



# Of Tribal Utility Development

By

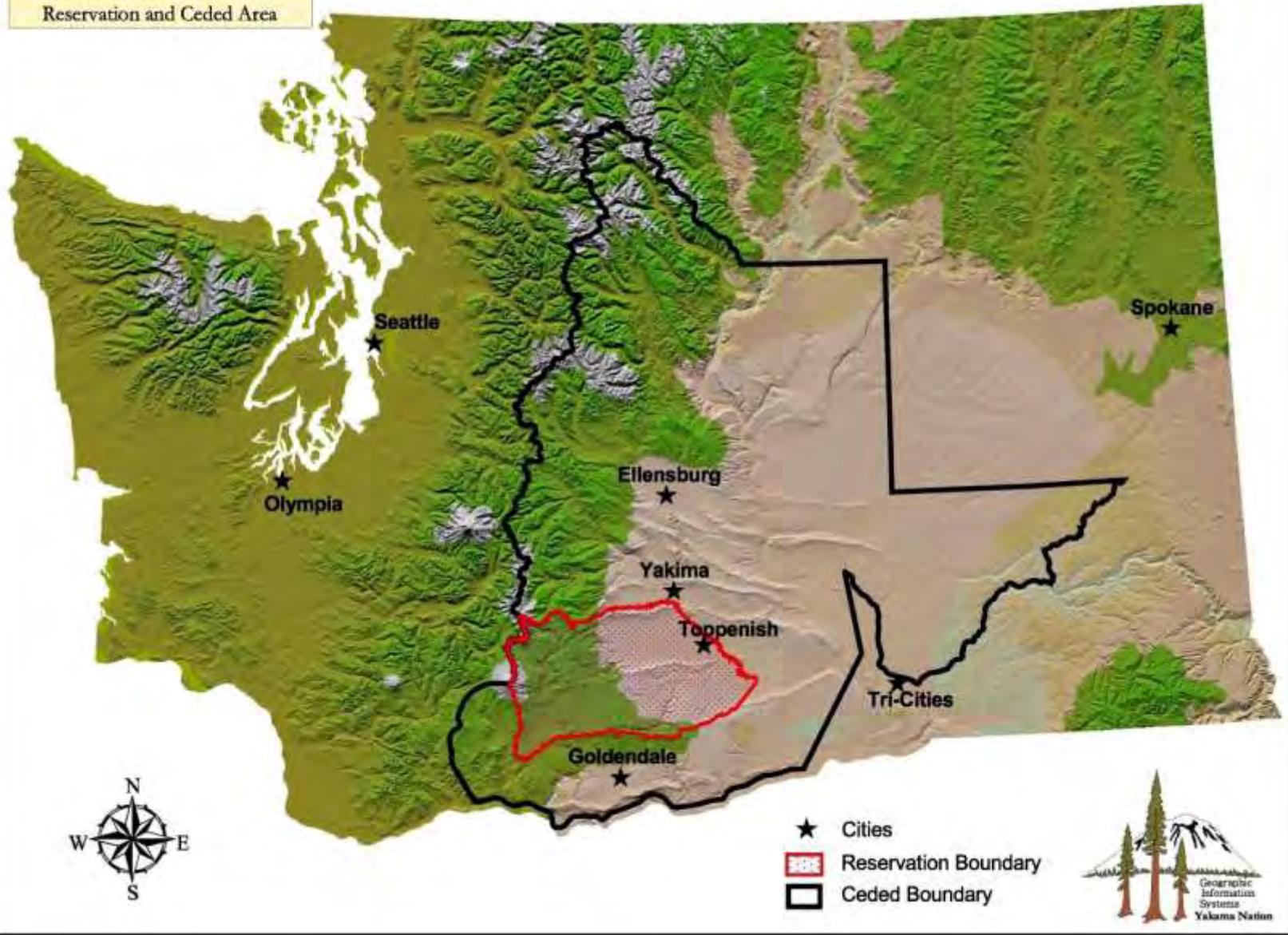
Raymond Wiseman, General Manager  
Yakama Power

# YAKAMA POWER

**A Non-Profit Enterprise of the  
Yakama Nation**

# Yakama Nation

Reservation and Ceded Area



**January 8, 1998 Resolution # GC-04-98,**  
**VOTE: F 155, A 6, A 37**

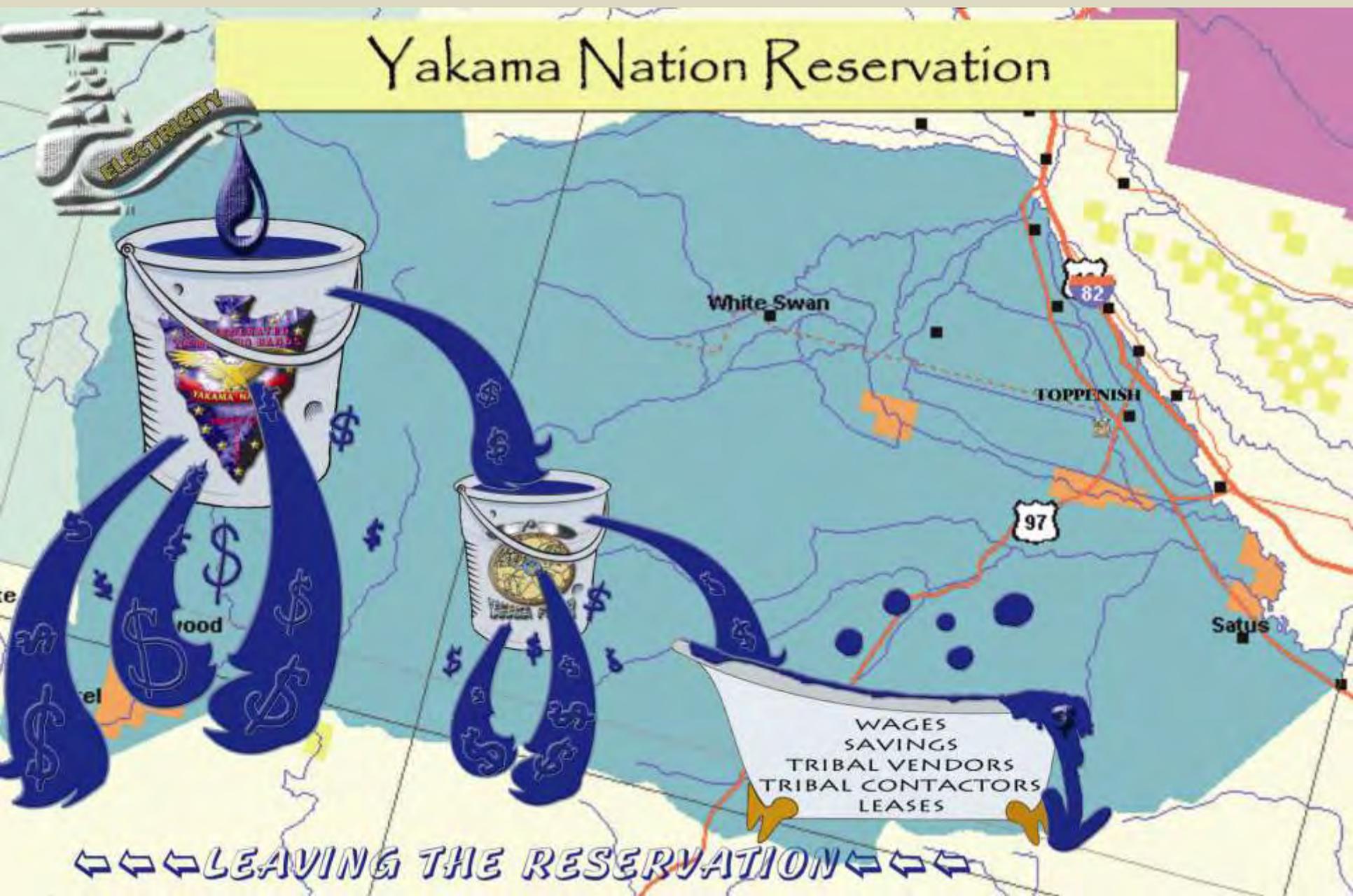
**NOW, THEREFORE, BE IT RESOLVED,** by  
**the Yakama Nation General Council,** a legal  
**quorum present,** *hereby directs the Tribal  
Council to research all opportunities in the  
electricity industry, and based on feasibility,  
sound business principles, and revenue  
generation, to proceed with any and all available  
financial resources to determine the Yakama  
Nation's response to opportunities in a  
restructured electricity industry.*





