



## Department of Energy

Bonneville Power Administration  
P.O. Box 3621  
Portland, Oregon 97208-3621

FREEDOM OF INFORMATION ACT/PRIVACY PROGRAM

November 22, 2023

In reply refer to: FOIA #BPA-2021-00488-F

**SENT VIA EMAIL:** [knguyen@hueston.com](mailto:knguyen@hueston.com), [cfligor@hueston.com](mailto:cfligor@hueston.com)

Khoa Nguyen and Craig Fligor  
Hueston Hennigan LLP  
620 Newport Center Drive, Suite 1300  
Newport Beach, California 92660

Dear Colleagues,

This communication is the final response to your records request submitted to the Bonneville Power Administration (BPA) and made via the Freedom of Information Act, 5 U.S.C. § 552 (FOIA). Your request was received on March 24, 2021, and formally acknowledged on April 6, 2021.

### Request

- “1. All photographs or videos from September 6, 2020 to present, depicting any fire activity, including the Beachie Creek Fire or any indicia thereof (i.e., smoke, ash, burning, evacuation), within the Santiam Canyon Area, whether created by any employee in your office, the BPA, any other responding agency, or any witness to the fire or member of the public. Please include any information identifying the location, date, and time (such as filenames) of such photographs or videos; and the full name(s) and contact information for the photographer(s)/videographer(s) of such photographs or videos.) [And,]
2. All photographs and videos from September 6, 2020 to September 13, 2020 depicting PacifiCorp-owned or operated equipment, including conductors, power lines, and poles. Please include any information identifying the location, date, and time of such photographs or videos (such as filenames, logs, or notes); and the full name(s) and contact information for the photographers or videographer(s) of such videos in the Santiam Canyon Area. [And,]
3. All videos or footage from September 6, 2020 to September 13, 2020 from the BPA’s cameras, webcams, surveillance cameras, and/or fire cams depicting the Beachie Creek Fire. [And,]
4. All videos or footage from September 6, 2020 to September 13, 2020 from the BPA’s cameras, webcams, surveillance cameras, and/or fire cams in or around the Santiam Canyon Area. [And,]
5. Any and all rain gauge, wind, temperature, and other meteorological measurements, including associated GPS or other location data, made during the Beachie Creek Fire, from September 6,

2020 to September 13, 2020, including any measurements received from the National Weather Service. If this data is publicly available, please provide the internet hyperlink. [And,]

6. All meeting minutes, notes, agendas, summaries, reports, correspondence or other records of communication related to the Beachie Creek Fire, including email communications and non-final or draft versions thereof, from September 6, 2020 until present. [And,]

7. All documents related to operational activities related to BPA'S electric transmission system in the Santiam Canyon Area, including Supervisory Control and Data Acquisition (SCADA) data and outage, interruption, relay, and/or fault records, from September 5, 2020 to September 13, 2020. [And,]

8. Any and all inspection records for BPA electrical facilities within the Santiam Canyon Area for the five years preceding the Beachie Creek Fire, including maps of such electrical facilities.”

[For purposes of this request — 1. “Santiam Canyon Area” will mean in and around the Santiam Canyon area in Oregon, including the area generally west of Detroit and east of Salem, near the county line between Marion and Linn Counties and Route 22, and including the communities of Lyons, Mill City, and Gates, Oregon. 2. “Beachie Creek Fire” will mean the wildfire in Oregon beginning on or about August 16, 2020, which burned 193,573 acres and which was officially contained October 31, 2020. 3. “Including” or “includes” will mean including but not limited to.]

### **Previous Responses**

- A first partial response concerning item 5 was provided on June 4, 2021.
- A second partial response concerning items 3 and 4 was provided on June 24, 2021.
- A third partial response concerning items 1 and 2 was provided on August 9, 2021.
- A fourth partial response concerning items 1 and 2 was provided on October 25, 2021.
- A fifth partial response concerning item 7 was provided on February 2, 2022.
- A sixth partial response concerning item 7 was provided on June 16, 2023.

### **Seventh Partial and Final Response**

In an effort to release responsive records to you expediently, and within the constraints of agency resources, BPA has been releasing responsive records to you in partial installments. This communication continues that partial release plan. This final response concerns item 6 of your FOIA request. BPA's Cyber Forensics office collected 524 pages of responsive records. Eleven pages are being withheld in full under 5 U.S.C. § 552(b)(5) (Exemption 5). The remaining 513 pages accompany this communication with two redactions made under Exemption 5 and 80 redactions made under 5 U.S.C. § 552(b)(6) (Exemption 6).

### **Explanation of Exemptions**

The FOIA generally requires the release of all agency records upon request. However, the FOIA permits or requires withholding certain limited information that falls under one or more of nine statutory exemptions (5 U.S.C. §§ 552(b)(1-9)). Further, section (b) of the FOIA, which contains the FOIA's nine statutory exemptions, also directs agencies to publicly release any reasonably segregable, non-exempt information that is contained in those records.

### Exemption 5

Exemption 5 protects “inter-agency or intra-agency memorandums or letters which would not be available by law to a party other than an agency in litigation with the agency” (5 U.S.C. § 552(b)(5)). In plain language, the exemption protects privileged records. The FOIA’s Exemption 5 deliberative process privilege protects records showing the deliberative or decision-making processes of government agencies. Records protectable under this privilege must be both pre-decisional and deliberative. A record is pre-decisional if it is generated before the adoption of an agency policy. A record is deliberative if it reflects the give-and-take of the consultative process, either by assessing the merits of a particular viewpoint, or by articulating the process used by the agency to formulate a decision.

Here, BPA relies on Exemption 5 here to protect eleven pages of draft records created by Engineering Systems Inc (ESi), a consultant employed by BPA to create a wildfire report. ESi had a formal, contractual, paid relationship with BPA and functioned as if they were agency employees. As such, these draft records meet the threshold of interagency records. These records are pre-decisional, as they were created before publication of the final wildfire report; and the records are deliberative, as they represent the examinations and discussions of the evidence gathered to create the report. Records protected by Exemption 5 may be discretionarily released. BPA has considered and declined a discretionary release of the pre-decisional and deliberative information in these eleven pages because disclosure would cause confusion and ambiguity around the work product and associated opinions. Therefore, these 11 pages of records are being withheld. Please note, however, that we are releasing the final wildfire report in full with no redactions.

BPA also relies on Exemption 5 to protect one paragraph of a record related to the Boardman to Hemingway (B2H) transmission-line project. This record contains pre-decisional, deliberative information regarding the agency’s possible litigation against B2H project stakeholders. Records protected by Exemption 5 may be discretionarily released. BPA has considered and declined a discretionary release of this pre-decisional and deliberative information in this paragraph disclosure harm the agency’s position in potential litigation. A further Exemption 5 redaction, on one page, concerns a proposed potential response to a COVID-19 issue. This proposal was ultimately rejected.

### Exemption 6

Exemption 6 serves to protect Personally Identifiable Information (PII) contained in agency records when no overriding public interest in the information exists. BPA does not find an overriding public interest in a release of the information redacted under Exemption 6—specifically, mobile phone numbers, personal phone numbers, and passcodes for phone and WebEx conferences. This information sheds no light on the executive functions of the agency and BPA finds no overriding public interest in its release. BPA cannot waive these redactions, as the protections afforded by Exemption 6 belong to individuals and not to the agency.

Lastly, as required by 5 U.S.C. § 552(a)(8)(A), information has been withheld only in instances where (1) disclosure is prohibited by statute, or (2) BPA foresees that disclosure would harm an interest protected by the exemption cited for the record. When full disclosure of a record is not possible, the FOIA statute further requires that BPA take reasonable steps to segregate and release nonexempt information. The agency has determined that in certain instances partial disclosure is possible and has accordingly segregated the records into exempt and non-exempt portions.

### **Fees**

There are no fees associated with processing your FOIA request.

### **Certification**

Pursuant to 10 C.F.R. § 1004.7(b)(2), I am the individual responsible for the final FOIA response described above. Your FOIA request BPA-2021-00488-F is now closed with the responsive agency information provided.

### **Appeal**

Note that the records release certified above is final. Pursuant to 10 C.F.R. § 1004.8, you may appeal the adequacy of the records search, and the completeness of this final records release, within 90 calendar days from the date of this communication. Appeals should be addressed to:

Director, Office of Hearings and Appeals  
HG-1, L'Enfant Plaza  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585-1615

The written appeal, including the envelope, must clearly indicate that a FOIA appeal is being made. You may also submit your appeal by e-mail to [OHA.filings@hq.doe.gov](mailto:OHA.filings@hq.doe.gov), including the phrase "Freedom of Information Appeal" in the subject line. (The Office of Hearings and Appeals prefers to receive appeals by email.) The appeal must contain all the elements required by 10 C.F.R. § 1004.8, including a copy of the determination letter. Thereafter, judicial review will be available to you in the Federal District Court either (1) in the district where you reside, (2) where you have your principal place of business, (3) where DOE's records are situated, or (4) in the District of Columbia.

Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer. The contact information for OGIS is as follows:

Office of Government Information Services  
National Archives and Records Administration


8601 Adelphi Road-OGIS  
College Park, Maryland 20740-6001  
E-mail: [ogis@nara.gov](mailto:ogis@nara.gov)  
Phone: 202-741-5770  
Toll-free: 1-877-684-6448  
Fax: 202-741-5769

Questions about this communication may be directed to the FOIA Public Liaison James King at [jjking@bpa.gov](mailto:jjking@bpa.gov) or 503-230-7621. Questions may also be directed to FOIA Program Lead Jason Taylor at [jetaylor@bpa.gov](mailto:jetaylor@bpa.gov) or 503-230-3537. Thank you for your interest in the Bonneville Power Administration.

Sincerely,

**RACHEL  
HULL**

Rachel L. Hull  
Freedom of Information/Privacy Act Officer

 Digitally signed by  
RACHEL HULL  
Date: 2023.11.21 16:26:46  
-08'00'

Responsive agency records accompany this communication.



# Investigative Report

## BPA Oregon Wildfire Investigation

ESi Project No: 79574P

Salem – Santiam Canyon Complex



# Investigative Provisional Report

## BPA Oregon Wildfire Investigation

ESi Project No: 79574P Salem – Santiam Canyon

### Report Prepared For:

Elizabeth V. Pickford BPA-NWF-PSB-2  
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(Via email to [evpickford@bpa.gov](mailto:evpickford@bpa.gov))  
(Via email to [jsbartlett@bpa.gov](mailto:jsbartlett@bpa.gov))

### Submitted by:

Michael M. Fitz, P.E., C.F.E.I.,  
Senior Managing Consultant

November 17, 2020  
Date

### Technical Review by:

James C. Smolka, P.E., C.F.E.I.  
Senior Consultant

November 17, 2020  
Date

This report and its contents are the Work Product of Engineering Systems Inc. (ESi). This report should only be duplicated or distributed in its entirety. This report may contain confidential or court protected information; please contact an authorized entity prior to distributing. Conclusions reached and opinions offered in this report are based upon the data and information available to ESi at the time of this report and may be subject to revision after the date of publication, as additional information or data becomes available.

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[www.engsys.com](http://www.engsys.com)

## **Introduction**

Engineering Systems Inc. (ESi) was initially contacted by Stephan Capps of BPA, to perform a wildland fire investigation of the Santiam Canyon Fire east of Salem, OR.

Specifically, ESi was asked to evaluate if a tree or any specific BPA equipment was located at the origin area of a fire, and if so, document the scene and equipment and to recommend securing any evidence at that location, if requested. Due to a potential conflict, ESi was not asked to specifically analyze the potential cause of the fire at a specific location.

This report, and the opinions and conclusions stated throughout, are based on the education, training, and experience of the authors, as well as the scene investigations, interviews and review of materials that have been conducted in this matter to date. The opinions and conclusions are stated to a more probable than not basis.

## **Executive Summary**

During an extreme windstorm on September 7-8, 2020 (September Windstorm), three existing fires, Beachie Creek, P-515 and Lionshead which all started in August 2020 blew up and traveled to the west, eventually meeting north of Detroit, OR. As of October 28, 2020, the Beachie Creek fire was 193, 573 acres and as of October 17, 2020 the Lionshead fire was 204,469 acres.

