

## Section 1 Errata Sheet

(includes Abstract, Table of Contents, and Executive Summary, and Section 1)

1. In the Abstract of the DEIS, second paragraph, the last sentence should read:  
“The BLM and Western, **a Cooperating Agency**, have approved and reviewed...”
2. Page ii, 3.4.4 – Page number corrected from “5-63” to **3-63**.
3. “**P&T Sites – Pulling and Tensioning Sites**” added to Acronyms list.
4. Section 1, page 1-1, 2<sup>nd</sup> column, first full paragraph, last line should read: “...for this subsequent “connected” federal action.”
5. Page 1-1, 5<sup>th</sup> paragraph under Section 1.2, the second sentence changed to read as follows:  

“The plant would be constructed to operate continuously **as a base load facility**, except during semi-annual...”
6. Page 1-5, Table 1-1 – deleted “NEPA, Protection and Enhancement of Environmental Quality, Executive Order 11512” and add “**National Environmental Policy Act Revised Implementing Procedures, Executive Order 11514, as amended.**”
7. In Table 1-2 on page 1-6, under “Agency,” Departments added to the following federal agencies:  

**U.S. Department of Energy**, Western Area Power Administration  
**U.S. Department of the Interior**, U.S. Fish and Wildlife Service  
**U.S. Department of Defense**, U.S. Army Corps of Engineers
8. Section 1.3, page 1-4, last paragraph is corrected as shown below:  

*“Western’s purpose is to ensure that the applicant meets Western’s interconnection requirements and to meet the intent of ~~the requirement of~~ Federal Energy Regulatory Commission (FERC) Order No. 888 in providing ~~any necessary~~ transmission service to the project proponent consistent with...”*
9. Page 1-2, under Section 1.3 – Purpose and Need, the following supplemental information is added:

*“Factors contributing to the causes of California’s problems have not been universally agreed upon; however, there is general agreement among industry leaders of a core set of factors that contributed to the energy crisis. Those factors are summarized as follows:*

- *Investment in new power generation has not kept pace with increasing power demand. California’s generation capacity decreased 2 percent from 1990 through 1999, while retail sales increased by 11 percent. Furthermore, there has been no new generation capacity constructed in California for over a decade.*
- *To meet its demand for power, California relies on about 7 to 11 gigawatts of out-of-state generation capability, much of which is hydropower. Reduced hydropower generation has resulted from unusually low water levels in the northwestern United States.*
- *During 2000, approximately 10 gigawatts of generation capability was out of operation during some of the high demand times, which contributed to power shortages.*
- *A major high voltage transmission line (known as Path 15) became congested, thus reducing the flow of surplus electrical capacity from northern to southern California.*
- *Many independent power generators were reluctant to sell power to PG&E and SCE, due to financial difficulties of the two companies.*
- *California’s wholesale electric market rules required major utilities to purchase power through a single entity (CalPX) which precluded the ability of the utilities to enter into long-term contracts for energy. When spot market wholesale prices increased, the utilities had no option but to purchase the high-priced power.*
- *Wholesale electricity prices increased due to an increase in natural gas prices and the need to meet California’s power plant emissions requirements.*
- *Major utilities within the state paid high wholesale prices, but were unable to recover such costs because retail electricity prices were frozen.*

*Additional factors that contributed to power shortages and increased prices have included curtailments in electrical generation,*

*manipulation of pricing, and curtailment of natural gas supplies by some power and natural gas suppliers.”*

10. Page 1-5, Table 1-2, “Executive Order 13084, Consultation and Coordination with Indian Tribal Governments” was changed to “Executive Order 13175, Consultation and Coordination with Indian Tribal Governments.”
11. Page 1-5, Table 1-1, “36 USC 3001” deleted, “36 CFR 800” added.
12. Page 1-6, Table 1-2, under State of Nevada Historic Preservation Office, the second phrase under “Permit/Approval” has been corrected to read:

*“Section 106 review and concurrence; State Historic Preservation Act for Tribal and BLM lands.”*

## Section 2 Errata Sheet

1. Page 2-2, Table 2-1, text corrected to say **U.S. Department of Defense, U.S. Army Corps of Engineers.**
2. Page 2-10, 2<sup>nd</sup> column, last section title changed to: **Nevada Fish and Wildlife Office/U.S. Fish and Wildlife Service.** The first sentence of the paragraph is changed to read, "...responded in a **joint** letter dated June 27, 2002..."

## Section 3 Errata Sheet

1. Page 3-10, Section 3.3.3, second paragraph was revised as follows:

*“The potential plant site was eliminated from further consideration because ~~it is at an elevation that would reduce the efficiency of the turbine generators and because~~ construction and operations would result in high levels of visual impacts to the Goodsprings community and travelers along Sand Valley Road.”*

2. Page 3-13, right column, first full paragraph. Text at the end of the first sentence, “...or on the State of Nevada land that is within the confines of SNCC-operated rapid infiltration basins” will be deleted.

