

# 5 Year Check-In Short Form

## Basic Information for the Operator

Operator Name: Emerald People’s Utility Disctric

Person Completing Form: Christopher Silva

Operator Contact Information: [Chriss@EPUD.org](mailto:Chriss@EPUD.org) / 541-744-7464

Utility Type: Electric

Pole Owner (Y/N)? Yes

Operators in your area (companies with whom you coordinate related to joint use)				
Company Name	Utility Type(E/T)	Contact Name	Contact Phone	Contact Email
<b>Lumen/CTL</b> <b>Qwest/Level 3</b>	T	Kim Ruetters	208-695-5907	<a href="mailto:kim.ruetters@centurylink.com">kim.ruetters@centurylink.com</a>
<b>Charter</b>	C	Mark Stanfield	458-201-0097	<a href="mailto:Mark.Stanfield@charter.com">Mark.Stanfield@charter.com</a>
<b>Comcast</b>	C	Gabe Norbury	541-731-1498	<a href="mailto:Gabriel.Norbury@comcast.com">Gabriel.Norbury@comcast.com</a>
<b>Douglas FastNet</b>	C	Anthony Nolet	541-673-4242	<a href="mailto:Anthony.nolet@DFN.com">Anthony.nolet@DFN.com</a>
<b>Emerald Broadband</b>	C	Aleks Laforge	541-852-5710	<a href="mailto:aleksandr@emeraldbroadband.com">aleksandr@emeraldbroadband.com</a>
<b>LCOG</b>	C	Jacob Callister	541-682-4114	<a href="mailto:jcallister@lcog.org">jcallister@lcog.org</a>
<b>Electric Lightwave/Zayo</b>	C	Brian Davidson	360-558-4215	<a href="mailto:Brian.davidson@zayo.com">Brian.davidson@zayo.com</a>
<b>Hunter</b>	C	Jason Robinson	541-744-7463	<a href="mailto:jrobinson@hunterfiber.com">jrobinson@hunterfiber.com</a>
<b>LS Networks</b>	C	Brandon Hutchinson	971-323-0291	<a href="mailto:Bhutchinson@lsnetworks.net">Bhutchinson@lsnetworks.net</a>
<b>Wave Broadband/Astound</b>	C	Brian Watson	541-270-4416	<a href="mailto:Brian.watson@astound.com">Brian.watson@astound.com</a>
<b>Pacific Power</b>	E	Tami Katzmarek	503-813-5504	<a href="mailto:Tami.katzmarek@pacificcorp.com">Tami.katzmarek@pacificcorp.com</a>

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<b>Springfield Utility Board</b>	E	Laurie Monteith	541-726-2395	<a href="mailto:lauriem@subutil.com">lauriem@subutil.com</a>
<b>Lane Electric Coop</b>	E	Shelby Sanford	541-484-1151	<a href="mailto:Shelby.sanford@laneelectric.com">Shelby.sanford@laneelectric.com</a>
<b>BlachlyLane Coop</b>	E	Cody Smith	541-284-2185	<a href="mailto:smithc@blachlylane.coop">smithc@blachlylane.coop</a>
<b>Eugene Water &amp; Electric Board</b>	E	Christina Svetal	541-685-7337	<a href="mailto:Christina.svetal@eweb.org">Christina.svetal@eweb.org</a>

Total System Facility Point Counts			
Total System Overhead (OH) Facility Point Count ( <i>i.e.</i> , 5,643)	Total System Underground/subsurface (UG) Facility Point Count ( <i>i.e.</i> , 1,658)	Total System Facility Point Count (Sum overhead and underground) ( <i>i.e.</i> , 7,301)	Total System Owned Pole Count ( <i>i.e.</i> , 5,600)
<b>25,559</b>	7,076	32,635	24,577

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### Inspection Plan and Actual Results

Please complete as much of the table below as is appropriate for your assets; at minimum provide data back to 2018. Note that All Operator Inspections is to include both overhead and underground/subsurface facility points. Poles (OH) should be the overhead subset of All Operator Inspections.