During September Windstorm event, there were five recorded faults on the BPA 230 kV lines in the Santiam canyon to the east. After the fire, two trees were found together in the lines of the Jones Canyon - Santiam #1 Line about 200 feet east of Structure 123/1, which is northeast of Detroit Oregon. A third tree was discovered in the Big Cliff Power House (PH) – Detroit PH Line. All these locations are shown in the large view, Figure 1. No other trees were found in the xxx lines nor were any equipment failures associated with the xxx lines were found.

After the fire was suppressed/burned out in the area ESi traveled to Detroit, OR and the surrounding area. During this investigation and analysis in this matter, two trees were found leaning on the north lines east of Structure 123/1. At the time of the ESi inspection, two trees had been cut down and the lines energized. Examination showed that this was not an origin area as the fire spread from the east to this area. The tree in the Big Cliff PH – Detroit PH line was not involved in the fire. No origin investigations were performed in the area of the four faults to the west as no trees or damage to BPA's equipment was reported. ESi was with Steve Goins who was representing BPA during this scene work. This investigation was performed in general accordance with NFPA 921 Guide for Fire and Explosion Investigations and the National Wildfire Coordinating Group PMS 412 Guide to Wildland Fire Origin and Cause Determination.

This is a provisional report because information typically used in wildland fire investigations is not available to ESi at this time or has not been completed by other parties. This information includes data such as the original 911 calls and locations of witnesses, witness interviews, first responder and firefighter observations and reports, weather research, media research, lightning strike survey, timelines and fire progression documentation which has not been produced or reviewed. In addition, the fire origin and cause reports required to be produced



by the authorities having jurisdiction (AHJ) for the property have not been produced, such as fire and police departments.

## Investigation

ESi's investigation into the Salem area fires included a review of BPA's 230 kV lines and BPA equipment located in the Salem area. In the Salem area, there are three 230 kV lines belonging to BPA: the Detroit – Santiam #1 Line, the Jones Canyon – Santiam #1 Line, and the Big Cliff PH-Detroit PH Line. While a fault was noted in the Big Cliff PH-Detroit PH Line and a tree was found in the line, there were no fires at this location. Therefore, the faults associated with the Big Cliff PH-Detroit PH Line are not included in ESi's investigation.

The first part of this report discusses the location of the five faults that occurred during the September Windstorm.



Figure 1 Overall view from Gates east to trees at structure 123/1 on Jones Creek - Santiam #1

In time order, the first fault (1<sup>st</sup> Fault) occurred on the Big CliffPH -Detroit PH Line on 9/7/2020 at 23:48:21.755 between the A and B phases and was the easternmost fault location. The 1<sup>st</sup> Fault was sensed by the Detroit Substation as 1.25 miles beyond the Detroit PH, which is shown in Figure 2. At the time of the 1<sup>st</sup> Fault, observations from Oregon 22 looking south across Big Cliff Reservoir revealed a tree was in the Big Cliff PH-Detroit PH Line, as shown in Figure 3. Though the tree was in the line, no fire occurred at this location.

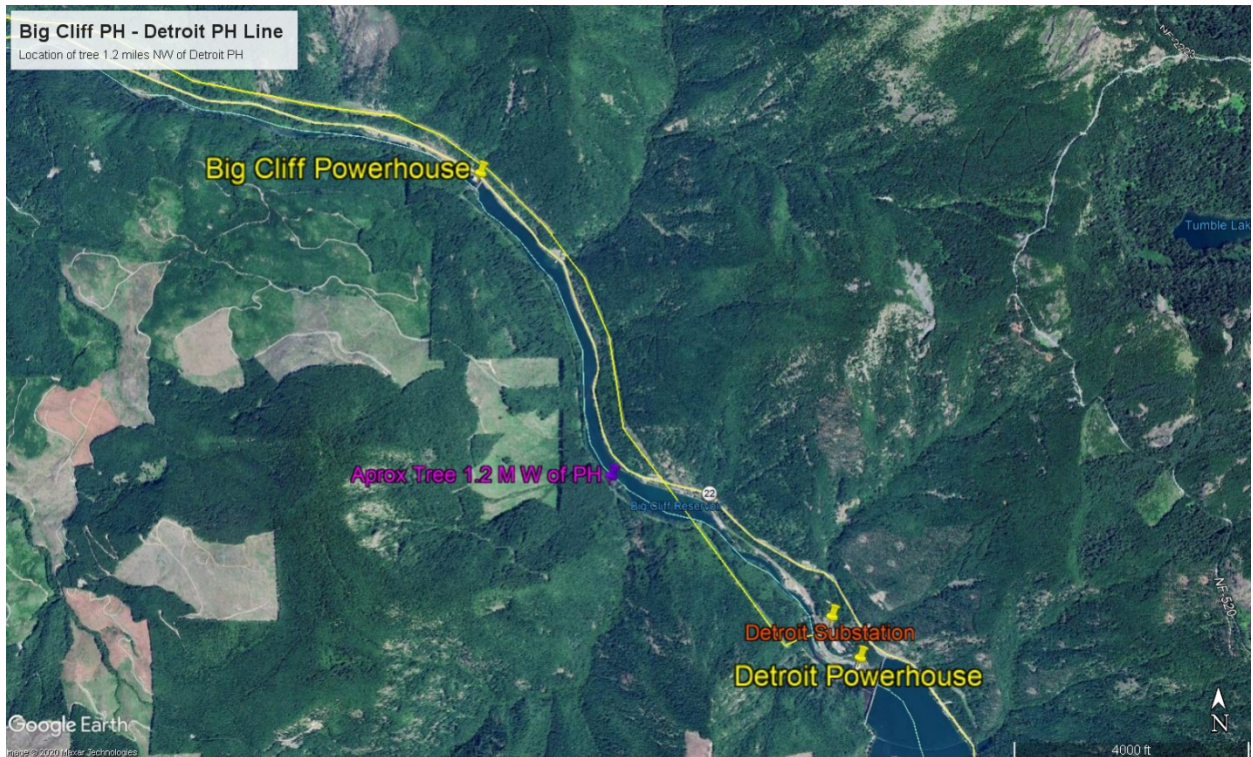


Figure 2 Location of tree between Big Cliff PH and Detroit PH



Figure 3 Looking south at tree in Big Cliff PH – Detroit PH Line, no fire at this location

On 9/8/2020 at 00:18:58.703, the second fault (2<sup>nd</sup> Fault) occurred. The 2<sup>nd</sup> Fault was between the B and C phases on the Detroit–Santiam #1 Line and was about 30 minutes after the 1<sup>st</sup> Fault. The location of the 2<sup>nd</sup> Fault was estimated to be 5.2 miles west of the Detroit Substation, which was west of the 1<sup>st</sup> Fault. The Detroit Substation’s recloser for the Detroit–Santiam #1 Line did not attempt to reenergize the line. The Detroit–Santiam #1 Line was not energized until being placed back in service on 9/10/2020 at 15:45. No damage to the line equipment in the area of the 2<sup>nd</sup> Fault was found during ESi’s investigation. Also, no damage to trees in the area of the 2<sup>nd</sup> Fault was noted during ESi’s investigation. **No fire was noted in this area. No further investigation by ESi was performed of this area.**



Figure 4 2<sup>nd</sup> Fault location to the west and north of Niagara, no trees were found in the lines

The third, fourth and fifth faults (3<sup>rd</sup> Fault, 4<sup>th</sup> Fault, 5<sup>th</sup> Fault) were found further west of the 2<sup>nd</sup> Fault. Those three faults were on the Jones Canyon - Santiam 230 kV Line and are west Niagara and south of Gates. In the area of these three faults, the Detroit - Santiam #1 Line shares structures with the Santiam – Jones Creek #1 Line. The south side of the shared structures is the Detroit - Santiam #1 Line and north side of the shared structures is the Santiam – Jones Creek #1 Line. A detailed view of area where the 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> Faults occurred and the associated structure numbers is shown in Figure 5. After the 5<sup>th</sup> Fault, the lines were de-energized and locked out. Eventually re-energized as described below. **ESi did not investigate these areas where the 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> Faults occurred. Rather, this report utilizes file materials sent to ESi for review and analysis.**



Figure 5 Locations of faults on the Jones Canyon-Santiam 230 kV line

On 9/8/2020 at 05:27:49.033, the 3<sup>rd</sup> Fault occurred. The 3<sup>rd</sup> Fault was the first fault on the Jones Canyon - Santiam #1 Line and occurred between the A and B phases. The 3<sup>rd</sup> Fault was located between Structures 138/4 and 138/5, as shown in Figure 5. The fault cleared and the substation's recloser reenergized Jones Canyon - Santiam #1 Line. **No fire or damage was reported in the area of the 3<sup>rd</sup> Fault.**

On 9/8/2020 at 05:36:25.814 the 4<sup>th</sup> Fault occurred. 4<sup>th</sup> Fault was the second fault on the Jones Canyon - Santiam #1 Line. The 4<sup>th</sup> Fault was a three phase fault and was located between Structures 139/3 and 139/4, as shown in Figure 5. The fault cleared and the substation's recloser reenergized the Jones Canyon - Santiam #1 Line. **No fire or damage was reported in the area of the 4<sup>th</sup> Fault.**

On 9/8/2020 at 05:36:34.013 The 5<sup>th</sup> Fault occurred. The 5<sup>th</sup> Fault was the third fault on the Jones Canyon - Santiam #1 Line. The 5<sup>th</sup> Fault was between the B and C phases and was located near Structure 138/1. The substation's recloser locked out and de-energized the Jones Canyon - Santiam #1 Line. **No fire or damage was reported in the area of the 5<sup>th</sup> Fault.**

During ESi investigation of the 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> Faults, there were no trees found in the Jones Canyon - Santiam #1 Line nor was there any evidence that a tree or trees had been in the lines during the September Windstorm. Also, no fire or damage was report in the area where the 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> Faults occurred. **Therefore, 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> Faults were not the initiating event related to the Salem Area Fires.** The Jones Canyon - Santiam #1 Line from the Santiam Substation to the Tumble Creek substation was re-energized on 9/10/2020 at 12:28.

Inspection of the line east from the Tumble Creek substation to Jones Canyon found two trees in the lines east of Structure 123/1. Figure 1 provides an overall view showing the location of the line in relation to Detroit. Figure 6 shows the relationship of the Jones Canyon – Santiam #1 South of the PGE Line and the location of the two trees about 200 feet east of Structure 123/1.



Figure 6 Jones Canyon-Santiam 1 at Structure 123.1 with location of trees shown in yellow, PGE lines to north.

Figures 7 and 8 show the trees in the line, looking to the east. Note that the trees are burned with branch “freezing” showing fire traveling up the hill, see discussion below. The trees shown in Figures 7 and 8 fell into the lines after they were burned and after the line had been de-energized based on the lack of faults at this location, timing of the fire coming into Detroit, and the similarity to the complete damage to the surrounding trees.



Figure 7 2 trees east of 123/1



Figure 8 Closer view of "freezing" branches

After the two burned trees were cleared, the lines between Tumble Creek and Jones Canyon were re-energized at 21:55 on September 19, 2020 with no other issues found on the system.

## **Analysis and Discussion**

ESi started the scene investigation with access roads north of the Breitenbush River and from the west to structure 123.2. Due to the condition of the roads, access was by foot from Structures 123.2 to 123.1 and the tree locations. During the walk from Structures 123.2 to 123.1, a tree was observed still hung up in the PGE lines to the north of the BPA lines.



Figure 9 - Partially burned PGE tree



Figure 10 - Unburned top.



Figure 11 - Looking E at N side of ROW from 123.1



Figure 12 - Looking down at cut trees E of 123.1



Figure 13 - Top of one tree found E of 123.1



Figure 14 - Second view of tree showing freezing



Figure 15 - Looking E showing freezing on N side of ROW



Figure 16 - Looking E showing freezing on S side of ROW

Foliage freezing is a fire pattern that causes the tips of the branches to point in the direction the fire/wind is moving. The freezing shown in Figures 10 and 11 documents that the fire approached this area from the east and that these two trees on the BPA transmission lines were not the cause of this fire.

## **Conclusions**

The following conclusions are based on the analysis to date, as well as on prior education, training, testing, engineering analysis, and experience. These opinions and conclusions, as well as those stated throughout the report, are stated on a more probable than not basis.

