

TABLE OF CONTENTS – VOLUME III

<u>Section</u>	<u>Page No.</u>
III.1 ENVIRONMENTAL SETTING/AFFECTED ENVIRONMENT	III.1-1
III.1.1 Overview of the Plan Area.....	III.1-1
III.1.2 Ecoregion Subareas Within the Plan Area	III.1-5
III.1.3 Definition of Environmental Baseline.....	III.1-5
III.1.3.1 CEQA Environmental Setting	III.1-5
III.1.3.2 NEPA Affected Environment.....	III.1-6
III.1.3.3 Environmental Baseline Used in This Document.....	III.1-6
III.1.4 Baseline Outside the Plan Area.....	III.1-13
III.1.5 Organization of the Environmental Baseline Chapters	III.1-13
III.2 AIR QUALITY	III.2-1
III.2.1 Regulatory Setting.....	III.2-1
III.2.1.1 Federal.....	III.2-1
III.2.1.2 State	III.2-13
III.2.1.3 Toxic Air Contaminants.....	III.2-13
III.2.1.4 State Implementation Plan.....	III.2-16
III.2.1.5 California Environmental Quality Act	III.2-19
III.2.1.6 Local.....	III.2-19
III.2.2 Geographic Setting	III.2-23
III.2.3 Air Quality Baseline Analysis for the Plan Area.....	III.2-23
III.2.3.1 Ozone.....	III.2-23
III.2.3.2 PM10.....	III.2-24
III.2.3.3 PM2.5.....	III.2-24
III.2.3.4 Nitrogen Dioxide	III.2-24
III.2.3.5 Sulfur Dioxide	III.2-25
III.2.3.6 Carbon Monoxide	III.2-25
III.2.3.7 Lead.....	III.2-25
III.2.4 Air Quality within the Plan Area.....	III.2-25
III.2.4.1 Air Quality – Federal Standards.....	III.2-25
III.2.4.2 Air Quality – State Standards	III.2-38
III.2.5 Air Quality within the DRECP Ecoregion Subareas.....	III.2-46
III.2.5.1 Cadiz Valley and Chocolate Mountains Ecoregion Subarea.....	III.2-46
III.2.5.2 Imperial Borrego Valley Ecoregion Subarea	III.2-55
III.2.5.3 Kingston and Funeral Mountains Ecoregion Subarea.....	III.2-55
III.2.5.4 Mojave and Silurian Valley Ecoregion Subarea.....	III.2-56

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.2.5.5	Owens River Valley Ecoregion SubareaIII.2-56
III.2.5.6	Panamint Death Valley Ecoregion SubareaIII.2-57
III.2.5.7	Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....III.2-57
III.2.5.8	Piute Valley and Sacramento Mountains Ecoregion Subarea.....III.2-58
III.2.5.9	Providence and Bullion Mountains Ecoregion Subarea.....III.2-59
III.2.5.10	West Mojave and Eastern Slopes Ecoregion Subarea.....III.2-59
III.2.6	Affected Environment for the Natural Community Conservation Plan.....III.2-60
III.2.7	Affected Environment for the General Conservation Plan.....III.2-60
III.2.8	Baseline Emissions for the Plan Area.....III.2-60
III.2.9	Air Quality Outside of Plan Area.....III.2-60
III.2.9.1	Transmission.....III.2-60
III.2.9.2	Bureau of Land Management Land Use Plan Amendment DecisionsIII.2-62
III.3	METEOROLOGY AND CLIMATE CHANGE III.3-1
III.3.1	Regulatory Setting..... III.3-4
III.3.1.1	Federal III.3-4
III.3.1.2	State III.3-5
III.3.2	Climate Change Trends for the State and Plan Area..... III.3-6
III.3.2.1	Understanding Climate Change..... III.3-6
III.3.2.2	Statewide Greenhouse Gas Inventory III.3-8
III.3.2.3	Climate Change Trends for the State III.3-8
III.3.2.4	Climate Change Trends for the Plan Area..... III.3-9
III.3.3	Meteorology and Climate—Greenhouse Gas Baseline Analysis for the Plan Area.....III.3-10
III.3.3.1	GHG Emissions from Existing Renewable Energy ProjectsIII.3-11
III.3.3.2	Net GHG Emissions from Existing Renewable Energy ProjectsIII.3-12
III.3.4	Meteorology and Climate—Greenhouse Gas Baseline for Outside the Plan Area.....III.3-12
III.3.4.1	Transmission Outside the Plan AreaIII.3-12

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.3.4.2 Bureau of Land Management Land Use Plan Amendment Decisions Outside the Plan Area	III.3-12
III.4 GEOLOGY AND SOILS	III.4-1
III.4.1 Regulatory Setting	III.4-1
III.4.1.1 Federal	III.4-1
III.4.1.2 State	III.4-1
III.4.1.3 County Plans.....	III.4-2
III.4.2 Geology and Soils within the Plan Area.....	III.4-4
III.4.2.1 Geomorphology and Surficial Geology.....	III.4-4
III.4.2.2 Soils	III.4-17
III.4.3 Faulting and Seismicity	III.4-22
III.4.4 Other Geologic Hazards.....	III.4-46
III.4.4.1 Ground Shaking.....	III.4-46
III.4.4.2 Liquefaction	III.4-47
III.4.4.3 Subsidence	III.4-48
III.4.4.4 Volcanic Activity	III.4-48
III.4.5 Geology and Soils in Bureau of Land Management Land Use Plan Amendment.....	III.4-48
III.4.6 Geology and Soils in Natural Community Conservation Plan Area.....	III.4-49
III.4.7 Geology and Soils in General Conservation Plan Area.....	III.4-49
III.4.8 Geology and Soils Outside the Plan Area	III.4-49
III.4.8.1 Transmission Out-of-Plan Area.....	III.4-49
III.4.8.2 Bureau of Land Management Land Use Plan Amendment Decisions Outside Plan Area.....	III.4-57
III.5 FLOOD HAZARD, HYDROLOGY, AND DRAINAGE.....	III.5-1
III.5.1 Regulatory Setting	III.5-1
III.5.1.1 Federal	III.5-1
III.5.1.2 State	III.5-6
III.5.1.3 Local.....	III.5-8
III.5.2 Flood Hazard, Hydrology, and Drainage Within the Plan Area.....	III.5-8
III.5.2.1 FEMA Flood Hazards	III.5-14
III.5.2.2 Water Quality in the Plan Area.....	III.5-14
III.5.3 Wild and Scenic Rivers Within the Plan Area.....	III.5-17
III.5.4 Hydrologic Regions, Basins and Sub-Basins Within the Plan Area.....	III.5-17

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.5.4.1	Characterization of Perennial, Intermittent, and Ephemeral StreamsIII.5-17
III.5.4.2	Streamflows for Perennial, Intermittent, and Ephemeral StreamsIII.5-19
III.5.5	Protecting the Water Quality and Beneficial Uses of Plan Area Waters.....III.5-24
III.5.5.1	Beneficial Uses.....III.5-24
III.5.5.2	Water Quality Objectives and Effluent Limitations.....III.5-27
III.5.6	Flood Hazard, Hydrology, and Drainage Areas Within Plan Area by Ecoregion SubareaIII.5-28
III.5.6.1	Cadiz Valley and Chocolate Mountains Ecoregion Subarea.....III.5-28
III.5.6.2	Imperial Borrego Valley Ecoregion SubareaIII.5-29
III.5.6.3	Kingston and Funeral Mountains Ecoregion Subarea.....III.5-29
III.5.6.4	Mojave and Silurian Valley Ecoregion Subarea.....III.5-29
III.5.6.5	Owens River Valley Ecoregion SubareaIII.5-29
III.5.6.6	Panamint Death Valley Ecoregion SubareaIII.5-29
III.5.6.7	Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....III.5-30
III.5.6.8	Piute Valley and Sacramento Mountains Ecoregion Subarea.....III.5-30
III.5.6.9	Providence and Bullion Mountains Ecoregion Subarea.....III.5-30
III.5.6.10	West Mojave and Eastern Slopes Ecoregion Subarea.....III.5-30
III.5.7	BLM LUPA Plan AreaIII.5-30
III.5.8	NCCP Plan Area.....III.5-31
III.5.9	General Conservation Plan (GCP)III.5-31
III.5.9.1	Cadiz Valley and Chocolate Mountains Ecoregion Subarea.....III.5-31
III.5.9.2	Imperial Borrego Valley Ecoregion SubareaIII.5-31
III.5.9.3	Kingston and Funeral Mountains Ecoregion Subarea.....III.5-31
III.5.9.4	Mojave and Silurian Valley Ecoregion Subarea.....III.5-32
III.5.9.5	Owens River Valley Ecoregion SubareaIII.5-32