3. Page 3-14, Table - Plant Site Alternative E – the following text moved from “Other Factors” to “Visual Impacts”:

*“A portion of the interconnection transmission lines to the proposed Table Mountain Substation would be visible from Sandy Valley Road.”*

4. Page 3-29, right column, 2<sup>nd</sup> sentence, insert at the beginning of the sentence the following text:

*“Except for the facilities owned and operated by Western,”*

5. Page 3-33, Segment 140 – last sentence revised as follows:

**“Segment 140 would cross over the Boulder-Mead 69-kV and under the Pahrump-Mead 230-kV Transmission Lines...”**

6. Page 3-61, 2<sup>nd</sup> column, 1<sup>st</sup> sentence, revised to read, “...from the Ivanpah Switchyard to the Table Mountain...”

7. Page 3-64, first column, first sentence under “Transmission Interconnection,” sentence changed to read, *“The proposed substation additions would be located in the east portion of the 230-kV area.”*

8. The following text is inserted after Section 3.6:

*“The BLM would retain Ivanpah Energy Center, LP’s bond or other security for the life of the project if the decision in the Record of Decision selects the Goodsprings Plant site,*

*Alternative E. In the event the Primm Plant Site, Alternative F is selected, the bond will be released when BLM is satisfied with reclamation efforts. A bond will not be required if the No Action Alternative is selected.”*



## Section 4 Errata Sheet

1. Page 4-9, second column, first full sentence changed to read as follows:

*“As a result of that northerly flow, the Nevada portion of the basin may receive groundwater recharge from the California portion (Glancy, 1968).”*

2. Page 4-11, 1<sup>st</sup> column, 1<sup>st</sup> column, the following sentence has been deleted because groundwater pumping information can be obtained from the Nevada State Engineer’s office:

*“NDWR does not maintain records of pumpage within Ivanpah Valley (north), so the overall annual rate of groundwater usage is not known (URS, 2001).”*

The reference has been deleted from Section 7 (see Errata Sheet, Section 7).

3. Page 4-11, 1<sup>st</sup> column, following the first sentence, the following text and table were added:

The following table identifies the manner of use for permitted water users within the Ivanpah North Basin (#164A) by acre-feet per year.

Manner of Use	afy
Commercial	13.66
Domestic	15.93
Industrial	150.00
Mining	397.73
Quasi-municipal	1,320.39
Livestock	10.48
<b>Total</b>	<b>2,008.18</b>

Nevada Division of Water Resources Water Rights Database, 2003

4. Page 4-30, 2<sup>nd</sup> column, last paragraph, last sentence, “period” capitalized - “Paleoindian Period.”
5. Page 4-32, 1<sup>st</sup> column, 1<sup>st</sup> paragraph, 7<sup>th</sup> line, comma inserted following “Las Vegas Wash.”
6. Page 4-32, 2<sup>nd</sup> paragraph, last sentence revised as follows:

*“In the Great Basin area, the Archaic subsistence strategy was characterized by hunting, trapping and snaring of birds, insects, deer, antelope, mountain sheep, rabbits, and other small animals; as well as ~~the~~ collecting of grasses, seed, bulbs, nuts, roots, berries, and other plants.”*

7. Page 4-34, 1<sup>st</sup> column, first sentence revised to read, “Over **parts** of the Great Basin...;” third sentence revised to read, “...**Virgin rivers;**” 2<sup>nd</sup> paragraph, 3<sup>rd</sup> sentence revised to read, “...in the lower Colorado River drainage, **and** the Sonoran Desert, Mojave Desert,...;” 3<sup>rd</sup> paragraph, 4<sup>th</sup> sentence, replaced “repre-senting” with “**representing.**”
8. Page 4-42, Report Title under Report 5-1325(N) “Environ-mental” replaced with “**Environmental**” and “Archaeo-logical” changed to “**Archaeological.**”

## Section 5 Errata Sheet

1. Page 5-9, first column under “Generic Mitigation,” insert “**Western,**” following BLM in the first sentence.
2. Page 5-11, Table 5-3, Item #10 “Hazardous materials will not be drained into the ground or into arroyos or drainages...” was deleted from the text.
3. Page 5-12, Item #19, insert “Western,” after BLM on the last line. Footnote added to the Transmission Lines column that reads:

*“Regarding interconnection construction, Western would require the construction contractor to abide by all local requirements and in accordance with Western’s standard construction specifications.”*

