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**APPENDIX E:**  
**UPDATE TO LAND USE PLAN AMENDMENTS**

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APPENDIX E: UPDATE TO LAND USE PLAN AMENDMENTS..... E-1

**TABLE**

E-1 Proposed Land Use Plans To Be Amended under BLM’s Modified Action  
Alternatives and Proposed Acreage Available for Application for Solar Energy  
Development by Planning Area ..... E-2

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**APPENDIX E:**

**UPDATE TO LAND USE PLAN AMENDMENTS**

Analyses conducted for the Solar Programmatic Environmental Impact Statement (PEIS) will support the amendment of U.S. Department of the Interior Bureau of Land Management (BLM) land use plans in the six-state study area. In response to comments received on the Draft Solar PEIS, the BLM has modified its proposed action alternatives (see Section 2.2 of this Supplement). Consequently, the proposed land use plan amendments (previously presented in Appendix C of the Draft Solar PEIS) also will change.

Under the BLM’s modified action alternatives presented in Section 2.2 of this Supplement, the BLM anticipates making the following land use plan decisions that will establish the foundation for a comprehensive Solar Energy Program:

1. Land use plan amendments that identify exclusion areas for utility-scale solar energy development in the six-state study area;
2. Land use plan amendments that identify priority areas for solar energy development that are best suited for utility-scale production of solar energy (i.e., solar energy zones [SEZs]);
3. Land use plan amendments that identify variance areas for utility-scale solar energy development in the six-state study area; and
4. Land use plan amendments that establish design features (i.e., mitigation requirements) for solar energy development on public lands to ensure the most environmentally responsible development and delivery of solar energy (some may be SEZ-specific, as necessary).

Table E-1 lists all of the land use plans in the six-state study area to be amended. Table E-1 also includes the acres proposed to be available in SEZs and variance areas for individual planning areas.

As discussed in the Draft Solar PEIS, land use plans that are undergoing revision or amendment concurrent with the Solar PEIS will be reviewed to identify and resolve inconsistencies between the PEIS and individual planning efforts.

**TABLE E-1 Proposed Land Use Plans To Be Amended under BLM’s Modified Action Alternatives and Proposed Acreage Available for Application for Solar Energy Development by Planning Area<sup>a</sup>**

| Plan/BLM Office                                                      | Modified Program Alternative – Approximate Proposed Acreage in Variance Areas <sup>b</sup> | Modified SEZ Alternative – Proposed Developable Acreage in SEZs |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <i>Arizona<sup>c</sup></i>                                           |                                                                                            |                                                                 |
| Agua Fria NM Plan, Hassayampa Field Office                           | All lands would be excluded.                                                               | None                                                            |
| Arizona Strip RMP, Arizona Strip Field Office                        | 739,340 acres                                                                              | None                                                            |
| Bradshaw–Harquahala RMP, Hassayampa Field Office                     | 185,930 acres                                                                              | None                                                            |
| Grand Canyon–Parashant NM Plan, Arizona Strip Field Office           | All lands would be excluded.                                                               | None                                                            |
| Gila Box Riparian NCA Plan, Safford Field Office                     | 11 acres                                                                                   | None                                                            |
| Goldwater Range RMP, Lower Sonoran Field Office                      | 71 acres                                                                                   | None                                                            |
| Kingman R.A. RMP, Kingman Field Office                               | 662,508 acres                                                                              | None                                                            |
| Lake Havasu RMP, Lake Havasu Field Office                            | 506,076 acres                                                                              | Brenda SEZ (3,847 acres)                                        |
| Las Cienegas NCA Plan, Tucson Field Office                           | All lands would be excluded.                                                               | None                                                            |
| Lower Gila North and South RMP Amendment, Lower Sonoran Field Office | 295,867 acres                                                                              | Gillespie SEZ (2,618 acres)                                     |
| Phoenix R.A. RMP, Lower Sonoran, Safford, and Tucson Field Offices   | 249,572 acres                                                                              | None                                                            |
| Safford RMP, Safford, and Tucson Field Offices                       | 613,467 acres                                                                              | None                                                            |
| San Pedro Riparian NCA Plan, Tucson Field Office                     | 143 acres                                                                                  | None                                                            |

