BPA CIP-002-3 Customer Outreach

Customer Meeting

BPA Rates Hearing Room

February 13, 2013

Introduction

- Randi Thomas, Manager System Operations, BPA CIP Senior Manager
- Hardev Juj, VP Planning and Asset Management, BPA Reliability Officier

What are we doing

- BPA is implementing mitigation plans address CIP-002
  - BPA will apply the Risk Based Assessment Methodology "to all of the assets for the functions for which it's registered"
- BPA originally interpreted the CIP standards to be applicable to the asset owner.
  - the owner of the asset was responsible for CIP implementation
- BPA was specifically instructed to include in its mitigation plans the assessment of ALL above 100kV assets within the BPA Balancing Authority (BA) area that may be essential to the area that may be essential to the BES from the perspective of any of BPA's applicable registered functions.
- This is the first time BPA will conduct an assessment that includes others' equipment. To complete the assessment, BPA will request a list of assets (100kV and above) from about 130 of its customers. To meet WECC's deadline, we are asking customers to submit the data by March 15.

Why are we doing it?

- This is a NERC reliability measure. By conducting this evaluation, we will be able to demonstrate and certify that we have identified all assets and any associated cyber assets that are critical to BPA's registered functions

- This is a significant change for BPA and our customers, and we have a short timeline in which to complete the work. We are asking for our customers' cooperation to ensure we complete WECC's directions within the mitigation plan deadline.

Who else is conducting similar assessments?

- According to WECC, all NERC registered entities should evaluate all assets in their footprint that are critical to the operation of each of their registered functions. BPA cannot say whether other entities with multiple registrations have conducted or will conduct a similar evaluation.

What is BPA requesting

- A listing of substations that includes at least one element above 100 kV with the highest rated voltage element identified
- Listing of lines with entities name including voltage
- Did you identify any assets as critical?

Asset Template

Customer Name: Bob's PUD **Customer Contact Information:** **Bob Jones** **45 NE Bob Road** **Bob, WA 98111** **bob@bobpud.com** **(360)555-1212**				
Type of Asset	**Facility Name**	**Descrption**	**Voltage**	**Comments**
Line	Sub A to Sub B		115kV	Operated Radial
Line	Sub A to Sub C Line #1		115kV	
Line	Sub A to Sub C Line #2		230kV	
Substation	Substation A		230kV	
Substation	Substation A		115kV	
Transformer	Substation A	Bank #1	230/115kV	
Transformer	Substation A	Bank #2	115/12.5kV	Operated Radial

What if I don't respond

- BPA will reach out to non-responders and encourage them to comply with our request. BPA has agreed to provide a list of non-responders to WECC, we do not have any knowledge about what WECC will do with that information.

What if a customer disagrees with the BPA assessment?

- BPA has to assess all assets according to the RBAM it developed in consultation with WECC. BPA will work with the customer to help them understand the methodology, and we will work with the customer to determine whether a critical asset contains any critical cyber assets.

