

**Treasure Valley Electrical Plan
Community Advisory Committee
Meeting Summary
April 26, 2006**

Committee Attendance:

- Dave Aspitarte
- Teri Bath
- Susie Brocke
- Elaine Clegg
- Dave Dykstra
- Matt Ellsworth
- Kelli Fairless
- James Grunke
- Kathleen Lacey
- Mike McGown
- Commissioner Bryce Millar
- Stan Olson
- Paul Raymond
- John Tomkinson
- John Velikoff
- Donna West

Idaho Power Attendance:

- Dave Angell
- Layne Dodson
- Jared Ellsworth
- Kent McCarthy
- Kip Sikes
- Bryan Wewers
- Mike Ybarguen

RBCI Attendance:

- Rosemary Curtin
- Jennifer Oxley

Meeting Objectives:

- Present the outcomes of the March workshops
- Confirm commonalities of March workshop maps
- Outline areas where workshop maps differ and seek input

Meeting Handouts:

- Agenda
- March workshop summary
- Mapping Results – Groups 1-6 (six maps)
- Mapping results – All Elements
- Mapping Results – Common Elements
- Mapping Results – Favored Elements
- Mapping Results – General 500kV Transmission (two maps)
- Mapping Results – General Hub Substations

Meeting Highlights:

- Kent McCarthy opened the meeting with a welcome and introductions
- Rosemary reminded the committee to let her or Kent know if they have any changes to the meeting summaries
- Rosemary reviewed the dates for the May meeting. The next meeting could be May 24 or May 31. Depending on committee members' schedules, the meeting may be held both days.
- After the May meeting, the committee will not meet again until August
- Kent reviewed the issues important to the workshop groups, which are included in the March workshop summary. He reviewed the Treasure Valley build out map and group maps. Here is what was found:
 - **Source and hub substations**
 - With only a couple exceptions, all groups chose the same hub substations that Idaho Power had previously identified
 - Many groups placed five source substations instead of four
 - Some groups co-located source and hub substations
 - There were no source substation sites that all groups agreed upon. However, all or nearly all groups agreed to some general locations for five source substations. The locations were not geographically exact, but they were nearly the same.
 - There was agreement for 13-14 hub substation locations, though Idaho Power may need more to meet the Treasure Valley's needs. Idaho Power will evaluate this and report back to the committee.
 - **Transmission lines**
 - There were similarities in the location of the 500kV line, especially in the southern end of the valley.
 - Group 6's 500 kV line followed the existing highway from I-84 to New Plymouth and then followed the railway to Emmett.
 - There were some similarities for the 230 kV line
- Kent asked the committee if he could report some locations as swaths (general locations) instead of exact locations. Comments from the committee included:
 - Extend the northern swath north of Emmett – it might be less expensive for right-of-way
 - Existing substations aren't shown, maybe they should be
 - No commonalities between the 230 kV lines are shown
- Following Kent's presentation, the committee members were asked to have a discussion to follow up on the March workshop. Committee members were seated with their groups from the March workshop, when possible. Committee members present at today's meeting who

weren't able to attend a March workshop were placed in a group.

- Committee members were asked to discuss the following questions:
 - Does the committee agree with the locations of the groupings and swaths?
 - Are there any “show stoppers” or “can't dos”?
 - Reflect on the locations of transmission lines and substations and make sure the group doesn't feel it was influenced by Idaho Power in its decision
 - Should there be a double-circuited 230 kV line instead of a 500kV? This could provide better reliability and make it easier to build in stages.

The following is what was reported back to the entire group:

Does the committee agree with the groupings and swaths?

- The committee members were agreeable to include the whole western swath as long as 500 kV transmission lines are not placed in communities included in the swath
- The northern swath can follow the railroad tracks, but the committee members would prefer it not go through Emmett. The members might feel differently if the lines could be placed in an industrial area of Emmett
- An advantage of the far northern route is that it could follow the hills instead of locating in the valley.
- Group 6 in the March workshops chose a specific corridor for the northern route, because the group felt it would be acceptable to the public
- It's fine to keep the eastern swath along the 230 kV route
- Include the Boise Bench Substation should be included in the southeast source substation grouping as a satellite to that group. It should be included as a potential location for a source substation.

