

**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF COLORADO**

DOCKET NO. 09A-324E

---

**IN THE MATTER OF APPLICATION OF TRI-STATE GENERATION AND TRANSMISSION ASSOCIATION, INC. (A) FOR A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY FOR THE SAN LUIS VALLEY-CALUMET-COMANCHE TRANSMISSION PROJECT, (B) FOR SPECIFIC FINDINGS WITH RESPECT TO EMF AND NOISE, AND (C) FOR APPROVAL OF OWNERSHIP INTEREST TRANSFER AS NEEDED WHEN PROJECT IS COMPLETED.**

---

DOCKET NO. 09A-325E

---

**IN THE MATTER OF APPLICATION OF PUBLIC SERVICE COMPANY OF COLORADO (A) FOR A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY FOR THE SAN LUIS VALLEY TO CALUMET TO COMANCHE TRANSMISSION PROJECT, (B) FOR SPECIFIC FINDINGS WITH RESPECT TO EMF AND NOISE, AND (C) FOR APPROVAL OF OWNERSHIP INTEREST TRANSFER AS NEEDED WHEN PROJECT IS COMPLETED.**

---

**POLE CANYON TRANSMISSION, INC.'S POST-HEARING BRIEF**

---

“We are working on a tremendous energy challenge facing us today: transmission – a way to move electrons from clean energy sources to where they’re in greatest demand. In Colorado – indeed in much of the country – many of our best renewable resources are a long way from the places that require the most electricity. We need a new effort at collaboration to ensure wind power on the Eastern Plains and solar power in the San Luis Valley can travel to the load centers in the Front Range. We must work more closely together and plan with greater foresight to ensure needed transmission for utility-scale renewable projects.”

Governor Bill Ritter, Presentation to the Third Annual New Energy Economy Conference, Oct. 20, 2009 (Exhibit 70 at p. 3).

## **I. Introduction**

Consistent with the Governor’s call to action, the General Assembly has declared that it is the policy of the State of Colorado to promote the large-scale development of renewable energy resources. *See, e.g.*, C.R.S. § 40-2-124. For its part, the Colorado Public Utilities Commission has declared, “While the threat of climate change will likely mean serious economic consequences for continued carbon emissions, the problem also presents an opportunity for states like Colorado with vast solar, wind, and geothermal resources to develop and export power to areas with fewer renewable resource options. We recognize that there are a number of issues, including transmission, energy storage, and integration of intermittent resources that must be overcome; on the other hand, it is imperative that we enact policies that allow Colorado to realize its future as a leader in renewable resources.” Exhibit 60 at p. 8, ¶ 13 (emphasis added).

The transmission projects proposed by Tri-State Generation and Transmission and Public Service Company of Colorado in this proceeding are fully consistent with these clear and consistent statewide policies. If approved, the projects will allow for the wheeling of vast amounts wind power from the Eastern Plains and solar power from the San Luis Valley to the Front Range. As such, Pole Canyon Transmission fully endorses and supports the proposed projects and urges the Commission to approve the requested Certificates of Public Convenience and Necessity.

## **II. Legal Standard**

“No public utility shall begin the construction of a new facility, plant, or system or of any extension of its facility, plant, or system without first having obtained from the commission a certificate that the present or future public convenience and necessity require or will require such

construction.” C.R.S. § 40-5-101(1). In the specific context of a transmission line case, the Commission has determined that this statute is satisfied where the Commission believes that increased transmission capacity will likely be required in the future to meet new loads or system needs. *See* Exhibit 91 at p. 4, ¶ 11.