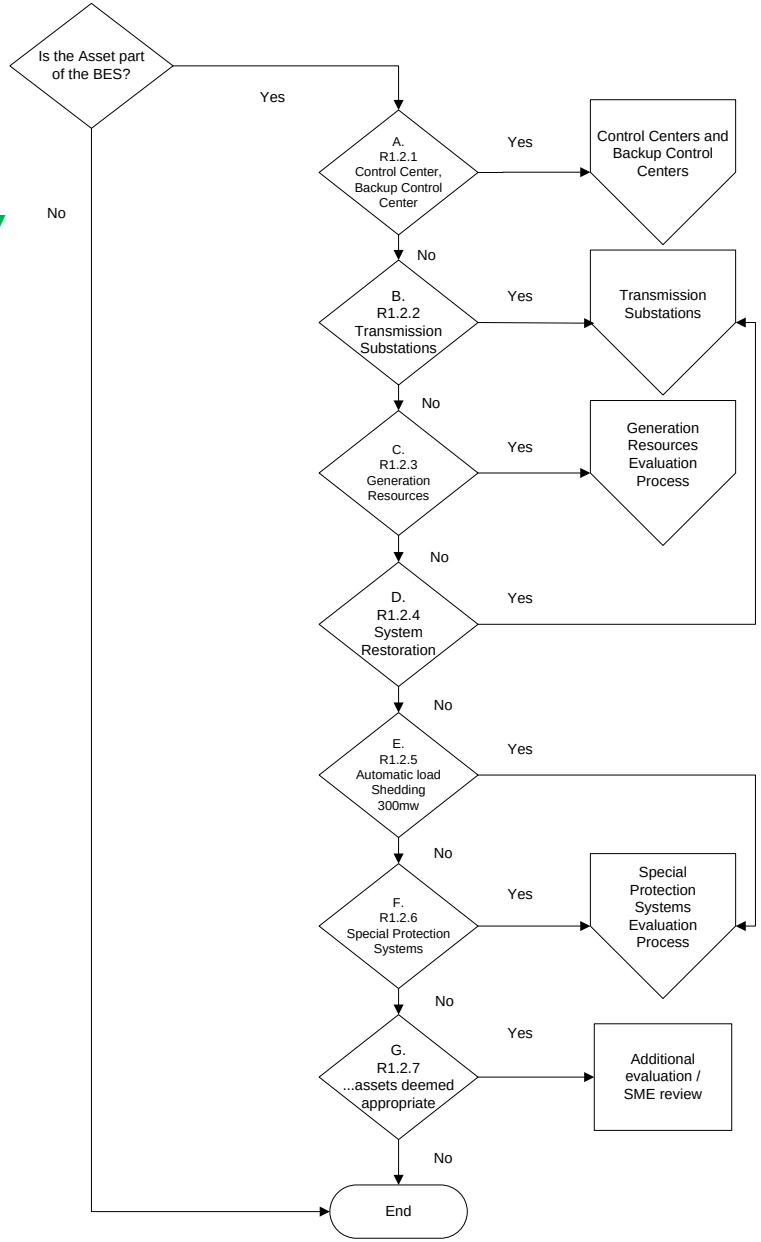
Anticipated results

- BPA believes that it has already identified the majority of Critical Assets essential to BPA's operations.
- BPA does not expect to find many customer-owned assets essential to BPA's operations