**TABLE E-1 (Cont.)**

| Plan/BLM Office                                                                                                                           | Modified Program Alternative – Approximate Proposed Acreage in Variance Areas <sup>b</sup> | Modified SEZ Alternative – Proposed Developable Acreage in SEZs       |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| <i>Arizona (Cont.)</i>                                                                                                                    |                                                                                            |                                                                       |
| Vermilion Cliffs NM Plan, Arizona Strip Field Office                                                                                      | All lands would be excluded.                                                               | None                                                                  |
| Yuma RMP, Yuma Field Office                                                                                                               | 144,015 acres                                                                              | None                                                                  |
| <i>California<sup>c</sup></i>                                                                                                             |                                                                                            |                                                                       |
| Alturas RMP, Alturas Field Office                                                                                                         | All lands would be excluded.                                                               | None                                                                  |
| Arcata RMP, Arcata Field Office                                                                                                           | All lands would be excluded.                                                               | None                                                                  |
| Bishop RMP, Bishop Field Office                                                                                                           | 31,581 acres                                                                               | None                                                                  |
| Caliente RMP, Bakersfield Field Office                                                                                                    | 1,506 acres                                                                                | None                                                                  |
| California Coastal NM Plan, California State Office                                                                                       | All lands would be excluded.                                                               | None                                                                  |
| California Desert Conservation Area RMP, Barstow, El Centro, Needles, Palm Springs–South Coast, and Ridgecrest Field Offices <sup>d</sup> | 1,318,894 acres                                                                            | Imperial East SEZ (5,717 acres)<br>Riverside East SEZ (147,910 acres) |
| Carrizo Plain NM Plan, Bakersfield Field Office                                                                                           | All lands would be excluded.                                                               | None                                                                  |
| Eagle Lake RMP, Eagle Lake Field Office                                                                                                   | 11 acres                                                                                   | None                                                                  |
| Eastern San Diego RMP, El Centro Field Office                                                                                             | 293 acres                                                                                  | None                                                                  |
| Headwaters Forest Reserve Plan, Arcata Field Office                                                                                       | All lands would be excluded.                                                               | None                                                                  |
| Hollister RMP, Hollister Field Office                                                                                                     | All lands would be excluded.                                                               | None                                                                  |
| King Range NCA Plan, Arcata Field Office                                                                                                  | All lands would be excluded.                                                               | None                                                                  |

**TABLE E-1 (Cont.)**

| Plan/BLM Office                                                                     | Modified Program Alternative – Approximate Proposed Acreage in Variance Areas <sup>b</sup> | Modified SEZ Alternative – Proposed Developable Acreage in SEZs |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <b>California<sup>c</sup> (Cont.)</b>                                               |                                                                                            |                                                                 |
| Piedras Blancas Historic Light Station ONA Plan, Bakersfield Field Office           | All lands would be excluded.                                                               | None                                                            |
| Redding RMP, Redding Field Office                                                   | All lands would be excluded.                                                               | None                                                            |
| Santa Rosa and San Jacinto Mountains NM Plan, Palm Springs–South Coast Field Office | All lands would be excluded.                                                               | None                                                            |
| South Coast RMP, Palm Springs–South Coast Field Office                              | 2,273 acres                                                                                | None                                                            |
| Surprise RMP, Surprise Field Office                                                 | All lands would be excluded.                                                               | None                                                            |
| Ukiah RMP, Ukiah Field Office                                                       | All lands would be excluded.                                                               | None                                                            |
| <b>Colorado<sup>c</sup></b>                                                         |                                                                                            |                                                                 |
| Canyon of the Ancients NM Plan, Canyon of the Ancients NM                           | All lands would be excluded.                                                               | None                                                            |
| Glenwood Springs RMP, Glenwood Springs Field Office                                 | All lands would be excluded.                                                               | None                                                            |
| Grand Junction RMP, Grand Junction Field Office                                     | All lands would be excluded.                                                               | None                                                            |
| Gunnison RMP, Gunnison Field Office                                                 | 3,162 acres                                                                                | None                                                            |
| Gunnison Gorge NCA Plan, Gunnison Field Office                                      | All lands would be excluded.                                                               | None                                                            |
| Kremmling RMP, Kremmling Field Office                                               | All lands would be excluded.                                                               | None                                                            |
| Little Snake RMP, Little Snake Field Office                                         | All lands would be excluded.                                                               | None                                                            |
| McInnis Canyons NCA Plan, Grand Junction Field Office                               | All lands would be excluded.                                                               | None                                                            |