### **III. Analysis**

#### **A. There Is No Dispute Regarding The Need For 3 Of The 4 Proposed Segments Of The Project.**

“There are four major components of the San Luis Valley to Calumet to Comanche Transmission Project: (1) the San Luis - Calumet Transmission Segment; (2) the Calumet - Comanche Transmission Segment; (3) the Calumet Substation; and (4) the Calumet - Walsenburg Transmission Segment. In general, the Project involves construction of three new transmission line Segments, each from an existing substation to a new Calumet Substation, which is located north of the Walsenburg Substation.” Exhibit 2 at p. 2. With respect to the four segments, the parties contesting the CPCN have only raised objections and concerns with respect to the San Luis – Calumet segment. *See, e.g.*, Exhibit 33, Answer Testimony of James Dauphinais at p. 3, l. 8-11. Indeed, even Mr. Dauphinais agrees that the other three segments will (a) allow for the addition of 1000 MW of new wind generation into the new Calumet substation and (b) allow for the removal of the Comanche-Walsenburg 230 kv Remedial Action Scheme removing the likelihood of automatic load shedding on the Tri-State system. *Id.* at p. 6. Neither Mr. Dauphinais nor any other party identifies any alternatives to these three segments.

Rather, every party to this proceed either supports or does not contest the testimony and exhibits of Tri-State and PSCo with respect to the need for and justification for the Calumet - Comanche Transmission Segment, the Calumet Substation, and the Calumet - Walsenburg

Transmission Segment. Therefore, the Commission should approve those portions of the Applications as filed.

**B. Tri-State and PSCo Should Be Granted A CPCN For the San Luis-Calumet Segment.**

As PSCo witness Gerald Stellern explained, “The Project is consistent with our vision of creating a transmission highway for delivering cost effective and environmentally friendly energy resources to Colorado consumers. ERZs 4 and 5 have been identified as having significant potential for the development of wind and solar resources in particular. The Company has also identified the Project as a high priority project among those identified in the November 24, 2008 informational filing. Any significant development of new electric generation capacity in ERZs 4 and 5 requires the expansion of transmission capacity between southern Colorado and the Denver metro area. Thus, the Project is essential to tapping solar resources from ERZs 4 and 5 consistent with the 2007 Colorado Resource Plan.”

Pertinent to this case, in Phase I of the 2007 Resource Plan the Commission approved the “soft-targets” of 600 MW of solar power with storage to be acquired at no more than 200 MW per year. Exhibit 60 at p. 22, ¶ 63. Then in Phase II of the 2007 Resource Plan the Commission decided, “We note that concentrating solar with storage consistently provided lower [present value of revenue requirement] costs than other Section 123 resources. Further, we find that this technology fits well into the definition of Section 123 resources, as it has been implemented commercially in a large number of locations, but not at the scale proposed in the bids. Further, this technology may have great promise for the future, as it overcomes the intermittent barrier for renewable resources. It is true that the levelized costs for resources involving this technology are slightly higher than [combined cycle] gas bids, but it presents significant Section 123 benefits

including reduction of carbon emissions and dispatchability of renewable resources. We therefore approve the concentrating solar thermal with storage aspect of the portfolio preferred by Public Service, which includes bid SC04.” Exhibit 59 at p. 20-21; ¶¶ 50-51.

“Colorado’s best solar energy resources (‘highest incidence of direct normal insolation of solar energy’) are in the San Luis Valley.” Exhibit 70 at p. 61. However, based on an analysis performed by Staff witness Dominguez, the maximum amount of new generation in the Valley that could be exported during minimum load conditions by existing transmission facilities is 65 MW. *See* Exhibit 39, Cross Answer Testimony of Mr. Dominguez at p. 4, l. 4-10.

Therefore, given the Commission’s decisions in Phases I and II of the 2007 Resource Plan to greatly increase solar generation capabilities in Colorado, the fact that the San Luis Valley is the best place to locate utility-scale solar resources, and the limits of the current transmission system, the Commission must conclude in this case that new transmission capacity out of the San Luis Valley is likely to be required in the future.

Pole Canyon understands that parties such as Colorado Open Lands have raised concerns with respect to environmental impacts on conservation easements associated with one of the potential routes of the proposed San Luis – Calumet line. *See, generally*, Exhibit 27, Answer Testimony of Mr. Pike. While concerns about impacts on environmentally protected or sensitive areas certainly should be considered by the Commission, in this case they can be easily remedied by instructing Tri-State and PSCo to route the new San Luis to Calumet line so as not to cross any conservation easement. What is more, Pole Canyon would urge the Commission to apply the same considerations to the extent proposed alternative routes identified by Mr. Dauphanais must cross National Forest Service lands.