1. The Detroit – Santiam #1 line reportedly tripped due to a C phase fault at 00:19 on 9/8/2020. A tree was observed in the lines as shown in Figure 1, but no fire occurred at this location.
2. The scene investigation showed that the fire approached the trees and Structure 123.1 on the Jones Canyon-Santiam 230 kV Transmission line from the east. ESi has not seen the data related to the trip of this line. There is no evidence that nearby BPA transmission conductors or structures were involved or caused this fire.
3. There were no other reported trees found in the lines or damage to BPA equipment in the area of the reported faults.

ESi reserves the right to supplement or amend these findings and conclusions if additional information becomes available or based upon additional work or analysis in this matter.

**<<< End of Report Text >>>**



From: Allen, Neva J (BPA) - TFAW-REDMOND

Sent: Fri Sep 18 08:25:32 2020

To: Evans, Deanna S (CONTR) - TFR-REDMOND

Subject: FW: Fire IMT Situation Brief 9-18-20 AM.pptx

Importance: Normal

Attachments: Fire IMT Situation Brief 9-18-20 AM.pptx

FYI

**From:** Hester, Shane H (BPA) - TFAW-DOB-1 <shhester@bpa.gov>

**Sent:** Friday, September 18, 2020 7:51 AM

**To:** Cantwell, Janean C (BPA) - NNC-1 <jccantwell@bpa.gov>

**Cc:** Rehbein, Garrett D (BPA) - TF-ROSS MHQA <gdrehbein@bpa.gov>; Shoemaker, Brandee R (BPA) - TFA-DOB-1 <brshoemaker@bpa.gov>; Robertsen, Robert K (BPA) - TFV-ROSS MHQA <rkrobertsen@bpa.gov>; Schildt, Stefan J (BPA) - TFC-COVINGTON <sjschildt@bpa.gov>; Seabury, Nathan (BPA) - TFRE-REDMOND <njseabury@bpa.gov>; Allen, Neva J (BPA) - TFAW-REDMOND <njallen@bpa.gov>; Moad, Brett A (BPA) - TFHE-CSB-1 <bamoad@bpa.gov>; Bryant, Fred A (BPA) - TTCT-AMPN-1 <fabryant@bpa.gov>; Oestreicher, Al S (TFE) (BPA) - TORM-MEAD <asoestreicher@bpa.gov>; Schoenberg, Rob D (TFE)(BPA) - TORD-DITT-1 <rdschoenberg@bpa.gov>

**Subject:** Fire IMT Situation Brief 9-18-20 AM.pptx

Please let me know if you have any questions.

Shane Hester

Manager TFA

Field Strategy and Operational Excellence

**Bonneville Power Administration**

O (360) 619-6458 | C (b)(6)

# BPA Situation Report

## Operations Section Chief Report

- Active fires still burning in the area
- Fire investigations being conducted by outside Agencies and BPA
- 3 BPA lines currently OOS that we are responsible to restore.
- Electrical customers still impacted by BPA restoration:
  - EWEB – ETR TBD – EWEB is not ready to provide generation
  - Lane Electric – ETR 9-21-20
- All Fiber restoration complete per BPA contract
- Mutual Assistance
  - Continue to assess damage to BPA system to determine the need for or to provide mutual assistance
- Working with Operations and Planning to determine long range strategy as restoration work continues

This document may contain SOC-Restricted Information. Under FERC Standards of Conduct, SOC-Restricted Information may not be shared with Marketing Function Employees (MFEs) unless certain criteria have been met (e.g., voluntary consent by the customer, a public OASIS posting, system emergencies, or other exceptions). Please take care to remove or otherwise redact the SOC-Restricted Information before forwarding or otherwise sharing with Marketing Function Employees.

# BPA Situation Report

## Dispatch Priorities

- At this point in the restoration efforts the priorities have shifted from North and South priorities to BPA System priorities. At this point in the restoration these are TO, TF, IMT and agency priorities.
- BPA System Priorities
  - Assessment of Jones Canyon-Tumble Creek section of Jones Canyon-Santiam #1 230kv line
  - Restoration of Cougar-Holden Creek #1 115kv line
    - Cougar – Blue River Tap
    - Blue River Tap – Holden Creek
  - Restoration of Jones Canyon-Tumble Creek section of Jones Canyon-Santiam #1 230kv line
  - Restoration of Goose Lake-Okanogan section of Grand Coulee-Okanogan #2 115kv line
- Buckley remains on engine generators for Station Service power (SS is fed from Jones Canyon-Santiam #1 230kv line) . Fuel needs have been addressed

# BPA Situation Report

## POD Outages as of 08:00

- **Cougar – Holden Creek** (some TOP, some ours)
  - Forces out Cougar PH and **Carmen Smith generation (EWEB)**.
  - Blue River POD for **Lane Electric** is OOS on this line
- **Foster Creek Sub**
  - Normal source to POD is available
  - Nespelem POD Restored from Douglas. Customer restored
  - Chief Joe SS other trouble
- **Jones Canyon – Santiam #1 230 KV line**
  - Tumble Creek-Santiam section restored
  - Forces out Buckley Station Service
  - Wind Generation restricted to 50% name plate.
- **Brewster – Foster Creek** (TOP line for Okanogan, not a BPA line)
  - North Bar POD (Douglas Co.) OOS 0345 9/8 (not a BPA Customer)
  - Just listed here as they loop through our system
  - Still out. ETR 9-22-20. 9/11 @ 1115 restored up to Foster Creek.

# BPA Situation Report

## South Region Activities

- **Salem: Santiam Fire**
  - **Jones Canyon-Tumble Creek section of Jones Canyon-Santiam#1 230kV:**
    - Continue patrolling and assessing damage
  - **Marion Sub:**
    - Normal operations
    - Continue daily evaluation and coordination
- **Eugene: Holiday Farm Fire**

*All efforts in fire footprint shut down until at least 9/18 @1800; will impact restoration estimates; shut down may be extended*

  - **Cougar-Holden Creek #1 115kV:**
    - Cougar - Blue River Tap (6 miles)
      - Restoration work complete
      - Tree Crews continue to cut danger trees ETR - TBD
      - Working with stakeholders to restore POD at Blue River Tap for Lane Electric on 9-21-20
      - Lane Electric energized EG to serve their load upriver
    - Blue River Tap – Holden Creek (21 miles)
      - Assessment and work plan complete
      - Verifying availability of materials
      - Actively increasing additional resources

# BPA Situation Report

## North Region Activities

- **Grand Coulee**
  - Continue restoration on GCOU – OKAN #2 115kv
    - ETR – 10-2-20
  - Actively reducing resources

# BPA Situation Report

## Logistics & Planning

- **Logistics**
  - VHF mobile repeater tested, site rental contract negotiations on going
  - Material and equipment needs being met including shipments of masks to response crews
- **Planning**
  - Demobilization and resource reallocation tracking
  - Investigatory cooperation and document retention
  - Tracking of all work cleared from the TLM work schedule and system impacts



From: Shoemaker,Brandee R (BPA) - TFA-DOB-1

Sent: Tue Sep 15 08:20:48 2020

To: SITL; jccantwell@bpa.gov; dxcaudron@bpa.gov

Subject: FW: Fire IMT Situation Brief 9-15-20 V2 AM Updated.pptx

Importance: Normal

Attachments: Fire IMT Situation Brief 9-15-20 V2 AM Updated.pptx

Fwd.

**From:** Hester,Shane H (BPA) - TFAW-DOB-1 <shhester@bpa.gov>

**Sent:** Tuesday, September 15, 2020 8:05 AM

**To:** Cantwell,Janean C (BPA) - NNC-1 <jccantwell@bpa.gov>

**Cc:** Rehbein,Garett D (BPA) - TF-ROSS MHQA <gdrehbein@bpa.gov>; Shoemaker,Brandee R (BPA) - TFA-DOB-1 <brshoemaker@bpa.gov>; Robertsen,Robert K (BPA) - TFV-ROSS MHQA <rkr robertsen@bpa.gov>; Schildt,Stefan J (BPA) - TFC-COVINGTON <sjschildt@bpa.gov>; Seabury,Nathan (BPA) - TFRE-REDMOND <njseabury@bpa.gov>; Allen,Neva J (BPA) - TFAW-REDMOND <njallen@bpa.gov>; Bryant,Fred A (BPA) - TTCT-AMPN-1 <fabryant@bpa.gov>; Schoenberg,Rob D (TFE)(BPA) - TORD-DITT-1 <rdschoenberg@bpa.gov>; Oestreicher,AI S (TFE)(BPA) - TORM-MEAD <asoestreicher@bpa.gov>

**Subject:** Fire IMT Situation Brief 9-15-20 V2 AM Updated.pptx

Good morning Janean,

Attached are the slides for this morning. We have removed the fiber map slide and the Management objectives going forward.

Please let me know if you have any questions.

Shane Hester

Manager TFA

Field Strategy and Operational Excellence

**Bonneville Power Administration**

O (360) 619-6458 | C (b)(6)

From: Hall, Lee J (BPA) - PES-6

Sent: Thu Sep 10 09:42:09 2020

To: Capps, Stephan A (BPA) - NW-1

Subject: FW: Executive Briefing on Fire IMT

Importance: Normal

Attachments: BPA Fire IMT Daily Briefing.docx

Keeping you in the loop.

**From:** Nguyen, John G (BPA) - NNC-1 <jgnguyen@bpa.gov>

**Sent:** Thursday, September 10, 2020 7:56 AM

**To:** IC <IC@bpa.gov>

**Subject:** Executive Briefing on Fire IMT

FYSA

**From:** Rehbein, Garrett D (BPA) - TF-ROSS MHQA <[gdrehbein@bpa.gov](mailto:gdrehbein@bpa.gov)>

**Sent:** Wednesday, September 9, 2020 8:53 PM

**To:** Hairston, John L (BPA) - K-7 <[jlhairston@bpa.gov](mailto:jlhairston@bpa.gov)>; Furrer, Robin R (BPA) - N-7 <[rrfurrer@bpa.gov](mailto:rrfurrer@bpa.gov)>; James, Daniel M (BPA) - D-7 <[dmjames@bpa.gov](mailto:dmjames@bpa.gov)>; McDonald, Thomas A (BPA) - C-7 <[tamcdonald@bpa.gov](mailto:tamcdonald@bpa.gov)>; Lahti, John A (BPA) - TFH-CSB-1W <[jalahti@bpa.gov](mailto:jalahti@bpa.gov)>; Shaheen, Richard L (BPA) - T-DITT-2

<[rlshaheen@bpa.gov](mailto:rlshaheen@bpa.gov)>; Cathcart,Michelle M (BPA) - TO-DITT-2 <[mmcathcart@bpa.gov](mailto:mmcathcart@bpa.gov)>; Miller, Mike P (BPA) - TF-DITT-2 <[mpmiller@bpa.gov](mailto:mpmiller@bpa.gov)>; Cook, Joel D (BPA) - P-6 <[jdcook@bpa.gov](mailto:jdcook@bpa.gov)>; Laylo, Sarah M (BPA) - NN-1 <[smlaylo@bpa.gov](mailto:smlaylo@bpa.gov)>; DiGenova, Jeffrey A (BPA) - TT-DITT-2 <[jadigenova@bpa.gov](mailto:jadigenova@bpa.gov)>; Nguyen, John G (BPA) - NNC-1 <[jgnguyen@bpa.gov](mailto:jgnguyen@bpa.gov)>; Johnson, G Douglas (BPA) - DK-7 <[gdijohnson@bpa.gov](mailto:gdijohnson@bpa.gov)>; Cook, Jeffrey W (BPA) - TP-DITT-2 <[jwcook@bpa.gov](mailto:jwcook@bpa.gov)>; Bea, Brad A (BPA) - NF-MODW <[babea@bpa.gov](mailto:babea@bpa.gov)>  
**Cc:** Shoemaker, Brandee R (BPA) - TFA-DOB-1 <[brshoemaker@bpa.gov](mailto:brshoemaker@bpa.gov)>; Hull, Michael J (BPA) - TE-DITT-2 <[mjhull@bpa.gov](mailto:mjhull@bpa.gov)>; Olesen, Greg L (BPA) - TF-TRI CITIES RMHQ <[glolesen@bpa.gov](mailto:glolesen@bpa.gov)>; McCracken, Michael A (BPA) - TFK-KALISPELL <[mamccracken@bpa.gov](mailto:mamccracken@bpa.gov)>; Schildt, Stefan J (BPA) - TFC-COVINGTON <[sjschildt@bpa.gov](mailto:sjschildt@bpa.gov)>; Robertsen, Robert K (BPA) - TFV-ROSS MHQA <[rkr robertsen@bpa.gov](mailto:rkr robertsen@bpa.gov)>; Schoenberg, Rob D (TFE)(BPA) - TORD-DITT-1 <[rdschoenberg@bpa.gov](mailto:rdschoenberg@bpa.gov)>; Felker, Steven D (TFE)(BPA) - TORM-MEAD <[sdfelker@bpa.gov](mailto:sdfelker@bpa.gov)>; Kingsford, Brent E (TFE)(BPA) - TORD-DITT-1 <[bekingsford@bpa.gov](mailto:bekingsford@bpa.gov)>; O'Leary, Marybeth S (BPA) - NNC-DOB-1 <[msoleary@bpa.gov](mailto:msoleary@bpa.gov)>; Cantwell, Janean C (BPA) - NNC-1 <[jccantwell@bpa.gov](mailto:jccantwell@bpa.gov)>; Beasley II, James W (BPA) - NFC-MODW <[jwbeasley@bpa.gov](mailto:jwbeasley@bpa.gov)>; Allen, Neva J (BPA) - TFAW-REDMOND <[njallen@bpa.gov](mailto:njallen@bpa.gov)>; Kroon, Sharon L (CONTR) - TF-ROSS MHQA <[slkroon@bpa.gov](mailto:slkroon@bpa.gov)>  
**Subject:** Executive Briefing on Fire IMT

Attached is the latest update from the Transmission IMT.