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.5.9.6	Panamint Death Valley Ecoregion SubareaIII.5-32
III.5.9.7	Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....III.5-32
III.5.9.8	Piute Valley and Sacramento Mountains Ecoregion Subarea.....III.5-32
III.5.9.9	Providence and Bullion Mountains Ecoregion Subarea.....III.5-33
III.5.9.10	West Mojave and Eastern Slopes Ecoregion Subarea.....III.5-33
III.5.10	Flood Hazard, Hydrology, and Drainage Outside of the Plan Area.....III.5-33
III.5.10.1	Flood Hazard, Hydrology, and Drainage – Transmission Outside of Plan AreaIII.5-33
III.5.10.2	BLM LUPA.....III.5-35
III.6	GROUNDWATER, WATER SUPPLY, AND WATER QUALITY..... III.6-1
III.6.1	Regulatory Setting III.6-1
III.6.1.1	Federal III.6-1
III.6.1.2	State III.6-4
III.6.1.3	Local..... III.6-5
III.6.2	Groundwater Resources within the Plan Area..... III.6-6
III.6.2.1	Adjudicated Basins III.6-7
III.6.2.2	Sole-Source Aquifers.....III.6-25
III.6.2.3	Basins Tributary to the Colorado River.....III.6-25
III.6.3	Hydrogeological and Water Quality FrameworkIII.6-26
III.6.3.1	Aquifer CharacteristicsIII.6-26
III.6.3.2	Groundwater Basin BoundariesIII.6-30
III.6.3.3	Water Inflows and Outflows.....III.6-35
III.6.3.4	SubsidenceIII.6-57
III.6.3.5	Water Quality.....III.6-63
III.6.3.6	Imperial Borrego Valley Ecoregion SubareaIII.6-68
III.6.3.7	Kingston and Funeral Mountains Ecoregion Subarea.....III.6-70
III.6.3.8	Mojave and Silurian Valley Ecoregion Subarea.....III.6-73
III.6.3.9	Owens River Valley Ecoregion SubareaIII.6-76
III.6.3.10	Panamint Death Valley Ecoregion SubareaIII.6-78

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.6.3.11	Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....III.6-80
III.6.3.12	Piute Valley and Sacramento Mountains Ecoregion Subarea.....III.6-84
III.6.3.13	Providence and Bullion Mountains Ecoregion Subarea.....III.6-86
III.6.3.14	West Mojave and Eastern Slopes Ecoregion Subarea.....III.6-88
III.6.4	Bureau of Land Management Land Use Plan AmendmentIII.6-91
III.6.5	Natural Community Conservation Planning Existing Conditions.....III.6-94
III.6.6	General Conservation Land Plan Affected Environment.....III.6-98
III.6.7	Groundwater, Water Supply, and Water Quality Outside of Plan Area.....III.6-101
III.6.7.1	Transmission Out of Plan Area.....III.6-101
III.6.7.2	BLM LUPA Outside of Plan AreaIII.6-107
III.7	BIOLOGICAL RESOURCES..... III.7-1
III.7.1	Regulatory Setting..... III.7-1
III.7.1.1	Federal..... III.7-1
III.7.1.2	State III.7-5
III.7.2	Physical Conditions..... III.7-8
III.7.2.1	Ecoregions..... III.7-8
III.7.2.2	Climate III.7-8
III.7.2.3	Geomorphology..... III.7-9
III.7.2.4	Hydrology.....III.7-10
III.7.2.5	TopographyIII.7-17
III.7.2.6	Surficial Geology and ProcessesIII.7-17
III.7.3	Ecological Processes.....III.7-21
III.7.3.1	Environmental GradientsIII.7-21
III.7.3.2	Substrates.....III.7-24
III.7.3.3	Soil BiotaIII.7-26
III.7.3.4	Carbon and Nutrient Cycling.....III.7-27
III.7.3.5	Fire.....III.7-28
III.7.4	Ecological Context of the Plan AreaIII.7-30
III.7.4.1	Flora, Natural Communities, and Other Land CoversIII.7-34
III.7.4.2	Natural Communities and Land Covers.....III.7-65

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.7.4.3	Natural Communities and Other Land Covers by Ecoregion Subarea.....III.7-72
III.7.5	Wildlife Resources within the Plan AreaIII.7-95
III.7.5.1	Invertebrates.....III.7-96
III.7.5.2	Reptiles and AmphibiansIII.7-97
III.7.5.3	Birds.....III.7-100
III.7.5.4	FishIII.7-117
III.7.5.5	Mammals.....III.7-119
III.7.6	Special-Status Species.....III.7-123
III.7.6.1	Covered and Planning Species.....III.7-124
III.7.6.2	Covered and Planning Species Modeled HabitatIII.7-183
III.7.6.3	Other Bureau of Land Management Sensitive Species Addressed in the Land Use Plan Amendment.....III.7-197
III.7.6.4	Special-Status Species Not Covered Under the Desert Renewable Energy Conservation PlanIII.7-197
III.7.7	Invasive Species.....III.7-242
III.7.7.1	Invasive Plant SpeciesIII.7-242
III.7.7.2	Invasive Wildlife SpeciesIII.7-243
III.7.8	Landscape Habitat Linkages and Wildlife Movement CorridorsIII.7-245
III.7.9	Bureau of Land Management Land Use Plan AmendmentIII.7-272
III.7.9.1	Bureau of Land Management Land Use Plan Amendment Affected Environment for Special-Status Species Not Covered under the DRECP.....III.7-285
III.7.10	Natural Community Conservation PlanIII.7-287
III.7.10.1	Natural Community Conservation Plan Affected Environment for Special-Status Species Not Covered Under the DRECPIII.7-287
III.7.11	General Conservation PlanIII.7-287
III.7.11.1	General Conservation Plan Affected Environment for Special-Status Species Not Covered under the DRECP.....III.7-301
III.7.12	Biological Resources Outside the Plan Area.....III.7-303
III.7.12.1	Transmission.....III.7-303
III.7.12.2	Bureau of Land Management Land Use Plan Amendment.....III.7-318

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.8 CULTURAL RESOURCES	III.8-1
III.8.1 Regulatory Setting	III.8-2
III.8.1.1 Federal	III.8-2
III.8.1.2 State	III.8-11
III.8.1.3 Local	III.8-16
III.8.2 Cultural Resources Background and Context	III.8-18
III.8.2.1 Resource Types and Definitions	III.8-19
III.8.2.2 Prehistory	III.8-23
III.8.2.3 Ethnographic Context	III.8-36
III.8.2.4 Historic Period	III.8-57
III.8.3 Known Cultural Resources in the Plan Area by Ecoregion Subarea	III.8-68
III.8.3.1 CDCA Surveys and ACECs	III.8-69
III.8.3.2 Surveys Unrelated to the CDCA Planning Phase	III.8-75
III.8.3.3 BLM Cultural Resources Geodatabase	III.8-75
III.8.3.4 Results of Cultural Resources Analysis	III.8-79
III.8.4 Bureau of Land Management Land Use Plan Amendment	III.8-83
III.8.5 Natural Community Conservation Plan Existing Conditions	III.8-83
III.8.6 General Conservation Plan Affected Environment	III.8-83
III.8.7 Cultural Resources Outside of Plan Area	III.8-84
III.8.7.1 Transmission Outside of Plan Area	III.8-84
III.8.7.2 Bureau of Land Management Land Use Plan Amendment Outside of Plan Area	III.8-100
III.9 NATIVE AMERICAN INTERESTS	III.9-1
III.9.1 Regulatory Environment	III.9-1
III.9.1.1 Federal	III.9-2
III.9.1.2 State	III.9-9
III.9.1.3 Local	III.9-11
III.9.2 Tribes with Interests in the Plan Area	III.9-12
III.9.3 Native American Meetings	III.9-16
III.9.3.1 Previous Dialogues Related to Renewable Energy Development	III.9-16
III.9.3.2 Consultation for DRECP	III.9-17
III.9.4 Native American Concerns	III.9-19
III.9.4.1 Process Concerns	III.9-20
III.9.4.2 Physical World Concerns	III.9-21

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.10 PALEONTOLOGICAL RESOURCES	III.10-1
III.10.1 Regulatory Setting	III.10-2
III.10.1.1 Federal	III.10-3
III.10.1.2 State	III.10-6
III.10.1.3 Bureau of Land Management Plans and Guidelines.....	III.10-7
III.10.2 Baseline Inventory and Mapping Methodology.....	III.10-10
III.10.3 Overview of Paleontological Resources Within the Plan Area.....	III.10-17
III.10.3.1 Summary of Paleontological Resources Known in the Plan Area	III.10-18
III.10.3.2 Overview of Generalized PFYC Results.....	III.10-20
III.10.4 Paleontological Resources Plan-Wide by Ecoregion Subarea	III.10-21
III.10.4.1 Cadiz Valley and Chocolate Mountains Ecoregion Subarea.....	III.10-21
III.10.4.2 Imperial Borrego Valley Ecoregion Subarea	III.10-24
III.10.4.3 Kingston and Funeral Mountains Ecoregion Subarea.....	III.10-25
III.10.4.4 Mojave and Silurian Valley Ecoregion Subarea.....	III.10-26
III.10.4.5 Owens River Valley Ecoregion Subarea	III.10-28
III.10.4.6 Panamint Death Valley Ecoregion Subarea	III.10-28
III.10.4.7 Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....	III.10-29
III.10.4.8 Piute Valley and Sacramento Mountains Ecoregion Subarea.....	III.10-30
III.10.4.9 Providence and Bullion Mountains Ecoregion Subarea.....	III.10-30
III.10.4.10 West Mojave and Eastern Slopes Ecoregion Subarea...	III.10-31
III.10.5 Paleontological Resources—Environment Outside the Plan Area.....	III.10-32
III.10.5.1 Paleontological Resources—Transmission Out of Plan Area.....	III.10-32
III.10.5.2 BLM Land Use Plan Amendment Decisions.....	III.10-33
III.11 LAND USE AND POLICIES	III.11-1
III.11.1 Regulatory Setting	III.11-1
III.11.1.1 Federal	III.11-2
III.11.1.2 State	III.11-2
III.11.1.3 Local.....	III.11-3