# \$\$ CASH CONSERVATION \$\$

## Yakama Nation Reservation



## Between 1998 and 2000

Eight Resolutions, and 18 Committee Actions made up of 14 OEDP , 1 RIL and 1 B&F, form the Structure of the utility.

T-024-00

T-112-00

T-167-00

T-075-00

T-127-00

T-168-00

T-079-00

T-166-00

The Tribal Council approves signing a Bonneville Power "Power Sales Contract Placeholder" which would become effective if the Tribe could establish its utility within BPA guidelines by Oct 1, 2005. (T-168-00)

With the clock now ticking, The Tribal Council with assistance from Economic Development and specialized Legal Counsel (T-112-00) begin meeting BPA's "Standards For Service" by assigning a Board of Directors (T-167-00) and approving a Charter for the utility (T-166-00).





# YAKAMA CADASTRAL/GIS PROJECT

**RED = 60 FT ROAD ROW**

**WHITE = FEE PATENT**

**GREEN = FEDERAL TRUST**

# YAKAMA CADASTRAL/GIS PROJECT

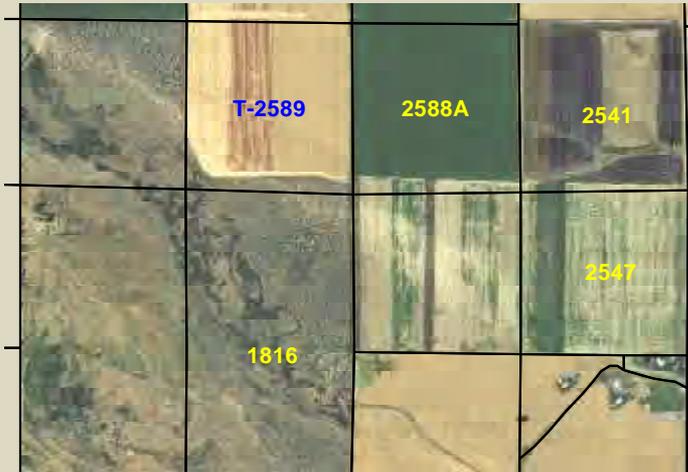
**RED = 60 FT ROAD ROW**



**WHITE = FEE PATENT**

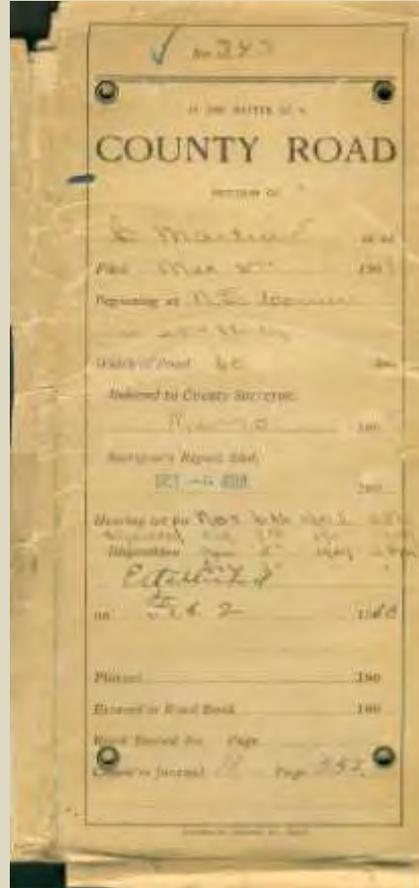
**GREEN = FEDERAL TRUST**

# How do we find Trespass?



Aerial Photography

Underground locating Equipment

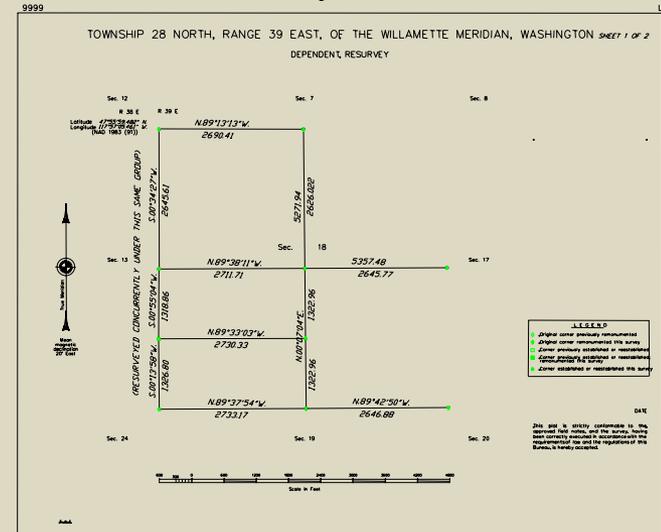


Research and comparison of historical records



Infrastructure Inventory and Mapping

Survey review





# “ Standards for Service ”

- 1) Be legally formed in accordance with local, state, Federal or tribal laws;
- 2) own a distribution system and be, willing and able to take power from BPA within a reasonable period of time;
- 3) have a general utility responsibility within the service area;
- 4) have the financial ability to pay BPA for the Federal power it purchases
- 5) have adequate utility operations and structure; and
- 6) be able to purchase in wholesale amounts.