**From:** Palandri,Anthony (BPA) - CBC-7

**Sent:** Thu Sep 17 10:10:15 2020

**To:** ADL\_CBC\_ALL; axpalandri@bpa.gov; mrgreen@bpa.gov; ttran@bpa.gov; mrhenderson@bpa.gov; jdfrench@bpa.gov; myrodrigues@bpa.gov

**Subject:** Article about Detroit/Big Cliff

**Importance:** Normal

I im'd this to a couple of you, but Mike thought I should send this out to the larger group:

<https://www.oregonlive.com/business/2020/09/2-critical-dams-survive-santiam-fire-intact.html>

# BPA Situation Report

## Operations Section Chief Report

- Active fires still burning in the area
- 4 BPA lines or line sections currently OOS that we are responsible to restore.
- 2 BPA line out for proximity work for fire damage restoration
- Access issues keeping crews from completing assessments or repairs:
  - Sections of Cougar – Thurston 115kv
  - A Section of Jones Canyon - Santiam 230kv
- Electrical customers still impacted by BPA restoration:
  - EWEB – ETR TBD – EWEB is not ready to take service
  - Lane Electric – ETR 9-17-20
- Fiber customers still affected by BPA restoration:
  - Noanet – partially restored – full restoration TBD
- Mutual Assistance
  - Continue to asses damage to BPA system to determine the need for or to provide mutual assistance
- Working with Operations and Planning to determine long range strategy

This document may contain SOC-Restricted Information. Under FERC Standards of Conduct, SOC-Restricted Information may not be shared with Marketing Function Employees (MFEs) unless certain criteria have been met (e.g., voluntary consent by the customer, a public OASIS posting, system emergencies, or other exceptions). Please take care to remove or otherwise redact the SOC-Restricted Information before forwarding or otherwise sharing with Marketing Function Employees.

# BPA Situation Report

## Dispatch Priorities

### Salem/Alvey

1. Jones Canyon-Tumble Creek section of Jones Canyon-Santiam #1 230kv line, (may not be able to access for patrols due to active fire)
2. Cougar-Holden Creek #1 115 line.

\*\* The fire threatening Marion substation remains the biggest concern\*\*

### Grand Coulee

1. Grand Coulee-Foster Creek #1 115kv line, (restore normal source to CHJ 500kv SS and investigate CHJ SS issues and Nespelem COOP normal source)
2. Grand Coulee-Chief Joseph #1 and #2 230kv lines
3. Goose Lake-Okanogan section of Grand Coulee-Okanogan #2 115kv line

Buckley remains on engine generators for Station Service power (SS is fed from Jones Canyon-Santiam #1 230kv line) . Fuel needs have been addressed

# BPA Situation Report

## POD Outages as of 08:00

- Cougar – Holden Creek (some TOP, some ours)
  - Forces out Cougar PH and **Carmen Smith generation (EWEB)**.
  - Blue River POD for **Lane Electric** is OOS on this line
- Nilles Corner- Chicken Creek Section Grand Coulee – Foster Creek No 1 115 kV line
  - Normal source to POD still out.
  - Nespelem POD Restored from Douglas. Customer restored.
  - Chief Joe SS other trouble.
- Jones Canyon – Santiam #1 230 KV line
  - Tumble Creek-Santiam section restored
  - Forces out Buckley Station Service
  - Wind Generation restricted to 50% name plate.
- Brewster – Foster Creek (TOP line for Okanogan, not a BPA line)
  - North Bar POD (Douglas Co.) OOS 0345 9/8 (not a BPA Customer)
  - Just listed here as they loop through our system
  - Still out. Eta unknown. 9/11 @ 1115 restored up to Foster Creek.



# BPA Situation Report

## South Region Activities

- **Salem:** *Santiam Fire (Riverside Fire may merge with Santiam fire)*
  - **Jones Canyon-Tumble Creek section of Jones Canyon-Santiam#1 230kV:**
    - Active fires impeding patrol, reevaluating daily
  - **Marion Sub:**
    - Normal operations
    - Preventive fire watch on site
    - Daily evaluation with fire IMT on risk to Marion
- **Eugene:** *Holiday Farm Fire*
  - **Cougar-Holden Creek #1 115kV:** Cougar Powerhouse-Blue River Tap (6 miles)
    - Active fires impeding patrol, progress has been made
    - TLM crews working with tree cutting crews to restore Cougar-Blue River Tap
    - Working with stakeholders to restore POD at Blue River Tap for Lane Electric on 9-17-20

# BPA Situation Report

## North Region Activities

- **Grand Coulee**

- Making progress on the restoration activities on GCOU – CHJO #1 230kv
  - ETR – 9-17-20
- Completed restoration on the GCOU – FOST #1 115kv
  - Leaving OOS for proximity work
- Completed restoration on the GCOU – CHJO #2 230kv
  - Leaving OOS for proximity work
- Continue restoration on GCOU – OKAN #2 115kv
  - ETR – TBD
- Working with the customer on the final fiber break on the CHJO – SCLR
  - Customer fiber only - NOANET
  - ETR – 9-18-20

# BPA Situation Report

## Logistics & Planning

- **Logistics**

- AMS continues to standby at Columbia and Midway sub pending final restoration of the fiber. ETR – 9-18-20
- Cell Boosters approved and purchased
- Material and equipment needs being met
- Communication issues being mitigated

- **Planning**

- Assessment of work priorities based on TOT load studies
- Sequencing of crew days off to maintain rest day for all workers not to exceed 14 days
- IMT hours tracking
- Contingency plans for resources

From: Tilghman,John C (TFE)(BPA) - TORD-DITT-1

Sent: Fri Sep 18 10:49:04 2020

To: TORD Dittmer Dispatchers; bsbrown1@bpa.gov; bahuffman@bpa.gov; zrbanks@bpa.gov; tmarendt@bpa.gov; bekingsford@bpa.gov; jxstevens@bpa.gov; blgilberg@bpa.gov; cslau@bpa.gov; wjacksoniii@bpa.gov; jafarran@bpa.gov; jmsavage@bpa.gov; dpfedchun@bpa.gov; jjmcintosh@bpa.gov; ramorgan@bpa.gov; sjlittleton@bpa.gov; spcooper@bpa.gov; rptapani@bpa.gov; dlhaushild@bpa.gov; mlprice@bpa.gov; jwfeeney@bpa.gov; jctilghman@bpa.gov; rlsweet@bpa.gov; rdschoenberg@bpa.gov; mahood@bpa.gov; cotallent@bpa.gov; jamorrison@bpa.gov; wjmacbean@bpa.gov; qslau@bpa.gov; fvsmailys@bpa.gov; jmrohmr@bpa.gov; ymmam@bpa.gov

Subject: FW: 10:00 VP Brief Slide Deck

Importance: Normal

Attachments: image001.jpg; Fire IMT Executive 9-18-20 AM.pptx

FYI...IMT update

**John Tilghman**

**DCC, Senior System Dispatcher**

**360-418-2282**

**Bonneville Power Administration**

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**been met (e.g., voluntary consent by the customer, a public OASIS posting, system emergencies, or other exceptions). Please take care to remove or otherwise redact the SOC-Restricted Information before forwarding or otherwise sharing with Marketing Function Employees.**

**From:** Oestreicher, AI S (TFE)(BPA) - TORM-MEAD <asoestreicher@bpa.gov>

**Sent:** Friday, September 18, 2020 10:39 AM

**To:** Tilghman, John C (TFE)(BPA) - TORD-DITT-1 <jctilghman@bpa.gov>; Patterson, James (TFE)(BPA) - TORM-MEAD <jpatterson@bpa.gov>; Smith, Kevin M (TFE)(BPA) - TORM-MEAD <kmsmith@bpa.gov>

**Subject:** 10:00 VP Brief Slide Deck

Please share as you see fit.

AI Oestreicher

MCC Senior System Dispatcher, TORM

BONNEVILLE POWER ADMINISTRATION

E-Mail: [asoestreicher@bpa.gov](mailto:asoestreicher@bpa.gov)

Phone: (b)(6)

BPA-Logo-2015-Color-Text-160

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## BPA Fire IMT Daily Briefing

9/9/2020 PM

Every day we are assessing facility damage and updating restoration plan. This is executive summary for the day.

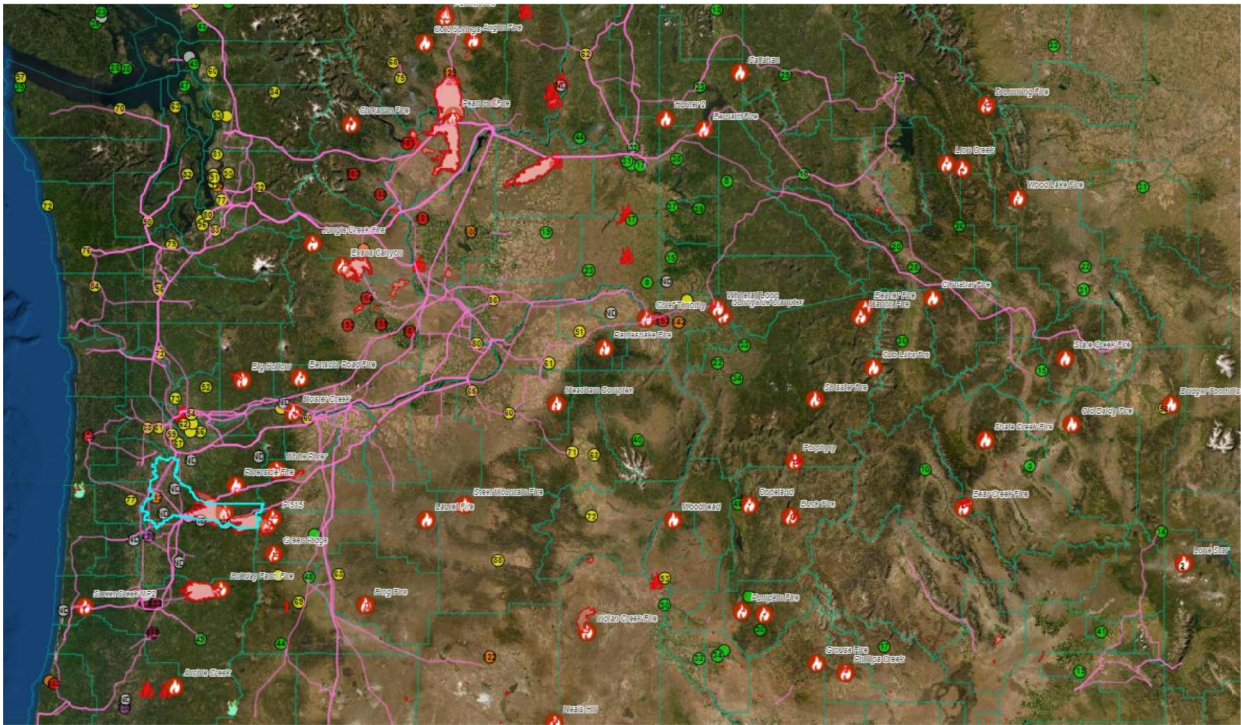
### Current Concerns:

1. Safety of responders – BPA is in constant contact with field crews and actively monitoring safety (increased air quality concerns)
2. COVID 19 precautions, following current Back to Work Guidelines.
3. Fatigue – monitoring and managing the crews fatigue and adherence to the Extended Work Hour Policy.
4. Lodging – due to evacuations and first responders, lodging is difficult to find and may become an issue. So far keeping up.