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.11.2 Existing Land Management and Uses in the Plan Area	III.11-3
III.11.2.1 Federal Lands	III.11-4
III.11.2.2 State Lands.....	III.11-8
III.11.2.3 County Lands	III.11-10
III.11.3 Existing Planning Documents.....	III.11-13
III.11.3.1 Federal Planning Documents.....	III.11-13
III.11.3.2 State of California.....	III.11-15
III.11.3.3 Regional and County Planning Documents.....	III.11-18
III.11.4 Land Ownership and Use Plan-Wide by Ecoregion Subarea	III.11-24
III.11.4.1 Cadiz Valley and Chocolate Mountains Ecoregion Subarea.....	III.11-25
III.11.4.2 Imperial Borrego Valley Ecoregion Subarea	III.11-26
III.11.4.3 Kingston and Funeral Mountains Ecoregion Subarea.....	III.11-27
III.11.4.4 Mojave and Silurian Valley Ecoregion Subarea.....	III.11-28
III.11.4.5 Owens River Valley Ecoregion Subarea	III.11-29
III.11.4.6 Panamint Death Valley Ecoregion Subarea	III.11-30
III.11.4.7 Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....	III.11-30
III.11.4.8 Piute Valley and Sacramento Mountains Ecoregion Subarea.....	III.11-31
III.11.4.9 Providence and Bullion Mountains Ecoregion Subarea.....	III.11-32
III.11.4.10 West Mojave and Eastern Slopes Ecoregion Subarea.....	III.11-33
III.11.5 Land Ownership and Use—Bureau of Land Management Land Use Plan Amendment.....	III.11-34
III.11.6 Affected Environment for the Natural Communities Conservation Plan.....	III.11-35
III.11.7 Affected Environment for the General Conservation Plan	III.11-35
III.11.8 Land Ownership and Use, Environment Outside of Plan Area.....	III.11-35
III.11.8.1 Land Uses and Policies—Transmission Out of Plan Area.....	III.11-35
III.11.8.2 BLM Land Use Plan Amendment Decisions.....	III.11-41
III.12 AGRICULTURAL LAND AND PRODUCTION	III.12-1
III.12.1 Regulatory Setting.....	III.12-1

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.12.1.1	Federal III.12-1
III.12.1.2	State III.12-1
III.12.1.3	Applicable Local Agricultural Lands Ordinances III.12-7
III.12.2	Agricultural Land within the Plan Area by Ecoregion Subarea III.12-17
III.12.2.1	Williamson Act Lands III.12-17
III.12.2.2	Important Farmland III.12-19
III.12.2.3	Agricultural Land by DRECP Ecoregion Subarea III.12-19
III.12.3	Agricultural Resources—Natural Community Conservation Plan Existing Conditions III.12-29
III.12.4	Agricultural Resources—General Conservation Plan III.12-30
III.12.5	Agricultural Resources—Outside the Plan Area III.12-31
III.12.5.1	Transmission Outside of Plan Area III.12-31
III.12.5.2	Bureau of Land Management Land Use Plan Amendment Decisions III.12-31
III.13	BLM LANDS AND REALTY—LAND USE AUTHORIZATIONS AND
	LAND TENURE..... III.13-1
III.13.1	Regulatory Setting III.13-2
III.13.1.1	Federal III.13-2
III.13.2	Affected Environment III.13-7
III.13.2.1	Rights-of-Way for Wind and Solar Energy Development III.13-8
III.13.2.2	Land Use Authorizations – Corridors III.13-10
III.13.2.3	Land Use Authorizations – Exclusion Areas III.13-10
III.13.2.4	Land Use Authorizations for Nonrenewable Energy Uses III.13-10
III.13.3	Land Tenure III.13-11
III.13.4	Bureau of Land Management Renewable Energy Land Use Authorizations by Ecoregion Subarea III.13-12
III.13.4.1	Cadiz Valley and Chocolate Mountains Ecoregion Subarea III.13-12
III.13.4.2	Imperial Borrego Valley Ecoregion Subarea III.13-12
III.13.4.3	Kingston and Funeral Mountains Ecoregion Subarea III.13-13
III.13.4.4	Mojave and Silurian Valley Ecoregion Subarea III.13-13
III.13.4.5	Owens River Valley Ecoregion Subarea III.13-13
III.13.4.6	Panamint Death Valley Ecoregion Subarea III.13-14

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.13.4.7 Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....	III.13-14
III.13.4.8 Piute Valley and Sacramento Mountains Ecoregion Subarea.....	III.13-15
III.13.4.9 Providence and Bullion Mountains Ecoregion Subarea.....	III.13-15
III.13.4.10 West Mojave and Eastern Slopes Ecoregion Subarea.....	III.13-15
III.13.5 Affected Environment for the Natural Community Conservation Plan.....	III.13-17
III.13.6 Affected Environment for the General Conservation Plan.....	III.13-17
III.13.7 Bureau of Land Management Lands and Realty – Outside the Plan Area.....	III.13-17
III.13.7.1 Transmission.....	III.13-17
III.13.7.2 BLM LUPA Decisions – Out of Plan Area	III.13-19
III.14 BLM LAND DESIGNATIONS, CLASSIFICATIONS, ALLOCATIONS, AND LANDS WITH WILDERNESS CHARACTERISTICS	III.14-1
III.14.1 Regulatory Setting.....	III.14-2
III.14.1.1 Federal.....	III.14-2
III.14.2 Affected Environment – Bureau of Land Management Special Designations, Classifications, Allocations, and Lands With Wilderness Characteristics.....	III.14-14
III.14.2.1 National Conservation Lands.....	III.14-14
III.14.2.2 Areas of Critical Environmental Concern	III.14-27
III.14.2.3 Lands with Inventoried Wilderness Characteristics ...	III.14-38
III.14.2.4 Special Recreation Management Areas	III.14-40
III.14.2.5 Designated Open Off-Highway Vehicle Areas.....	III.14-43
III.14.2.6 Multiple-Use Classes	III.14-43
III.14.3 Affected Environment for the Natural Community Conservation Plan.....	III.14-44
III.14.4 Affected Environment for the General Conservation Plan.....	III.14-45
III.14.5 Bureau of Land Management Special Designations, Classifications, Allocations, and Lands With Wilderness Characteristics—Outside the Plan Area.....	III.14-45
III.14.5.1 Transmission.....	III.14-45

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.14.5.2 Bureau of Land Management Special Designations – Outside of the Plan Area	III.14-49
III.15 MINERAL RESOURCES.....	III.15-1
III.15.1 Statutory, Regulatory and Policy Setting.....	III.15-1
III.15.1.1 Federal.....	III.15-1
III.15.1.2 State	III.15-7
III.15.1.3 County.....	III.15-8
III.15.2 Mineral Resources Within the Plan Area.....	III.15-10
III.15.2.1 Geothermal Resources.....	III.15-10
III.15.2.3 High-Potential Mineral Areas	III.15-15
III.15.2.4 High-Priority Mineral and Energy Locations.....	III.15-15
III.15.2.5 Rare Earth Element Areas	III.15-19
III.15.2.6 Locatable, Leasable, and Mineral Materials.....	III.15-20
III.15.2.7 Oil and Gas Resources	III.15-21
III.15.3 Mineral Resources in the Natural Community Conservation Plan Affected Environment.....	III.15-21
III.15.4 Mineral Resources in the General Conservation Plan Affected Environment.....	III.15-22
III.15.5 Mineral Resources Outside of Plan Area.....	III.15-22
III.15.5.1 Transmission.....	III.15-22
III.15.5.2 Bureau of Land Management Land Use Plan Amendment Decisions	III.15-30
III.16 LIVESTOCK GRAZING	III.16-1
III.16.1 Regulatory Setting.....	III.16-1
III.16.1.1 Federal.....	III.16-1
III.16.1.2 State	III.16-6
III.16.2 Grazing Within the Plan Area	III.16-6
III.16.2.1 Livestock Grazing Allotments.....	III.16-6
III.16.2.2 Livestock Grazing – Private Lands.....	III.16-10
III.16.3 Livestock Grazing—Natural Community Conservation Plan Existing Conditions	III.16-10
III.16.4 Livestock Grazing—Habitat Conservation Plan Affected Environment.....	III.16-10
III.16.4.1 Grazing in the General Conservation Plan Area.....	III.16-10
III.16.5 Livestock Grazing—Outside the Plan Area.....	III.16-17
III.16.5.1 Transmission Out of Plan Area.....	III.16-17