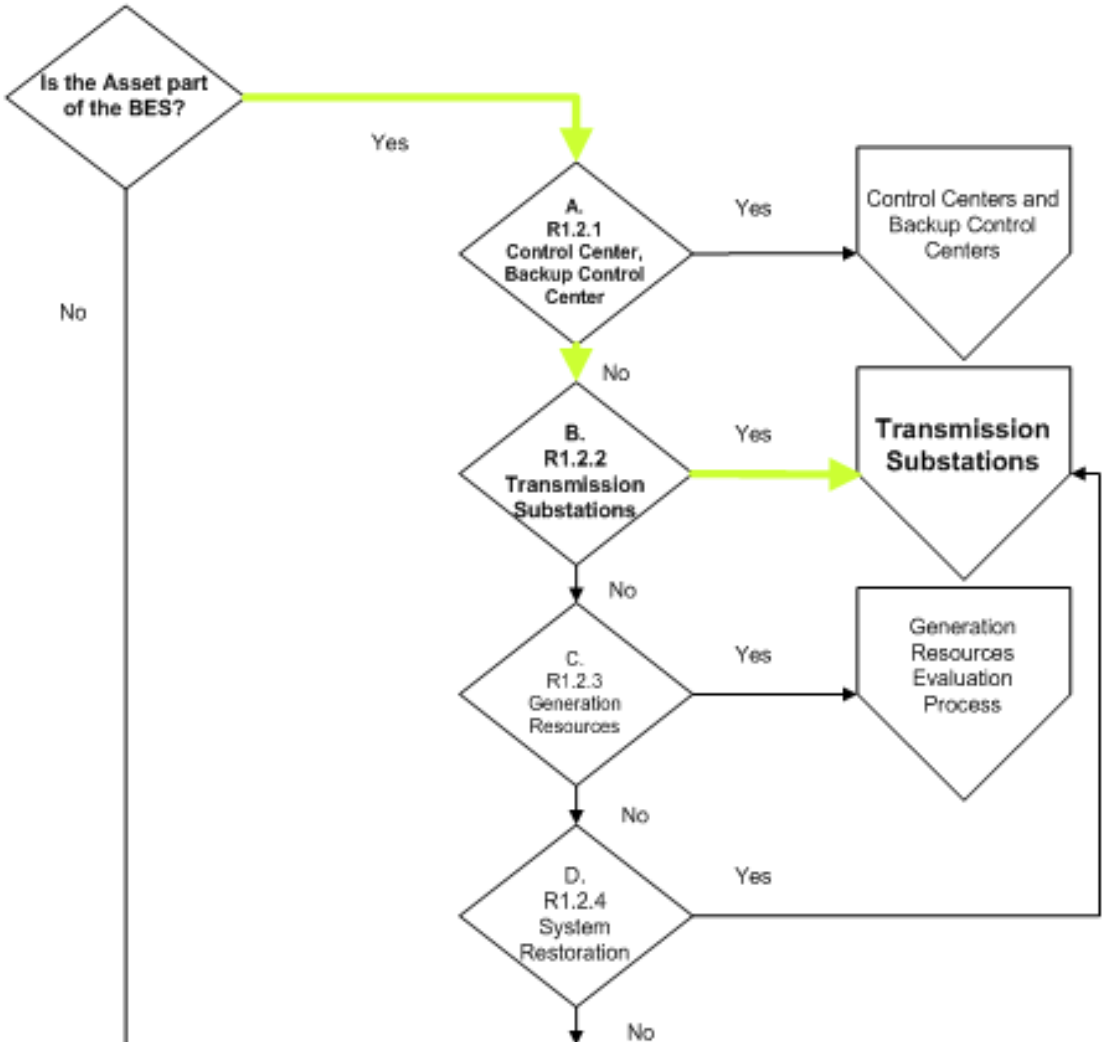
High Level Elimination Questions - RBAM

- Do you have an asset in the BPA Restoration Plan?
- Do you have an asset above 345kV?
- Do you have essential generation?
- Is your asset essential for Voltage and Frequency Support and Stability and System Operating Limits of BPA's system?