Pole Canyon also understands that Mr. Dauphanais on behalf of the Blanca and Trinchera Ranches has identified possible alternatives to the proposed San Luis to Calumet line. While Pole Canyon did not endeavor to conduct their own analysis of the relative pros and cons of these alternatives, Pole Canyon would urge the Commission to rely upon the unbiased analysis and expert testimony of Staff's witness Mr. Dominguez who considered all of the different alternatives and still concluded that the best route from a transmission planning perspective was the one proposed by Tri-State and PSCo. *See, generally*, Exhibits 37 (Answer Testimony of Mr. Dominguez) and 39.

#### **IV. Conclusion**

For all of the reasons discussed above, Pole Canyon urges the Commission to accept and approve the CPCN Applications as filed by Tri-State and PSCo. As fully described by the Tri-State and PSCo witnesses, the proposed transmission facilities will greatly expand the ability of both PSCo and Tri-State to bring wind and solar energy from the areas where those resources are the best – Eastern Colorado and the San Luis Valley – to the load centers in the Front Range. As such, there is a compelling public need and convenience for the proposed facilities.

Governor Ritter and the General Assembly have called on the Commission to be a leader in the cause of expanding the pool of cost-effective renewable resources that can be developed and constructed in Colorado. By granting these Applications the Commission would be doing just that.

Dated this 25th day of February, 2010.

Respectfully submitted,

/s Thorvald A. Nelson

---

Thorvald A. Nelson, #24715  
Holland & Hart LLP  
6380 South Fiddlers Green Circle, Suite 500  
Greenwood Village, CO 80111  
Telephone: 303-290-1600  
tnelson@hollandhart.com

Mark A. Davidson, #10364  
Michelle Brandt King, #35048  
Holland & Hart LLP  
555 17th Street, Suite 3200  
Denver, CO 80202  
Telephone: 303-295-8000  
madavidson@hollandart.com  
mbking@hollandhart.com

**ATTORNEYS FOR POLE CANYON  
TRANSMISSION, INC.**

**CERTIFICATE OF SERVICE**

**09A-324E and 09A-325E**

I hereby certify that the original and seven (7) copies of the foregoing **POLE CANYON TRANSMISSION, INC.'S POST-HEARING BRIEF** and a cd were hand-delivered this 25th day of February, 2010 to:

Doug Dean, Executive Director  
Public Utilities Commission  
1560 Broadway, Suite 250  
Denver, CO 80202

and copies were served electronically on all Parties on this service list.

Mariya Barmak  
Office of the Attorney General  
1525 Sherman St., 5th floor  
Denver, CO 80203  
[mariya.barmak@state.co.us](mailto:mariya.barmak@state.co.us)

David W. McGann  
Assistant General Counsel  
Xcel Energy Services Inc.  
1225 17th Street, Suite 900  
Denver, CO 80202-5533  
[David.w.mcgann@xcelenergy.com](mailto:David.w.mcgann@xcelenergy.com)  
*(in Word Format also)*

Paula Connelly  
Xcel Energy Services Inc.  
1225 17th Street, 9th Floor  
Denver, CO 80202-5533  
[Paula.Connelly@xcelenergy.com](mailto:Paula.Connelly@xcelenergy.com)  
*(in Word Format also)*

William Dudley  
Xcel Energy Services Inc.  
1225 17th Street, 9th Floor  
Denver, CO 80202-5533  
[bill.dudley@xcelenergy.com](mailto:bill.dudley@xcelenergy.com)  
*(in Word Format also)*

Robin Kittel  
Xcel Energy Services Inc.  
1225 17th Street, 9th Floor  
Denver, CO 80202-5533  
[robin.kittel@xcelenergy.com](mailto:robin.kittel@xcelenergy.com)  
*(in Word Format also)*

