant outages. Currently those visual openings are provided by opening cut-outs on the "H" structure and can only be accessed by linemen in a bucket truck. Having them on the ground will make them safer and easier to operate. All overhead conductors between the substation and the Wrangell power house will be put underground. A one-line Drawing is attached (Attachment #1).

Given the mutual benefit this project has for both SEAPA and Wrangell, WML&P is proposing that the cost of the project be shared. The estimated cost is \$186,619.00. WML&P asks that the board consider sharing 50% of the cost, or \$93,309.50 by way of an increase to SEAPA's FY2016 budget (Account 562250/Maintenance, Wrangell Substation). A written estimate itemizing time and materials is attached (Attachment #2).

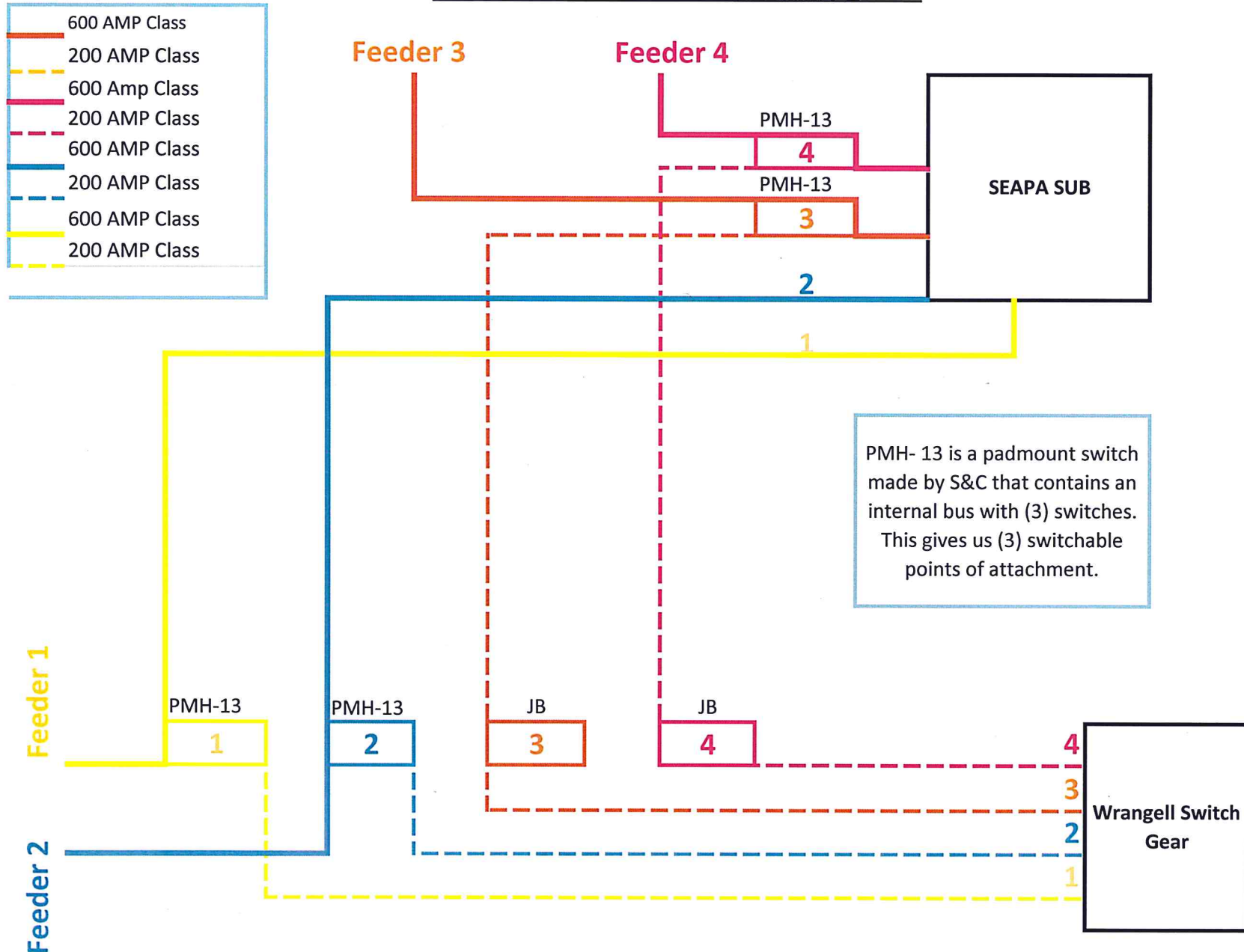
Please consider the following suggested motion:

SUGGESTED MOTION
I move to increase SEAPA's FY2016 budget by \$93,309.50, for SEAPA's 50% share of the cost of an upgrade to the connection to the Wrangell/SEAPA substation.