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.16.5.2 Bureau of Land Management Land Use Plan Amendment Decisions	III.16-18
III.17 WILD HORSES AND BURROS.....	III.17-1
III.17.1 Regulatory Setting.....	III.17-1
III.17.1.1 Federal.....	III.17-1
III.17.2 Wild Horse and Burro Herd Management Areas by Ecoregion Subarea.....	III.17-1
III.17.2.1 Cadiz Valley and Chocolate Mountains Ecoregion Subarea.....	III.17-3
III.17.2.2 Imperial Borrego Valley Ecoregion Subarea.....	III.17-4
III.17.2.3 Kingston and Funeral Mountains Ecoregion Subarea.....	III.17-4
III.17.2.4 Mojave and Silurian Valley Ecoregion Subarea.....	III.17-7
III.17.2.5 Owens River Valley Ecoregion Subarea	III.17-7
III.17.2.6 Panamint Death Valley Ecoregion Subarea	III.17-7
III.17.2.7 Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....	III.17-7
III.17.2.8 Piute Valley and Sacramento Mountains Ecoregion Subarea.....	III.17-7
III.17.2.9 Providence and Bullion Mountains Ecoregion Subarea.....	III.17-8
III.17.2.10 West Mojave and Eastern Slopes Ecoregion Subarea.....	III.17-8
III.17.3 Affected Environment for the Natural Community Conservation Plan.....	III.17-8
III.17.4 Affected Environment for the General Conservation Plan	III.17-8
III.17.5 Wild Horse and Burro Herd Management Areas Outside the Plan Area.....	III.17-8
III.17.5.1 Transmission Out of Plan Area.....	III.17-8
III.17.5.2 Bureau of Land Management Land Use Plan Amendment.....	III.17-9
III.18 OUTDOOR RECREATION	III.18-1
III.18.1 Regulatory Setting.....	III.18-1
III.18.1.1 Federal.....	III.18-1
III.18.1.2 State	III.18-6
III.18.1.3 County.....	III.18-8

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.18.2 Outdoor Recreation Within the Plan Area	III.18-9
III.18.2.1 Bureau of Land Management.....	III.18-9
III.18.2.2 National Park Service	III.18-14
III.18.2.3 State of California.....	III.18-16
III.18.2.4 County Parks and Recreation.....	III.18-20
III.18.3 Outdoor Recreation Plan-Wide by Ecoregion Subarea	III.18-21
III.18.4 Outdoor Recreation—Natural Community Conservation Plan	III.18-23
III.18.5 Outdoor Recreation—General Conservation Plan	III.18-24
III.18.6 Outdoor Recreation Outside of Plan Area	III.18-24
III.18.6.1 Transmission.....	III.18-24
III.18.6.2 Bureau of Land Management Land Use Plan Amendment Decisions	III.18-50
III.19 TRANSPORTATION AND PUBLIC ACCESS.....	III.19-1
III.19.1 Regulatory Setting	III.19-1
III.19.1.1 Federal	III.19-1
III.19.1.2 State	III.19-6
III.19.1.3 County	III.19-7
III.19.2 Transportation Facilities Within the Plan Area	III.19-10
III.19.2.1 Federal Highways	III.19-10
III.19.2.2 State Routes	III.19-11
III.19.2.3 Railroads	III.19-15
III.19.2.4 Existing Built Environment and Renewable Energy Projects	III.19-15
III.19.3 Transportation Plan-Wide by Ecoregion Subarea.....	III.19-15
III.19.3.1 Cadiz Valley and Chocolate Mountains Ecoregion Subarea.....	III.19-15
III.19.3.2 Imperial Borrego Valley Ecoregion Subarea	III.19-16
III.19.3.3 Kingston and Funeral Mountains Ecoregion Subarea.....	III.19-17
III.19.3.4 Mojave and Silurian Valley Ecoregion Subarea.....	III.19-18
III.19.3.5 Owens River Valley Ecoregion Subarea	III.19-19
III.19.3.6 Panamint Death Valley Ecoregion Subarea	III.19-19
III.19.3.7 Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....	III.19-20
III.19.3.8 Piute Valley and Sacramento Mountains Ecoregion Subarea.....	III.19-21

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.19.3.9 Providence and Bullion Mountains Ecoregion Subarea.....	III.19-22
III.19.3.10 West Mojave and Eastern Slopes Ecoregion Subarea.....	III.19-22
III.19.4 Affected Environment for the Natural Community Conservation Plan.....	III.19-24
III.19.5 Affected Environment for the General Conservation Plan.....	III.19-24
III.19.6 Transportation Outside of Plan Area	III.19-24
III.19.6.1 Transmission.....	III.19-24
III.19.6.2 Bureau of Land Management Land Use Plan Amendment Decisions	III.19-28
III.20 VISUAL RESOURCES.....	III.20-1
III.20.1 Regulatory Setting.....	III.20-1
III.20.1.1 Federal	III.20-1
III.20.1.2 State	III.20-4
III.20.1.3 County.....	III.20-6
III.20.2 Visual Resources within the Plan Area.....	III.20-10
III.20.2.1 Bureau of Land Management Visual Resource Management and Mapping.....	III.20-11
III.20.2.2 National Parks, Preserves, Historic Sites, Forests, and National Conservation Lands.....	III.20-13
III.20.2.3 State Parks and Scenic Highways.....	III.20-28
III.20.3 Summary of Visual Resources and Visually Important Management Units by Ecoregion Subarea	III.20-32
III.20.3.1 Cadiz Valley and Chocolate Mountains Ecoregion Subarea.....	III.20-32
III.20.3.2 Imperial and Borrego Valley Ecoregion Subarea	III.20-33
III.20.3.3 Kingston and Funeral Mountains Ecoregion Subarea.....	III.20-34
III.20.3.4 Mojave and Silurian Valley Ecoregion Subarea.....	III.20-35
III.20.3.5 Owens River Valley Ecoregion Subarea	III.20-35
III.20.3.6 Panamint Death Valley Ecoregion Subarea	III.20-36
III.20.3.7 Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....	III.20-37
III.20.3.8 Piute Valley and Sacramento Mountains Ecoregion Subarea.....	III.20-38

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.20.3.9 Providence and Bullion Mountains Ecoregion Subarea.....	III.20-39
III.20.3.10 West Mojave and Eastern Slopes Ecoregion Subarea.....	III.20-39
III.20.4 Bureau of Land Management Land Use Plan Amendment	III.20-40
III.20.5 Natural Community Conservation Plan	III.20-41
III.20.6 General Conservation Plan	III.20-41
III.20.7 Visual Resources Outside of Plan Area	III.20-42
III.20.7.1 Transmission Outside of the Plan Area	III.20-42
III.20.7.2 Bureau of Land Management Land Use Plan Amendment Decisions Outside of the Plan Area.....	III.20-47
III.21 NOISE AND VIBRATION	III.21-1
III.21.1 Regulatory Setting	III.21-1
III.21.1.1 Federal	III.21-1
III.21.1.2 State	III.21-2
III.21.1.3 Local.....	III.21-2
III.21.2 Noise and Vibration Fundamentals	III.21-10
III.21.2.1 Noise Fundamentals	III.21-10
III.21.2.2 Vibration	III.21-13
III.21.3 Noise and Vibration Baseline for the Plan Area	III.21-14
III.21.3.1 Sensitive Receptors.....	III.21-15
III.21.4 Sensitive Receptors by Ecoregion Subarea	III.21-18
III.21.4.1 Cadiz Valley and Chocolate Mountains Ecoregion Subarea.....	III.21-18
III.21.4.2 Imperial Borrego Valley Ecoregion Subarea	III.21-18
III.21.4.3 Kingston and Funeral Mountains Ecoregion Subarea.....	III.21-18
III.21.4.4 Mojave and Silurian Valley Ecoregion Subarea.....	III.21-19
III.21.4.5 Owens River Valley Ecoregion Subarea	III.21-19
III.21.4.6 Panamint Death Valley Ecoregion Subarea	III.21-19
III.21.4.7 Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....	III.21-19
III.21.4.8 Piute Valley and Sacramento Mountains Ecoregion Subarea.....	III.21-19
III.21.4.9 Providence and Bullion Mountains Ecoregion Subarea.....	III.21-19