4. Page 5-12, Item #22, “**When practicable**” removed from text.
5. Page 5-17, 1<sup>st</sup> column, 1<sup>st</sup> paragraph, the following text was inserted at the end of the last sentence:

*“or as in the case with the propose interconnection at Mead, would involve construction within a previously developed facility area.”*

6. Page 5-21, 1<sup>st</sup> paragraph under “Transmission Lines,” the text “**or the Mead interconnection...**” was inserted after “options” in the last sentence.
8. Page 5-23, first paragraph, last sentence should read, “The amount of water that would be used **from** the well...”
8. Page 5-23, 2<sup>nd</sup> column, 2<sup>nd</sup> full paragraph, 2<sup>nd</sup> to the last sentence, has been re-written as follows:

*“Other users in the Ivanpah Valley North Basin total 2,008.18 afy, which represents approximately 91 percent of the annual recharge rate (NDWR, 2003).”*

9. Page 5-24, 2<sup>nd</sup> column, the following sentence was added to the end of the first paragraph:

*“Water required for construction at Mead Substation could come from existing Mead water supply, resulting in negligible impacts to groundwater.”*

10. Page 5-43, 1<sup>st</sup> column, the following sentence added to the last paragraph of the section:

*“Weed control at Mead would be accomplished in accordance with Western’s vegetation management guidelines to prevent the spread of noxious weeds.”*

11. Page 5-45, left column, first paragraph, third line from the bottom of the page should read, “..received, variances and **waivers** for height...”

12. Page 5-50, 2<sup>nd</sup> column, at the end of the last paragraph, that following sentence was added:

*“The interconnection at Mead would not change current land use and disturbance would be limited to the existing developed facility area.”*

13. Page 5-54, 2<sup>nd</sup> column, last paragraph, first sentence, inserted “**or Mead Substation**” after “...Energy Center.” At the end of the last sentence, same paragraph, inserted “, **or the Mead interconnection.**”

14. Page 5-57, 2<sup>nd</sup> column, last paragraph, inserted “**or the Mead Substation interconnection...**” after “transmission line access options.”

15. Page 5-60, 2<sup>nd</sup> column, last paragraph, added the following new sentence:

*“The Mead interconnect would not affect transportation.”*

16. Page 5-66, 2<sup>nd</sup> column, first sentence, after “construction,” deleted “is” and inserted “**and the Mead interconnection are...**”

17. Page 5-76, section titles in the 1<sup>st</sup> column and 2<sup>nd</sup> column were renamed, “**Transmission Line Interconnection at Table Mountain Substation**,” replacing “Transmission Line Interconnection.”

18. Page 5-78, a new section was added above the “Transmission Line Plant Access Options” section in the 2<sup>nd</sup> column. The section reads:

***Transmission Line Interconnection at Mead Substation***

*“The structures used for the interconnection at Mead Substation are anticipated to be the same as the existing structures creating no change in the visual contrast at the site.”*

19. Page 5-80, Footnote <sup>1</sup> added to Summary table under mitigation measures for transmission lines that reads, *“Western will apply standard construction practices to control air emissions at interconnection construction sites.”*

20. Page 5-81, 2<sup>nd</sup> column, the following text is added after the sentence that ends with “...517 MW.”

*“During periods when a single gas turbine is online, natural gas-fired supplemental duct burners may be used to ensure a combined-cycle capacity of up to 260 MW to meet minimum contractual obligations. The duct burners will not operate when both gas turbines are online.”*

21. Page 5-94, Table 5-14 and 5-15. Footnote “b” should be added to rows labeled CTG No. 1 and CTG No. 2. Text for footnote “b” follows:

*<sup>b</sup> Emissions include the potential effects of supplemental duct burning for single turbine operation of either CTG.*

22. Page 5-98, Under “Transmission Lines” the following new paragraph was inserted after the 1<sup>st</sup> paragraph:

*“Construction of the Mead interconnection would follow Western’s standard construction practices, which includes specifications for controlling dust and meeting local permitting requirements. Disturbed areas within the substation would be covered with gravel to control dust. This measure would reduce air emissions to a negligible amount.”*

23. Page 5-104, the following new sentence inserted following the paragraph at the top of the 1<sup>st</sup> column:

*“Noise generated from the construction of the Mead interconnection would be short-term and result in negligible impacts in the vicinity of the interconnection site.”*

24. The following sentences were inserted to Section 5.2.

**Page 5-114, 1<sup>st</sup> column, following the 1<sup>st</sup> paragraph**

*“Impacts to geological resources resulting from the interconnection construction at Mead substation would be the same as discussed for the Proposed Goodsprings Plant Site.”*

