

**Bureau of
Land Management**

BLM Nevada Update Joint Military Affairs Committee

August 11, 2016



BLM Nevada Update

Joint Military Affairs Committee

BLM Background

- Mission: Sustain the health, diversity, and productivity of the public lands for the use and enjoyment of present and future generations
- The multiple-use mission was established by the Federal Land Policy and Management Act of 1976
- BLM administers 245M surface, 700M sub-surface acres; in NV, 47.5M, 58.7M acres respectively



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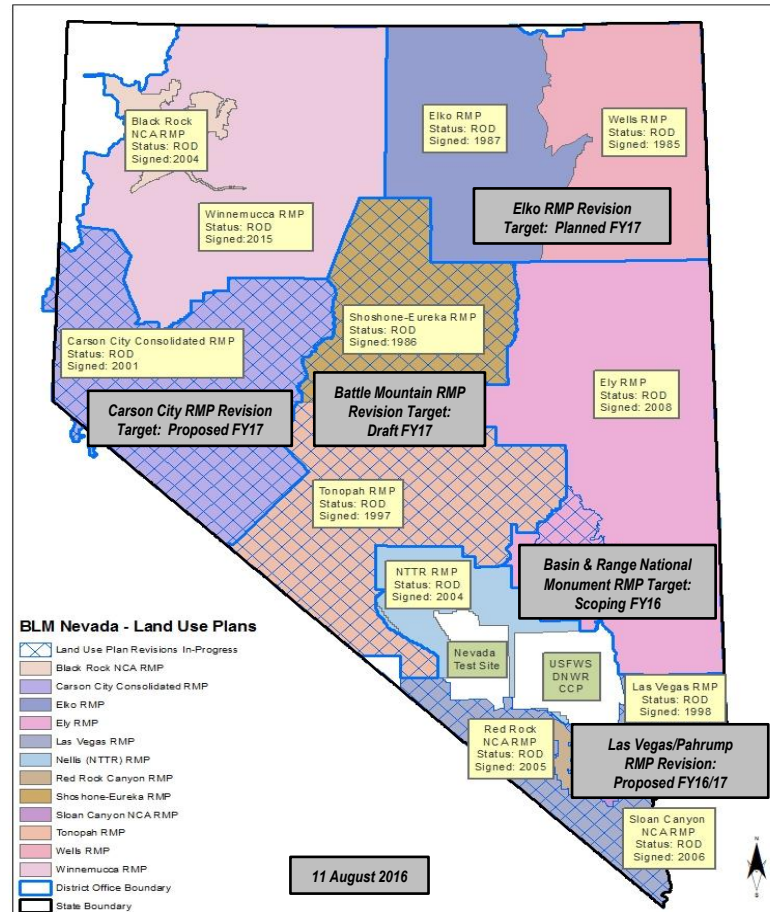
Resource Management Plans (RMP)

- 15-20 year plans that outline uses and restrictions
- Similar to city/county land use and zoning plans
- Management grouped into three major categories:
 - Resources: Air, Soil, Water, WH&B, Cultural ...
 - Resource Uses: Minerals, Grazing, Lands, Recreation ...
 - Special Designations: ACEC's, Wilderness, WSA's ...



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NV RMP Statuses





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Planning 2.0 Initiative

- Update to 1981 process for RMPs and Amendments
- Landscape-level; spans areas larger than BLM Districts
- Reaffirms 1976 FLPMA Policy and provides expanded definitions of multiple use and sustained yield
- Process began 2014; 6,000+ comments received
- Final Rulemaking estimated by December 2016

www.blm.gov/plan2

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Planning 2.0 Initiative (Cont'd)

- Highlights of proposed rule include:
 - Provides for earlier public involvement
 - Broader outreach prior to formal Scoping
 - Up-front planning assessment prior to Draft Plan
 - Includes baseline resources and conditions, best available science and geo-spatial data
 - Provides detailed information on valid protests
 - Includes electronic methods to file protests



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Renewable Energy

- RMPs define areas where renewable uses may occur
 - Wind–Exclusion, Avoidance, Open
 - Solar–Exclusion, Variance, Solar Energy Zones
 - Geothermal–Closed, Open-No Surface Occupancy, Open-Controlled Surface Occupancy, Open
- Projects not in conformance require RMP Amendments
- Continue close BLM/DOD coordination to minimize adverse impacts from some siting locations

NV POC: Greg Helseth, ghelseth@blm.gov





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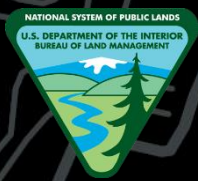
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Considerations for Withdrawals*