\*Thomas T. Farley  
\*James Gerler  
Petersen & Fonda, P.C.  
215 West 2nd Street  
Pueblo, CO 81003  
[tfarley@petersen-fonda.com](mailto:tfarley@petersen-fonda.com)  
[jgerler@petersen-fonda.com](mailto:jgerler@petersen-fonda.com)

\*+Lowrey Brown  
Western Resource Advocates  
2260 Baseline Road, Suite 200  
Boulder, CO 80302  
[lbrown@westernresources.org](mailto:lbrown@westernresources.org)

\*Michelle Brandt King  
Holland & Hart LLP  
555 Seventeenth Street  
Suite 3200 Denver, CO 80202-3979 Email:  
[mbking@hollandhart.com](mailto:mbking@hollandhart.com)

\*Mark Davidson  
Holland & Hart LLP  
555 Seventeenth Street, Suite 3200  
Denver, CO 80202-3979  
[madavidson@hollandhart.com](mailto:madavidson@hollandhart.com)

Inez Dominguez  
Colorado Public Utilities Staff  
1560 Broadway, Suite 250  
Denver, CO 80202  
[Inez.Dominguez@dora.state.co.us](mailto:Inez.Dominguez@dora.state.co.us)

\*James E. Guy  
701 Brazos Street, Suite 970  
Austin, Texas 78701  
[james.guy@sutherland.com](mailto:james.guy@sutherland.com)

Matt Futch  
Utilities Program Manager  
Governor's Energy Office  
1580 Logan Street, OL1  
Denver, CO 80203  
[matt.futch@state.co.us](mailto:matt.futch@state.co.us)

\*+Sarah W. Benedict  
Ireland, Stapleton, Pryor & Pascoe, P.C.  
1675 Broadway, Suite 2600  
Denver, CO 80202  
[sbenedict@irelandstapleton.com](mailto:sbenedict@irelandstapleton.com)

\*Kenneth J. Burgess  
\*Brett A. Johnson  
Deputy City Attorney - Utilities Division  
121 South Tejon Street, Fourth Floor  
P. O. Box 1103, Mail Code 0940  
Colorado Springs, CO 80903  
[kburgess@csu.org](mailto:kburgess@csu.org)  
[bajohnson@csu.org](mailto:bajohnson@csu.org)

Craig Cox  
Interwest Energy Alliance  
P. O. Box 272  
Conifer, CO 80433  
[cox@interwest.org](mailto:cox@interwest.org)

\*+Timothy J. Flanagan, Esq.  
Fowler, Schimberg & Flanagan PC  
1640 Grant Street, Suite 300  
Denver, CO 80203  
[t\\_flanagan@fsf-law.com](mailto:t_flanagan@fsf-law.com)

\*Richard P. Noland  
701 Brazos Street, Suite 970  
Austin, Texas 78701  
[richard.noland@sutherland.com](mailto:richard.noland@sutherland.com)

\*Jerry W. Goad  
Senior Assistant Attorney General  
Natural Resources and Environmental Section  
1525 Sherman Street, 7th Floor  
Denver, CO 80203  
[jerry.goad@state.co.us](mailto:jerry.goad@state.co.us)

Jeff Hein  
Colorado Public Utilities Commission  
1560 Broadway, Ste 250.  
Denver, CO 80202  
[jeff.hein@dora.state.co.us](mailto:jeff.hein@dora.state.co.us)

Jeff Lyng  
Governor's Energy Office  
1580 Logan Street, Suite 100  
Denver, CO 80203  
[Jeff.lyng@state.co.us](mailto:Jeff.lyng@state.co.us)

\*+James J. Killean  
Ireland, Stapleton, Pryor & Pascoe, P.C.  
1675 Broadway, Suite 2600  
Denver, CO 80202  
[jkillian@irelandstapleton.com](mailto:jkillian@irelandstapleton.com)