**Page 5-118, 2<sup>nd</sup> column, following the 1<sup>st</sup> paragraph**  
*“Impacts to mining resulting from the interconnection construction at Mead Substation would be the same as discussed for the Proposed Goodsprings Plant Site.”*

**Page 5-121, 2<sup>nd</sup> column, following last sentence of paragraph under “Transmission Lines”**  
*“Impacts to groundwater resulting from the interconnection construction at Mead Substation would be the same as discussed for the Proposed Goodsprings Plant Site.”*

**Page 5-126, 2<sup>nd</sup> column, following last sentence of paragraph under “Transmission Lines”**  
*“Impacts to biological resources resulting from the interconnection construction at Mead Substation would be the same as discussed for the Proposed Goodsprings Plant Site.”*

**Page 5-137, 2<sup>nd</sup> column, following last sentence of 2<sup>nd</sup> paragraph**  
*“Impacts to land use resulting from the interconnection construction at Mead Substation would be the same as discussed for the Proposed Goodsprings Plant Site.”*

**Page 5-139, 2<sup>nd</sup> column, following the last paragraph**  
*“Impacts to rangeland management resulting from the interconnection construction at Mead Substation would be the same as discussed for the Proposed Goodsprings Plant Site.”*

**Page 5-142, 2<sup>nd</sup> column, following the last paragraph**  
*“Impacts to recreation resources resulting from the interconnection construction at Mead Substation would be the same as discussed for the Proposed Goodsprings Plant Site.”*

**Page 5-145, 2<sup>nd</sup> column, top of page, following the last paragraph**  
*“Impacts to transportation resulting from the interconnection construction at Mead Substation would be the same as discussed for the Proposed Goodsprings Plant Site.”*

**Page 5-155, 2<sup>nd</sup> column, following the last paragraph**  
*“Impacts to visual resources resulting from the interconnection construction at Mead Substation would be the same as discussed for the Proposed Goodsprings Plant Site.”*

**Page 5-157, 2<sup>nd</sup> column, following the last paragraph**  
*“Impacts to air quality resulting from the interconnection construction at Mead Substation would be the same as discussed for the Proposed Goodsprings Plant Site.”*

**Page 5-159, 2<sup>nd</sup> column under “Transmission Lines,” following the paragraph**  
*“Noise impacts resulting from the interconnection construction at Mead Substation would be the same as discussed for the Proposed Goodsprings Plant Site.”*

**Page 5-164, 2<sup>nd</sup> column, following the first paragraph**  
*“Socioeconomic impacts resulting from the interconnection construction at Mead Substation would be the same as discussed for the Proposed Goodsprings Plant Site.”*

25. Page 5-120, second column, the 2nd full paragraph, last sentence has been re-written as follows:

*“Other users in the Ivanpah Valley North Basin total 2,008.18 afy, which represents approximately 91 percent of the annual recharge rate (NDWR, 2003).”*

26. Page 5-153, section titles in the 1<sup>st</sup> column and 2<sup>nd</sup> column were renamed, **“Transmission Line Interconnection at Table Mountain Substation.”**, replacing **“Transmission Line Interconnection.”**

## Section 6 Errata Sheet

1. Page 6-4, Subtitle in 2<sup>nd</sup> column revised from “Cultural and Paleontology” to “**Cultural and Paleontological Resources.**”
2. Page 6-9, the following text was added to the end of the first paragraph under Noise:  

*“Depending on the construction schedule for the housing development at Primm, similar impacts could be expected for the Primm site alternative.”*
3. Page 6-15, 2<sup>nd</sup> column, 1<sup>st</sup> sentence revised to read, “...northern and southern access roads to the **Goodsprings Plant Site**, land surrounding the plant site, and...”



## Section 7 Errata Sheet

1. Additional references to Section 7:

Myrick, David, 1992. *Railroads of Nevada and Eastern California: Volume II, The Southern Roads*. (Reprint) University of Nevada Press, Reno.

Signor, John R., 1988. *The Los Angeles and Salt Lake Railroad Company, Union Pacific's Historic Salt Lake Route*. Golden West Books, San Marino.

2. The following reference has been deleted from the DEIS.

URS Corporation, 2001. *Reliant Bighorn Environmental Assessment*.

3. Additional reference to Section 7:

Nevada Division of Water Resource Water Rights Database, *Hydrographic Basin Summary – By Manner of Use for Groundwater Sources*. April 2003.

4. Additional reference to Section 7.

NERC, 2001. *Reliability Assessment 2001-2010. The Reliability of Bulk Electric Systems in North America*, October 16, 2001.

## Section 8 Errata Sheet

1. Page 8-1, Under “List of Preparers – Western,” the following was added to the list:

*“David Vader, Community Planner/Native American Liaison”*