**2004**

# MISSION: IMPOSSIBLE

Long Term Power Allocations

Office Space

Transmission

Tribal Policy

Infrastructure

Expansion

Unfavorable Contract Provisions

Debt

Non Indian Conflicts

Capital Investment

Theft

Power Generation

Public Support

Qualified Workforce

Billing Issues

Outside Policy

Jurisdictional Issues

Organized Labor (Union) Issues



Right-of-ways

Safety

BPA Standards For Service

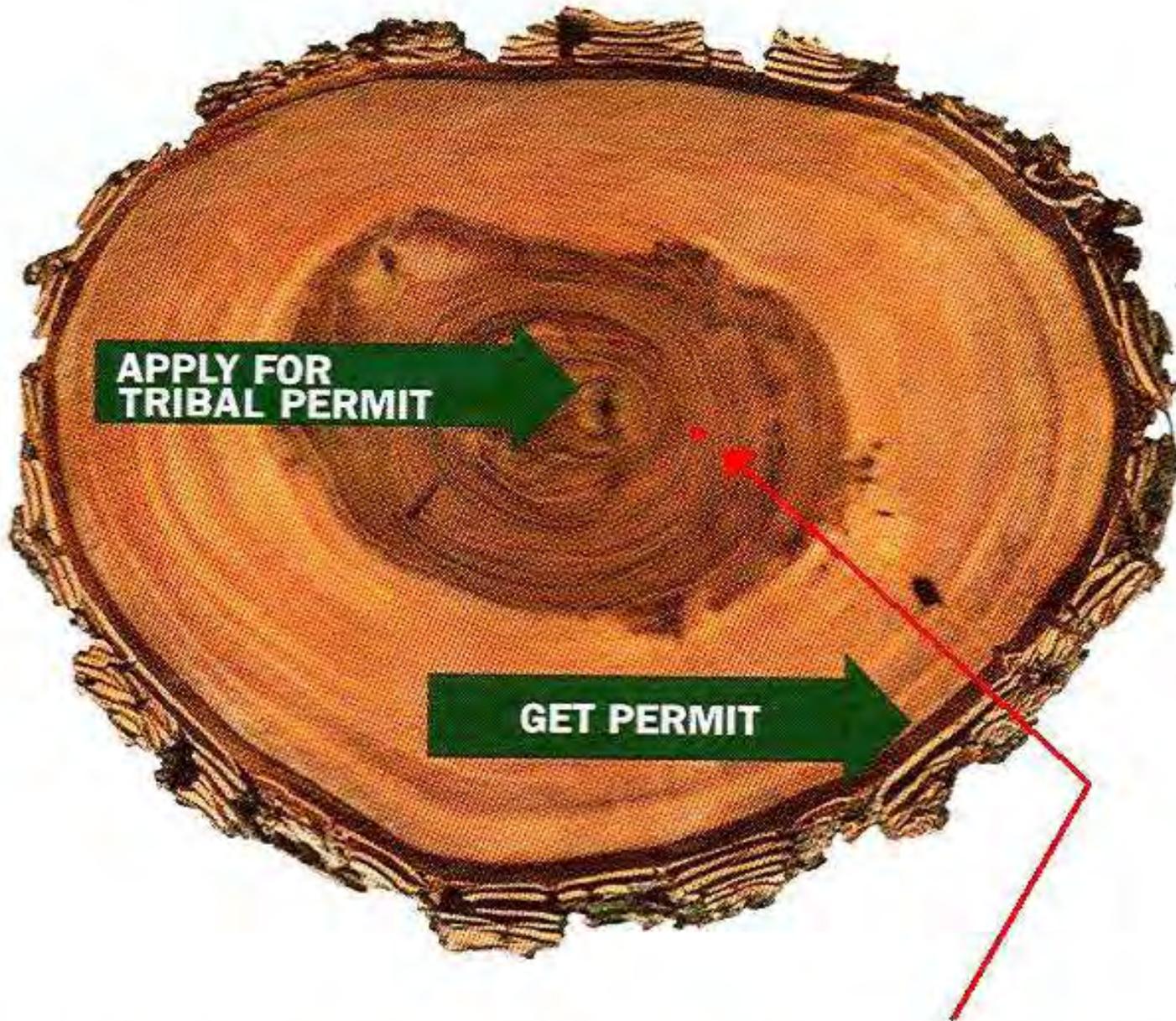
Equipment Standards