Ronald Lehr  
4950 Sanford Circle West  
Englewood, CO 80113  
[rllehr@msn.com](mailto:rllehr@msn.com)

\*+Victoria Mandell  
Western Resource Advocates  
2260 Baseline Road, Suite 200  
Boulder, CO 80302  
[vmandell@westernresources.org](mailto:vmandell@westernresources.org)

\*+Frank Shafer  
Financial Analyst  
Office of Consumer Counsel  
1560 Broadway, Suite 200  
Denver, CO 80202  
[frank.shafer@dora.state.co.us](mailto:frank.shafer@dora.state.co.us)

William M. Silberstein  
Isaacson Rosenbaum, P.C.  
1001 17th Street, Suite 1800  
Denver, CO 80202  
[bsilberstein@ir-law.com](mailto:bsilberstein@ir-law.com)

Stan Gray  
Pattern Energy  
800 NE Tenney Road, Suite 110-132  
Vancouver, Washington 98685  
[stan.gray@patternenergy.com](mailto:stan.gray@patternenergy.com)

George W. Hardie  
Pattern Energy  
5307 E. Mockingbird Lane, Suite 710  
Dallas, Texas 75206  
[George.Hardie@patternenergy.com](mailto:George.Hardie@patternenergy.com)

David Hettich  
Gary Energetics  
1560 Broadway, Suite 2100  
Denver, CO 80202  
[david@samgaryjr.com](mailto:david@samgaryjr.com)

\*+Russell W. Kemp  
Ireland, Stapleton, Pryor & Pascoe, P.C.  
1675 Broadway Street, Suite 2600  
Denver, CO 80202  
[rkemp@irelandstapleton.com](mailto:rkemp@irelandstapleton.com)

\*+Chris Irby  
Office of Attorney General  
1525 Sherman Street, 7th Floor  
Denver, CO 80203  
[chris.irby@state.co.us](mailto:chris.irby@state.co.us)

Betsy Mecom  
6916 Broad Acre Road  
Avondale, CO 81022  
[betsy@mecom.cc](mailto:betsy@mecom.cc)

\*Thorvald A. Nelson  
Holland & Hart LLP  
6380 South Fiddlers Green Circle, Suite 500  
Greenwood Village, CO 80111  
[tnelson@hollandhart.com](mailto:tnelson@hollandhart.com)

\*+Stephen W. Southwick  
First Assistant Attorney General  
Office of Consumer Counsel Unit  
Office of the Attorney General  
1525 Sherman St., 7th Floor  
Denver, CO 80203  
[stephen.southwick@state.co.us](mailto:stephen.southwick@state.co.us)

\*Thomas Dougherty  
\*Tamara F. Goodlette  
E. Martin Enriquez  
Rothgerber, Johnson & Lyons LLP  
1200 17th Street, Suite 3000  
Denver, CO 80202  
[tdougherty@rothgerber.com](mailto:tdougherty@rothgerber.com)  
[tgoodlette@rothgerber.com](mailto:tgoodlette@rothgerber.com)  
[menriquez@rothgerber.com](mailto:menriquez@rothgerber.com)

\*Charles R. Sisk  
\*Clifford Berthelot  
\*James Rosintoski  
Colorado Springs Utilities  
P. O. Box 1103, Mail Code 1821  
Colorado Springs, CO 80947-1821  
[csisk@csu.org](mailto:csisk@csu.org)  
[cberthelot@csu.org](mailto:cberthelot@csu.org)  
[jrosintoski@csu.org](mailto:jrosintoski@csu.org)

\*Kenneth V. Reif  
Tri-State Generation & Transmission  
Association, Inc.  
P. O. Box 33695  
Denver, CO 80233  
[kreif@tristategt.org](mailto:kreif@tristategt.org)

Matthew J. Douglas  
Arnold & Porter LLP  
370 Seventeenth Street, Suite 4500  
Denver, CO 80202  
[Matthew.Douglas@aporter.com](mailto:Matthew.Douglas@aporter.com)