**TABLE E-1 (Cont.)**

| Plan/BLM Office                                                                                     | Modified Program Alternative – Approximate Proposed Acreage in Variance Areas <sup>b</sup> | Modified SEZ Alternative – Proposed Developable Acreage in SEZs                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Colorado<sup>c</sup> (Cont.)</b>                                                                 |                                                                                            |                                                                                                                                                                                                                                                             |
| Royal Gorge/Northeast RMP, Royal Gorge Field Office                                                 | 29,477 acres                                                                               | None                                                                                                                                                                                                                                                        |
| San Juan Public Lands Center RMP, Columbine, Dolores, Pagosa Springs, and Uncompahgre Field Offices | 16,535 acres                                                                               | None                                                                                                                                                                                                                                                        |
| San Luis Valley Public Lands Center RMP, Del Norte, La Jara, and Saguache Field Offices             | 61,885 acres                                                                               | Antonito Southeast SEZ (9,712 acres)<br>La Jara Field Office<br><br>De Tilla Gulch SEZ (1,064 acres)<br>Saguache Field Office<br><br>Fourmile East SEZ (2,882 acres) La Jara Field Office<br><br>Los Mogotes East SEZ (2,650 acres)<br>La Jara Field Office |
| Uncompahgre RMP, Uncompahgre Field Office                                                           | All lands would be excluded.                                                               | None                                                                                                                                                                                                                                                        |
| White River RMP, White River Field Office                                                           | All lands would be excluded.                                                               | None                                                                                                                                                                                                                                                        |
| <b>Nevada<sup>c</sup></b>                                                                           |                                                                                            |                                                                                                                                                                                                                                                             |
| Black Rock Desert—High Rock Canyon Emigrant Trails NCA Plan Winnemucca District Office              | All lands would be excluded.                                                               | None                                                                                                                                                                                                                                                        |
| Carson City Consolidated RMP, Carson City District                                                  | 918,161 acres                                                                              | None                                                                                                                                                                                                                                                        |
| U.S. Department of Energy Plan, Southern Nevada District Office <sup>e</sup>                        | All lands would be excluded.                                                               | None                                                                                                                                                                                                                                                        |

**TABLE E-1 (Cont.)**

| Plan/BLM Office                                                                | Modified Program Alternative – Approximate<br>Proposed Acreage in Variance Areas <sup>b</sup> | Modified SEZ Alternative –<br>Proposed Developable Acreage in SEZs     |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| <i>Nevada<sup>c</sup> (Cont.)</i>                                              |                                                                                               |                                                                        |
| Elko RMP, Elko District Office                                                 | All lands would be excluded.                                                                  | None                                                                   |
| Ely RMP, Ely District Office                                                   | 3,344,963 acres                                                                               | Dry Lake Valley North SEZ<br>(25,069 acres)                            |
| Las Vegas RMP, Southern Nevada District Office                                 | 1,004,660 acres                                                                               | Amargosa Valley SEZ<br>(8,479 acres)<br><br>Dry Lake SEZ (5,717 acres) |
| Nellis Non-renewal Area Plan, Southern Nevada District Office <sup>e</sup>     | All lands would be excluded.                                                                  | None                                                                   |
| Nellis Test & Training Range RMP, Southern Nevada District Office <sup>e</sup> | All lands would be excluded.                                                                  | None                                                                   |
| Paradise-Denio RMP, Winnemucca District Office                                 | All lands would be excluded.                                                                  | None                                                                   |
| Red Rock Canyon NCA Plan, Southern Nevada District Office                      | 183 acres                                                                                     | None                                                                   |
| Shoshone–Eureka RMP, Battle Mountain District Office                           | 663,198 acres                                                                                 | None                                                                   |
| Sloan Canyon NCA Plan, Southern Nevada District Office                         | 17 acres                                                                                      | None                                                                   |
| Sonoma–Gerlach RMP, Winnemucca District Office                                 | 85,771 acres                                                                                  | None                                                                   |
| Tonopah RMP, Battle Mountain District Office                                   | 3,190,335 acres                                                                               | Gold Point SEZ (4,596 acres)<br><br>Millers SEZ (16,534 acres)         |