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.21.4.10 West Mojave and Eastern Slopes Ecoregion Subarea.....	III.21-20
III.21.5 Affected Environment for the Natural Community Conservation Plan.....	III.21-20
III.21.6 Affected Environment for the General Conservation Plan	III.21-20
III.21.7 Noise and Vibration Environment Outside of Plan Area.....	III.21-20
III.21.7.1 Transmission.....	III.21-21
III.21.7.2 BLM Land Use Plan Amendment Decisions.....	III.21-22
III.22 PUBLIC HEALTH, SAFETY, AND SERVICES.....	III.22-1
III.22.1 Regulatory Setting.....	III.22-1
III.22.1.1 Federal	III.22-1
III.22.1.2 State	III.22-3
III.22.2 Overview of Public Health, Safety, and Services within the Plan Area.....	III.22-6
III.22.2.1 Hazardous Materials.....	III.22-6
III.22.2.2 Airport Safety Hazards	III.22-8
III.22.2.3 Wildland Fire Hazards	III.22-13
III.22.2.4 Public Services.....	III.22-14
III.22.2.5 Landfills.....	III.22-24
III.22.2.6 Public Health and Safety	III.22-24
III.22.3 Public Health, Safety, and Services issues within Plan Area by Ecoregion Subarea.....	III.22-25
III.22.3.1 Cadiz Valley and Chocolate Mountains Ecoregion Subarea.....	III.22-25
III.22.3.2 Imperial Borrego Valley Ecoregion Subarea	III.22-25
III.22.3.3 Kingston and Funeral Mountains Ecoregion Subarea.....	III.22-26
III.22.3.4 Mojave and Silurian Valley Ecoregion Subarea.....	III.22-26
III.22.3.5 Owens River Valley Ecoregion Subarea	III.22-26
III.22.3.6 Panamint Death Valley Ecoregion Subarea	III.22-29
III.22.3.7 Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....	III.22-29
III.22.3.8 Piute Valley and Sacramento Mountains Ecoregion Subarea.....	III.22-29
III.22.3.9 Providence and Bullion Mountains Ecoregion Subarea.....	III.22-29

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.22.3.10 West Mojave and Eastern Slopes Ecoregion Subarea.....	III.22-30
III.22.3.11 Hazardous Materials by Ecoregion Subarea	III.22-30
III.22.4 Public Health, Safety, and Services Issues—Natural Community Conservation Plan.....	III.22-31
III.22.5 Public Health, Safety, and Services Issues—General Conservation Plan.....	III.22-31
III.22.5.1 Public Health, Safety, and Services Issues in the General Conservation Plan Area.....	III.22-31
III.22.6 Public Health, Safety, and Services Issues Outside the Plan Area....	III.22-33
III.22.6.1 Public Health, Safety, and Services Issues— Transmission Out of Plan Area	III.22-33
III.22.6.2 Public Health, Safety, and Services Issues— Bureau of Land Management Land Use Plan Amendment Decisions	III.22-33
III.23 SOCIOECONOMICS AND ENVIRONMENTAL JUSTICE.....	III.23-1
III.23.1 Regulatory Setting	III.23-1
III.23.1.1 Federal	III.23-1
III.23.1.2 State	III.23-3
III.23.1.3 Regional.....	III.23-4
III.23.1.4 Local.....	III.23-6
III.23.2 Social and Economic Conditions	III.23-7
III.23.2.1 Socioeconomic Study Areas.....	III.23-8
III.23.2.2 Population	III.23-10
III.23.2.3 Housing.....	III.23-11
III.23.2.4 Employment	III.23-13
III.23.2.5 Public Finance.....	III.23-16
III.23.3 Community and Social Organization	III.23-18
III.23.3.1 Study Area	III.23-18
III.23.3.2 Social Values and Community Attitudes Toward Renewable Energy Development.....	III.23-19
III.23.4 Environmental Justice Conditions.....	III.23-20
III.23.4.1 Defining Environmental Justice Populations	III.23-20
III.23.4.2 Plan Area Minority and Low-Income Populations.....	III.23-21
III.23.4.3 Study Area Minority and Low-Income Populations.....	III.23-22

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.23.5 Socioeconomics and Environmental Justice by Ecoregion Subarea.....	III.23-23
III.23.5.1 Cadiz Valley and Chocolate Mountains Ecoregion Subarea.....	III.23-23
III.23.5.2 Imperial Borrego Valley Ecoregion Subarea	III.23-23
III.23.5.3 Kingston and Funeral Mountains Ecoregion Subarea.....	III.23-23
III.23.5.4 Mojave and Silurian Valley Ecoregion Subarea.....	III.23-24
III.23.5.5 Owens River Valley Ecoregion Subarea	III.23-24
III.23.5.6 Panamint Death Valley Ecoregion Subarea	III.23-24
III.23.5.7 Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....	III.23-24
III.23.5.8 Piute Valley and Sacramento Mountains Ecoregion Subarea.....	III.23-25
III.23.5.9 Providence and Bullion Mountains Ecoregion Subarea.....	III.23-25
III.23.5.10 West Mojave and Eastern Slopes Ecoregion Subarea.....	III.23-25
III.23.6 Socioeconomics and Environmental Justice—Bureau of Land Management Land Use Plan Amendment Affected Environment ...	III.23-25
III.23.7 Socioeconomics and Environmental Justice—Natural Community Conservation Plan Environmental Setting	III.23-26
III.23.8 Socioeconomics and Environmental Justice—General Conservation Plan Affected Environment.....	III.23-26
III.23.9 Socioeconomics and Environmental Justice Outside of Plan Area.....	III.23-26
III.23.9.1 Transmission.....	III.23-26
III.23.9.2 San Diego Area	III.23-27
III.23.9.3 Los Angeles Area	III.23-27
III.23.9.4 North Palm Springs-Riverside Area.....	III.23-27
III.23.9.5 Central Valley Area.....	III.23-27
III.23.10 Socioeconomics and Environmental Justice—Bureau of Land Management Land Use Plan Amendment Outside of Plan Area	III.23-30
III.24 DEPARTMENT OF DEFENSE LANDS AND OPERATIONS.....	III.24-1
III.24.1 Regulatory Setting.....	III.24-1
III.24.1.1 Federal	III.24-1

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>	<u>Page No.</u>
III.24.2 Department of Defense Lands and Operations Within the Plan Area.....	III.24-3
III.24.2.1 Military Bases and Operations	III.24-3
III.24.2.2 Airspace Operations.....	III.24-8
III.24.2.3 Radar Facilities.....	III.24-13
III.24.3 Department of Defense Lands and Operations by DRECP	
Ecoregion Subarea.....	III.24-13
III.24.3.1 Cadiz Valley and Chocolate Mountains	
Ecoregion Subarea.....	III.24-13
III.24.3.2 Imperial Borrego Valley Ecoregion Subarea	III.24-14
III.24.3.3 Kingston and Funeral Mountains	
Ecoregion Subarea.....	III.24-17
III.24.3.4 Mojave and Silurian Valley Ecoregion Subarea.....	III.24-17
III.24.3.5 Owens River Valley Ecoregion Subarea	III.24-18
III.24.3.6 Panamint Death Valley Ecoregion Subarea	III.24-18
III.24.3.7 Pinto Lucerne Valley and Eastern Slopes	
Ecoregion Subarea.....	III.24-18
III.24.3.8 Piute Valley and Sacramento Mountains	
Ecoregion Subarea.....	III.24-19
III.24.3.9 Providence and Bullion Mountains	
Ecoregion Subarea.....	III.24-19
III.24.3.10 West Mojave and Eastern Slopes	
Ecoregion Subarea.....	III.24-20
III.24.4 Affected Environment for the Natural Community	
Conservation Plan.....	III.24-20
III.24.5 Affected Environment for the General Conservation Plan.....	III.24-21
III.24.6 Department of Defense Lands and Operations Outside of	
Plan Area.....	III.24-21
III.24.6.1 Department of Defense Lands and Operations—	
Transmission Outside of Plan Area	III.24-21
III.24.6.2 Bureau of Land Management Land Use Plan	
Amendment Decisions	III.24-22
III.25 LITERATURE CITED – VOLUME III	III.25-1
Chapter III.1 Environmental Setting/Affected Environment.....	III.25-1
Chapter III.2 Air Quality	III.25-1
Chapter III.3 Meteorology and Climate Change	III.25-4

TABLE OF CONTENTS (CONTINUED)

<u>Section</u>		<u>Page No.</u>
Chapter III.4	Geology and Soils.....	III.25-6
Chapter III.5	Flood Hazard, Hydrology, and Drainage	III.25-10
Chapter III.6	Groundwater, Water Supply, and Water Quality.....	III.25-12
Chapter III.7	Biological Resources	III.25-17
Chapter III.8	Cultural Resources.....	III.25-37
Chapter III.9	Tribal Interests.....	III.25-60
Chapter III.10	Paleontological Resources.....	III.25-65
Chapter III.11	Land Uses and Policies.....	III.25-70
Chapter III.12	Agricultural Land and Production	III.25-71
Chapter III.13	BLM Lands and Realty—Rights-of-way and Land Tenure ..	III.25-72
Chapter III.14	BLM Special Designations, Classifications, Allocations, and Lands With Wilderness Characteristics	III.25-75
Chapter III.15	Mineral Resources	III.25-76
Chapter III.16	Livestock Grazing.....	III.25-80
Chapter III.17	Wild Horses and Burros	III.25-81
Chapter III.18	Outdoor Recreation.....	III.25-82
Chapter III.19	Transportation and Public Access	III.25-84
Chapter III.20	Visual/Aesthetic Resources.....	III.25-85
Chapter III.21	Noise and Vibration.....	III.25-86
Chapter III.22	Public Safety and Services	III.25-87
Chapter III.23	Socioeconomics and Environmental Justice.....	III.25-89
Chapter III.24	Department of Defense Lands and Operations	III.25-92

TABLE OF CONTENTS (CONTINUED)

Page No.

