

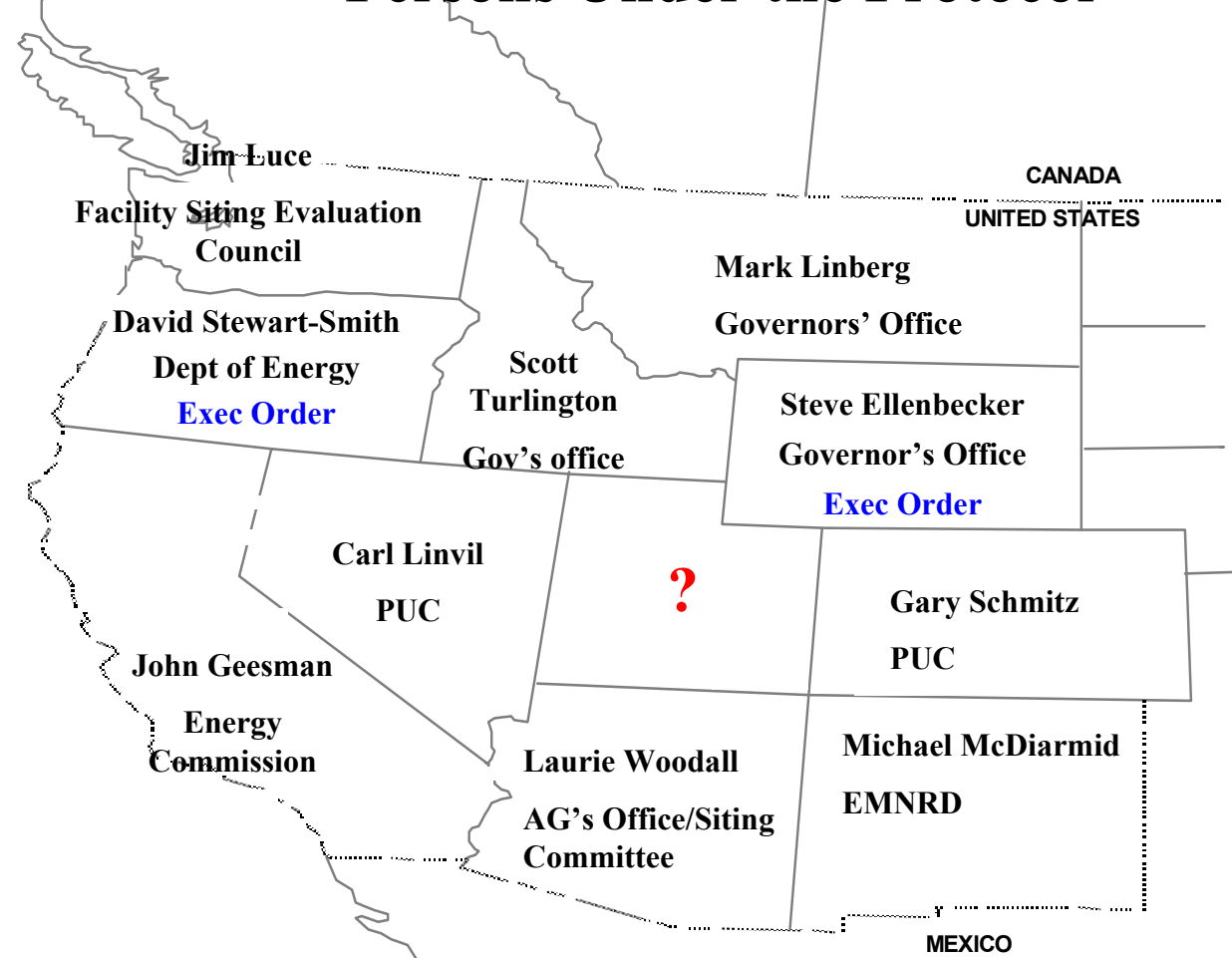
WGA Transmission Permitting Protocol meeting