\*+William Levis  
Director  
Office of Consumer Counsel  
1560 Broadway, Suite 200  
Denver, CO 80202  
[bill.levis@dora.state.co.us](mailto:bill.levis@dora.state.co.us)

\*Michael J. Santisi  
\*Anne Botterud  
Office of the Attorney General  
1525 Sherman Street, 5th Floor  
Denver, CO 80203  
[michael.santisi@state.co.us](mailto:michael.santisi@state.co.us)  
[anne.botterud@state.co.us](mailto:anne.botterud@state.co.us)

Melvenna Rhetta-Fair  
Business & Licensing  
Department of Law  
1525 Sherman Street, 5th Floor  
Denver, CO 80203  
[melvena.rhetta-fair@state.co.us](mailto:melvena.rhetta-fair@state.co.us)

\*\*Kent L. Singer  
1801 Broadway, Suite 1100  
Denver, CO 80202  
[kentsinger@aol.com](mailto:kentsinger@aol.com)

Timothy R. Macdonald  
Arnold & Porter LLP  
370 Seventeenth Street, Suite 4500  
Denver, CO 80202  
[Timothy.Macdonald@aporter.com](mailto:Timothy.Macdonald@aporter.com)

Holly Sterrett  
Arnold & Porter LLP  
370 Seventeenth Street, Suite 4500  
Denver, CO 80202  
[Holly.Sterrett@aporter.com](mailto:Holly.Sterrett@aporter.com)

Jacek A. Wypych  
Arnold & Porter LLP  
370 Seventeenth Street, Suite 4500  
Denver, CO 80202  
[Jacek.Wypych@aporter.com](mailto:Jacek.Wypych@aporter.com)

\*Gregory E. Sopkin  
Squire, Sanders and Dempsey L.L.P.  
1600 Stout Street, Suite 1550  
Denver, CO 80202-3160  
[gsopkin@ssd.com](mailto:gsopkin@ssd.com)

Majors Ranch Property Owners  
Association Inc. c/o  
Isaac H. Kaiser Esq.  
370 17th Street, 48th Floor  
Denver, CO 80202  
[ikaiser@bw-legal.com](mailto:ikaiser@bw-legal.com)

Derek A. Dyson  
Duncan, Weinberg, Genzer & Pembroke, P.C.  
1615 M Street, NW, Suite 800  
Washington, DC 20036-3203  
[dad@dwgp.com](mailto:dad@dwgp.com)

Seth T. Lucia  
Duncan, Weinberg, Genzer & Pembroke, P.C.  
1615 M Street, NW, Suite 800  
Washington, DC 20036-3203  
[stl@dwgp.com](mailto:stl@dwgp.com)

Thomas Barenberg  
c/o Split Rail Fence Co.  
8065 Brandon Drive  
Littleton, CO 80125  
[tbarenberg@splitrailfenceco.com](mailto:tbarenberg@splitrailfenceco.com)

Bruce G. Smith, Esq.  
Darling Milligan Smith & Lesch, PC  
1331 17<sup>th</sup> Street, Suite 800  
Denver, CO 80202  
[bsmith@dmsl-law.com](mailto:bsmith@dmsl-law.com)

Daniel Pike  
Colorado Open Lands, Inc.  
274 Union Boulevard, Suite 320  
Lakewood, CO 80228  
[dpike@coloradoopenlands.org](mailto:dpike@coloradoopenlands.org)

Anthony E. Velarde  
910 Pennsylvania Avenue  
Walsenberg, CO 81089  
[anthonyvelarde@msn.com](mailto:anthonyvelarde@msn.com)

Ron D. Velarde  
423 West Mayfield Drive  
Grand Junction, CO 81507  
[Ron.Velarde@state.co.us](mailto:Ron.Velarde@state.co.us)

Morey Wolfson  
Governor's Energy Office  
1580 Logan Street, OL1  
Denver, CO 80203  
[morey.wolfson@state.co.us](mailto:morey.wolfson@state.co.us)