### Northwest Fire Weather Summary:

We are actively monitoring local fires and will be updating maps/status reports to reflect current status. Current report out are the most priority for system impacts at this time.

### System View with Fires:



**Oregon Fires: Two areas of focus for the South Operations Section**

**#1 Santiam Canyon Fire (Beachie Creek Fire & Lionshead Fire merged, now called Santiam Canyon Fire)**



Counties Impacted: Clackamas, Marion, Jefferson, & Linn



## Oregon Fires: # 2 Holiday Farm Fire



Winds moving Westward

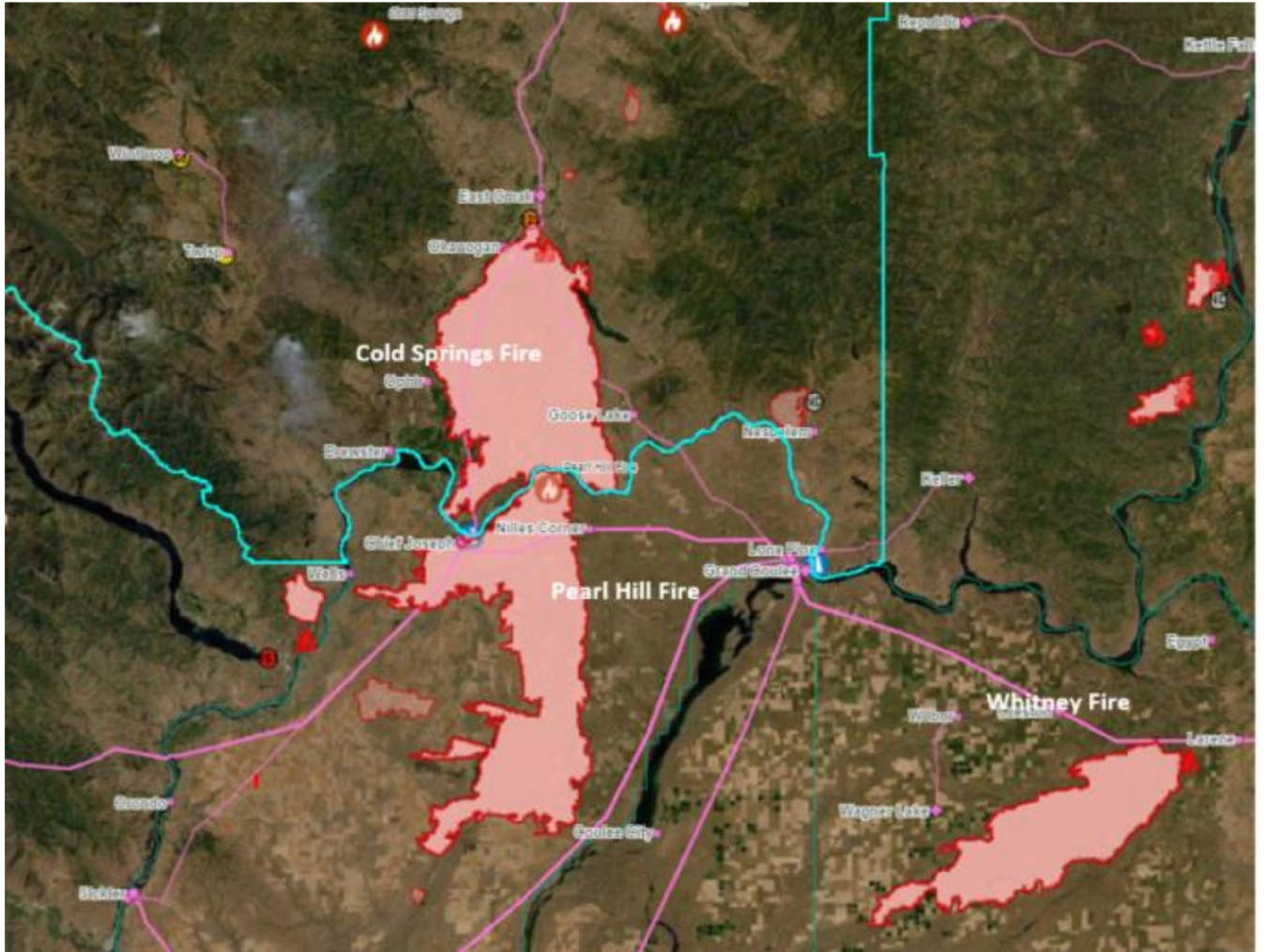
Counties Impacted: Lane County

BPA Line: Cougar-Thurston No1

Substation nearby: Cougar CUGR

**Washington Fires: North Operations Section Focus on Chief Joe Area -Fiber Restoration as top priority**

**Cold Springs, Pearl Hill and Whitney Fires**



**Cold Springs Fire:** 162,830 + acres and **Pearl Hill Fire:** 174,571+ acres

Counties Impacted: Douglas, Chelan, Okanogan

Powerhouse: Chief Joseph CJPH

Substations nearby:

1. Chief Joseph
2. Foster Creek FSTC & FOST,
3. Nilles Corner NICO,
4. Goose Lake

**Whitney Fire:** 102,924+ acers

Counties impacted: Lincoln

Substations nearby:

1. Creston CRES
2. Larene LREN
3. Wagner Lake WAGL
4. Wilbur WILU

## System priorities: as of 1800 from Rob Schoenberg

### South Region

1. Marion Substation (Stayton, OR area) - is currently greatest concern. Crews are making fire break around substation and added a 24 hour fire watch. Loss of multiple 500 lines will result in load shedding in Oregon. Dispatch is working with other utilities to create load shed plan for contingency plan. Additionally creating contingency plan for Fiber Optic break. We are in constant communication with the Fire IC.
2. Jones Canyon-Santiam #1 230kv line (out of service)
  - a. Out of Service 0536 9/8
  - b. Fire in area limiting ability to travel
  - c. Tumble Creek POD OOS
  - d. Hall Mt. Radio station at risk of fire
  - e. Forces out Buckley Station Service
  - f. Forces out/limits multiple wind generation
  - g. Priority #1 for Salem crews
  - h. Patrolled from Tumble Creek-Santiam no issues found, patrols to continue tomorrow from Jones Canyon-Tumble Creek if conditions allow
3. Request for North Bend TLM for tomorrow when they return home. Patrol the Bandon-Rogue 115kv line and the Fairview-Rogue 230kv line due to reports of fire. A fire was reported and inspected by Operations on the Reedsport-Fairview #1 115kv line near the Lakeside tap that may need to be patrolled as well.

### North Region

1. Grand Coulee-Chief Joseph No 2 230kv line (Fiber break #1 Priority)
  - a. Out of service 0727 9/7
  - b. Reason out of service: 11 structures down
  - c. Points of Delivery out – no points on this line
  - d. Does it cause any ill effects on system? – Fiber optic repairs needed asap
  - e. Priority for restoration - fiber is considered #1 priority
  - f. Plan for restoration – crews will start today, only poles needed to string fiber, fiber to stay in travelers so it can be lit up ASAP (current plan is to have in service on Friday)
2. Grand Coulee-Foster Creek No 1 115 kV line (primary Station Service source to Chief Joseph 500kv yard)
  - a. Chicken Creek – Foster Creek – Nilles Corner
  - b. Lines down- Multiple structures down between Nilles and Foster Creek
  - c. Nespelem POD – not sure of customer ability to receive load yet
    - i. Chief Joe SS is fed from here
  - d. Priority job for north crews is Chief Joe SS
  - e. Clearances issued and work planned to complete tomorrow

## Station Service

Buckley remains on engine generators for Station Service power (SS is fed from Jones Canyon-Santiam #1 230kv line). Fuel needs have been addressed.

## Full Summary of Outages: as of 1630 from Steve Felker

1. Grand Coulee – Chief Joseph #2 230 KV Line
  - a. Out of service 0727 9/7
  - b. Reason out of service: 11 structures down
  - c. Points of Delivery out – no points on this line
  - d. Does it cause any ill effects on system? – fiber optic repairs needed asap
  - e. Priority for restoration - fiber is considered #1 priority
  - f. Plan for restoration – crews will start today, only poles needed to string fiber, fiber to stay in travelers so it can be lit up ASAP
2. Grand Coulee – Chief Joseph #1 230kV line
  - a. Out of service 0727 9/7
  - b. Reason out of service: Lines down
  - c. Points of Delivery out – no points on this line
  - d. Does it cause any ill effects on system? - no
  - e. Priority for restoration- Lowest priority in region
  - f. Plan for restoration – TBD
3. Grand Coulee – Foster Creek No 1 115 kV line
  - a. Chicken Creek – Foster Creek – Nilles Corner
  - b. Lines down- Multiple structures down between Nilles and Foster Creek
  - c. Nespelem POD – not sure of customer ability to receive load yet
    - i. Chief Joe SS is fed from here
  - d. Priority #2 job for north crews is Chief Joe SS
4. Grand Coulee – Okanogan #2 115kV line
  - a. Goose Lake – Okanogan section OOS
  - b. Lines down?
  - c. No Points of Delivery (POD) out of service
  - d. Priority is below fiber and below chief jo SS and nespelem
5. Brewster – Foster Creek (TOP line)
  - a. North Bar POD OOS 0345 9/8
  - b. Just listed here as they loop through our system
6. Okanogan PUD Okanogan to Ophir is OOS (feeds into Brewster)
7. Marion sub
  - a. Fire protection of substation
  - b. All 500 lines in service but corridor continues to be threatened
  - c. Loss of multiple 500 lines will result in load shedding in Oregon
  - d. 500 kV corridor pictures available
8. Jones Canyon – Santiam #1 230 KV line
  - a. Out of Service 0536 9/8

- b. Patrolled on ground from Santiam to Tumble Creek and looks OK – fire beyond tumble creek – and extensive damage around the line – hoping to fly again tomorrow
  - c. Tumble Creek POD OOS
  - d. Hall Mt. Radio station at risk of fire
  - e. Forces out Buckley Station Service
  - f. Forces out/limits multiple wind generation
  - g. Getting this line in service is high priority but it needs to be patrolled beyond Tumble Creek
9. Detroit – Santiam 230 KV Line
- a. Out of Service 0029 9/8
  - b. Reports of significant damage to line
  - c. Forces out Big Cliff and Detroit PH
  - d. Same corridor as Jones Canyon - Santiam
10. Cougar – Holden Creek (some TOP, some ours)
- a. Forces out Cougar PH, Trailbridge and Carmen Smith generation
  - b. Blue River POD for Lane electric is OOS on this line
  - c. EWEB line and they have reported a tree in it
  - d. Pictures and damage report from helo available was flown from Cougar to Blue River – hope to fly Blue River down to Holden Creek tomorrow
11. Tillamook – Astoria No 1 115 KV Line
- a. Our terminal still OOS, PACW trouble to Garibaldi
  - b. All POD's are energized
  - c. PACW picked up a terminal clearance today to work on it
12. Reedsport – Fairview – there was a fire today under 8/5 that is now extinguished but inspection will be necessary
13. Radio sites on Engine Generators (EG)
- a. Lowell Butte (Lane Elec) 0116 9/8
  - b. Thunder Ridge (Rocky Mountain Power) 0106 9/8
  - c. Hall Ridge (has solar)
  - d. Scott Mountain
    - i. Fed from Douglas – they report burned up junction box and underground feeder – fire still in area 9/9/PM
14. Lost Creek Generation – out of service due to PACW line trouble
15. PACW issues
- a. PACW Tillamook B-1093 for Tillamook – Garibaldi section of Tillamook – PACW Astoria OOS 2250 9/7 Multiple trees in line from Tillamook out. All PODs in service
16. PGE issues
- a. Bethel – Round Butte OOS 2114 9/7 - this has effect on load dropping plans
17. For Reference – not associated with storm – Schultz Raver 3 and 4 lines get removed from service nightly for voltage control
18. Points of Delivery Summary list
- a. Foster Creek Nespelem Valley feeder 1 (includes chief joe SS and 2 other feeds)
  - b. Carmen PH EWEB feeder 1 (on Cougar line)
  - c. Blue river Lane Electric feeder 1 (on Cougar line)

d. Tumble creek consumers power feeder 1 (off of Jones Canyon line)

**Restored:**

1. Pearl-Marion #1 500 KV line, has been restored.
2. The Hills Creek-Lookout Point #1 115 KV has been restored
3. North Bonneville-Troutdale #1 230 KV line, has been restored
4. John Day – Marion #1 500 kV line has been restored
5. Santiam consumers power feeder 1 (Marion SS)
6. John Day-Marion #1 500kv line restored at 1345 today
7. South Fork-Tillamook section of Forest Grove-Tillamook #1 115kv line, line section has been repaired and restored today
8. Hills Creek-Lookout Point #1 115kv line restored at 1009 today, will remain I/S tonight unless LEC opens feeders at Oakridge again this evening
9. Buckley and Dworshak Substation Service restored today.