- 9 a.m. – 11:30 a.m.
- Agenda
 - Introductions
 - Protocol developments
 - State and federal permitting processes
 - Potential proposals to trigger Protocol
 - Western Interconnection transmission planning

Chronology

- 2/01 Governors' electricity crisis roundtable
- 5/01 Governors' transmission roundtable
- 8/01 Governors direct development of permitting protocol
- 10/01 – 6/02 CREPC drafts and revises protocol based on governors' instructions
- 6/02 Federal agencies express desire to join
- 6/02-9/02 12 governors and 4 federal agencies sign protocol
- 10/02 – present: 10 governors appoint lead persons; OR and WY governors sign executive orders
- 6/04 – report due to governors on Protocol implementation

Governors' Appointments of Lead Persons Under the Protocol



Features of the Western Protocol (1)

- **Executed by 12 governors and 4 federal agencies**
- **Goal is collaborative reviews of interstate transmission proposals**
- **Does not preempt existing authorities of any agency**

Features of the Western Protocol (2)

- **Permit review process**
 - Designate **Project Teams**
 - Develop **information to allow decisions on “need”**
 - **Joint activities**, records, environmental reviews, timelines, information requests
 - **Transparency of information**
- Web site --
<http://www.westgov.org/wieb/>

Governors' Request for Evaluation of Need for Enhanced Regional Electricity Function

- Governors directed that the value of a more formal regional electricity entity be explored
- CREPC examined 5 topical areas, including transmission permitting
- Finding adopted by CREPC in March:
 - **Protocol is untested but should be adequate, unless federal pre-emption legislation is adopted**
- Forward recommendations to governors for June meeting

Several Sub-Regional Planning Groups

**Northwest
Transmission
Assessment
Committee
(NTAC)**

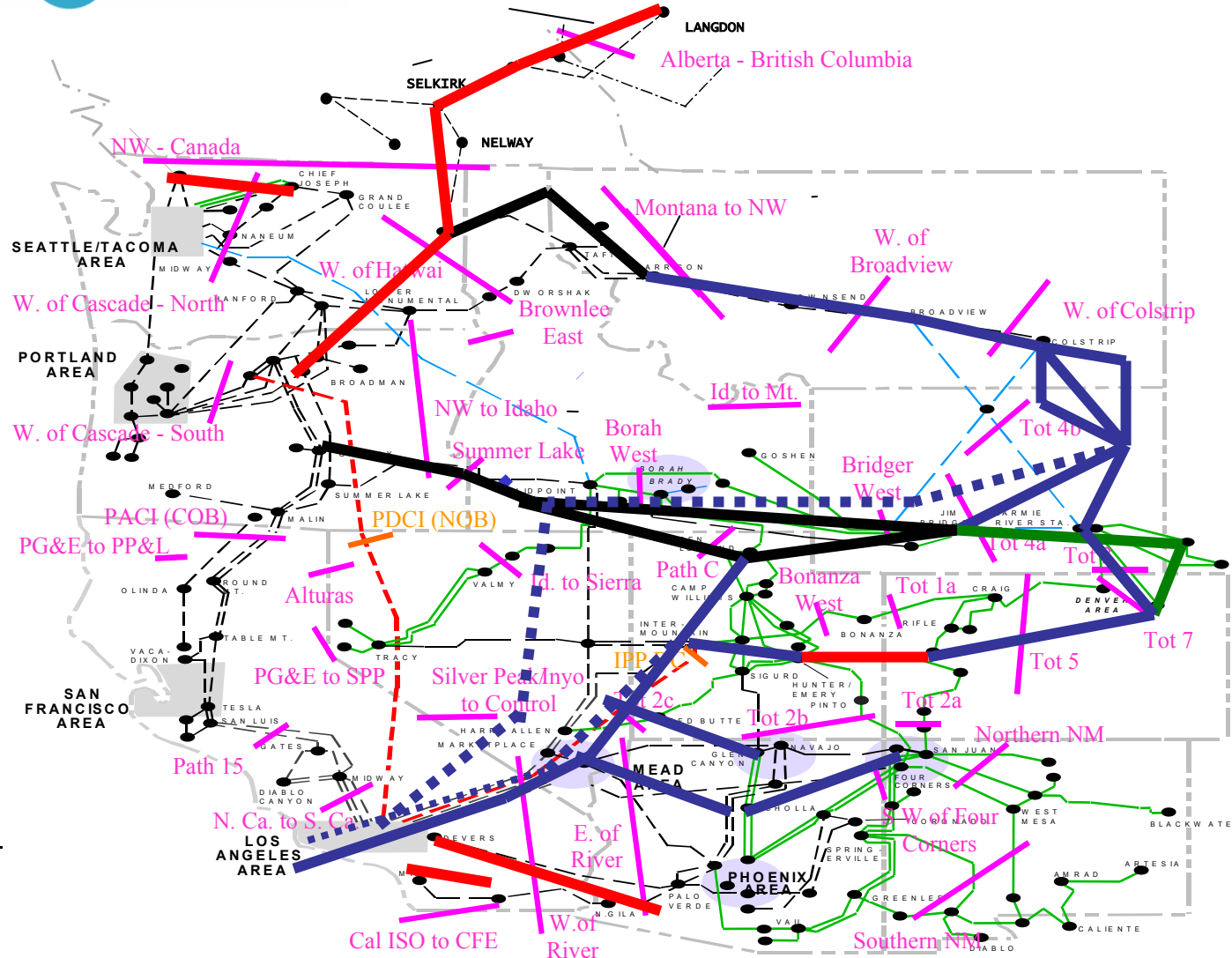
**Rocky
Mountain
Area
Transmission
Study
(RMATS)**