**TABLE E-1 (Cont.)**

| Plan/BLM Office                                          | Modified Program Alternative – Approximate Proposed Acreage in Variance Areas <sup>b</sup> | Modified SEZ Alternative – Proposed Developable Acreage in SEZs |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <i>Nevada<sup>c</sup> (Cont.)</i>                        |                                                                                            |                                                                 |
| Wells RMP, Elko District Office                          | All lands would be excluded.                                                               | None                                                            |
| <i>New Mexico<sup>c</sup></i>                            |                                                                                            |                                                                 |
| Carlsbad RMP, Carlsbad Field Office                      | 271,504 acres                                                                              | None                                                            |
| El Malpais NCA Plan, Rio Puerco Field Office             | 64 acres                                                                                   | None                                                            |
| Farmington RMP, Farmington Field Office                  | 411,883 acres                                                                              | None                                                            |
| Kasha-Katuwe Tent Rocks NM Plan, Rio Puerco Field Office | All lands would be excluded.                                                               | None                                                            |
| McGregor Range RMP, Las Cruces District Office           | All lands would be excluded.                                                               | None                                                            |
| Mimbres RMP, Las Cruces District Office                  | 1,422,603 acres                                                                            | Afton SEZ (29,964 acres)                                        |
| Rio Grande Corridor                                      | 34 acres                                                                                   | None                                                            |
| Rio Puerco RMP, Rio Puerco Field Office                  | 320,387 acres                                                                              | None                                                            |
| Roswell RMP, Roswell Field Office                        | 759,743 acres                                                                              | None                                                            |
| Socorro RMP, Socorro Field Office                        | 656,335 acres                                                                              | None                                                            |
| Taos RMP, Taos Field Office                              | 24,191 acres                                                                               | None                                                            |
| White Sands RMP, Las Cruces District Office              | 425,535 acres                                                                              | None                                                            |

**TABLE E-1 (Cont.)**

| Plan/BLM Office                                                 | Modified Program Alternative – Approximate Proposed Acreage in Variance Areas <sup>b</sup> | Modified SEZ Alternative – Proposed Developable Acreage in SEZs             |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <i>Utah<sup>c</sup></i>                                         |                                                                                            |                                                                             |
| Box Elder RMP, Salt Lake City Field Office <sup>f</sup>         | All lands would be excluded.                                                               | None                                                                        |
| Cedar-Beaver-Garfield-Antimony RMP, Cedar City Field Office     | 180,801 acres                                                                              | Escalante Valley SEZ (6,533 acres)<br>Milford Flats South SEZ (6,252 acres) |
| Grand Staircase–Escalante NM Plan, Grand Staircase–Escalante NM | 8 acres                                                                                    | None                                                                        |
| House Range RMP, Fillmore Field Office <sup>f</sup>             | 213,111 acres<br>(all inside the UTTR)                                                     | None                                                                        |
| Kanab RMP, Kanab Field Office                                   | 18,633 acres                                                                               | None                                                                        |
| Moab RMP, Moab Field Office                                     | 1,320 acres                                                                                | None                                                                        |
| Monticello RMP, Monticello Field Office                         | 123,712 acres                                                                              | None                                                                        |
| Park City MFP, Salt Lake City Field Office                      | All lands would be excluded.                                                               | None                                                                        |
| Pinyon MFP, Cedar City Field Office <sup>f</sup>                | 476,312 acres<br>(469,187 acres outside the UTTR)<br>(7,125 acres inside the UTTR)         | Wah Wah Valley SEZ (5,873 acres)                                            |
| Pony Express RMP, Salt Lake City Field Office <sup>f</sup>      | All lands would be excluded.                                                               | None                                                                        |
| Price RMP, Price Field Office                                   | 26 acres                                                                                   | None                                                                        |
| Randolf MFP, Salt Lake City Field Office                        | All lands would be excluded.                                                               | None                                                                        |

