
ASSOCIATION OF POWER BIOLOGISTS



2017 Conference Minutes

August 29th – 31st, Centralia, Washington

58th Association of Power Biologists Annual Conference

The 58th APB Conference was hosted by Tacoma Power in Centralia, Washington and featured a tour of the Cowlitz River Hydroelectric Project.

Meeting Attendees

1	Aaron Utz	Idaho Power	26	John Swett	USBR
2	Al Solonsky	Seattle City Light	27	Kaitlin Schnell	USACE
3	Amy Krisch	PG&E	28	Karrie Gibbons	USACE
4	Andrew Derugin	USACE	29	Kevin Barnes	AzG&T
5	Andrew Traylor	USACE	30	Kyle Mundy	USACE
6	Arnie Aspelund	Puget Sound Energy	31	Kyle Tidwell	USACE
7	Bob Cordie	USACE	32	Madelyn Martinez	USACE
8	Brian Bissel	USACE	33	Marc Wicke	Salt River Project
9	Chris Karchesky	PacifiCorp	34	Margaret David	PGE
10	Chris Walker	USACE	35	Mark Ferraiolo	PacifiCorp
11	Christopher Noyes	Tacoma Power	36	Matt Bleich	Tacoma Power
12	Cindy Swanberg	Tacoma Power	37	Matt Peter	Tacoma Power
13	Clare Keane	PG&E	38	Nathan Zorich	USACE
14	Conor Flynn	Arizona Public Service	39	Nick Ackerman	PGE
15	Dan Cramer	PGE	40	Philip Sandstrom	Tacoma Power
16	Douglas Bruland	PSE	41	Rachael Poston	Southern Cal. Edison
17	Eric Shoblom	Tacoma Public Utilities	42	Rich Grost	PacifiCorp
18	Erik Lesko	PacifiCorp	43	Summer Peterman	PacifiCorp
19	Erin Kovalchuk	USACE	44	Terry Murphy	USBR
20	Erin Lowery	Seattle City Light	45	Timothy Hoffnagle	Tacoma Power
21	Garth Wyatt	PGE	46	Tony Fuchs	Puget Sound Energy
22	Gina Morimoto	PG&E	47	Travis Nelson	Tacoma Power
23	Gregg Garnett	USBR	48	Zach Day	USACE
24	Jamie Murphy	Tacoma Power			
25	Jason Schilling	Douglas County PUD			

Tuesday August 29th

Residing APB President and Treasurer Dan Crammer welcomed participants and gave a few opening remarks regarding the 58th APB meeting. He also introduced fellow officers Chris Karchesky (Vice Present) and Matt Bleich (Secretary). He also recognized Sarah Ball with Edison Electric Institute (EEI) who provided financial support for the 2017 APB meeting.

Presentations

Garth Wyatt - Portland General Electric

Population level response to 21st century fish passage infrastructure in the upper Clackamas River basin

Arnie Aspelund - Puget Sound Energy

Nearly a Decade Later – Sockeye Production in the Baker Basin

Rachael Poston - Southern California Edison

Power of GIS Map Viewing Tools – Consolidation and Standardization of Data

Conor Flynn - Arizona Public Service

NEPA and Integrated Vegetation Management

*Kyle Tidwell - US Army Corps of Engineers

Pinniped monitoring

Chris Noyes - Tacoma Power

Cushman Downstream Passage

Cindy Swanberg/Eric Shoblom - Tacoma Power

Cowlitz wildlife and fish facilities tour preview

*As determined by a confidential vote, the award for best presentation went to Kyle Tidwell.

APB Annual Bowling

Following the conclusion of the first day of presentations, participants traveled to Fairway Lanes Centralia, WA for the opening night social.

Wednesday August 30th

Project Tour - Cowlitz Hydroelectric Project

Two separate tours were offered, one that focused on the various issues and infrastructure associated with project's aquatic implementation and monitoring programs, and the other that focused on the project's terrestrial wildlife and land management programs. Tacoma Power's Jamie Murphy and Chris Foster facilitated the group tour of the Cowlitz Salmon Hatchery and Cowlitz Falls North Shore Collector, while Eric Russell and Cindy Swanberg facilitated the Terrestrial Tour. Many of the programs highlighted were those recently implemented as part of the recent improvements made by Tacoma Power. Participants were allowed to choose which tour they would like to attend.