**Southwest Transmission
Expansion Plan
(STEP)**

**Southwest Area
Transmission (SWAT)
Planning Group**

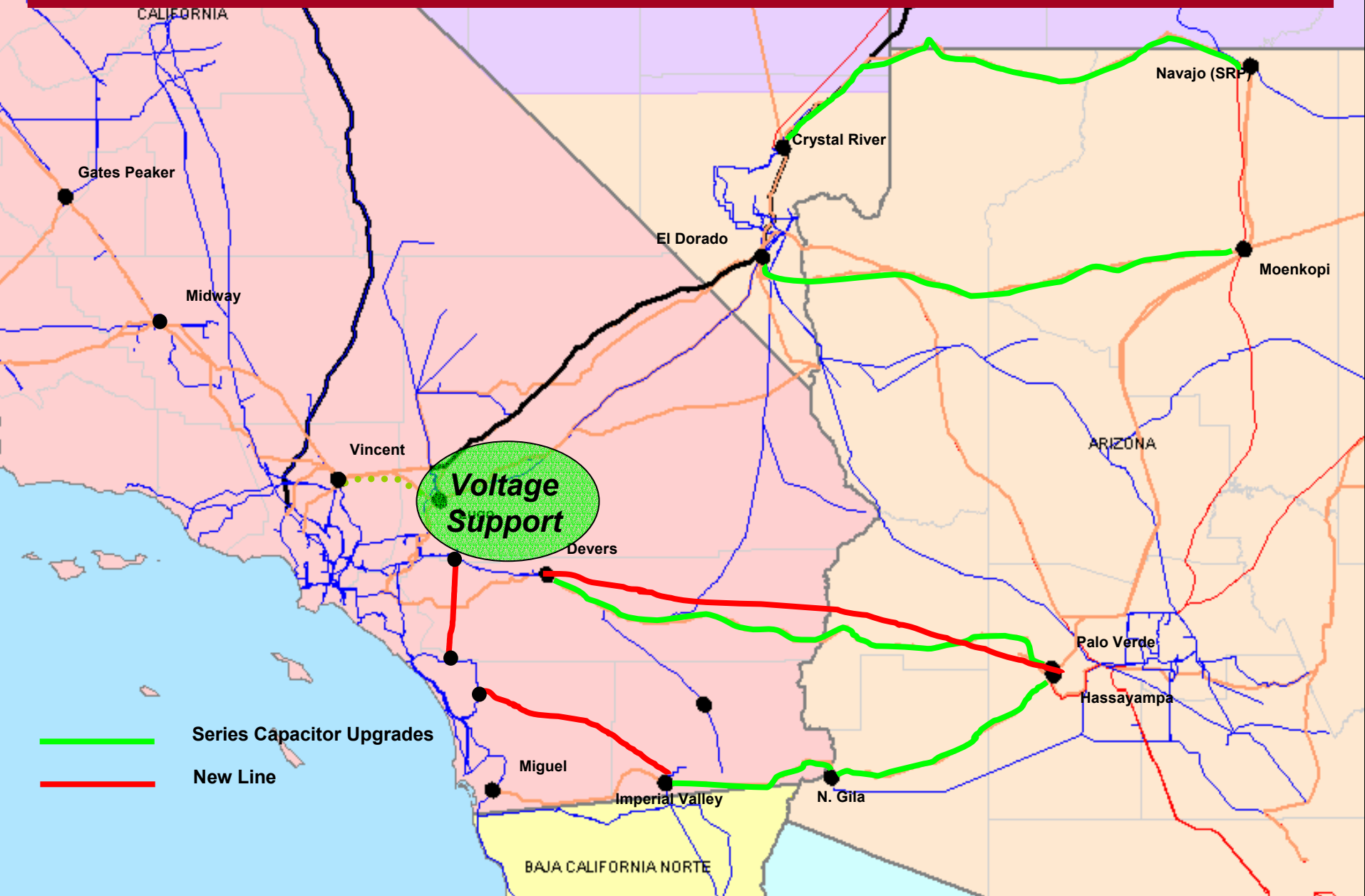


Western Interconnect Transmission Paths



- 1 Alberta-BC
- 2 Alberta – Saskatchewan
- 3 Northwest – Canada
- 4 West of Cascades – North
- 5 West of Cascades – South
- 6 West of Hatwai
- 7 Blank
- 8 Montana to Northwest
- 9 West of Broadview
- 10 West of Colstrip
- 11 West of Crossover
- 12-13 Blank
- 14 Idaho to Northwest
- 15 Midway – Los Banos
- 16 Idaho – Sierra
- 17 Borah West
- 18 Idaho – Montana
- 19 Bridger West
- 20 Path C
- 21 Arizona to Calif
- 23 Four Corners 345/500
- 24 PG&E – SPP
- 25 PacifiCorp/PG&E 115 Intercon.
- 26 Northern – Southern Calif
- 27 Intermountain Power Project
- 28 Intermountain – Mona 345 kv
- 29 Intermountain – Gonder 230 kv
- 30 TOT 1A
- 31 TOT 2A
- 32 Pavant/Intermtn Gonder
- 33 Bonanza West
- 34 see paths 78 & 79
- 35 TOT 2C
- 36 TOT3
- 37 TOT 4A
- 38 TOT 4B
- 39 TOT 5
- 40 TOT 7
- 41 Sylmar to SCE
- 42 IID – SCE
- 43 North of San Onofre
- 44 South of San Onofre
- 45 SDG&E Comision Fed. de Elect.
- 46 West of Colorado River (WOR)
- 47 Southern New Mexico (NM1)
- 48 Northern New Mexico (NM2)
- 49 East of the Colorado River
- 50 Cholla – Pinnacle Peak
- 51 Southern Navajo
- 52 Silver Peak – Control 55 kv
- 53 Billings – Yellowtail
- 54 Coronado West
- 55 Brownlee East
- 56-57 Blank
- 58 Eldorado – Mead 230 kv Lines
- 59 WALC Blythe – SCE Blythe

