
ASSOCIATION OF POWER BIOLOGISTS



2019 Meeting Agenda

September 18th – 20st, Troutdale, Oregon

Wednesday, September 18th, 2019

Location – McMenamins Edgefield Ballroom, Troutdale, Oregon

- 10:30 am Registration
- 11:30 – 12:30 pm Light lunch and refreshments
- 12:30 pm President's Opening Remarks
- 12:40 – 1:00 Andrew Gingerich (Douglas PUD): "Congratulations! You Have a Clean Water Act Required Section 401 Certification, But Do you Need a Section 402 NPDES Permit for Your Hydro Project?"
- 1:00 – 1:20 Nathan Zorich (US Army Corps of Engineers) "Columbia River Federal Navigation Channel Dredging and Streaked Horned Larks – a success story!"
- 1:20 – 1:40 Peter Graf (Grant PUD): TDG Compliance – Minding the Gaps
- 1:40 – 2:00 Peter Graf (Grant PUD): High Productivity and Hydropower: Flow Protection in the Hanford Reach
- 2:00 – 2:10 Break
- 2:10 – 2:30 Dan Cramer (PGE): TMDL – Let's Get Creative!
- 2:30 – 2:50 Chris Karchesky (PacifiCorp): The Swift Reservoir Floating Surface Collector: A Review of Progress Made and Plans for the Future.
- 2:50 – 3:30 Florian Leischner (Tacoma Power) & Todd Olson (PacifiCorp): In- lieu of Fish Passage Funding Programs: Thinking Outside the Box to Benefit Fish | Cowlitz Recovery and Restoration Fund and Lewis River In-lieu fund Decision
- 3:30 – 4:00 Garth Wyatt (PGE) State of the Union: Project Overview and Tour Preview

APB Game Night Social

Unfortunately, all bowling alleys in the Portland Metro area have league night bowling Wednesday September 18th. We have decided to switch gears and take advantage of the 9-hole range at Edgefield! Tee times will be staggered every 10 minutes starting at 4:30 pm. Spots are limited and will go to the first 40 people to sign up. If you would like to golf you may send me an email

(Margaret.david@pgn.com) beforehand reserving your spot or you can sign up during registration. You are welcome to bring your own clubs or APB will cover the cost for rentals. Please note that we will be unable to provide food for the social event on Wednesday night. Please plan accordingly. That said we will hand out two drink vouchers (beer or wine) for you to use anywhere on the compound. (**Tee off times:** 4:30; 4:40; 4:50; 5:00; 5:10; 5:20; 5:40; 5:50; 6:00)

4:30 – 6:30 pm

9-hole course at Edgefield, Troutdale, Oregon

Thursday, September 19th, 2019

APB Meeting Tours: Portland General Electric Hydro Project

Summary: The 2019 APB Annual Meeting Tour will take place at the PGE Hydroelectric Project located in Estacada, Oregon. The main Project consists of three dams with both upstream and downstream passage for anadromous salmon, steelhead and Pacific Lamprey. Since building our first fish ladder in 1907, PGE has made major strides in improving passage through our Project to keep fish populations strong on the Clackamas River. Specifically, since 2006 PGE has spent more than \$90 million to modernize and improve passage systems, as well as, restore habitat upstream and downstream of the Project. Beyond fish protection measures, PGE has spent an additional \$100 million in the implementation of various terrestrial, recreational and cultural resources throughout the Project. You will get an up-close look at the Project and will be able to see many of the terrestrial, aquatic and recreational improvements first hand during the APB Tour. APB will be arranging transportation from the hotel to the Portland General Electric Hydroproject for the tour on Thursday.

Snapshot:

8:20 am – 5:00 pm **Tour of the Clackamas River Hydroelectric Project**

8:20 am

Depart Edgefield.

9:15 am

Morning Terrestrial and Aquatic Tours

11:45 – 12:15 pm

PGE Sponsored Lunch at PGE Park

12:15 – 4:30 pm

Afternoon Joint Tour continue

5:00 pm

Return to Edgefield

Aquatics Tour: Morning

8:20 am

Depart from Edgefield

9:00 am

Arrive to Project

9:15 am

River Mill Dam and Timber Park Juvenile Sorting Facility– Review Project operations, tour juvenile collection and sorting facilities, tour fish ladder, discuss Pacific lamprey passage and review lower river gravel augmentation program.