Cowlitz Salmon Hatchery

Aquatics Tour

The first stop of the Aquatics Tour was at the Cowlitz Salmon Hatchery, one of the largest fish hatcheries in the state. Jamie Murphy provided an overview of Tacoma Power's hatchery program and operations. Eric Shoblom answered questions as to how the hatchery is designed to help meet program goals. Participants were then allowed to tour the facility and observe operations as adults spawned. The next stop was Cowlitz Falls Dam where Chris Foster

discussed the Cowlitz Falls North Shore Collector, some of the unique design features and some of the challenges associated with operating a collector at a facility operated by a neighboring utility. Chris then lead a tour and participants were allowed full access to observe operations.



Terrestrial Tour

The Terrestrial Tour was led by Eric Russell and Cindy Swanberg and provided an overview of the roughly 14,200 acre Cowlitz Wildlife Area. The tour started at the Washington Department of Fish and Wildlife (WDFW) office in Morton where the Cowlitz Wildlife Area hosted a talk by wildlife scientist Nicholle Stephens on the fisher reintroduction which occurred nearby and the status of elk hoof disease. By then the clouds had lifted and the first tour stop was the top of Dog Mountain, a well-known hang-glider launch offering wide views of Riffe Lake. There Tacoma Power led discussions about the Wildlife Settlement Agreement after nearly 25 years of experience and the challenges posed by the new lower level of Riffe Lake. The group joined the Aquatic Tour in Tacoma's Taidnapam Park for lunch. The remaining time was spent at the

Peterman Hill Unit of the Cowlitz Wildlife Area discussing forest management. Some participants took a short hike on the trail where it is rumored a banana slug was sighted!



APB Dinner Banquet –

After a full day spent touring the Cowlitz River Hydroelectric Project, the day culminated with the annual APB dinner banquet at McMenamins Olympic Club in downtown Centralia, WA.

Thursday August 31st

Presentations

Nathan Zorich - US Army Corps of Engineers

Evolution of mechanical lamprey counters in Lamprey Passage Structures

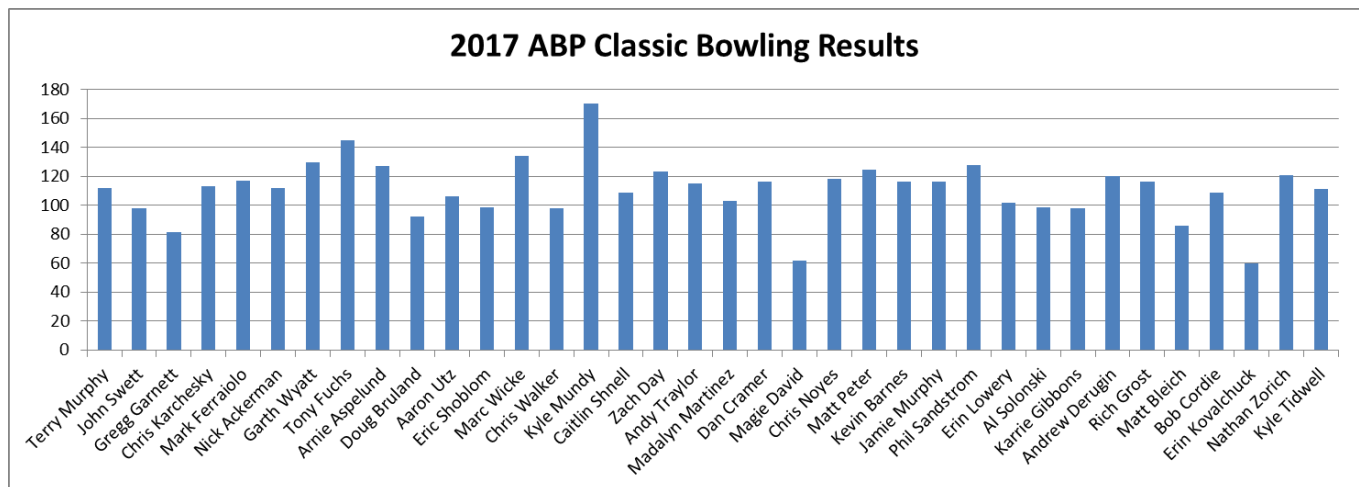
Matt Peter - Tacoma Power

Cowlitz Operation Spill – Total Dissolved Gas

Meeting Awards

The award for best presentation was given to Kyle Tidwell for his presentation on pinniped monitoring at Bonneville Dam.

The bowling trophy was awarded to Kyle Mundy (Tacoma Power). Kyle claimed the title by bowling the highest single game average in APB memory (240) and the highest two game average of 170. The low single game score was bowled by Magie David with a 44, while the low two game average was bowled by Erin Kovalchuck with 60.