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**From:** Brady,Ryan S (BPA) - NFC-MEAD-GOB

**Sent:** Thu Sep 17 08:53:43 2020

**To:** Rehbein,Jennifer L (BPA) - NFO-MODW

**Subject:** FW: 9/17/20 Fire IMT PP

**Importance:** Normal

**Attachments:** Fire IMT Situation Brief 9-16-20 AM.pptx

**From:** Brady,Ryan S (BPA) - NFC-MEAD-GOB

**Sent:** Thursday, September 17, 2020 8:51 AM

**To:** Blunt,Sarabeth J (BPA) - NF-MODW <[sjblunt@bpa.gov](mailto:sjblunt@bpa.gov)>

**Subject:** FW: 9/17/20 Fire IMT PP

Can you present this?

**From:** Cantwell,Janean C (BPA) - NNC-1 <[jccantwell@bpa.gov](mailto:jccantwell@bpa.gov)>

**Sent:** Thursday, September 17, 2020 8:09 AM

**To:** Brady,Ryan S (BPA) - NFC-MEAD-GOB <[rsbrady@bpa.gov](mailto:rsbrady@bpa.gov)>

**Subject:** RE: 9/17/20 Fire IMT PP



See attachment

**From:** Brady,Ryan S (BPA) - NFC-MEAD-GOB <[rsbrady@bpa.gov](mailto:rsbrady@bpa.gov)>  
**Sent:** Thursday, September 17, 2020 7:58 AM  
**To:** Cantwell,Janean C (BPA) - NNC-1 <[jccantwell@bpa.gov](mailto:jccantwell@bpa.gov)>  
**Cc:** Beasley II,James W (BPA) - NFC-MODW <[jwbeasley@bpa.gov](mailto:jwbeasley@bpa.gov)>  
**Subject:** 9/17/20 Fire IMT PP

Morning,

Can I get a copy of yesterday's Fire IMT slide deck? I have a Safety Leadership brief this morning at 0830? That info would be helpful.

Thank you.

Ryan

Ryan Brady – CUSP

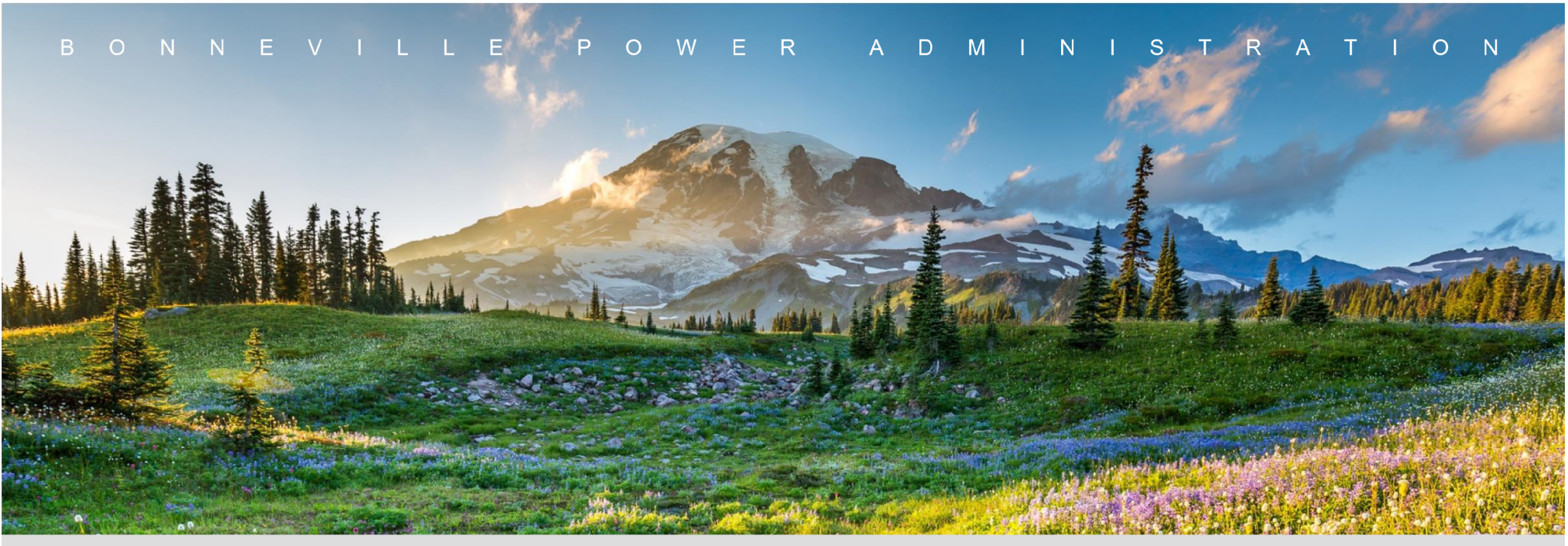
Safety and Occupational Health Manager, Spokane, Wa.

[rsbrady@bpa.gov](mailto:rsbrady@bpa.gov) | P 509-822-4586 | C (b)(6)

Briefings

Prevent

Accidents



# BPA Situation Brief

September 18, 2020

Fire IMT Meeting 10:00 AM



# BPA Situation Report

## Safety Update



- Due to the Lightning in the area we sent out BPA WS 11-12 Working Near Lightning and APM Rule L-4 Lightning, Work and Curtailment Criteria.
- Safety sent out some guidance on Landslides & Debris Flows that may occur do to the rain.
- J-1 discussion topic. Battling Fatigue on the Job Site
- Occupational Health & Safety has identified a better PAPR filter and we are currently looking for a source to procure them from.

### PPE Updates:

- To date 2400 N95's have been distributed to field crews. Additionally, 700 eye wash bottles have gone out. 1365 N95 on hand, we have an additional 1920 due in 9/21. We have 611 eye wash bottles remaining.

### Injury updates:

- The South has nothing to report
- The North has nothing to report

### Near Hits Safety Concern:

- Nothing to report

# BPA Situation Report

## Weather Update

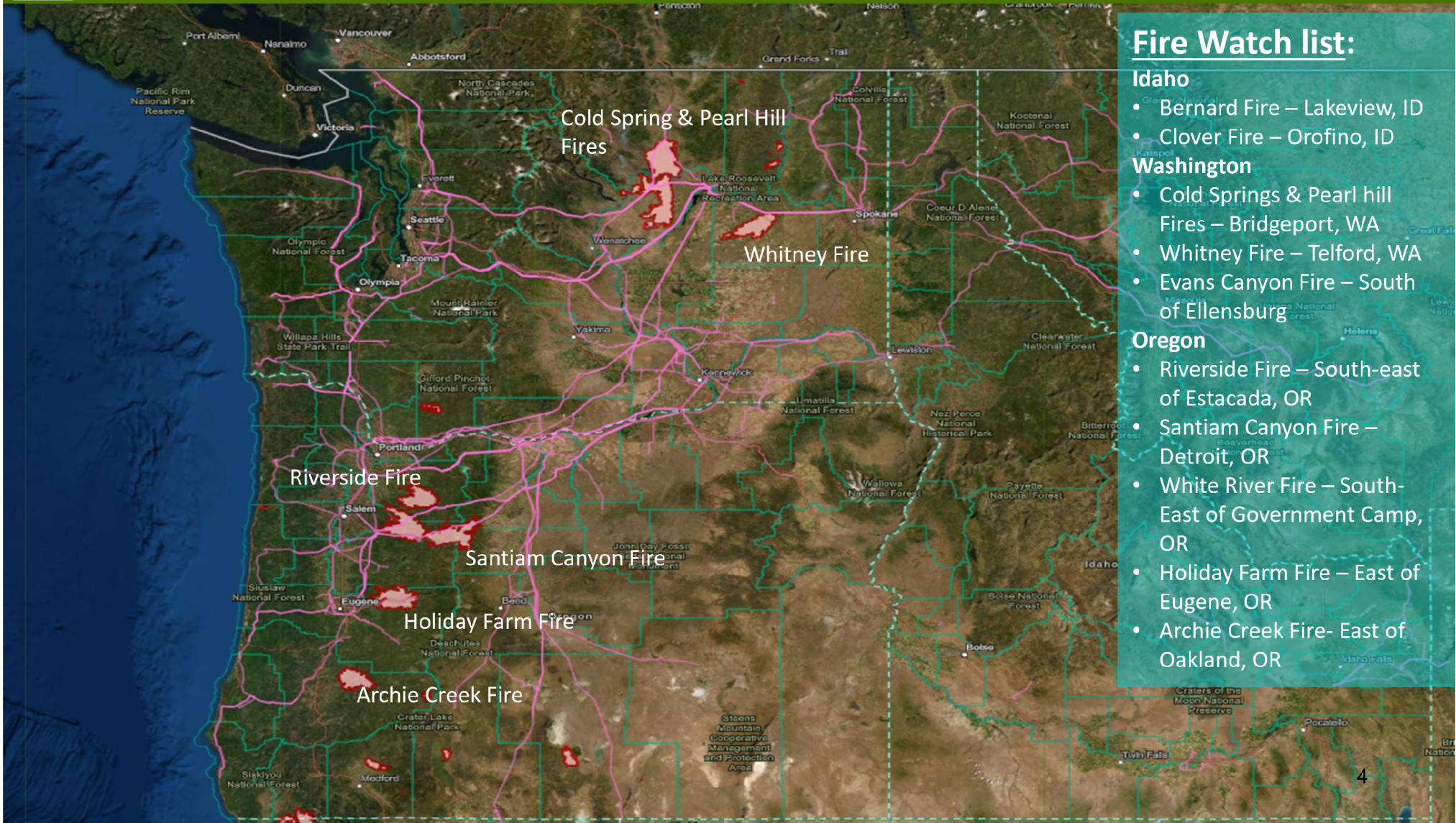
- First fall storm system has arrived
  - **Risk of landslides and flash flooding is high near burn areas. Flash Flood Watch for the Oregon Cascades and foothills.**
  - Widespread rain west of Cascades, some of it heavy, will spread east this afternoon and tonight.
  - Hundreds of lightning strikes west of Cascades overnight, along with a few hail and minor flooding reports.
  - More lightning today on both sides of the Cascades, but it will be more isolated.
  - **Red Flag Warning for southern ID today for gusty winds.** Humidity is increasing more slowly in this area. Showers are likely in southern Idaho tonight.
- Smoke has cleared from most of the Willamette Valley. Significant air quality improvement on track for the rest of the region today. However, more normal westerly winds will blow any lingering smoke plumes toward eastern Oregon and Washington next week.
- Another wet storm system next Thursday-Saturday. Fall rainy season is beginning earlier-than-usual.