\*+Cory Skluzak  
Office of Consumer Counsel  
1560 Broadway, Suite 200  
Denver, CO 80202  
[cory.skluzak@dora.state.co.usmailto:frank.shaffer@dora.state.co.us](mailto:cory.skluzak@dora.state.co.usmailto:frank.shaffer@dora.state.co.us)

\*+Dennis Senger  
Office of Consumer Counsel  
1560 Broadway, Suite 200  
Denver, CO 80202  
[dennis.senger@dora.state.co.usmailto:frank.shaffer@dora.state.co.us](mailto:dennis.senger@dora.state.co.usmailto:frank.shaffer@dora.state.co.us)

\*+Chere Mitchell  
Office of Consumer Counsel  
1560 Broadway, Suite 200  
Denver, CO 80202  
[chere.mitchell@dora.state.co.usmailto:frank.shaffer@dora.state.co.us](mailto:chere.mitchell@dora.state.co.usmailto:frank.shaffer@dora.state.co.us)

\*+Dale Hutchins  
Office of Consumer Counsel  
1560 Broadway, Suite 200  
Denver, CO 80202  
[dale.hutchins@dora.state.co.usmailto:frank.shaffer@dora.state.co.us](mailto:dale.hutchins@dora.state.co.usmailto:frank.shaffer@dora.state.co.us)

\*John Wetzel  
Planning Engineer  
Xcel Engineer  
1509 Whadbee St.  
Fort Collins, CO 80524  
[wetzel@frii.com](mailto:wetzel@frii.com)

\*+P. B. Schechter  
Office of Consumer Counsel  
1560 Broadway, Suite 200  
Denver, CO 80202  
[PB.Schechter@dora.state.co.usmailto:frank.shaffer@dora.state.co.us](mailto:PB.Schechter@dora.state.co.usmailto:frank.shaffer@dora.state.co.us)

\*+Tim Villarosa  
Office of Consumer Counsel  
1560 Broadway, Suite 200  
Denver, CO 80202  
[tim.villarosa@dora.state.co.usmailto:frank.shaffer@dora.state.co.us](mailto:tim.villarosa@dora.state.co.usmailto:frank.shaffer@dora.state.co.us)

\*+Gregory Bunker  
Office of Consumer Counsel  
1560 Broadway, Suite 200  
Denver, CO 80202  
[Gregory.bunker@dora.state.co.usmailto:frank.shaffer@dora.state.co.us](mailto:Gregory.bunker@dora.state.co.usmailto:frank.shaffer@dora.state.co.us)

\*+William Allen  
Office of Consumer Counsel  
1560 Broadway, Suite 200  
Denver, CO 80202  
[William.allen@dora.state.co.usmailto:frank.shaffer@dora.state.co.us](mailto:William.allen@dora.state.co.usmailto:frank.shaffer@dora.state.co.us)

\*Dr. Robert L. Pearson  
Vice President  
CH2MHill, Inc.  
9193 South Jamaica St.  
Englewood, CO 80112  
[robert.pearson@ch2m.com](mailto:robert.pearson@ch2m.com)

\*John Nielsen  
Energy Program Director  
Western Resource Advocates  
2260 Baseline Rd., Suite 200  
Boulder, CO 80302  
[jnielsen@westernresources.org](mailto:jnielsen@westernresources.org)

\*Gerald Stellern  
\*Danny Pearson  
\*Rick Thompson  
\*Thomas W. Green  
Xcel Energy Services, Inc.  
550 15th St., 7th Floor  
Denver, CO 80202  
[Gerry.Stellern@xcelenergy.com](mailto:Gerry.Stellern@xcelenergy.com)  
[Danny.Pearson@xcelenergy.com](mailto:Danny.Pearson@xcelenergy.com)  
[Rick.Thompson@xcelenergy.com](mailto:Rick.Thompson@xcelenergy.com)  
[Thomas.Green@xcelenergy.com](mailto:Thomas.Green@xcelenergy.com)