Annexed Loads



**No room left for  
Yakama Power**

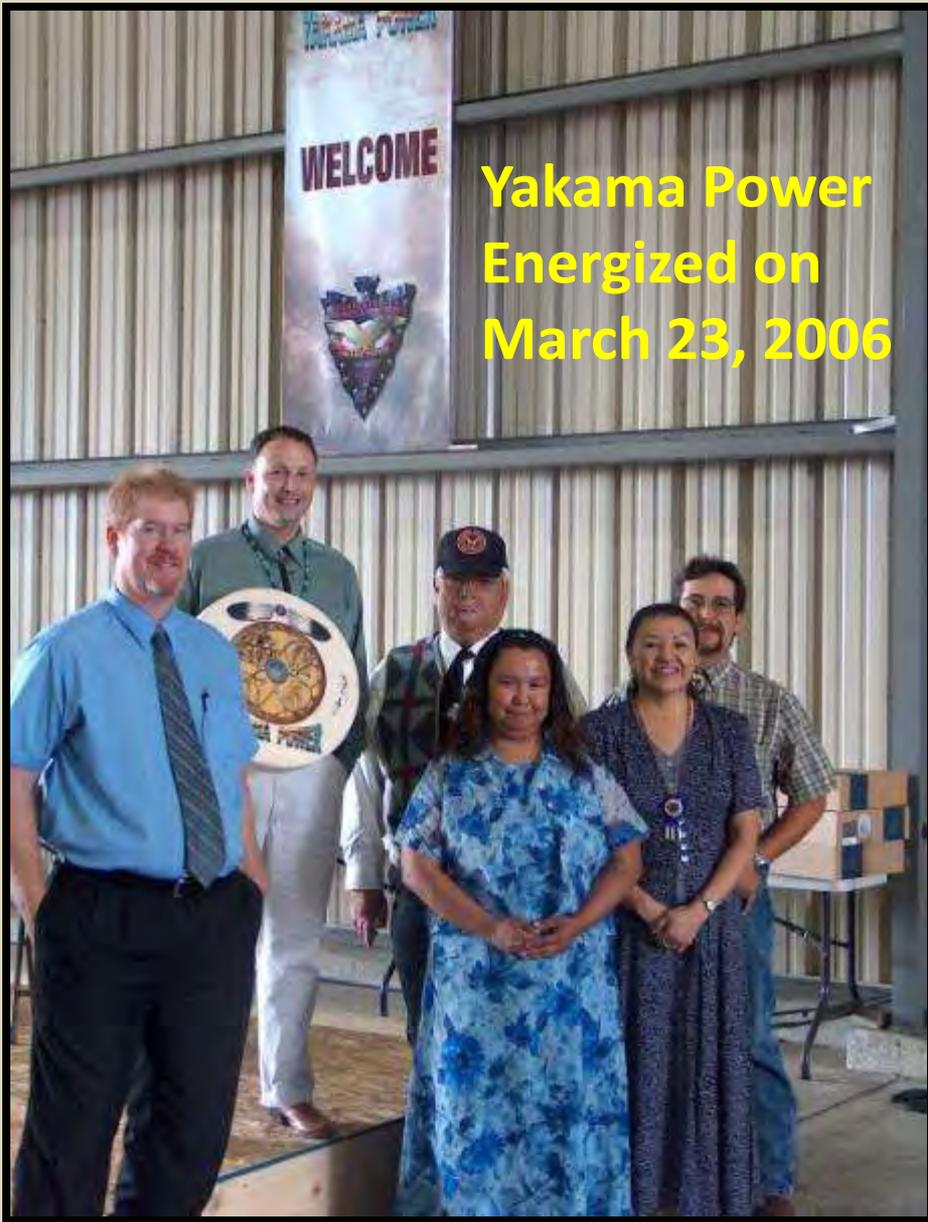




**You are here in the life process of this permit application**



1933 Clearwater telephone line construction. Using cedar snags in lieu of poles through Potato Hill burn.



**Yakama Power  
Energized on  
March 23, 2006**



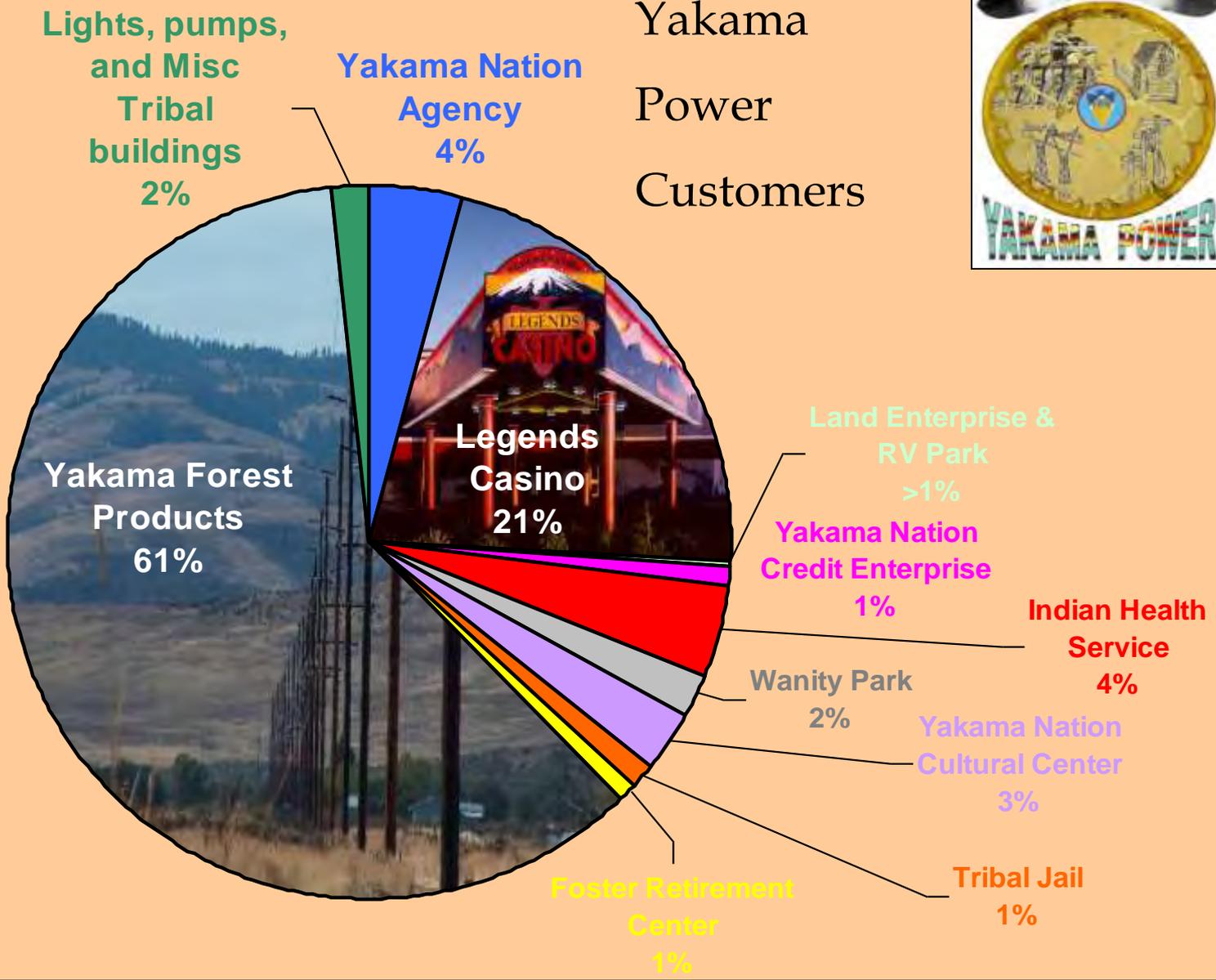
**Steve Wright, Administrator for Bonneville Power Administration, speaks at the Grand Opening to invited guests.**