TABLES

III.1-1	Summary of Existing Renewable Energy (RE) Projects in the Plan Area as of October 15, 2013.....	III.1-8
III.2-1	Attainment Periods.....	III.2-3
III.2-2	Ambient Air Quality Standards.....	III.2-4
III.2-3	Class I Areas by Ecoregion Subarea.....	III.2-8
III.2-4	Ambient Air Quality Summary with Respect to Federal Standards – Great Basin Valleys Air Basin	III.2-27
III.2-5	Ambient Air Quality Summary with Respect to Federal Standards – Mojave Desert Air Basin	III.2-39
III.2-6	Ambient Air Quality Summary with Respect to Federal Standards – Salton Sea Air Basin.....	III.2-39
III.2-7	Ambient Air Quality Summary with Respect to Federal Standards – San Diego Air Basin.....	III.2-40
III.2-8	Ambient Air Quality Summary with Respect to State Standards – Great Basin Valleys Air Basin	III.2-47
III.2-9	Ambient Air Quality Summary with Respect to State Standards – Mojave Desert Air Basin	III.2-47
III.2-10	Ambient Air Quality Summary with Respect to State Standards – Salton Sea Air Basin.....	III.2-48
III.2-11	Ambient Air Quality Summary with Respect to State Standards – San Diego Air Basin.....	III.2-49
III.2-12	DRECP Ecoregion Subarea Air Basins (acres).....	III.2-50
III.2-13	2013 Attainment Status for the South Coast Air Basin	III.2-61
III.2-14	2013 Attainment Status for the San Joaquin Valley Air Basin	III.2-62
III.2-15	BLM LUPA Land Outside the Plan Area Air Basins (acres)	III.2-63
III.3-1	Global Warming Potentials and Atmospheric Lifetimes (Years).....	III.3-7
III.3-2	2011 California GHG Inventory	III.3-8
III.3-3	California Existing GHG Emission Rates from Electricity Use.....	III.3-11
III.4-1	Soil Types and Textures within the Plan Area	III.4-17
III.4-2	Largest Faults within the Plan Area	III.4-45
III.4-3	Earthquakes within the Plan Area with a Magnitude 6.0 or Higher.....	III.4-47
III.5-1	Comparison of Flood Characteristics for Alluvial Fans and Banked Rivers	III.5-19
III.5-2	RWQCB Basin Plan Beneficial Uses.....	III.5-24

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.5-3	Stream Crossings Outside of Plan Area.....III.5-34
III.6-1	California Department of Water Resources Basins in the DRECP III.6-8
III.6-2	California Department of Water Resources Basins in the Cadiz Valley and Chocolate Mountains Ecoregion Subarea of the DRECPIII.6-67
III.6-3	California Department of Water Resources Basins in the Imperial Borrego Valley Ecoregion Subarea of the DRECP.....III.6-69
III.6-4	Department of Water Resources Basins in the Kingston and Funeral Mountains Ecoregion Subarea of the DRECPIII.6-70
III.6-5	California Department of Water Resources Basins in the Mojave and Silurian Valley Ecoregion Subarea of the DRECPIII.6-74
III.6-6	California Department of Water Resources Basins in the Owens River Valley Ecoregion Subarea of the DRECP.....III.6-77
III.6-7	California Department of Water Resources Basins in the Panamint Death Valley Ecoregion Subarea of the DRECPIII.6-79
III.6-8	California Department of Water Resources Basins in the Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea of the DRECPIII.6-81
III.6-9	California Department of Water Resources Basins in the Piute Valley and Sacramento Mountains Ecoregion Subarea of the DRECPIII.6-84
III.6-10	California Department of Water Resources Basins in the Providence and Bullion Mountains Ecoregion Subarea of the DRECPIII.6-86
III.6-11	California Department of Water Resources Basins in the West Mojave and Eastern Slopes Ecoregion Subarea of the DRECPIII.6-89
III.6-12	California Department of Water Resources Basins within BLM LUPA Affected EnvironmentIII.6-91
III.6-13	California Department of Water Resources Basins within NCCP Affected EnvironmentIII.6-95
III.6-14	California Department of Water Resources Basins within GCP Affected EnvironmentIII.6-98
III.6-15	Department of Water Resources Basins in BLM LUPA Affected Environment but Outside the Plan Area..... III.6-107
III.7-1	Landforms within the Plan Area III.7-9
III.7-2	Watersheds in the Plan Area III.7-10
III.7-3	Major Rivers in the Plan Area..... III.7-11
III.7-4	National Hydrology Dataset Waterbodies in the Plan Area.....III.7-12
III.7-5	Seeps/Springs in the Plan Area by Ecoregion Subarea.....III.7-12
III.7-6	Surficial Geology in the Plan AreaIII.7-17

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.7-7 Dunes and Sand Resources by Ecoregion Subarea	III.7-18
III.7-8 Distribution of Elevation Ranges in the Plan Area.....	III.7-22
III.7-9 Distribution of Slope Ranges in the Plan Area	III.7-22
III.7-10 Distribution of Aspect in the Plan Area.....	III.7-23
III.7-11 Summary of Natural Communities and Other Land Cover in Plan Area	III.7-59
III.7-12 Natural Communities and Other Land Covers in the Cadiz Valley and Chocolate Mountains Ecoregion Subarea of the DRECP	III.7-72
III.7-13 Natural Communities and Other Land Covers within the Imperial Borrego Valley Ecoregion Subarea of the DRECP.....	III.7-74
III.7-14 Natural Communities and Other Land Covers in the Kingston and Funeral Mountains Ecoregion Subarea of the DRECP	III.7-76
III.7-15 Natural Communities and Other Land Covers in the Mojave and Silurian Valley Ecoregion Subarea of the DRECP	III.7-78
III.7-16 Natural Communities and Other Land Covers in the Owens River Valley Ecoregion Subarea of the DRECP	III.7-81
III.7-17 Natural Communities and Other Land Covers in the Panamint Death Valley Ecoregion Subarea of the DRECP.....	III.7-82
III.7-18 Natural Communities and Other Land Covers in the Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea of the DRECP	III.7-84
III.7-19 Natural Communities and Other Land Covers in the Piute Valley and Sacramento Mountains Ecoregion Subarea of the DRECP.....	III.7-88
III.7-20 Natural Communities and Other Land Covers in the Providence and Bullion Mountains Ecoregion Subarea of the DRECP	III.7-89
III.7-21 Natural Communities and Other Land Covers in the West Mojave and Eastern Slopes Ecoregion Subarea of the DRECP	III.7-91
III.7-22 Important Bird Areas within the Plan Area	III.7-108
III.7-23 Important Bird Areas within the Cadiz Valley and Chocolate Mountains Ecoregion Subarea of the DRECP	III.7-109
III.7-24 Important Bird Areas within the Imperial Borrego Valley Ecoregion Subarea of the DRECP.....	III.7-109
III.7-25 Important Bird Areas within the Kingston and Funeral Mountains Ecoregion Subarea of the DRECP.....	III.7-110
III.7-26 Important Bird Areas within the Mojave and Silurian Valley Ecoregion Subarea of the DRECP.....	III.7-110
III.7-27 Important Bird Areas within the Owens River Valley Ecoregion Subarea of the DRECP.....	III.7-110

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.7-28 Important Bird Areas within the Panamint Death Valley Ecoregion Subarea of the DRECP	III.7-111
III.7-29 Important Bird Areas within the Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea of the DRECP	III.7-111
III.7-30 Important Bird Areas within the Piute Valley and Sacramento Mountains Ecoregion Subarea of the DRECP	III.7-112
III.7-31 Important Bird Areas within the Providence and Bullion Mountains Ecoregion Subarea of the DRECP	III.7-112
III.7-32 Important Bird Areas within the West Mojave and Eastern Slopes Ecoregion Subarea of the DRECP	III.7-117
III.7-33 DRECP Proposed Covered and Planning Species.....	III.7-125
III.7-34 Desert Tortoise Recovery Units in the Plan Area	III.7-127
III.7-35 Mohave Ground Squirrel Important Areas in the Plan Area.....	III.7-166
III.7-36 Covered Species Occurring within the Cadiz Valley and Chocolate Mountains Ecoregion Subarea of the DRECP	III.7-173
III.7-37 Covered Species Occurring within the Imperial Borrego Valley Ecoregion Subarea of the DRECP	III.7-174
III.7-38 Covered Species Occurring within the Kingston and Funeral Mountains Ecoregion Subarea of the DRECP	III.7-175
III.7-39 Covered Species Occurring within the Mojave and Silurian Valley Ecoregion Subarea of the DRECP	III.7-176
III.7-40 Covered Species Occurring within the Owens River Valley Ecoregion Subarea of the DRECP	III.7-177
III.7-41 Covered Species Occurring within the Panamint Death Valley Ecoregion Subarea of the DRECP	III.7-178
III.7-42 Covered Species Occurring within the Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea of the DRECP	III.7-178
III.7-43 Covered Species Occurring within the Piute Valley and Sacramento Mountains Ecoregion Subarea of the DRECP	III.7-180
III.7-44 Covered Species Occurring within the Providence and Bullion Mountains Ecoregion Subarea of the DRECP	III.7-181
III.7-45 Covered Species Occurring within the West Mojave and Eastern Slopes Ecoregion Subarea of the DRECP	III.7-181
III.7-46 Covered and Planning Species' Modeled Habitat and Critical Habitat within the Plan Area.....	III.7-183