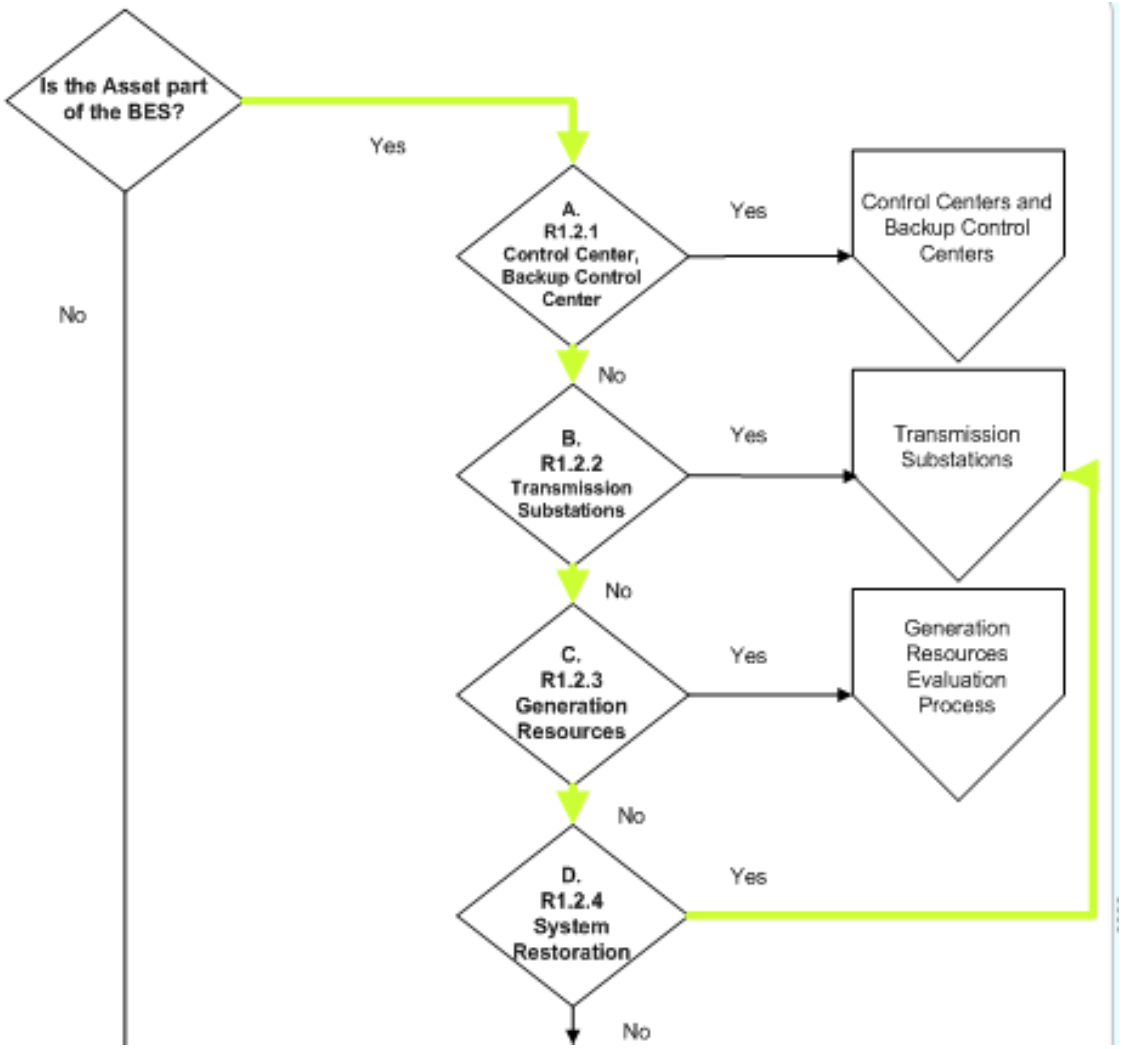
CRITICAL ASSET INDENTIFICATION OVERVIEW



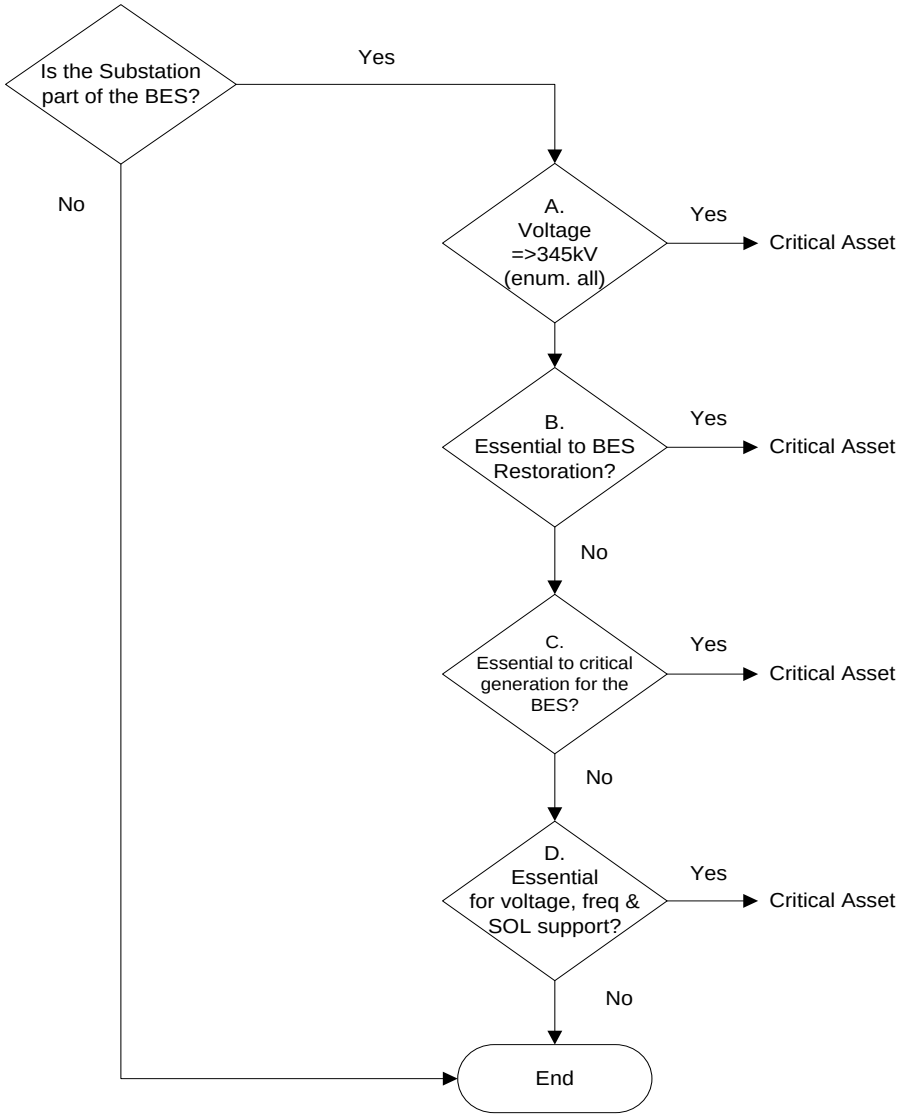
CRITICAL ASSET INDENTIFICATION OVERVIEW



CRITICAL ASSET INDENTIFICATION OVERVIEW Cont



Transmission Substations CIP 002-3 R1.2.2



Substation Worksheet

BONNEVILLE POWER ADMINISTRATION

Substation

2013 Annual Approval CIP-002 R1.2.2 Critical Asset List

CRITICAL INFORMATION - CONTROLLED DISTRIBUTION -

Name/Org: _____ Date: _____

Substation	Max Voltage	A. =>345	B. Essential for BES Restoration	C. Essential to Critical Generation	D. Essential for Voltage, Frequency Support / Stability / SOL	Essential Line	Critical Asset	Notes

Timeline & Next Steps

2/8/13	Formal data request to be sent to General Manager
2/14/13 – 3/15/13	Customer Service Engineering and Transmission Reliability Program available for customer meetings
3/15/13	**Data due back to BPA**
3/15/13 - 5/10/13	BPA will be compile and analyze all assets through the BPA RBAM
Beginning 4/5/13	BPA will begin to inform customers if their assets have been identified as a BPA CA. BPA will work with customers to ensure the CA's and any potential CCA's are protected.
5/15/13	BPA to complete RBAM analysis and submit results to WECC
8/15/13	BPA to complete listing of CCA's

Questions