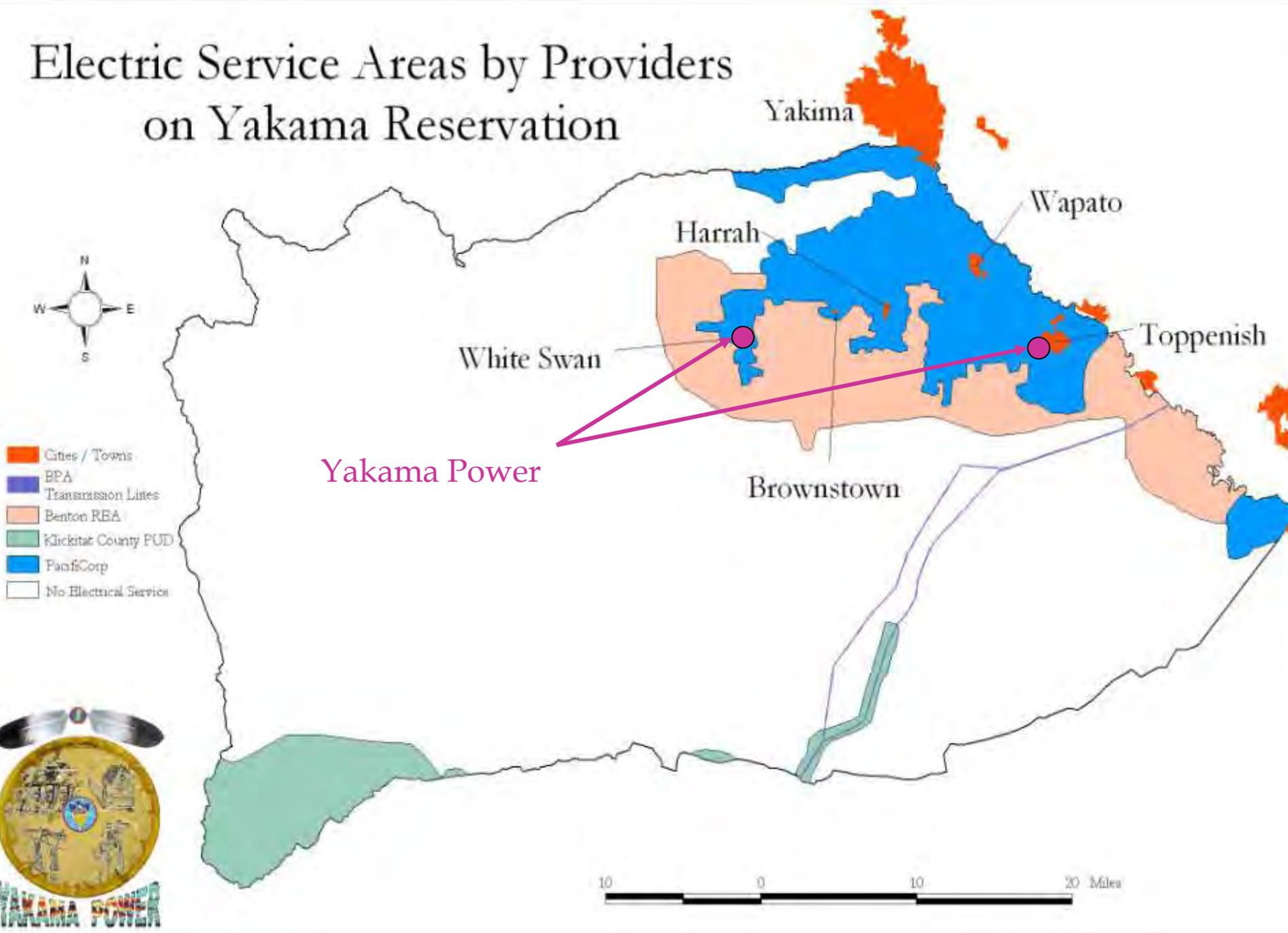
**Yakama Power Grand Opening**



Yakama  
Power  
Customers



# Electric Service Areas by Providers on Yakama Reservation



# TRIBAL UTILITY

**POWER SUPPLY**

**SKILLED PERSONNEL**

**INFRASTRUCTURE**



# Power Supply

BONNEVILLE POWER ADMINISTRATION



BPA

**Yakama Power and the Bonneville Power Administration sign a new 20 year power sales agreement on December 1, 2008**



# Power Supply



**Yakama Power and GCPUD signed a 44 year power sales agreement on June 15, 2008**



# Power Supply



**Yakama Power and the Yakama Nation begin work on renewable projects on the reservation.**





# Yakama Nation / GCPUD Settlement Agreement T-125-07



Yakama Nation / GCPUD Power Sales Agreement T-195-08

Allowed under the agreement

Generation and Transmission assets transferred to YN, June 2008



Yakama Nation / BIA Building Lease (Unknown)

**T-143-92; T-058-03  
T-014-07; T-058-08**

**Generation assets repaired and operational by March 2009**

Yakama Power / GCPUD Technical Assistance Agreement

Yakama Nation / Yakama Power Operations Agreement T-068-11

Transfer of Transmission asset to Yakama Power  
Yakama Nation / DNR / Yakama Power MOU T-170-08

Yakama Power / BIA - MOA for repairs at Drops 2 & 3



Transmission contract from Generators to BPA Alfalfa

Transmission contract from Generators to BPA Alfalfa



CDE 09TX-13976 & CWI 09TX-13975



Metering Agreement 09tx-13981

Transmission Agreement from BPA Alfalfa to Wanapum Dam  
Power Balancing Agreement



# Drop 2 Opening Ceremony





**Traditional Dinner for the  
Hydro Opening Ceremony  
8-11-09**



# Skilled Personnel



# Yakama Power's Apprenticeship Program



# What does it take to be a Lineman?

<b>Yakama Apprenticeship</b>	<b>REQ. HRS</b>
<b>Groundman</b>	<b>1000</b>
<b>Transmission/Substations</b>	<b>1000</b>
<b>Underground</b>	<b>2000</b>
<b>Distribution COLD</b>	<b>2000</b>
<b>Distribution HOT</b>	<b>1000</b>
<b>Supp. HRS</b>	<b>144</b>
<b>On the Job Hours Needed</b>	<b>7144</b>