10:30 am

North Fork Adult Sorting Facility – Discuss adult passage success and Pacific lamprey passage challenges, tour facility and observe operations

11:00 am

North Fork Dam – Review passage standards, discuss juvenile passage, collection systems and tour facility.

Terrestrial Tour: Morning

- 8:20 am Depart from Edgefield
- 9:00 am Arrive to Project
- 9:30 am Crack-in-The-Ground Small Hydro Project: Discuss spotted owl requirements, Cold Water Corydalis monitoring, gravel augmentation program, and water management in the Oak Grove Fork.
- 10:00 am Oak Grove Pipeline- View several small and large animal crossings along the 5.4 mile long pipeline. Discuss animal use and vegetation management along the pipeline.
- 10:30 am Davis Ranch Wetland Restoration- Visit site of a 1 acre wetland restoration completed in 2014. Discuss the historical use of the site, post project monitoring, and invasive/native plant management.
- 11:30 am Promontory Park Elodea Management and Vegetation Management Plan (if time permits)

Joint afternoon Tour

- 11:45 pm Lunch – Promontory Park (view Habitat Structures A.K.A. Shibatat)
- 12:30 pm Leave Promontory Park for Sullivan Powerhouse.
- 1:15 pm Sullivan Powerhouse – Tour oldest powerhouse west of the Mississippi River. Review passage structures implemented since new license. (Great Photo Point: Willamette Falls)
- 3:45 pm Goose Creek Restoration Project– Discuss Shade our Streams Program/TMDL Requirements (**if time permits)
- 4:30 pm Depart Goose Creek
- 5:00 pm Arrive at Edgefield

APB Social Banquet

6:30 – 9 pm McMenamins Edgefield Ballroom

Friday, September 20, 2019

Location – McMenamins Edgefield Ballroom, Troutdale, Oregon
2019 APB Business Meeting

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| 9:00 am | Golf Results |
| 9:15 – 10:15 am | APB Meeting Presentations |
| 9:15 – 9:35 am | Day (Army Corps of Engineers): American White Pelican, Fish Predation at the Dalles Dam, Dip and Tip Counts. |
| 9:35 – 9:55 am | Tony Fuchs (Puget Sound Energy): Terrestrial Resource Management Plan for the Baker River License |
| 9:55 – 10:15 am | Rachael Poston (Edison Electric): SCE's Region 5 US Forest Service Master Special Use Permit |
| 10:15 am | Business Meeting |
| 11:00 am | President's Closing Remarks and Adjourn |

Meeting Fee

The Edison Electric Institute has once again offered to provide financial support to our organization. With their support, the annual meeting fee will be \$100. Please visit <http://www.powerbiologists.org/register/> to register and pay with paypal online. Contact Rachael Poston (Rachael.Poston@sce.com, 626-260-5024) with any questions or to pay with check/credit card.

Presentations and New Membership

If you would like to be a presenter at the 2019 APB Annual Meeting, please start thinking about topics to present. We encourage existing and potential members to step forward to discuss topics relevant to utility relicensing and compliance. A lot of new and interesting challenges have been met by utility resource managers in recent years and APB membership are anxious to hear about your successes (and failures). If you are interested in presenting, please contact Maggie David at 503-630-8215 or Margaret.david@pgn.com.

New members are encouraged to apply and are welcome to attend the 2019 APB Annual Meeting. An application and membership requirements are appended to this announcement. New applications can be mailed to Maggie David, APB Secretary (Portland General Electric, 33831 SE Faraday Road Estacada, Oregon 97023 or Margaret.David@pgn.com).

Lodging



McMenamins Edgefield Hotel and Spa – Troutdale Oregon
2126 S.W. Halsey St., Troutdale, OR 97060
(503) 669-8610

McMenamins Edgefield Hotel and Spa – Rooms were only held until ***July 18th***.
Check with Edgefield to see if rooms are still available.

There are several other options for lodging close by:

I reserved 10 rooms for September 18th and 19th at the Holiday Inn Express Portland East. Room rates are locked at \$120 plus tax and will be held until Sept. 1. To make a reservation, please call Holiday Inn Express Portland East directly and mention that you are part of the Association of Power Biologists or APB to get a reserved room.

Holiday Inn Express Portland East
477 NW Phoenix Dr, Troutdale, OR 97060
(503) 669-6500

Best Western Plus Cascade Inn & Suites
23525 NE Halsey St, Troutdale, OR 97060
(503) 491-9700

We look forward to seeing you in September!

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