		All Operator Inspections (OH + UG)		Poles (OH)		Poles Owned		Defects		
Year	Facility Points Planned (attachments subject to inspection)	Facility Points Inspected	Poles Planned	Poles Inspected	Poles Owned by Operator	Poles Tested and Treated	Defects Found: <small>Your Responsibility</small>	Defects Found: <small>Attacher Responsibility</small>	Defects You Corrected	
<b>5 Year Check In Total</b>	19,661	19,888	12,149	12,376	12,025	8,377	1733	1168	1392	
<b>2022</b>	3687	3272	3,486	3,071	2,903	1,156	339	237	285	
<b>2021</b>	3702	4251	3,585	3,962	3,830	2,814	133	362	113	
<b>2020</b>	4337	4747	2,658	2,960	2,958	2,273	594	246	481	
<b>2019</b>	4741	4763	0	0	0	0	0	0	0	
<b>2018</b>	3194	3157	2,420	2,383	2,334	2,134	667	323	513	
10 Year Cycle Total										
2017										
2016										
2015										
2014										
2013										
5 Year Check In Total										
2012										
2011										
2010										
2009										
2008										

**Program Summary**

**1. Describe your Division 24 inspection program.** (Feel free to use the chart below)

EPUD collects, tracks and dispatches inspection data and hazards via Survey 123, ArcGIS, Local Databases and NISC software. EPUD is currently working on a major system overhaul, and is currently in the process of migrating all inspection data, historic and new, into NISC software which is the current GIS model. Over the next few years, joint use attachments and inspections will all be tracked and collected through the same software. This process began in January of 2023 and will be ongoing for the next few years. This method of collecting and tracking data will allow the utility to more efficiently correct violations and pole replacements in the future.

EPUD’s Test and Treat and Detailed Facility inspection is conducted on a 9 year cycle with a 1 year gap for rebidding. Contractors are awarded via formal bid process for work on a 5 year cycle. OH construction is broken up by system feeders which dictate how many poles will be inspected in a year timeframe. Typically, more than one feeder is inspected per year with a total pole count to be inspected ranging from 2500 to 4000 poles annually. This method of coordination via feeder allows EPUD to keep efficiency and consistency with 100% inspection in a 10 year cycle.

Routine Safety Patrols are conducted by EPUD’s Supervisors, Lineman and Vegetation crews throughout the year. Vegetation crews trim and maintain right of ways working from the end of the distribution system, towards the substation. That way, further areas don’t get missed and High Risk fire zones are able to be more efficiently monitored and maintained. During routine inspections, supervisors, lineman and vegetation crews monitor and report back to operations all hazardous situations that they encounter or find, including unauthorized communications attachments, or any items that pose an imminent hazard to public safety and system reliability.

EPUD has 4 internal vegetation crews that maintain all right of ways owned by district. In non High Risk Fire zones, EPUD works on a 4 year maintenance and trim cycle. In High Risk fire zones, inspection is conducted annually and maintenance is conducted on a 3 year cycle.

Distribution supply stations are inspected weekly for any damage or hazards, and are maintained at the same time. All supply stations owned by District are inspected monthly and are maintained via detailed process.

Inspection Type	Inspector (Internal or Contractor)	Frequency	Comments
Detailed facility Inspection	Internal / Contractor	10 Years	100% OH system inspection conducted over 10 years, with a 1 year gap for bidding and inspection revisions
Routine Safety Patrol Inspection	Internal	Annually	90% of System is visually inspected annually for major hazards.
Test and Treat (Owned Poles)	Contractor	10 Years	100% OH system test & treat inspection conducted over 10 years with a 1 year gap for bidding and inspection revisions.
High Fire Risk Zones	Internal	3 Years	100% of High Risk Fire Zones are visually inspected annually, however, are trimmed at 3 year intervals, or as needed.
Supply Stations (Electric Utility)	Internal	Weekly/Monthly	Weekly inspection and maintenance conducted on every Monday of all Distribution Substations. Monthly inspection and maintenance conducted on all Substations.
Vegetation (Electric Utility)	Internal	4 Years	Internal tree crews work on a 4 year trim cycle, accept in High Fire Risk Zones, where frequency is decided upon annual vegetation inspections.

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**2. Describe how you prioritize repairs.** (Feel free to use the chart below)

Internal repairs and external repairs are tracked and conducted per the cycles listed below. Hazards that exist on owned facilities are typically corrected within the timeframes listed below, or are made safe until final corrections can be made. Comm’s attachments where hazards exist are held to the same standards, whether the communication company corrects the violation/hazard, or a 3<sup>rd</sup> party contractor is hired by EPUD to correct the violation. If the communication company does not respond to the required timeframes, EPUD, per contract, hires a qualified 3<sup>rd</sup> party contractor to correct the violation/hazard and bills the communication company.

