

Application No. 18-04-____
Exhibit PAC/702
Witness: Richard A. Vail

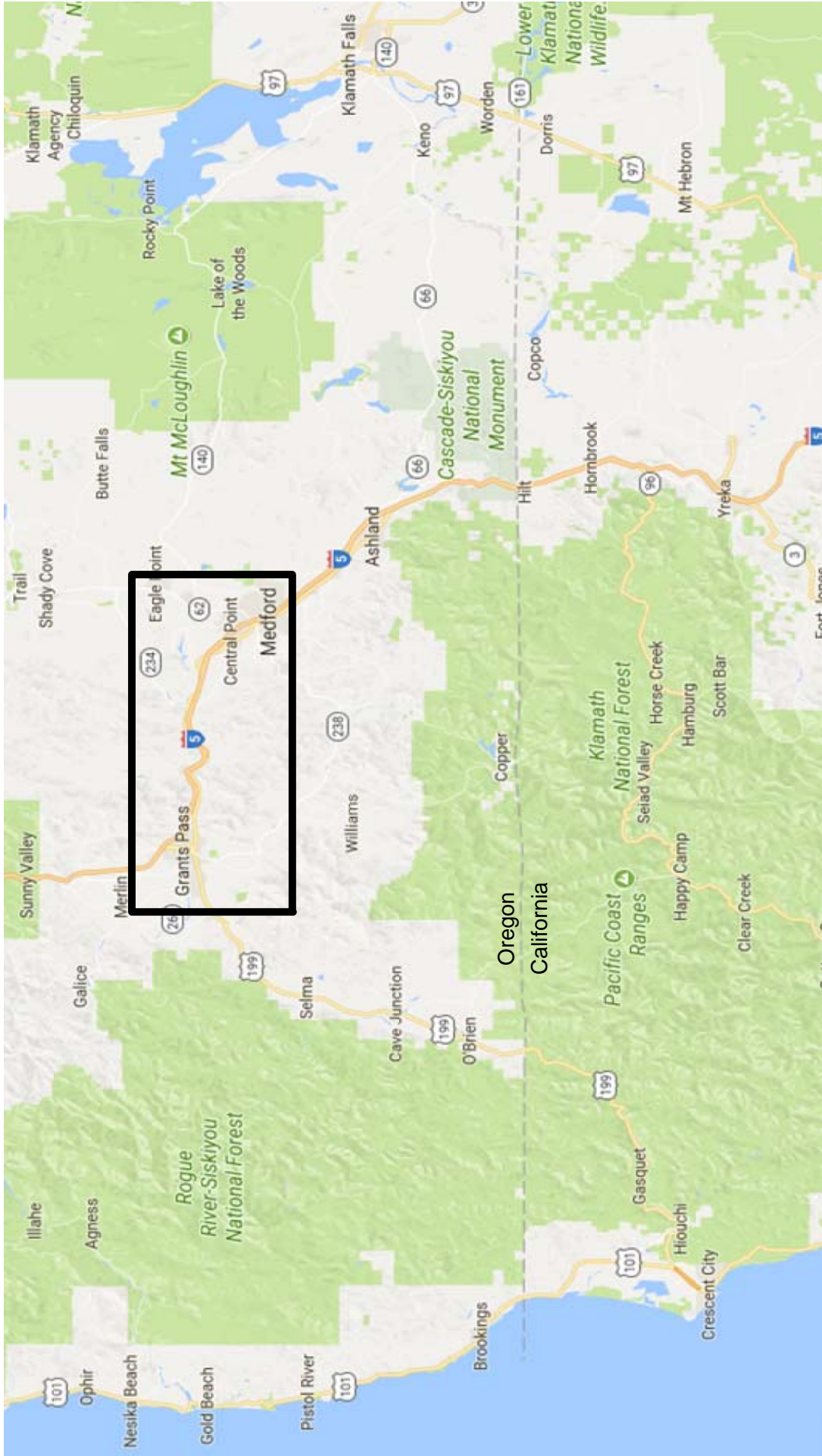
BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