**TABLE E-1 (Cont.)**

| Plan/BLM Office                                      | Modified Program Alternative – Approximate Proposed Acreage in Variance Areas <sup>b</sup> | Modified SEZ Alternative – Proposed Developable Acreage in SEZs |
|------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <i>Utah<sup>c</sup> (Cont.)</i>                      |                                                                                            |                                                                 |
| Richfield RMP, Richfield Field Office                | 134,372 acres                                                                              | None                                                            |
| St. George RMP, St. George Field Office              | 9,402 acres                                                                                | None                                                            |
| Vernal RMP, Vernal Field Office                      | All lands would be excluded.                                                               | None                                                            |
| Warm Springs RMP, Fillmore Field Office <sup>f</sup> | 804,974 acres<br>(200,372 acres outside the UTTR)<br>(604,603 acres inside the UTTR)       | None                                                            |

Abbreviations: MFP = Management Framework Plan; NCA = National Conservation Area; NM = National Monument; ONA = Outstanding Natural Area; RMP = Resource Management Plan; SEZ = solar energy zone; UTTR = Utah Test and Training Range.

- <sup>a</sup> Land use plan amendments for the modified program alternative would include the identification of SEZs and the identification of variance areas; all remaining lands would be identified as exclusion areas. Note that acreage in some plan areas has increased from that presented in the Draft Solar PEIS because areas less than 247 acres (1 km<sup>2</sup>) have been added. Land use plan amendments for the modified SEZ alternative would include the identification of SEZs; all remaining lands would be identified as exclusion areas. Totals may be off due to rounding. This table lists plans as of August 2010; the list of plans and acres affected will be updated for the Final Solar PEIS.
- <sup>b</sup> These acreage estimates include the acreage in the proposed SEZs. The estimates were calculated on the basis of the best available geographic information system (GIS) data. GIS data were not available for the entire set of exclusions; thus the exact acreage could not be calculated. Exclusion areas that could not be mapped because of the lack of data would be identified during pre-application consultations with local BLM staff or site-specific evaluation of individual ROW applications.
- <sup>c</sup> For state totals, refer to Table 2.3-1 of this Supplement. Minor inconsistencies with GIS data for land use plan boundaries will be resolved for the Final Solar PEIS.
- <sup>d</sup> Currently, the California Desert Conservation Area (CDCA) RMP requires a plan amendment for individual energy projects; the amendment to this plan pursuant to the Solar PEIS Record of Decision (ROD) would remove this requirement for individual plan amendments for utility-scale solar energy projects in SEZs. The requirement would remain for projects proposed in variance areas.

**Footnotes continued on next page.**

**TABLE E-1 (Cont.)**

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- e Public lands in these planning areas in Nevada have been temporarily withdrawn for use by another federal agency.
- f Section 2815(d) of the National Defense Authorization Act (NDAA) for fiscal year 2000 (P.L. 106-65) placed a moratorium on planning efforts on BLM-administered lands ~~adjacent to~~, or near the Utah Test and Training Range (UTTR) and Dugway Proving Grounds or beneath Military Operating Areas, Restricted Areas, and airspace that make up the UTTR,” NDAA § 2815(a), 113 Stat. 512, 852 (1999). This area encompasses a portion of the lands within the boundaries of the Box Elder, Pony Express, House Range, Warm Springs, and Pinyon land use plans. Within these areas, decisions related to whether lands would be available for ROW application, and adoption of the policies and design features of the PEIS, cannot be implemented via land use plan amendments at this time. Solar energy development ROW applications would be deferred until such time plan amendments or new land use plan(s) address solar energy development. No SEZs are located within the UTTR affected areas.