Repair Type	Correction timeline	Comments
Immediate hazards	ASAP to 48 Hours	All hazards that pose an imminent hazard to life or safety are addressed ASAP.
Priority 1 Critical	1 week to 2 weeks	Hazards that have the potential to create imminent hazards to life or safety in the near future are typically corrected within 2 weeks from initial findings.
Priority 2 Major	30 Days to 90 Days	Hazards that could reasonably have the potential to create hazards to life or safety given the right conditions are typically corrected within 30 to 90 days. Priority levels can change seasonally, depending upon the hazard that exists.
Priority 3 Moderate	90 Days to 180 Days	These are typically classified as system hazards that pose little risk to life and safety, but could have impacts on system reliability and operability.
Priority 4 minor	When Able	Very few fall into this category and is seldomly used. These would be more of potential future violations or cleanup type aspects of transfers, or items that relate to comm service drops.
Test and Treat (failed)	30 to 60 Days	Failed structures are typically corrected within 30 to 60 days, unless access does not permit due to seasonality and weather conditions. Failed structures that are not easily replaceable in shorter timeframes are “made safe” until the structure can be replaced.
Test and Treat (marginal)	90 Days to when able	Depending upon the classification of pole damage or decay, poles will typically be replaced within 90 days to when able. All signs of decay are handled differently as determined by pole load and strength analysis
Joint use	ASAP to 180 Days	All repairs that are unaddressed by comm’s within the given window are corrected/repaired by EPUD or qualified EPUD contractor. All corrections made are billed ack to comm company.

**3. Describe how you address immediate hazards for both your conditions and any attacher’s conditions.**

T&T and NESC inspectors will collect the data in our survey 123 inspection application listing all conditions that are imminent hazard in nature. At the same time, these high risk hazards are directly emailed to our staking staff who;

Internal: Send a work request to our Operations department to create a workflow task. Operations will then route to the necessary Serviceman or Crew to repair. Depending on the nature of the hazard, repairs are typically made within 4 hours to 24 hours.

Communications: Our Joint Use and Staking Technician will create a VIO ticket in NJUNS with a Priority Code of “0”, and will then list the corresponding hazard and attach pictures/documents that relate to hazard. NJUNS ticket is typically a means of tracking that a violation exists. In addition to the NJUNS ticket, the Joint Use and Staking Technician also sends an email to the communications company emergency contact, and will also follow up with a phone call. Imminent hazards are expected to be completed immediately upon findings by the PUD. Staking technician continuously calls and emails the communications company until the violation is corrected. Depending upon what the violation is, if the communications company does not make corrective repairs, EPUD will hire a 3<sup>rd</sup> party contractor to correct the violation and will bill the communications company after work has been completed.

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### 4. Describe how you communicate non-immediate hazard conditions to attachers.

Non-immediate hazards are communicated to the communications company via an NJUNS ticket. NJUNS tickets are typically created as VIO, PT or OTH depending upon the hazard/violation that exists. If non-imminent, the “priority” is set to “1 – PUC Reported Violations”. Depending upon the violation that exists, typically a time range of 30 to 180 days is allotted for the communications company to make the necessary repairs.

### 5. Describe the state of electronic record keeping you have had over the last five years.

EPUD recently went through a system overhaul in order to have all information contained within a GIS model called NISC. Prior to 2019, all data collected for Test & Treat was through a home grown Access Database. 2019 to present, data collected was done via means of Survey 123 through ArcGIS. EPUD will soon be implementing NISC Inspections in 2026, and migrating databases and survey data previously collected to new model. By converting over to NISC Inspections, we will be able to tie all of our inspection data and history directly to our GIS model in order to more efficiently track and schedule corrections. 2025 will be a planned gap year to begin implementation of the Inspection software, to be used by awarded T&T and NESC inspector in 2026.

All data currently has been and can be exported to a CSV or XLSX format, which is then interpreted and routed to all responsible party’s for corrections.

### 6. Outline your current plans for any automation of inspection, correction or asset information. (i.e. GIS plans or changes to your asset management process)

NISC inspections will be implemented and tested in 2025, which is additionally a new bid year for the next 5 year test and treat cycle. EPUD is going all in with one system in order to eliminate the need for outside databases and less efficient means of collecting and tracking data.

For more information regarding the Five-Year Check In Report please refer to the follow: [Oregon Secretary of State Administrative Rules 860-024](#) and [Oregon Secretary of State Administrative Rules 860-028](#).

If there are questions about the short form or its deadline, please reach out to.

April Brewer

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