PACIFICORP

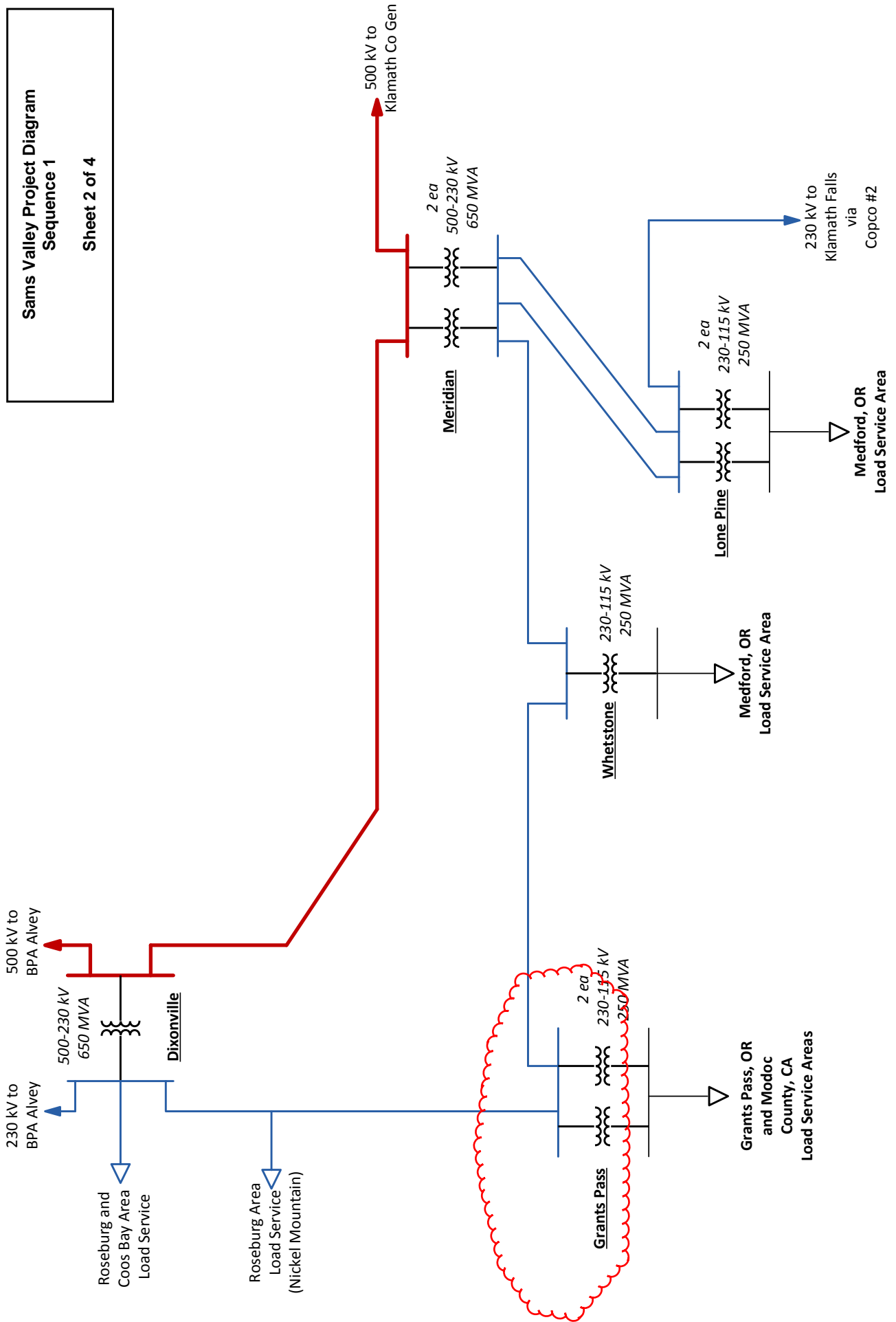
Exhibit Accompanying Direct Testimony of
Richard A. Vail
Sams Valley Substation Project Area and Project Diagram