Are there any “show stoppers” or “can't dos”?

- Boise Bench
- Pierce Park/Dry Creek is too dense
- Two groups said the route through Emmett was a show stopper
- Avoid diagonal lines, except where following an existing line
- State Street
- Viewsheds
- Don't run lines through cities unless it's through the industrial areas

Idaho Power's influence

- Committee members emphasized that they asked questions of Idaho Power staff during the workshops and wanted their feedback
- Very collaborative committee, no one has an agenda

Should there be a double-circuited 230 kV line instead of a 500kV?

- Everyone seemed to agree that this was a good idea as long as it is efficient, reliable and cost effective

The following are verbatim notes taken during the individual groups' discussions. Some groups didn't discuss every question:

Group 1 – Kelli Fairless, Mike McGown, Paul Raymond, John Velikoff

- Show stoppers:
 - Boise Bench 500 kV congestion
 - Pierce Park three 230 kV's congestion
- Double circuited 230 kV line instead of a 500 kV?
 - What is the reliability gain?
 - Appearance – would prefer a 500 kV
 - 500 kV
 - Hidden Springs, Dry Creek substation to Oasis (on existing 230 kV right-of-way), stay out of developed area south of Emmett
 - West side is first choice; second choice Hwy 95
 - SE – Avoid Boise Bench because of congestion; staying on existing 230 ROW but if north/south corridor is available to shorten route would be okay
 - 230 kV
 - Utilizing existing substation at Dry Creek is a good option
 - Hwy 16 location (corridor) for hub is acceptable too
 - SW is good
 - SE is good
 - S is generally okay

Group 2 – Teri Bath, Susie Brocke, Elaine Clegg, Kathleen Lacey, John Tomkinson

The following comments were placed on the map:

- Prefers Group 4 route south to north on west end
- Avoid existing communities when siting the 500 kV lines – Greenleaf, Parma, New Plymouth, Emmett
- Prefer the large swath through the north section as opposed to the Emmett route
- SW source okay
- SE source group okay

- NW source group okay
- NE source group locate with H.C. 230 kV lines
- Prefer to locate the fifth source substation at Boise Bench
- Prefer the existing 230 kV routes on the east end

Group 3 – Matt Ellsworth, James Grunke, Bryce Millar

The following comments were placed on maps:

Groupings and swaths:

- Swaths – move north
- Hwy 95 may raise questions, but not a lot of existing development
- East swaths make sense
- Grouping area needs to be larger; however, keep the grouping in the NW corner of the valley
- Will need a source substation to support SunCor planned community – can 3 and 4 in the NE grouping do this?

Show stoppers:

- Stay away from going diagonally unless following existing right-of-way
- No show stoppers for the Boise Metro Chamber, inform local jurisdictions

Idaho Power influence:

- The group was very happy with Idaho Power's input

Double circuited 230 kV line:

- Do what's most efficient, most reliable and most cost effective
- 12 vs. 3 lines

Group 4 – Dave Aspitarte, Dave Dykstra, Stan Olson, Donna West

Groupings and swaths:

- What criteria will be used to pick a route within a swath?
- Following existing route is preferred
- Follow process used by environmental projects – pick multiple alternatives with a preferred
- Could use the line through Emmett industrial area; extend the swath north of Emmett
- Need buyoff from local communities, p&z's etc.
- Happy with groupings, like the flexibility to move if necessary
- Include Boise Bench co-located source substation with those in the southeastern grouping
- Include options as alternatives

Show stoppers:

- Viewsheds – Lake Lowell, foothills
- No transmission lines down State Street
- Like co-locations and upgrades
- Don't run lines through Emmett or any city center, unless industrial area

Idaho Power influence:

- Committee member felt he was met with resistance when he suggested co-locating a switching station in Nampa

Double-circuited 230 kV line:

- Like this idea, but try to bundle wires to minimize visibility

Committee members will be contacted about the dates, times and locations of the May meetings.