- Wildland fire: prevention, response, safety, payment
- Land use constraints: meet purpose of withdrawal
- WH&B: care & feeding, counts, gathers
- Future use: appropriate for public land status

*See FLMPA and BLM Instruction Manual 2001-030 Military Activities





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**Questions?
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Date



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BACKUP SLIDES

Date

368 energy Corridors

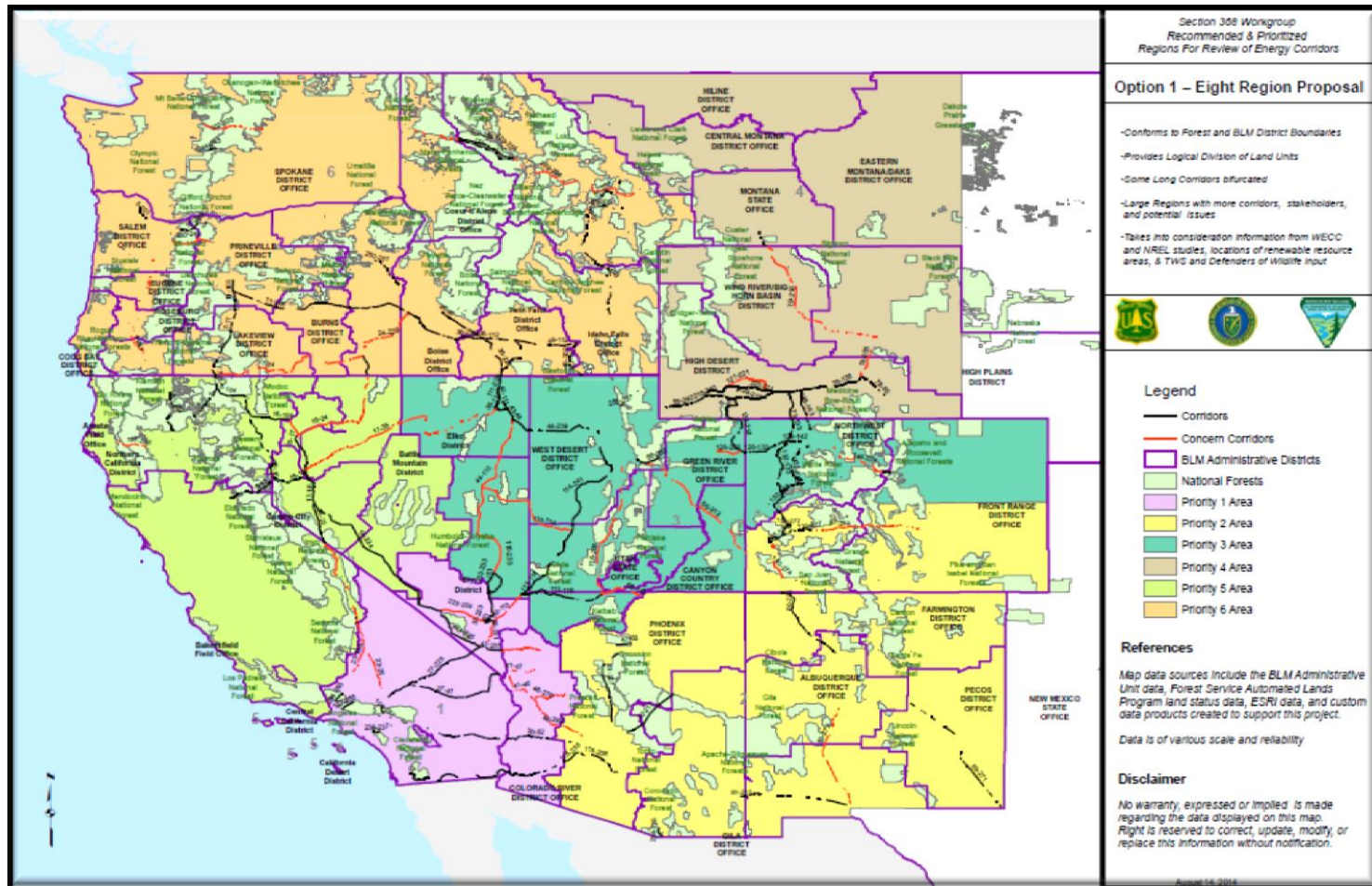
- Section 368 Energy Corridors were created to transfer energy to desired locations
- The 368 Energy Corridors came under a lawsuit and in 2012 a Settlement Agreement with Requirements was reached
- Upcoming webinars and public meetings will be held in August and September for Region 1 please see the posted links for dates and times

Corridor Study Release / 368 Information:

- <http://www.blm.gov/wo/st/en/prog/energy/transmission.html>
- www.blm.gov/so/st/en/prog/energy/transmission.html

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368 Energy Corridors





Renewable Energy in Nevada

- Nevada continues to be a desired location for renewable energy
- A spreadsheet on the next slide two slides identifies the energy projects in Nevada.