# BPA Situation Report



Bonneville Power Administration

## Fire Activity Common Operating Picture (COP)



### Fire Watch list:

#### Idaho

- Bernard Fire – Lakeview, ID
- Clover Fire – Orofino, ID

#### Washington

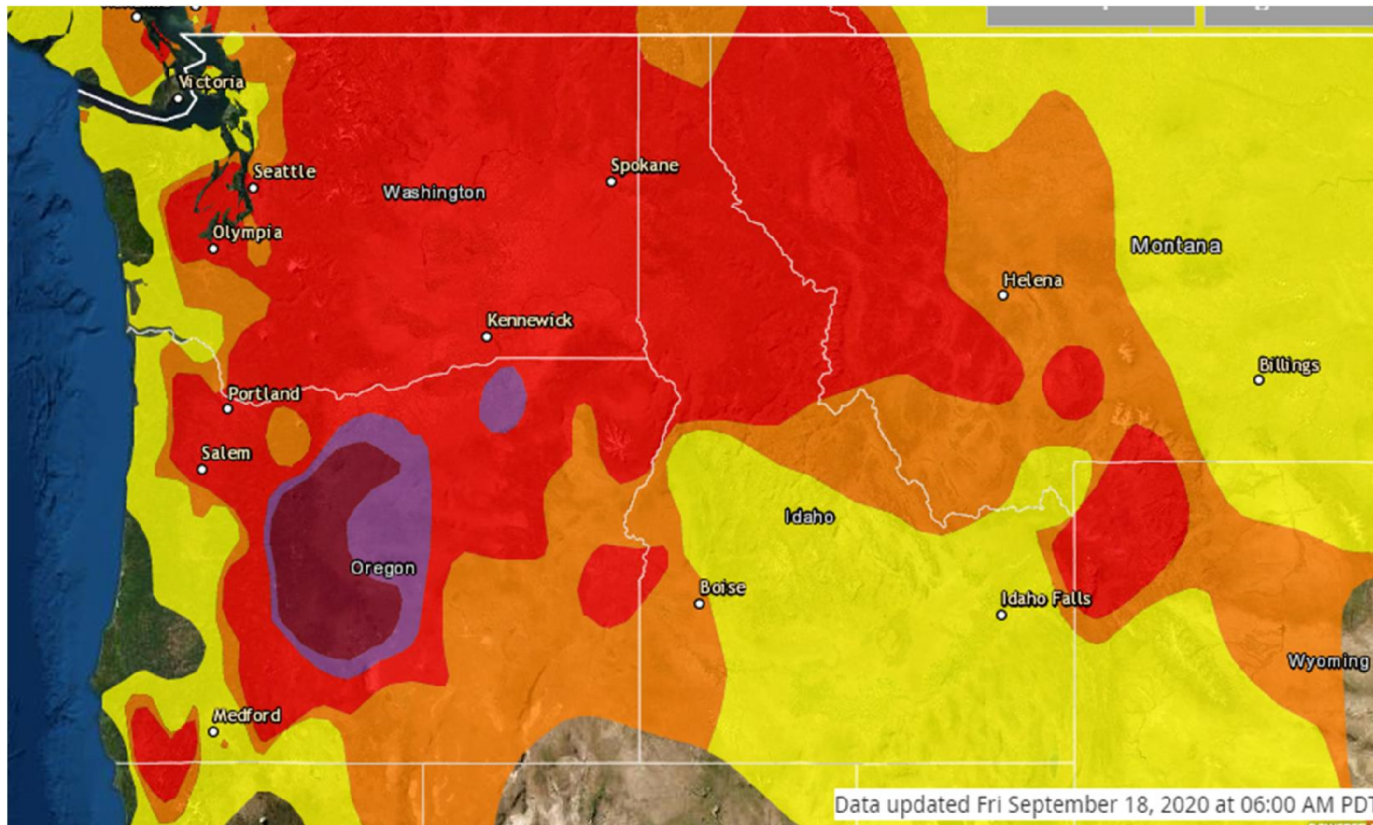
- Cold Springs & Pearl hill Fires – Bridgeport, WA
- Whitney Fire – Telford, WA
- Evans Canyon Fire – South of Ellensburg

#### Oregon

- Riverside Fire – South-east of Estacada, OR
- Santiam Canyon Fire – Detroit, OR
- White River Fire – South-East of Government Camp, OR
- Holiday Farm Fire – East of Eugene, OR
- Archie Creek Fire- East of Oakland, OR

# BPA Situation Report

## Service Territory Air Quality Report



[www.airnow.gov](http://www.airnow.gov)



# BPA Situation Report

## Oregon Evacuation Zones

Northern Oregon



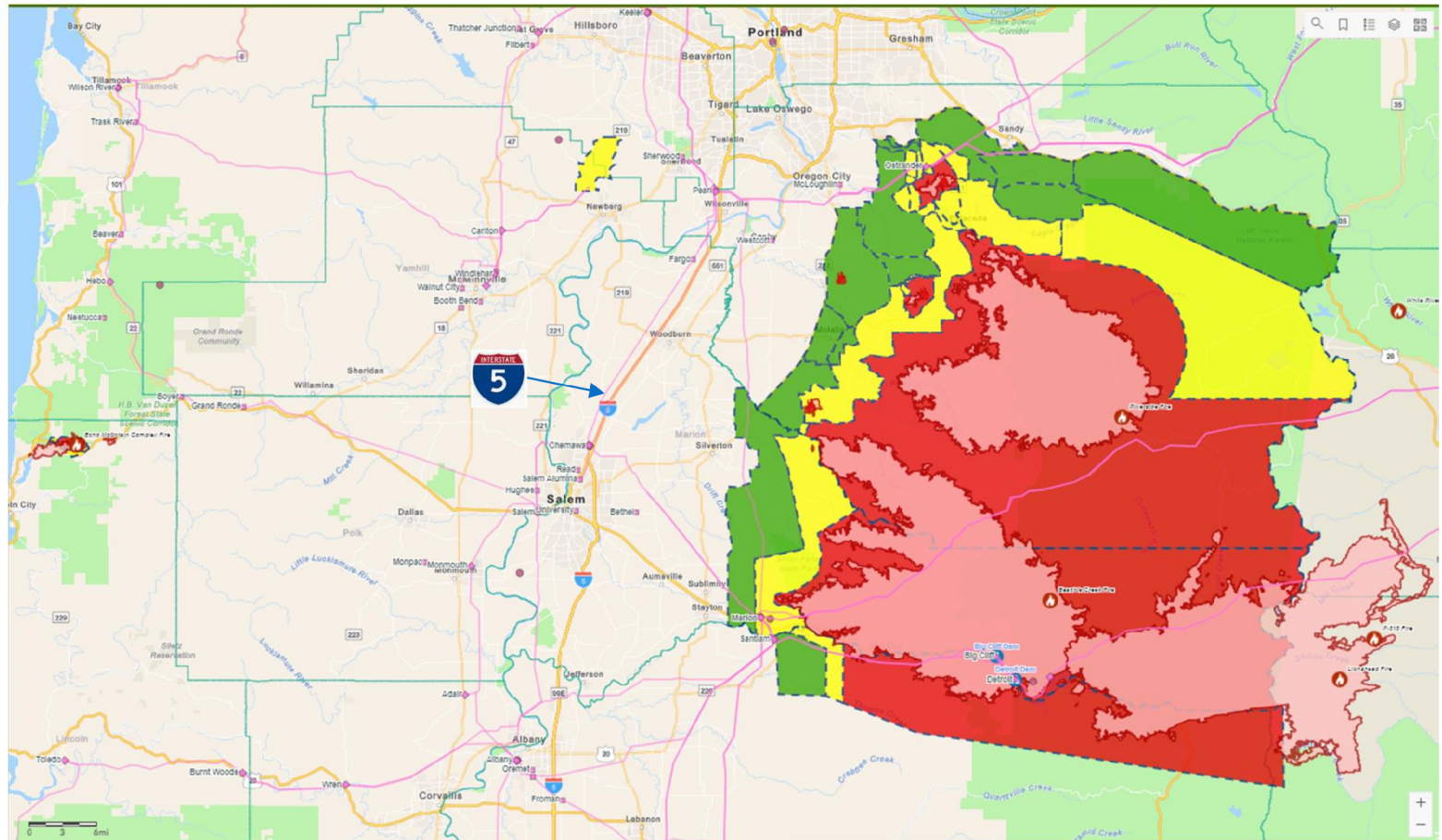
**Level 1: BE READY**



**Level 2: BE SET**



**Level 3: GO!**

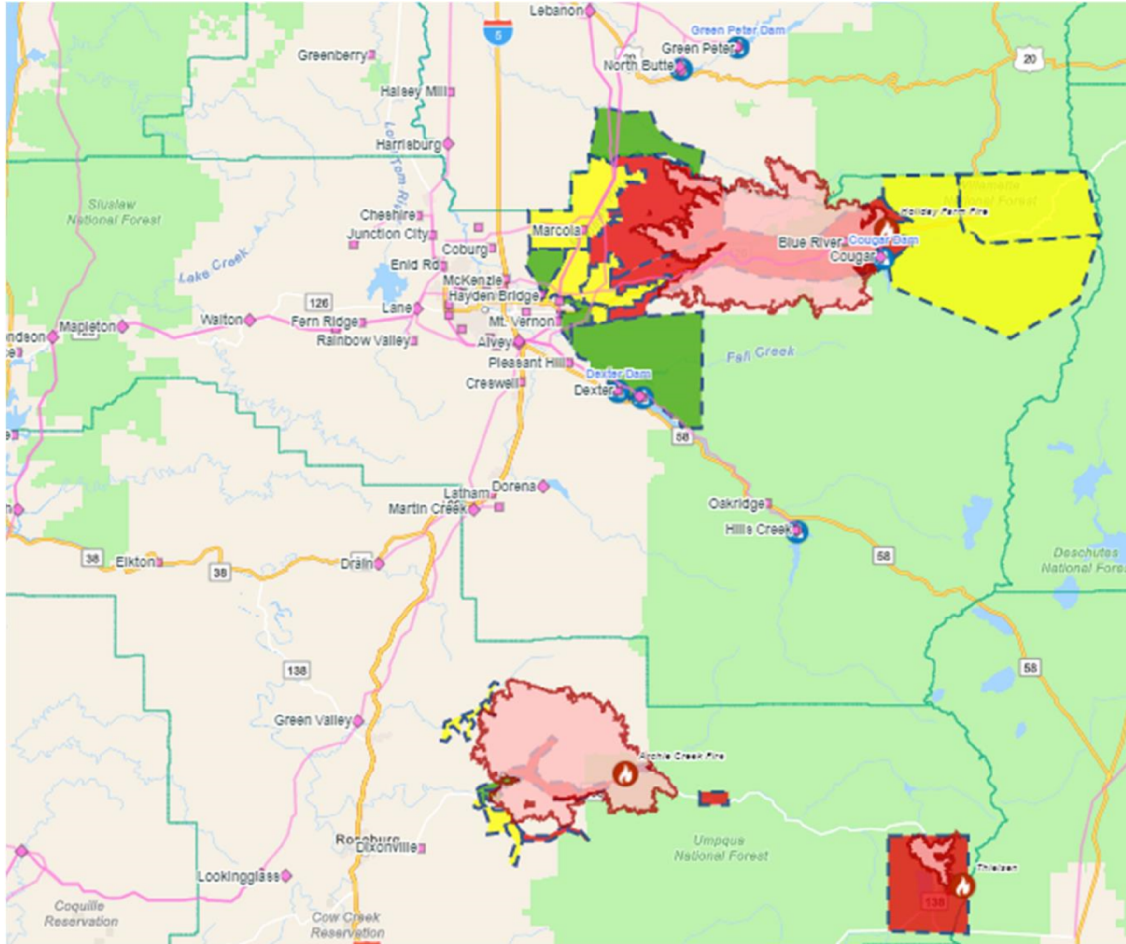




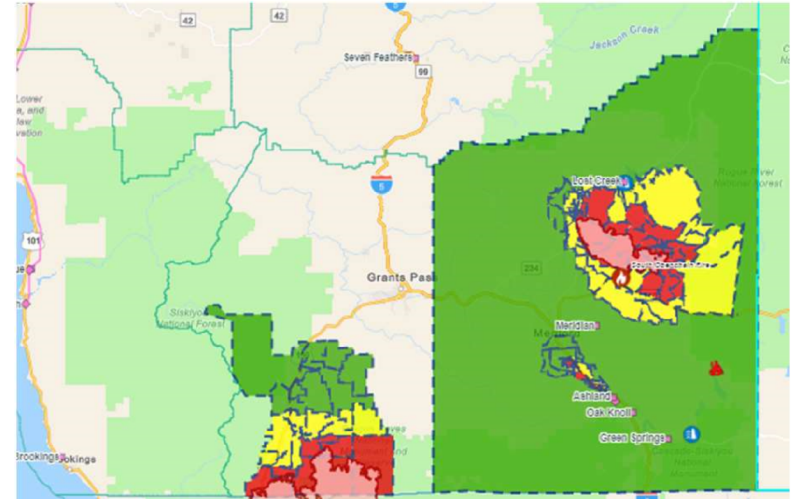
# BPA Situation Report

## Oregon Evacuation Zones

### Central Oregon



### Southern Oregon



**Level 1: BE READY**



**Level 2: BE SET**



**Level 3: GO!**

# BPA Situation Report

## Operations Section Chief Report

- Active fires still burning in the area
- Fire investigations being conducted by outside Agencies and BPA
- 3 BPA lines currently OOS that we are responsible to restore.
- Electrical customers still impacted by BPA restoration:
  - EWEB – ETR TBD – EWEB is not ready to provide generation
  - Lane Electric – ETR 9-21-20
- All Fiber restoration complete per BPA contract
- Mutual Assistance
  - Continue to assess damage to BPA system to determine the need for or to provide mutual assistance
- Working with Operations and Planning to determine long range strategy as restoration work continues