**Complete three union 10 day  
Specialty Schools with a score of 80%**

**Complete three years of Saturday School  
classes with a score of 80%**

**Complete a final exam with a score of 80%**

**Have three Journeyman Lineman sign  
your card**





Vocational Outside Line

# VOLTA

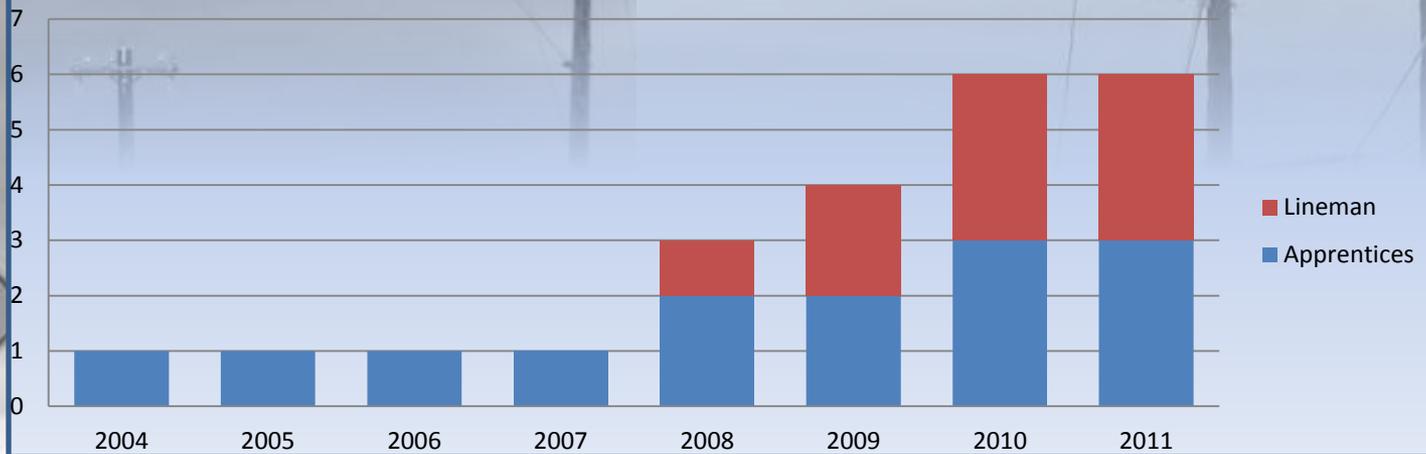
Training Academy

RILEY

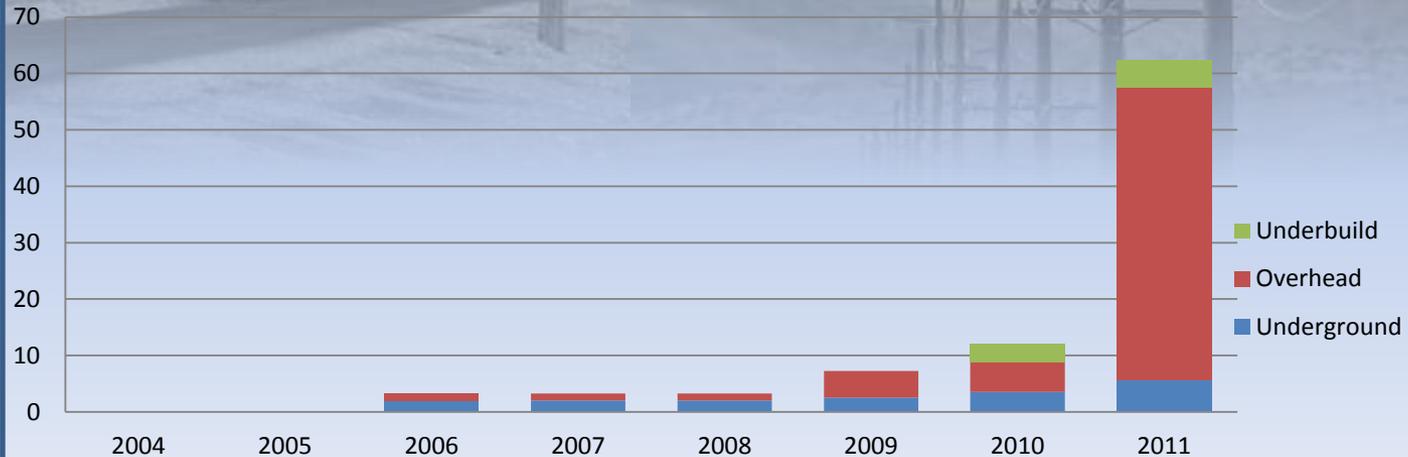




## Yakama Power Line Crew



## Miles of Yakama Power lines



# Infrastructure







Hawk to Wesley Road, Forest Products in background



# Utility Equipment And Vehicles

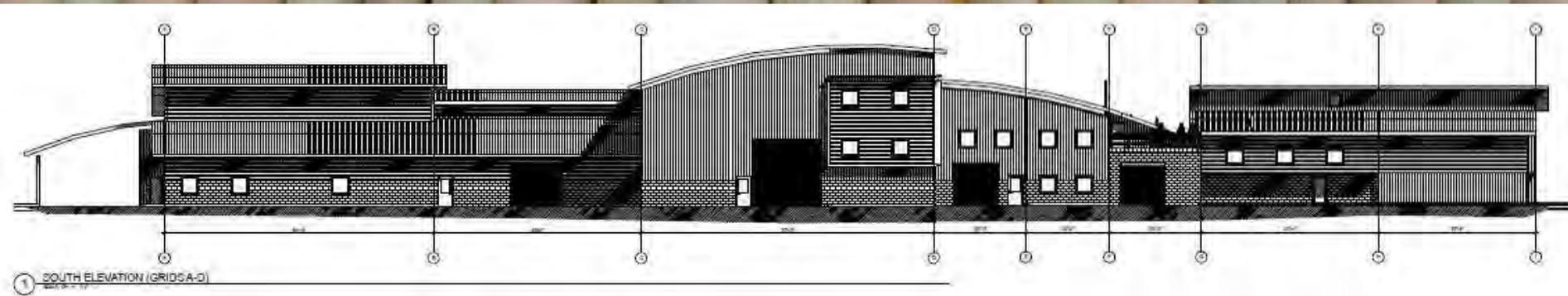






**NEW Buildings  
And Offices**





# Operations and Warehouse Building



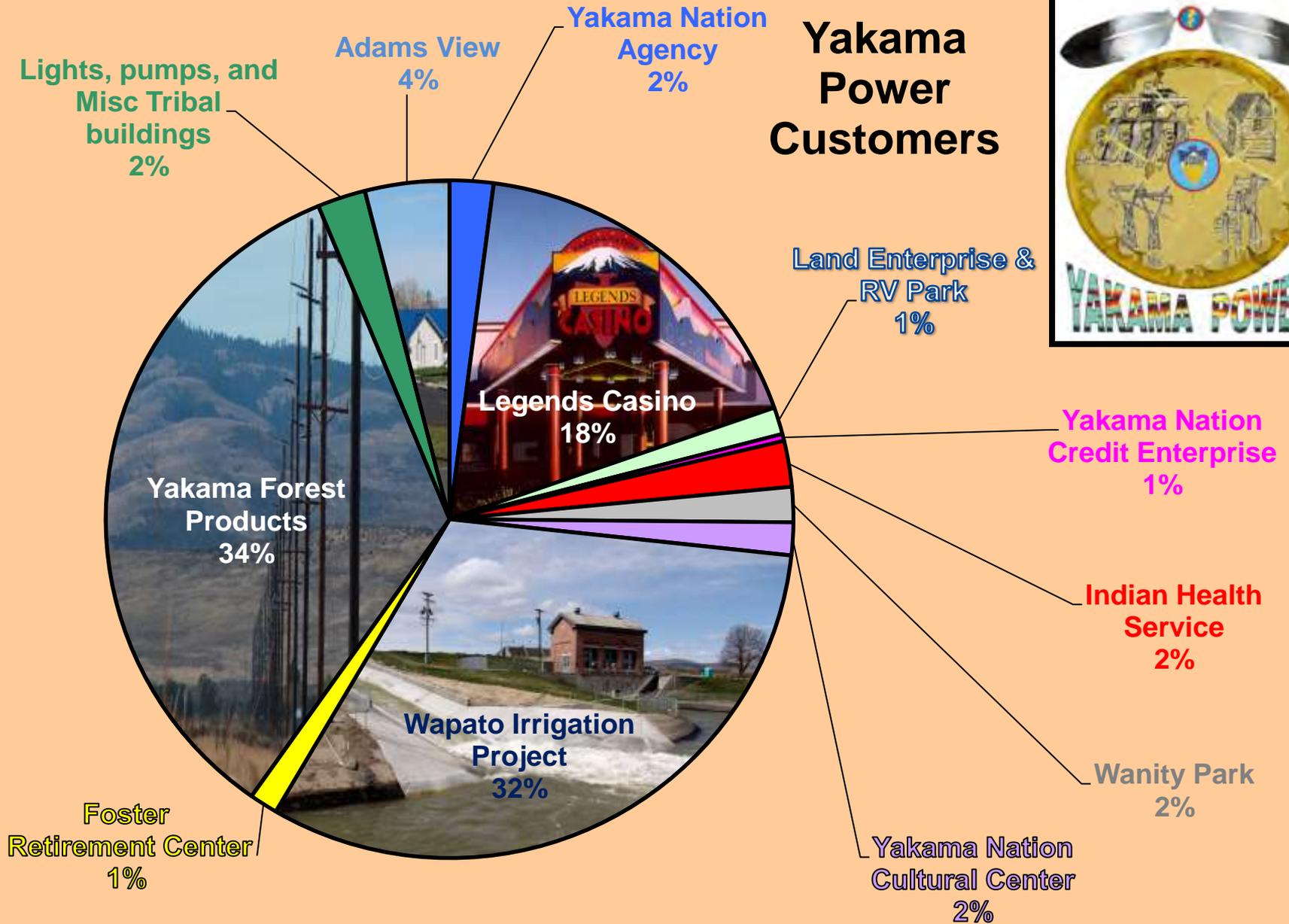
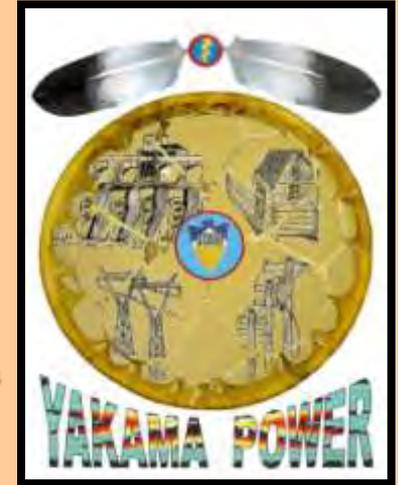
Drawn by: Tony Monroe an enrolled Yakama member