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.7-47 Covered and Planning Species’ Modeled Habitat within the Cadiz Valley and Chocolate Mountains Ecoregion Subarea of the DRECP	III.7-185
III.7-48 Covered and Planning Species’ Modeled Habitat within the Imperial Borrego Valley Ecoregion Subarea of the DRECP	III.7-186
III.7-49 Covered and Planning Species’ Modeled Habitat within the Kingston and Funeral Mountains Ecoregion Subarea of the DRECP	III.7-188
III.7-50 Covered and Planning Species’ Modeled Habitat within the Mojave and Silurian Valley Ecoregion Subarea of the DRECP	III.7-189
III.7-51 Covered and Planning Species’ Modeled Habitat within the Owens River Valley Ecoregion Subarea of the DRECP	III.7-190
III.7-52 Covered and Planning Species’ Modeled Habitat within the Panamint Death Valley Ecoregion Subarea of the DRECP	III.7-191
III.7-53 Covered and Planning Species’ Modeled Habitat within the Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea of the DRECP	III.7-192
III.7-54 Covered and Planning Species’ Modeled Habitat within the Piute Valley and Sacramento Mountains Ecoregion Subarea of the DRECP	III.7-194
III.7-55 Covered and Planning Species’ Modeled Habitat within the Providence and Bullion Mountains Ecoregion Subarea of the DRECP	III.7-195
III.7-56 Covered and Planning Species’ Modeled Habitat within the West Mojave and Eastern Slopes Ecoregion Subarea of the DRECP	III.7-196
III.7-57 Special-Status Species Addressed but Not Covered by the DRECP	III.7-198
III.7-58 Designated Critical Habitat Within the DRECP Plan-Wide Area for Non-Covered Species	III.7-225
III.7-59 Non-Covered Species Within the Cadiz Valley and Chocolate Mountains Ecoregion Subarea	III.7-226
III.7-60 Non-Covered Species Within the Imperial Borrego Valley Ecoregion Subarea	III.7-227
III.7-61 Non-Covered Species Within the Kingston and Funeral Mountains Ecoregion Subarea	III.7-229
III.7-62 Non-Covered Species Within the Mojave and Silurian Valley Ecoregion Subarea	III.7-231
III.7-63 Non-Covered Species Within the Owens River Valley Ecoregion Subarea	III.7-233
III.7-64 Non-Covered Species Within the Panamint Death Valley Ecoregion Subarea	III.7-234

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.7-65 Non-Covered Species Within the Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....	III.7-235
III.7-66 Non-Covered Species Within the Piute Valley and Sacramento Mountains Ecoregion Subarea.....	III.7-237
III.7-67 Non-Covered Species Within the Providence and Bullion Mountains Ecoregion Subarea	III.7-238
III.7-68 Non-Covered Species Within the West Mojave and Eastern Slopes Ecoregion Subarea	III.7-240
III.7-69 Acreage of Landscape Habitat Linkages within the Plan Area by Ecoregion Subarea	III.7-248
III.7-70 Landforms within the BLM LUPA in the Plan Area.....	III.7-272
III.7-71 National Hydrography Dataset Waterbodies within the BLM LUPA in the Plan Area	III.7-273
III.7-72 Seeps/Springs within the BLM LUPA in the Plan Area	III.7-273
III.7-73 Major Rivers within the BLM LUPA in the Plan Area.....	III.7-273
III.7-74 Surficial Geology within the BLM LUPA in the Plan Area	III.7-274
III.7-75 Dunes and Sand Resources by Ecoregion Subarea within the BLM LUPA in the Plan Area.....	III.7-274
III.7-76 Distribution of Elevation Ranges in the BLM LUPA.....	III.7-275
III.7-77 Distribution of Slope Ranges in the BLM LUPA.....	III.7-275
III.7-78 Distribution of Aspect in the BLM LUPA	III.7-276
III.7-79 Summary of Natural Communities and Other Land Cover in the BLM LUPA	III.7-276
III.7-80 Covered Species with Occurrences within the BLM LUPA in the Plan Area	III.7-282
III.7-81 Covered and Planning Species’ Modeled Habitat within BLM LUPA	III.7-283
III.7-82 Acreage of Landscape Habitat Linkages within the BLM LUPA by Ecoregion Subarea	III.7-285
III.7-83 Designated Critical Habitat Within the BLM LUPA Lands for Non-Covered Species	III.7-286
III.7-84 Landforms within the GCP in the Plan Area.....	III.7-287
III.7-85 National Hydrology Dataset Waterbodies within the GCP in the Plan Area	III.7-288
III.7-86 Seeps/Springs within the GCP in the Plan Area	III.7-288
III.7-87 Major Rivers within GCP in the Plan Area	III.7-288
III.7-88 Surficial Geology within the GCP in the Plan Area	III.7-289

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.7-89 Dunes and Sand Resources by Ecoregion Subarea in the GCP.....	III.7-289
III.7-90 Distribution of Elevation Ranges in the GCP	III.7-290
III.7-91 Distribution of Slope Ranges in the GCP.....	III.7-290
III.7-92 Distribution of Aspect in the GCP	III.7-291
III.7-93 Summary of Natural Communities and Other Land Cover in the GCP	III.7-292
III.7-94 Covered Species with Occurrences in the GCP ¹	III.7-297
III.7-95 Covered and Planning Species’ Modeled Habitat in the GCP.....	III.7-299
III.7-96 Acreage of Landscape Habitat Linkages in GCP by Ecoregion Subarea	III.7-301
III.7-97 Designated Critical Habitat within the GCP Plan Area for Non-Covered Species	III.7-302
III.7-98 Special Management Areas and Designated Critical Habitat Outside the Plan Area – San Diego Area	III.7-308
III.7-99 Special Management Areas and Designated Critical Habitat Outside the Plan Area – Los Angeles Area	III.7-311
III.7-100 Special Management Areas and Designated Critical Habitat Outside the Plan Area – North Palm Springs–Riverside Area.....	III.7-314
III.7-101 Special Management Areas and Designated Critical Habitat Outside the Plan Area – Central Valley Area.....	III.7-317
III.7-102 Natural Communities Outside of the Plan Area within BLM LUPA Lands	III.7-318
III.7-103 Special-Status Species Outside of the Plan Area on BLM LUPA Lands.....	III.7-319
III.7-104 Critical Habitat for Special-Status Species Within BLM LUPA Lands Outside the Plan Area	III.7-326
III.8-1 Cultural Resources ACECs Within the Plan Area	III.8-70
III.8-2 Sample of Sites From the CDCA Plan.....	III.8-72
III.8-3 Cultural Resources of the BLM LUPA Affected Environment (All Ecoregion Subareas)	III.8-83
III.8-4 Cultural Resources of the GCP Affected Environment (All Ecoregion Subareas)	III.8-84
III.8-5 Ethnographic Groups in the San Diego Area	III.8-86
III.8-6 Cultural Resource Types in the San Diego Transmission Corridor Area	III.8-88
III.8-7 Typical Right-of-Way (ROW) Widths and Linear Impacts of Bulk Transmission to San Diego Area Cultural Resources.....	III.8-88
III.8-8 Impacts of Substation Construction to Cultural Resources in the San Diego Area.....	III.8-88
III.8-9 Ethnographic Groups in the Los Angeles Area	III.8-90