This document may contain SOC-Restricted Information. Under FERC Standards of Conduct, SOC-Restricted Information may not be shared with Marketing Function Employees (MFEs) unless certain criteria have been met (e.g., voluntary consent by the customer, a public OASIS posting, system emergencies, or other exceptions). Please take care to remove or otherwise redact the SOC-Restricted Information before forwarding or otherwise sharing with Marketing Function Employees.

# BPA Situation Report

## Dispatch Priorities

- At this point in the restoration efforts the priorities have shifted from North and South priorities to BPA System priorities. At this point in the restoration these are TO, TF, IMT and agency priorities.
- BPA System Priorities
  - Assessment of Jones Canyon-Tumble Creek section of Jones Canyon-Santiam #1 230kv line
  - Restoration of Cougar-Holden Creek #1 115kv line
    - Cougar – Blue River Tap
    - Blue River Tap – Holden Creek
  - Restoration of Jones Canyon-Tumble Creek section of Jones Canyon-Santiam #1 230kv line
  - Restoration of Goose Lake-Okanogan section of Grand Coulee-Okanogan #2 115kv line
- Buckley remains on engine generators for Station Service power (SS is fed from Jones Canyon-Santiam #1 230kv line) . Fuel needs have been addressed

# BPA Situation Report

## POD Outages as of 08:00

- **Cougar – Holden Creek** (some TOP, some ours)
  - Forces out Cougar PH and **Carmen Smith generation (EWEB)**.
  - Blue River POD for **Lane Electric** is OOS on this line
- **Foster Creek Sub**
  - Normal source to POD is available
  - Nespelem POD Restored from Douglas. Customer restored
  - Chief Joe SS other trouble
- **Jones Canyon – Santiam #1 230 KV line**
  - Tumble Creek-Santiam section restored
  - Forces out Buckley Station Service
  - Wind Generation restricted to 50% name plate.
- **Brewster – Foster Creek** (TOP line for Okanogan, not a BPA line)
  - North Bar POD (Douglas Co.) OOS 0345 9/8 (not a BPA Customer)
  - Just listed here as they loop through our system
  - Still out. ETR 9-22-20. 9/11 @ 1115 restored up to Foster Creek.

# BPA Situation Report

## South Region Activities

- **Salem: Santiam Fire**
  - **Jones Canyon-Tumble Creek section of Jones Canyon-Santiam#1 230kV:**
    - Continue patrolling and assessing damage
  - **Marion Sub:**
    - Normal operations
    - Continue daily evaluation and coordination
- **Eugene: Holiday Farm Fire**

*All efforts in fire footprint shut down until at least 9/18 @1800; will impact restoration estimates; shut down may be extended*

  - **Cougar-Holden Creek #1 115kV:**
    - Cougar - Blue River Tap (6 miles)
      - Restoration work complete
      - Tree Crews continue to cut danger trees ETR - TBD
      - Working with stakeholders to restore POD at Blue River Tap for Lane Electric on 9-21-20
      - Lane Electric energized EG to serve their load upriver
    - Blue River Tap – Holden Creek (21 miles)
      - Assessment and work plan complete
      - Verifying availability of materials
      - Actively increasing additional resources

# BPA Situation Report

## North Region Activities

- **Grand Coulee**
  - Continue restoration on GCOU – OKAN #2 115kv
    - ETR – 10-2-20
  - Actively reducing resources

# BPA Situation Report

## Logistics & Planning

- Logistics
  - VHF mobile repeater tested, site rental contract negotiations on going
  - Material and equipment needs being met including shipments of masks to response crews
- Planning
  - Demobilization and resource reallocation tracking
  - Investigatory cooperation and document retention
  - Tracking of all work cleared from the TLM work schedule and system impacts

# BPA Situation Report

## Media Analysis

### WASHINGTON FIRES

- No new news.

### OREGON FIRES

- **Santiam Canyon Fire**
  - WALL STREET JOURNAL  
[https://www.wsj.com/articles/oregon-fires-show-power-lines-pose-threat-beyond-california-11600353002?st=5kcxdsm3uurtxe5&reflink=share\\_mobilewebshare](https://www.wsj.com/articles/oregon-fires-show-power-lines-pose-threat-beyond-california-11600353002?st=5kcxdsm3uurtxe5&reflink=share_mobilewebshare)

*Other utilities also have facilities nearby including the federally-owned Bonneville Power Administration. A Bonneville spokesman said it had no information linking its equipment to fires.*

- Story mentions all of the utilities with equipment being impacted by the Santiam Canyon Fire. (This story is behind a paywall. Apologies if you cannot access. We are reluctant to share in its entirety due to copyright requirements.
- BACKGROUND: PIO conducted and interview with WSJ reporter Rebecca Smith on 9/14/20. Most of our conversation revolved around the outage report available through BPA.gov on the Transmission section of the website and two outages listed below.
- Ms. Smith's focus was mostly on two BPA lines listed on the report: The on the Sept. 8 Slatt to Ashe Marion 500 kV 500 kV line outage and the Sept. 7 Santiam: 69 kV CPI Feeder Line #1 outage. PIO explained the circumstances surrounding both outages and provided general information about BPA's wildfire response consistent with the approved statement and talking points. We worked with Dispatch personnel assigned to the IMT to provide details about the Slatt to Ashe – Marion 500 kV line. We confirmed that BPA does not own the 69 kV CPI Feeder Line #1.
- **Holiday Farm Fire**
  - EUGENE REGISTER GUARD – Eugene, Ore. No mention of utilities.  
<https://www.registerguard.com/story/news/2020/09/17/updates-holiday-farm-fire-10-contained-missing-down-3/3482031001/>
  - KVAL TV – Eugene, Ore. No mention of utilities. Good information about restrictions throughout the affected area.  
<https://kval.com/news/local/holiday-farm-fire-command-moves-to-restrict-access-ahead-of-stormy-weather>

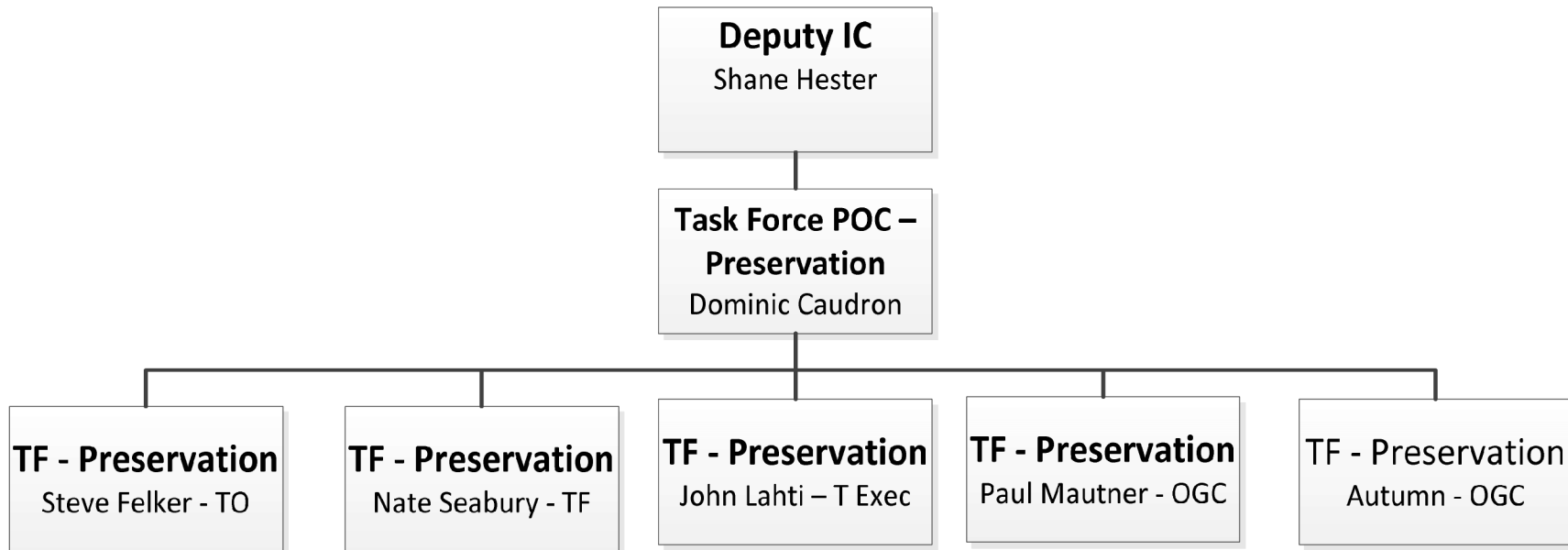


# BPA Situation Report

## Media Analysis

- **GENERAL WILDFIRE STORIES OF INTEREST**
  - OREGON GOVERNOR BROWN PRESS CONFERENCE - Thursday, Sept. 18, 2020  
[https://www.youtube.com/watch?v=dW\\_rkqfEDCM&feature=youtu.be](https://www.youtube.com/watch?v=dW_rkqfEDCM&feature=youtu.be)
    - Final Question from KATU TV Portland regarding pre-emptive utility shutoffs
    - Response: *Essentially she says that there will be an investigation to determine the exact cause of the fires, including any responsibility utilities may have. There are going to be roles for the PUC and legislature ensuring that we have sufficient fire safety policies in place to make sure we are establishing the risk for both investor and consumer owned utilities. The legislature will examine those issues.*
    - **Oregon Constituent Account Executive Julie Peacock**
- **PIO activities**
  - All employee email announcing the cessation of our Accountability efforts
- Questions: email [pio@bpa.gov](mailto:pio@bpa.gov) or contact Doug Johnson at 503-713-7658.

# Preservation Order



# BPA Situation Report

## Additional Report Outs

- Liaison Officer (Inter. Gov. Affairs) – Dan James
- Liaison Officer - Marybeth O’Leary
- Customer Liaison – Tina Ko

From: Mantanona,Lynn M (BPA) - JLQ-2

Sent: Fri Sep 18 08:51:47 2020

To: ADL\_JLQ\_ALL

Cc: Lucero,AnaMaria V (CONTR) - JN-2; Mead,Johanna (CONTR) - JLS-3

Subject: Fire IMT Executive COVID Situation Brief 9-17-20 PM.pdf

Importance: Normal

Attachments: Fire IMT Executive COVID Situation Brief 9-17-20 PM.pdf

Good morning,

Great information in the attached BPA situation report regarding fires in the region.

Keep safe and have a great weekend,

Lynn