# YAKAMA POWER

ON THE MOVE!



# Yakama Power Customers

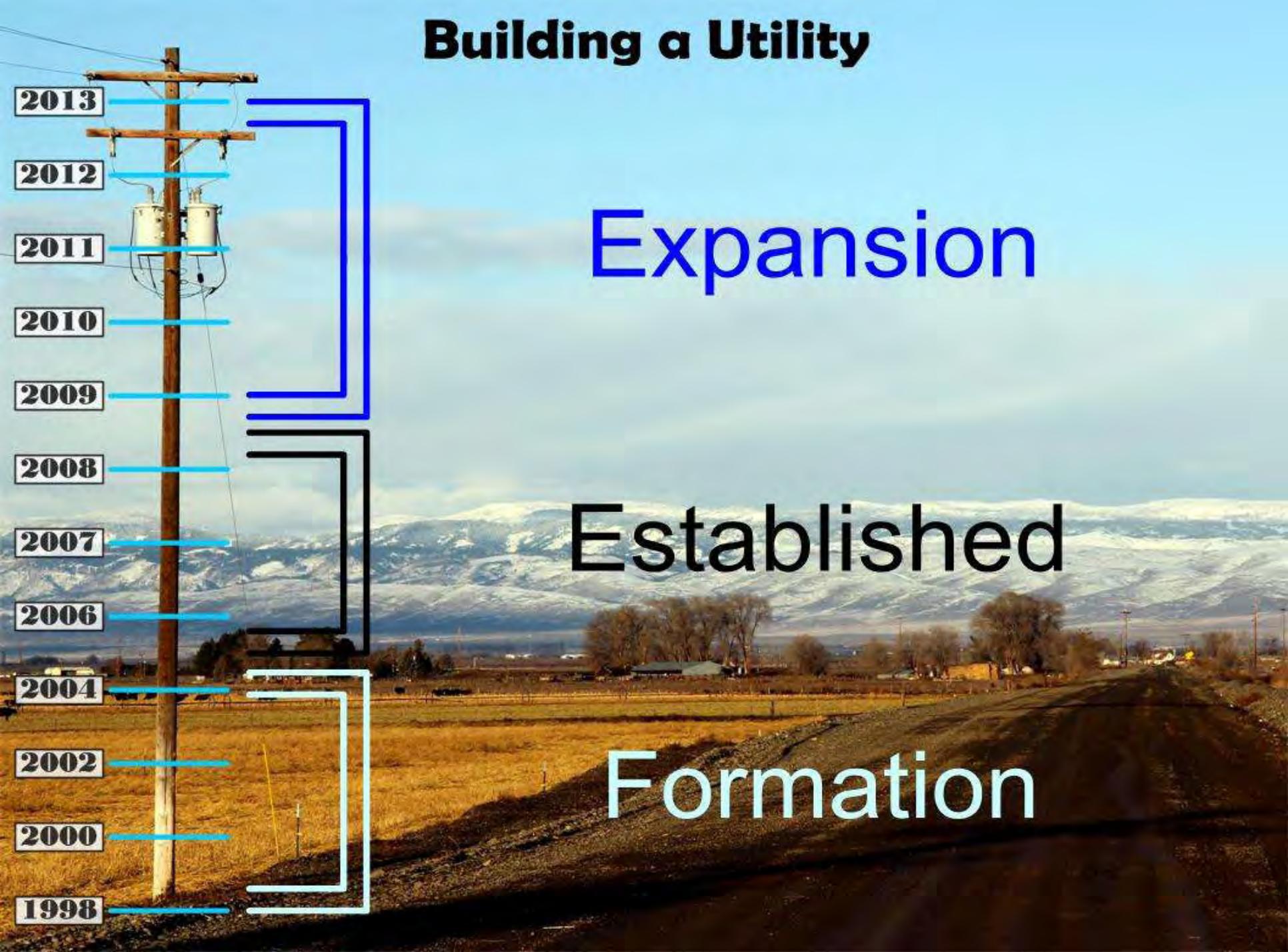


# Building a Utility

Expansion

Established

Formation



2013

2012

2011

2010

2009

2008

2007

2006

2004

2002

2000

1998



**Adams View, a 87 unit housing project is now served by Yakama Power. Benton REA and Yakama Power completed the cutover on March 31<sup>st</sup>. Construction at this site to begin in July, will add an additional 78 homes.**





**Yakama Power builds a new line to serve the Legends Casino sign, and the new Yakamart convenience store and fuel station. This line will also serve two pumps used for the Tribal Agency water supply.**