State of Nevada

7/26/2016

Renewable Energy Solar and Wind

Solar

100% ON FEDERAL LANDS

NVN	PROJECT NAME	MW	STATUS	OWNER	BLM DISTRICT
N-85077	Sliver State North	50	Built	Enbridge	SNDO
N-86292	Crescent Dunes	110	Built	Solar Reserve	BMDO
N-85801	Silver State South	250	Under Construction	NextEra	SNDO
N-92243	Luning Solar	50	Under Construction	Invenergy	CCDO
N-93306	Playa I	100	Starting Construction in August 2016	Switch	SNDO
N-94479	Playa II	100	Under Construction	Switch	SNDO
N-93321	Harry Allen Solar Energy Center Project	100	Waiting for a power Purchase Agreement	Invenergy	SNDO
N-93337	Dry Lake Solar Energy Center Project	150	Waiting for a power Purchase Agreement	NV Energy	SNDO

CONNECTED ACTION

NVN	PROJECT NAME	MW	STATUS	OWNER	BLM DISTRICT
N-90989	Mountain View	20	Built	NextEra	SNDO
N-89424	Copper Mountain III	250	Built	Sempra	SNDO
N-88313	Fotowatio	20	Built	Fowatio	SNDO
N-89176	Moapa Southern Paiute Solar	250	Under Construction	First Solar	SNDO
N-93818	Boulder Solar I	100	Under Construction	Sun Power	SNDO
N-94512	Boulder Solar II	100	Under Construction	Sun Power	SNDO
N-88870	Moapa Solar	200	Waiting for a Power Purchase Agreement	RES America	SNDO
N-90395	Techren	150	Waiting for a Power Purchase Agreement	KEMPO	SNDO
N-91253	Boulder Solar III	100	Waiting for a Power Purchase Agreement	Sun Power	SNDO
N-93564	Ayia	100	Waiting for a Power Purchase Agreement	First Solar	SNDO
N-90100	Fort Mojave	365	Stated NEPA Environmental Impact Statement	First Solar	SNDO

Wind

100% ON FEDERAL LANDS

NVN	PROJECT NAME	MW	STATUS	OWNER	BLM DISTRICT
N-84148	Spring Valley Wind	150	Built	NV Energy	EDO
N-84626	Searchlight Wind	200	Waiting for a Power Purchase Agreement	Apex	SNDO
N-82729	Oak Creek	200	Wind Testing and starting NEPA	IOWN	SNDO

Operating Geothermal Power Plants with Federal Interest in Nevada

Plant Name	Company	District Office	Operating Since	Capacity MW
Beowawe	Terra-Gen Power	Battle Mtn.	January 1986	16.6
Blue Mountain	NGP	Winnemucca	October 2009	49.5
Brady Hot Springs	Ormat Technologies	Winnemucca	June 1992	26
Desert Peak	Ormat Technologies	Winnemucca	January 1986	23
Dixie Valley	Terra-Gen Power	Carson City	June 1988	67
Don A. Campbell 1	Ormat Technologies	Carson City	November 2013	20
Don A. Campbell 2	Ormat Technologies	Carson City	September 2015	20
Galena 2	Ormat Technologies	Carson City	April 2007	15
Jersey Valley	Ormat Technologies	Battle Mtn.	December 2010	22.5
McGinness Hills	Ormat Technologies	Battle Mtn.	June 2012	48
McGinness Hills II	Ormat Technologies	Battle Mtn.	February 2015	48
Patua I	Gradient Resources	Carson City	October 2013	30
Salt Wells	Enel North America	Carson City	April 2009	18.06
San Emidio	U.S. Geothermal	Winnemucca	January 1988	12.7
Soda Lake 1	Alterra Power	Carson City	December 1987	5
Soda Lake 2	Alterra Power	Carson City	September 1990	18
Steamboat Hills	Ormat Technologies	Carson City	January 1988	13.2
Stillwater	Enel North America	Carson City	August 1991	47.3

Total

499.86

Updated:

6/3/16