Business Meeting – Friday, October 9th

President Dan Cramer called the business meeting to order following the conclusion of the presentations on Friday.

Orders of Business

Old Business

Review of the 2016 Meeting Minutes: Secretary Matt Bleich read excerpts from the 2016 meeting minutes (Hosted by PacifiCorp, Vancouver, WA) to the group. The meeting minutes were approved.

New Business

1. Treasury Report: Dan Cramer presented the Treasury Report at the meeting. The report is included in the meeting minutes below.
 - a. APB carried over a balance of \$2,199.94 from the 2016 meeting. Total expenses for APB in 2017 were \$5,810.00. The meeting cost and annual business expenses were shared among 48 attendees who paid a registration fee of \$65 and a cash

sponsorship from Edison Electrical Institute in the amount of \$4,000. After the completion of the 2017 meeting the APB treasury balance was \$3,445.20.

- b. Litehouse Technology, LLC continued to do the website hosting. Total website fees for the year were \$40.34 for the annual GoDaddy domain renewal fee and \$280.00 to Lithouse Technology for administrative costs.

2017 Conference Balance Sheet			
Description	Debit	Credit	Balance
2016 Carry Over		\$2,199.94	
EI Contribution		\$4,000.00	
Registration Fees		\$3,055.00	
GoDaddy Fee	\$40.34		
Bowling & Refreshments	\$753.25		
Holiday Inn Meeting Room	\$649.20		
Meeting Refreshments (Tues)	\$218.60		
Meeting Refreshments (Thurs)	\$148.19		
PayPal fees	\$61.32		
Banquet	\$2,543.32		
Tour Snacks	\$52.00		
Tour Lunch	\$915.82		
Litehouse (web hosting)	\$280.00		
Awards	\$147.96		
Interest		\$0.26	
TOTAL	\$5,810.00	\$9,255.20	\$3,445.20

- 2. Candidate/New Members: Dan Cramer read the list of all candidate/new members who submitted completed applications.
 - a. Candidate Members declared for 2017:
 - i. Sean Moura – Hawaiian Electric Company. Employed by Hawaiian Electric Company for 2.5 years. Will be eligible for full membership following attendance at first APB meeting.
 - ii. Fred Goetz – USACE. Employed by USACE for 25 years. Will be eligible for full membership following attendance at first APB meeting.
 - iii. Eric Shoblom – Tacoma Power. Employed by Tacoma Power for 1 year, 10 months. First APB meeting attended. Will be eligible for full membership in 2018.

b. Full Members declared for 2017:

- i. Jason Schilling – Douglas County PUD. In attendance for his second APB conference and accepted for full membership.
 - ii. Summer Peterman – PacifiCorp. In attendance for her second APB conference and accepted for full membership.
 - iii. Clare Keane – PG&E. Employed by PG&E for 7 years. Accepted for full membership.
 - iv. Gina Morimoto – PG&E. Employed by PG&E for 8.5 years. Accepted for full membership
 - v. Rachael Poston – Southern California Edison. Employed by Southern California Edison for 6 years. Accepted for full membership
 - vi. Kaitlin Schnell – USACE Seattle. Employed by the USACE for 3 years. Accepted for full membership.
 - vii. Kyle Tidwell – USACE. Employed by USACE for 2.5 years. Accepted for full membership.
 - viii. Christopher Noyes – Tacoma Power. Employed by Tacoma Power for 2 years. Accepted for full membership.
 - ix. Erin Lowery – Seattle City Light. Employed by Seattle City Light for 3 years. Accepted for full membership.
3. Host of the 2018 Meeting: There was a discussion about possible host utilities in 2018. Potential utilities discussed were PGE's Clackamas River Project and Southern California Edison. Rachael Poston (Southern California Edison) indicated that Southern California Edison would be willing to host. It was decided that Southern California Edison would host the meeting.
4. Officer Nominations and Elections: Rachael Poston (Southern California Edison) was nominated by Dan Cramer. Rachael's election was discussed by the group and she was unanimously voted in as APB secretary/treasurer. Congratulations Rachael!
5. Special Acknowledgements: The 2017 APB Officers would like to thank Tacoma Power for hosting this year's meeting. APB would also like to thank outgoing President/Treasurer, Dan Cramer, for all his work for the organization over the last three years.

We would also like to extend a very special thank you to Sarah Ball of the Edison Electric Institute for EEI's generous contribution of \$4,000. This was Sarah's 6th year of

providing the APB group with funding. This funding keeps cost down for attendees and greatly improves the planning process for the APB officers.



We look forward to seeing everyone in 2018!

ASSOCIATION OF POWER BIOLOGISTS



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