# Wapato Irrigation Project

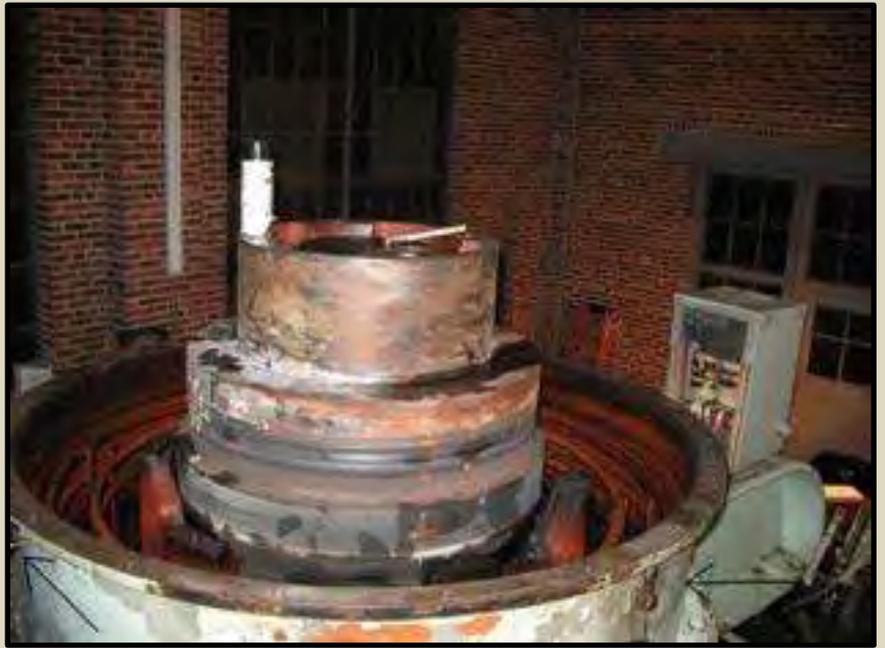


**Drop # 2 Powerhouse**



**Drop # 3 Powerhouse**

# Power Generation











# Drop 4





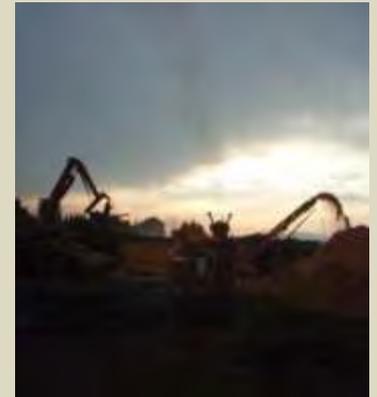
Yakama Power received a VESTAS 100kw wind turbine, which was donated by CERT (Council of Energy Resource

Tribes). The tower was

located in Hood River, has been dismantled, transported, and is awaiting a paint job and minor repairs before coming to the Yakama Nation.



# Yakama Power Renewable Energy Generation Projects

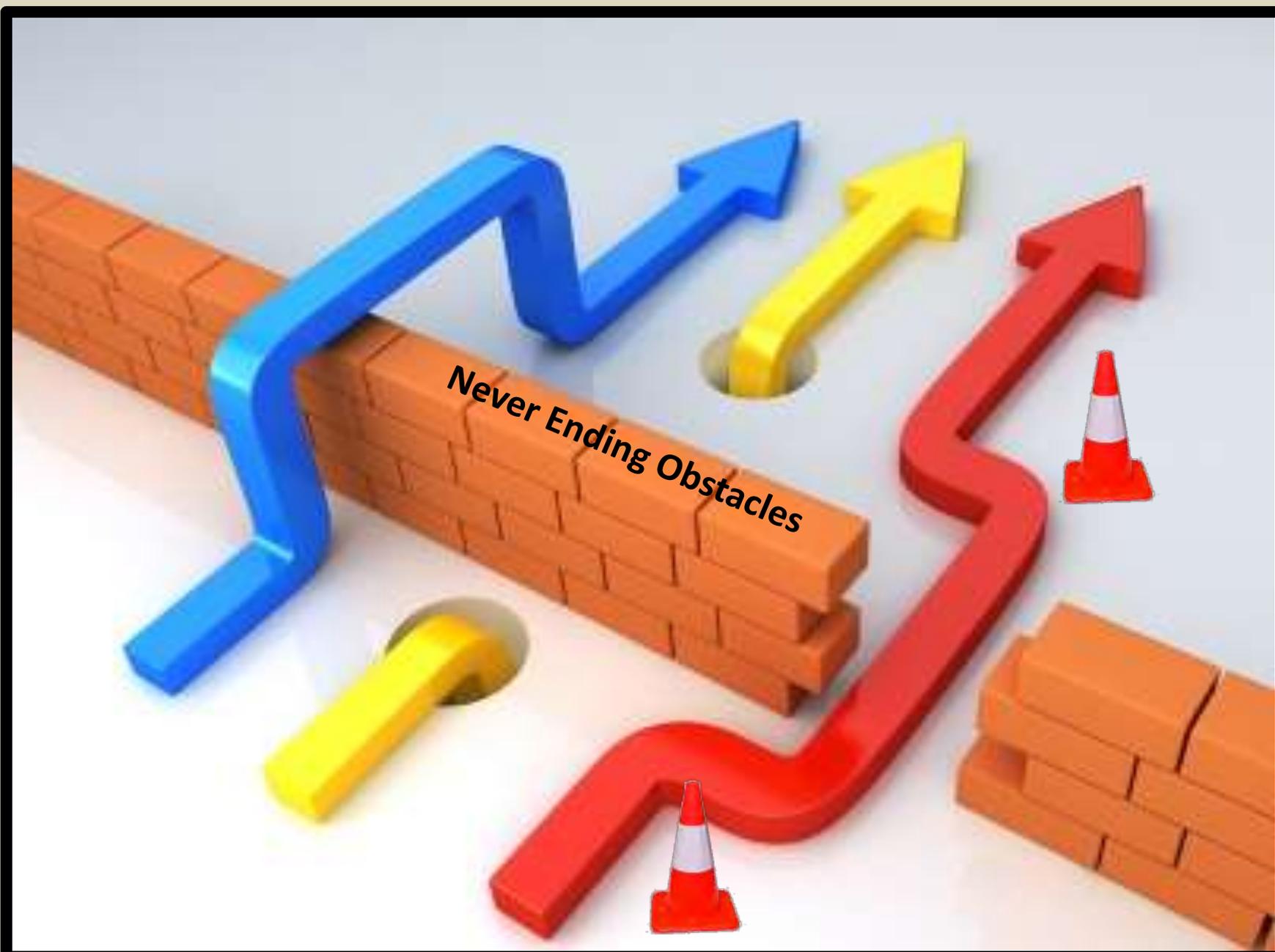


# Developing Relationships



# Tribal Interaction





Never Ending Obstacles



**On Thursday, August 11<sup>th</sup> at 12:30 p.m. this truck drove through this intersection with his bed raised, pulling down phone and fiber optic cables, but also snapping power poles serving our customers and generating plants.**





**Replacement of snapped power poles lasted late into the night.**



**Yakama Power pulls in new line over another utilities live wires at 2:30 a.m.**



**YAKAMA POWER  
WANT'S TO SERVE YOU!**



**KILOWATTHOURS**



**06091855**

# Yakama Power

A work in  
Progress