\*James R. Dauphinais  
Brubaker & Associates  
16690 Swingley Ridge Road, Suite 140  
Chesterfield, MO 63017  
[jdauphinais@consultbai.com](mailto:jdauphinais@consultbai.com)

\*Mark J. Murray  
\*Joel K. Bladow  
Tri-State Generation & Transmission  
1100 West 116th Avenue  
Westminster, CO 80234  
[mmurray@tristategt.org](mailto:mmurray@tristategt.org)  
[jbladow@tristategt.org](mailto:jbladow@tristategt.org)

\*Williams W. Wright  
Xcel Energy Services, Inc.  
1225 Seventeenth Street, 10th Floor  
Denver, CO 80202  
[William.w.wright@xcelenergy.com](mailto:William.w.wright@xcelenergy.com)

\*Steve Michel  
Western Resource Advocates  
227 E. Palace Avenue, Suite M  
Santa Fe, NM 87501  
[smichel@westernresources.org](mailto:smichel@westernresources.org)

\*Wayne Hunsperger  
President  
Hunsperger & Weston, Ltd.  
5889 S. Greenwood Plaza Blvd.  
Greenwood Village, CO 80111  
[wayne@hwltd.net](mailto:wayne@hwltd.net)

\*Joseph Taylor  
Xcel Energy Services, Inc.  
550 15th St., 10th Floor  
Denver, CO 80202  
[Joseph.C.Taylor@xcelenergy.com](mailto:Joseph.C.Taylor@xcelenergy.com)

John Reasoner  
Colorado Public Utilities Commission  
1580 Broadway, Suite 250  
Denver, CO 80202  
[john.reasoner@dora.state.co.us](mailto:john.reasoner@dora.state.co.us)

\*Frank McElvain  
Senior Manager, Consulting  
Siemens PTI  
1350 Shorebird Way  
Mountain View, CA 94043  
[Frank.mcelvain@siemens.com](mailto:Frank.mcelvain@siemens.com)

\*Robert Zeles  
Principle Consultant  
Siemens PTI  
7819 Shaffer Parkway, Suite 100  
Littleton, CO 80127  
[Robert.zeles@siemens.com](mailto:Robert.zeles@siemens.com)

\*Kavita Shenoi  
Consultant  
Siemens PTI  
7819 Shaffer Parkway, Suite 100  
Littleton, CO 80127  
[Kavita.shenoi@siemens.com](mailto:Kavita.shenoi@siemens.com)

\*Ravi Mulugu  
Consultant  
Siemens Energy, Inc.  
Siemens Power Technologies International  
1350 Shorebird Way  
Mountain View, CA 94043-1338  
[Ravi.mulugu@siemens.com](mailto:Ravi.mulugu@siemens.com)

**E-mail Only Service:**

Penny Anderson	<a href="mailto:penny@westernresources.org">penny@westernresources.org</a>
Dale Hutchins	<a href="mailto:dale.hutchins@state.co.us">dale.hutchins@state.co.us</a>
Steve Michel	<a href="mailto:smichel@westernresources.org">smichel@westernresources.org</a>
Chere Mitchell	<a href="mailto:chere.mitchell@dora.state.co.us">chere.mitchell@dora.state.co.us</a>
John Nielsen	<a href="mailto:jnielsen@westernresources.org">jnielsen@westernresources.org</a>
Kathleen O'Riley	<a href="mailto:koriley@hollandhart.com">koriley@hollandhart.com</a>
Judy Johnson	<a href="mailto:ja@hollandhart.com">ja@hollandhart.com</a>
Scott Wilson	<a href="mailto:scott@mecom.cc">scott@mecom.cc</a>
Laurie Merrick	<a href="mailto:lmerrick@irelandstapleton.com">lmerrick@irelandstapleton.com</a>

/s Kathleen O'Riley

**\*denotes parties eligible to receive CONFIDENTIAL proprietary information**

**+denotes parties eligible to receive HIGHLY Confidential information**

**Confidential Material will be hand delivered or sent via U.S. mail**