Attachments:

- #1 One-Line Drawing
- #2 Estimate for WMP&L Feeder Distribution Upgrade

Wrangell/SEAPA Substation Upgrade



Estimate

WRANGELL MUNICIPAL LIGHT & POWER

DATE 1/21/2016

Estimate for: **WML&P Feeder Distribution Upgrade**

JOB DESCRIPTION: Upgrade Feeder Risers, SEAPA /WRG Substation

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
2500	350 MCM CU	\$ 7.25	\$ 18,125.00
1000	4/0 URD CU	\$ 4.96	\$ 4,960.00
100	4" PVC Conduit 10' long	\$ 18.05	\$ 1,805.00
2	4" Metal Conduit 10' long	\$ 155.00	\$ 310.00
48	600 amp term kits	\$ 85.50	\$ 4,104.00
24	200 amp term kits	\$ 75.90	\$ 1,821.60
4	S&C PMH-13 600 amp class padmount switches	\$ 16,518.00	\$ 66,072.00
2	JB Boxes 200 amp class	\$ 1,800.00	\$ 3,600.00
2	55' class 3 utility poles	\$ 1,014.00	\$ 2,028.00
4	Nordic Pads for S&C Switches	\$ 1,800.00	\$ 7,200.00
2	55' class 3 utility poles	\$ 1,014.00	\$ 2,028.00
			\$ -
160	4 man line crew per hr	\$ 260.00	\$ 41,600.00
40	bucket truck per hr	\$ 85.00	\$ 3,400.00
40	digger/derrick truck per hr	\$ 65.00	\$ 2,600.00
			\$ -
	backhoe time and bedding material		\$ 10,000.00
			\$ -
	10% contingency		\$ 16,966.00
			\$ -
			\$ -
			\$ -
			\$ 186,619.60

Estimate for the materials required to replace and upgrade the existing SEAPA/WML&P Substation underground conductors and pole risers.



SEAPA 2016 BOARD MEETING DATES

Date(s)	Location	Comments
April 28 (Thurs)	Ktn	9-5
June 8-9 (Wed-Thurs)	Psg	Split Mtg: Wed 1-5/Thurs 9-2
August 25 (Thurs)	Ktn	9-5
October 12-13 (Wed-Thurs)	Wrg	Split Mtg: Wed 1-5/Fri 9-2
December 14 (Wed)	Ktn	9-5

2016

January							February							March							April							
S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	
					1	2		1	2	3	4	5	6			1	2	3	4	5						1	2	
3	4	5	6	7	8	9	7	8	9	10	11	12	13	6	7	8	9	10	11	12	3	4	5	6	7	8	9	
10	11	12	13	14	15	16	14	15	16	17	18	19	20	13	14	15	16	17	18	19	10	11	12	13	14	15	16	
17	18	19	20	21	22	23	21	22	23	24	25	26	27	20	21	22	23	24	25	26	17	18	19	20	21	22	23	
24	25	26	27	28	29	30	28	29						27	28	29	30	31			24	25	26	27	28	29	30	
31																												
May							June							July							August							
S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	
1	2	3	4	5	6	7				1	2	3	4						1	2		1	2	3	4	5	6	
8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13	
15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20	
22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23	21	22	23	24	25	26	27	
29	30	31					26	27	28	29	30			24	25	26	27	28	29	30	28	29	30	31				
														31														
September							October							November							December							
S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	S	M	T	W	Th	F	S	
					1	2							1		1	2	3	4	5							1	2	3
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12	4	5	6	7	8	9	10	
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24	
25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30				25	26	27	28	29	30	31	
							30	31																				

(See attached for additional information on 2016 meeting dates and events)

2016 MEETING DATES | EVENTS

DATE	ORGANIZATION	EVENT LOCATION
FEBRUARY		
11-12 (T-F)	SEAPA	Board Meeting – Wrangell
15	SEAPA	HOLIDAY – President's Day
16-18	NW Hydroelectric Association	Annual Conference (Portland)
24-25	Alaska Power Association	Legislative Conference (Juneau)
MARCH		
15-16	Southeast Conference	Mid-Session Summit (Juneau)
APRIL		
25-27	National Hydro Association	Annual Conference (Washington, DC)
28 (T)	SEAPA	Board Meeting - Ketchikan
MAY		
15-18	NWPPA	76 th Annual Conference & Membership Meeting (Tulalip, WA)
17-18	Northwest Hydro Association	NW Hydro Operator's Forum (Eugene, OR)
30	SEAPA	Holiday – Memorial Day
JUNE		
7-9	Alaska Power Association	Federal Legislative Conf. (Washington, DC)
8-9 (W-T)	SEAPA	Board Meeting - Petersburg
JULY		
4	SEAPA	Holiday – Independence Day
26-29	HydroVision International	Conference – Minneapolis, Minnesota
AUGUST		
25 (T)	SEAPA	Board Meeting - Ketchikan
SEPTEMBER		
5	SEAPA	HOLIDAY – Labor Day
20-22	Southeast Conference	Annual Meeting (Petersburg)
21-23	Alaska Power Association/AIE	Annual Meeting (Cordova)
OCTOBER		
12-13 (W-T)	SEAPA	Board Meeting - Wrangell
17-21 (Estimate)	SEAPA	Annual Audit
Late October	Alaska Power Association	Accounting & Finance Workshop (Anchorage)
NOVEMBER		
11	SEAPA	HOLIDAY – Veteran's Day
24-25	SEAPA	HOLIDAY – Thanksgiving
DECEMBER		
7-8	Alaska Power Association/AIE	December Meeting Series (Anchorage)
14 (W)	SEAPA	Board Meeting - Ketchikan
23 & 26	SEAPA	Holidays – Christmas Eve & Christmas Day

OTHER EVENTS/MEETINGS

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

X/Administration/2016 MEETING DATES (Updated 1.29.2016).docx