Renewable Energy Transmission Initiative (RETI)
Phase 2A Draft Final Maps

California
Draft Proposed Competitive Renewable Energy Zones, 2010 Proposed California Desert Protection Act & Conceptual Transmission Segment Types
1/27/2010

Prepared by the California Energy Commission
Cartography Unit for the RETI Stakeholders
Cartographers - Jacque Gilbreath, Terry Rose & Michael Snyder

BLM Area of Critical Environmental Concern Reference Table

Afton Canyon	1	Marble Mountain Fossil Bed	34
Alligator Rock	2	Mesquite Hills/Crucero	35
Amargosa River	3	Mesquite Lake	36
Amboy Crater	4	Million Dollar Spring	37
Barstow Woolly Sunflower	5	Mojave Fishhook Cactus	38
Barstow Wooly Sunflower	6	Mojave Fringe-toed Lizard	39
Bedrock Spring	7	Mojave Monkeyflower	40
Bendires Thrasher	8	Mopah Spring	41
Big Morongo Canyon	9	Mountain Pass Dinosaur Trackway	42
Bigelow Cholla	10	Mule Mountains	43
Black Mountain	11	Ord-Rodman DWMA	44
Calico Early Man Site	12	Palen Dry Lake	45
Carbonate Endemic Plants	13	Parishs Phacelia	46
Christmas Canyon	14	Pattons Iron Mountain Divisional Camp	47
Chuckwalla Bench	15	Pinto Mountains DWMA	48
Chuckwalla Valley Dune Thicket	16	Pisgah	49
Clark Mountain	17	Potrero	50
Coachella Valley Fringe-toed Lizard	18	Rainbow Basin/Owl Canyon	51
Coolgardie Mesa	19	Rodman Mountains Cultural Area	52
Corn Springs	20	Salt Creek Hills	53
Cronese Basin	21	Santa Ana River Wash	54
Dead Mountains	22	Santa Margarita Ecological Reserve	55
Denning Springs	23	Soggy Dry Lake Creosote Rings	56
Desert Lily Preserve	24	Squaw Spring	57
Desert Tortoise	25	Superior-Cronese DWMA	58
Dos Palmas	26	Trona Pinnacles	59
Exclusion	27	Turtle Mountains	60
Fremont-Kramer DWMA	28	Upper Johnson Valley Yucca Rings	61
Halloran Wash	29	West Parasdise	62
Harper Dry Lake	30	Western Rand Mountains	63
Juniper Flats	31	Whipple Mountains	64
Last Chance Canyon	32	Whitewater Canyon	65
Manix	33		

RETI Competitive Renewable Energy Zones (CREZ)
- CREZ Boundary
- Proposed Wind Project
- Proposed Solar Project
- BLM Solar Lease Application
- BLM Wind Lease Application
- Collector Line
- Biomass Project
- Geothermal Project
- Collector Substation

RETI Transmission Segments
- Collector
- Delivery
- Foundation

Prohibited, Restricted & Limited Lands
- Category I Lands - Energy Development Prohibited or Restricted by Policy
- Category II Lands - Some Energy Development May Be Possible With Significant Limitations

Land Use
- California State Park
- State Owned Land
- Bureau of Indian Affairs
- Bureau of Land Management
- Department of Defense
- Private Land
- Citizen's Wilderness Inventory
- Potential Desert Wilderness
- Williamson Act
  NOTE: Williamson Act for Imperial,Orange, Kings, Inyo and San Benito Coutines not available
- The Wildlands Conservancy
- Area of Critical Environmenal Concern
- Mohave Ground Squirrel Core Population
- Mohave Ground Squirrel Range

Wildlife Linkage
- South Coast Missing Linkages
- Joshua Tree - Twentynine Palms Linkage

Existing Substations
- Imperial Irrigation District
- Los Angeles Dept. of Water & Power
- Pacific Gas & Electric
- Southern California Edison
- San Diego Gas & Electric
- Western Area Power Administration
- All Others

Existing Transmission Lines
(Colorized according to Utility Ownership)
- 12 kV - 59 kV
- 60 kV - 92 kV
- 110 kV - 161 kV
- 220 kV - 287 kV
- 345 kV - 500 kV
- 345 kV - 500 kV DC

Cultural Resource Constraints
- Historic U.S. Route 66
- Sensitive Area

Federal Energy Corridors
- 368 Transmission Corridor
- Bureau of Land Management Energy Corridor

Other Features
- Road
- County Boundary
- Dry Lake Bed
- Water Body
- Disturbed Area
- BLM Solar Energy Study Zones
- Proposed National Monument
- Proposed Desert Protection

WLD - Wilderness
NOHV - National Off-Highway Vehicle Recreation Area

1:1,040,000

0 5 10 20 30 40 50
Miles

T:\Projects\CEC\RETI Renewable Interconnection\RETI Phase 2 Working Group\Master Maps 6_9_09 FILENAME: RETI_WG2_CA_Master_TransSegmentType.mxd