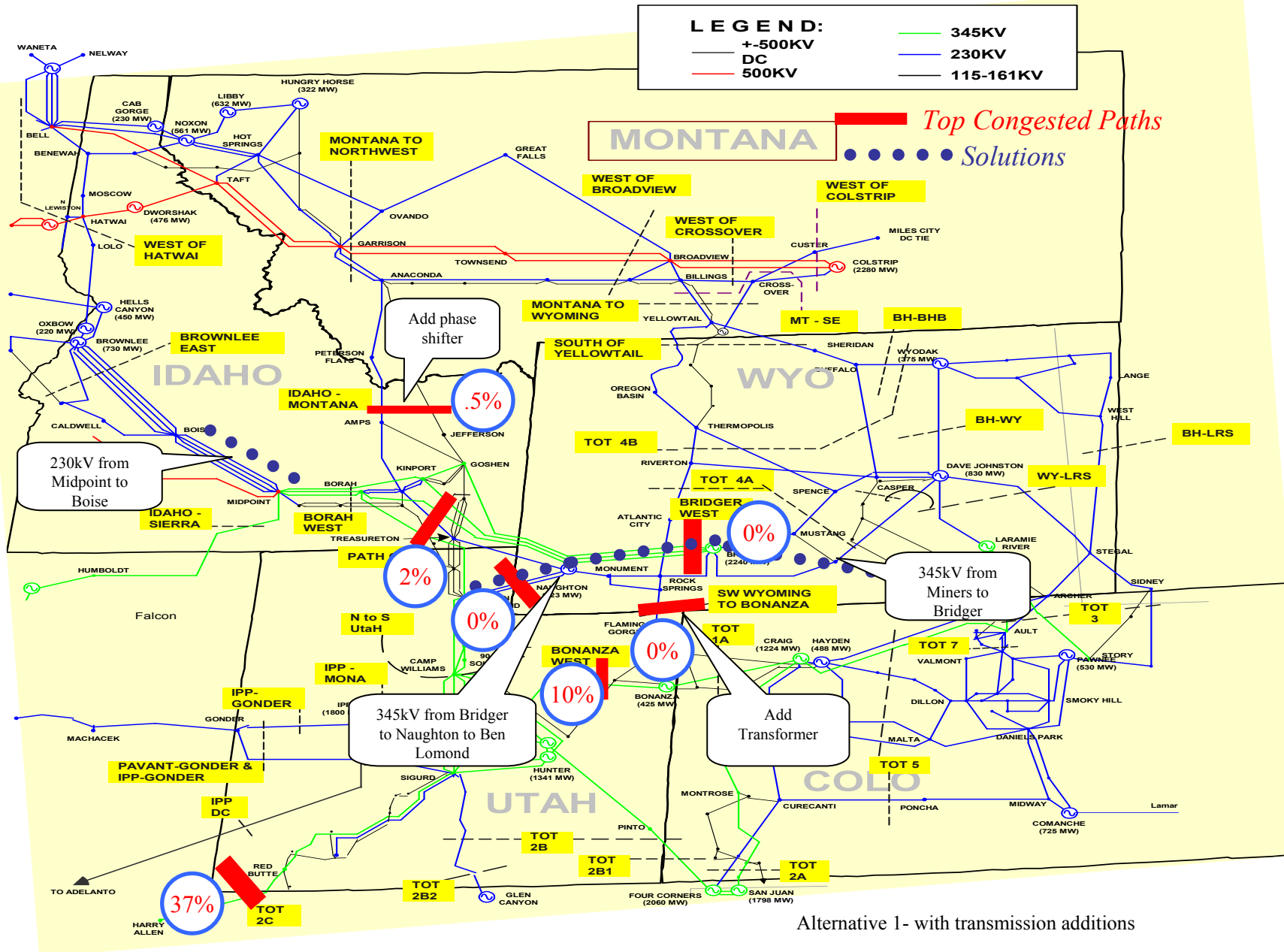
Current STEP Transmission Plan



-  Series Capacitor Upgrades
-  New Line

Alternative 1, Solutions to Congestion

426 transmission miles



Alternative 1- with transmission additions

Alternative 2, Solution to Congestion- Run 1

1,019 transmission miles