April 2018

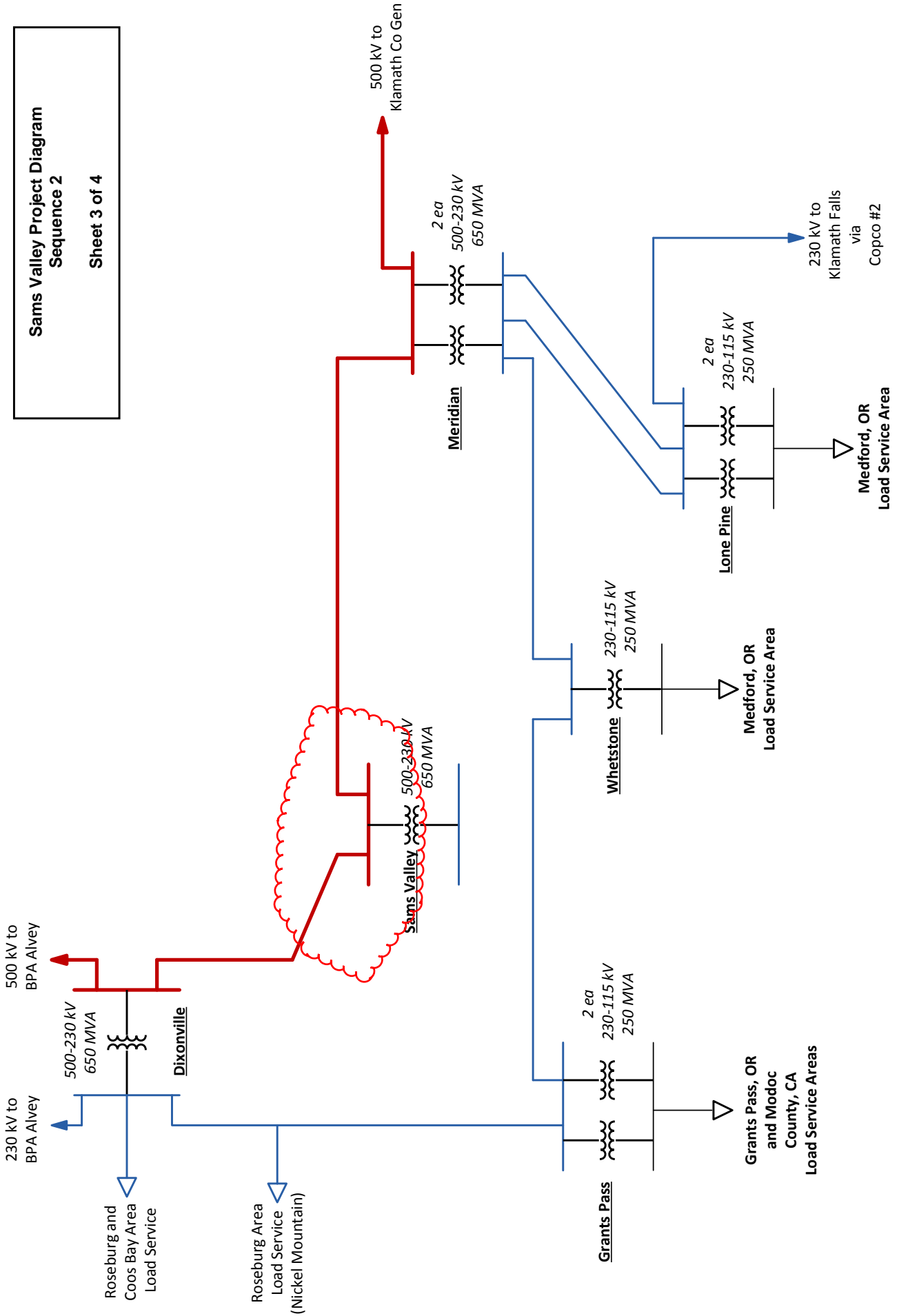
Sams Valley 500-230 KV New Substation Project Area



Sams Valley Project Diagram
Sequence 1
Sheet 2 of 4



Sams Valley Project Diagram
Sequence 2
Sheet 3 of 4



500 kV to
BPA Alvey

230 kV to
BPA Alvey

500-230 kV
650 MVA

Roseburg and
Coos Bay Area
Load Service

Dixonville

Roseburg Area
Load Service
(Nickel Mountain)

500 kV to
Klamath Co Gen

2 ea
500-230 kV
650 MVA

Meridian

Sams Valley
500-230 kV
650 MVA

2 ea
230-115 kV
250 MVA

Grants Pass

Grants Pass, OR
and Modoc
County, CA
Load Service Areas

Whetstone
230-115 kV
250 MVA

Medford, OR
Load Service Area

2 ea
230-115 kV
250 MVA

Lone Pine

230 kV to
Klamath Falls
via
Copco #2

Medford, OR
Load Service Area

Sams Valley Project Diagram
Sequence 3
Sheet 4 of 4