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.8-10 Cultural Resources Types in the Los Angeles Transmission Corridor Area	III.8-91
III.8-11 Typical ROW Widths and Linear Impacts of Bulk Transmission to Los Angeles Area Cultural Resources	III.8-92
III.8-12 Impacts of Substation Construction to Cultural Resources in the Los Angeles Area.....	III.8-92
III.8-13 Ethnographic Groups in the Central Valley Area.....	III.8-94
III.8-14 Cultural Resources Types in the Central Valley Transmission Corridor Area	III.8-95
III.8-15 Typical ROW Widths and Linear Impacts of Bulk Transmission to Central Valley Area Cultural Resources	III.8-95
III.8-16 Impacts of Substation Construction to Cultural Resources in the Central Valley Area	III.8-96
III.8-17 Ethnographic Groups in the North Palm Springs–Riverside Area	III.8-97
III.8-18 Cultural Resources Types in the North Palm Springs–Riverside Transmission Corridor Area.....	III.8-99
III.8-19 Typical ROW Widths and Linear Impacts of Bulk Transmission to North Palm Springs–Riverside Area Cultural Resources	III.8-99
III.8-20 Impacts of Substation Construction to Cultural Resources in the North Palm Springs–Riverside Area.....	III.8-100
III.8-21 Cultural Resources of the BLM LUPA Outside of Plan Area Affected Environment	III.8-100
III.9-1 Tribes with Traditional Ties to Plan Area.....	III.9-14
III.10-1 Potential Fossil Yield Classification System Class Definitions (BLM).....	III.10-8
III.10-2 Assessment of the Paleontological Potential of Rock Units (From the Society of Vertebrate Paleontology)	III.10-11
III.10-3 Generalized PFYC Acres by Ecoregion Subarea	III.10-22
III.11-1 Plan Area Land Status.....	III.11-4
III.11-2 Cadiz Valley and Chocolate Mountains Ecoregion Subarea Summary of Land Use by County (acres)	III.11-26
III.11-3 Imperial Borrego Valley Ecoregion Subarea Summary of Land Use by County (acres).....	III.11-27
III.11-4 Kingston and Funeral Mountains Ecoregion Subarea Summary of Land Use by County (acres).....	III.11-28
III.11-5 Mojave and Silurian Valley Ecoregion Subarea Summary of Land Use by County (acres)	III.11-29

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.11-6 Owens River Valley Ecoregion Subarea Summary of Land Use by County (acres).....	III.11-29
III.11-7 Panamint Death Valley Ecoregion Subarea Summary of Land Use by County (acres).....	III.11-30
III.11-8 Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea Summary of Land Use by County (acres).....	III.11-31
III.11-9 Piute Valley and Sacramento Mountains Ecoregion Subarea Summary of Land Use by County (acres).....	III.11-32
III.11-10 Providence and Bullion Mountains Ecoregion Subarea Summary of Land Use by County (acres).....	III.11-33
III.11-11 West Mojave and Eastern Slopes Ecoregion Subarea Summary of Land Use by County (acres).....	III.11-33
III.11-12 Total Acres of BLM Ownership by Ecoregion Subarea.....	III.11-34
III.12-1 Acres of FMMP Farmland Within the Plan Area—By County*	III.12-4
III.12-2 Acres of FMMP Farmland Within the Plan Area—By Ownership*	III.12-5
III.12-3 Williamson Act Lands Within the Plan Area.....	III.12-18
III.12-4 Acres of Williamson Act Lands and FMMP Farmland Within the Cadiz Valley and Chocolate Mountains Ecoregion Subarea of the Plan Area*	III.12-20
III.12-5 Acres of Williamson Act Lands and FMMP Farmland Within the Imperial Borrego Valley Ecoregion Subarea of the Plan Area*	III.12-25
III.12-6 Acres of Williamson Act Lands and FMMP Farmland Within the Mojave And Silurian Valley Ecoregion Subarea of the Plan Area*	III.12-26
III.12-7 Acres of FMMP Farmland Within the Panamint Death Valley Ecoregion Subarea of the Plan Area*	III.12-27
III.12-8 Acres of Williamson Act Lands and FMMP Farmland Within the Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea of the Plan Area*	III.12-27
III.12-9 Acres of FMMP Farmland Within the Providence and Bullion Mountains Ecoregion Subarea of the Plan Area*	III.12-28
III.12-10 Acres of Williamson Act Lands and FMMP Farmland Within the West Mojave and Eastern Slopes Ecoregion Subarea of the Plan Area*	III.12-29
III.12-11 Williamson Act Contract Lands and Important Farmland Within the GCP.....	III.12-30
III.12-12 Important Farmland Outside the Plan Area.....	III.12-32
III.13-1 BLM Authorized Renewable Energy Rights-of-Way Within the Plan Area (By County)	III.13-8

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.14-1 Designated Wilderness Acres Within the Plan Area by Ecoregion Subarea and Jurisdiction	III.14-15
III.14-2 Wilderness Study Area Acres Within BLM-Administered Lands in the Plan Area by Ecoregion Subarea	III.14-26
III.14-3 ACEC Acres Within BLM-Administered Lands in the Plan Area by Ecoregion Subarea	III.14-31
III.14-4 Wildlife Management Area Acres Within BLM-Administered Lands in the Plan Area by Ecoregion Subarea	III.14-37
III.14-5 BLM-Administered Lands Inventoried for Wilderness Characteristics in the Plan Area by Ecoregion Subarea	III.14-39
III.14-6 Special Recreation Management Area Within BLM-Administered Lands in the Plan Area by Ecoregion Subarea	III.14-43
III.14-7 Multiple-Use Class Acres Within BLM-Administered Lands in the DRECP by Ecoregion Subarea (acres).....	III.14-43
III.14-8 Designated Wilderness Areas Outside the Plan Area	III.14-46
III.14-9 Wilderness Study Areas Outside the Plan Area.....	III.14-47
III.14-10 ACECs Outside the Plan Area.....	III.14-48
III.14-11 Multiple-Use Classes Outside of Plan Area.....	III.14-48
III.14-12 BLM Special Designations, Classifications, Allocations, and Lands With Wilderness Characteristics Outside the Plan Area and Inside the CDCA Boundary (BLM-Administered Lands Only)	III.14-49
III.15-1 Known Geothermal Resource Area and Lease Area Acres by Ecoregion Subarea	III.15-11
III.15-2 Geothermal Plants Within the Plan Area.....	III.15-11
III.15-3 Geothermal Prospects Within the Plan Area	III.15-12
III.15-4 Acres of High Potential Minerals Within the Plan Area	III.15-15
III.15-5 Existing High-Priority Mineral or Energy Locations Within the Plan Area	III.15-16
III.15-6 Rare Earth Element Acres Within the Plan Area by Ecoregion Subarea	III.15-20
III.15-7 Locatable, Leasable, and Mineral Material Acres Within the Plan Area by Ecoregion Subarea	III.15-20
III.15-8 Mineral Resources Outside the Plan Area.....	III.15-27
II.15-9 Mineral Resource Acres for the BLM LUPA Outside the Plan Area—Affected Environment	III.15-31
III.16-1 Grazing Allotments in the Plan Area	III.16-7
III.16-2 Grazing Allotments Outside the Plan Area	III.16-17

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.16-3 BLM LUPA Grazing Allotments Within the CDCA Boundary but Outside the Plan Area.....	III.16-18
III.17-1 Herd Management Areas and Herd Areas Within the DRECP by Ecoregion Subarea (BLM-Administered Lands Only)	III.17-2
III.17-2 Herd Management Areas and Herd Areas Inside the CDCA Boundary but Outside the Plan Area (BLM-Administered Lands Only).....	III.17-9
III.18-1 BLM Special Recreation Management Areas and Other Areas with a Recreation Emphasis Within the Plan Area	III.18-11
III.18-2 Off-highway Vehicle Open and Limited Areas on BLM Land Within the Plan Area	III.18-14
III.18-3 California State Parks Lands Within the Plan Area.....	III.18-17
III.18-4 County Parks and Campgrounds	III.18-20
III.18-5 Acres of Lands Managed for Recreation by Management Agency and Ecoregion Subarea	III.18-21
III.18-6 Acres of Recreation Lands Under the General Conservation Plan by Management Agency	III.18-24
III.18-7 Outdoor Recreation Areas in Transmission Corridors Outside the Plan Area	III.18-45
III.19-1 Transportation in the Cadiz Valley and Chocolate Mountains Ecoregion Subarea	III.19-16
III.19-2 Transportation in the Imperial Borrego Valley Ecoregion Subarea.....	III.19-16
III.19-3 Transportation in the Kingston and Funeral Mountains Ecoregion Subarea	III.19-17
III.19-4 Transportation in the Mojave and Silurian Valley Ecoregion Subarea	III.19-18
III.19-5 Transportation in the Owens River Valley Ecoregion Subarea	III.19-19
III.19-6 Transportation in the Panamint Death Valley Ecoregion Subarea	III.19-20
III.19-7 Transportation in the Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea	III.19-20
III.19-8 Transportation in the Piute Valley and Sacramento Mountains Ecoregion Subarea	III.19-21
III.19-9 Transportation in the Providence and Bullion Mountains Ecoregion Subarea	III.19-22
III.19-10 Transportation in the West Mojave and Eastern Slopes Ecoregion Subarea	III.19-22
III.19-11 Transportation within the CDCA Outside the Plan Area	III.19-28
III.20-1 Visual Resource Inventory Classification Matrix.....	III.20-2

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.20-2	Visual Resource Management Objectives by ClassIII.20-3
III.20-3	Summary of Visual Resources and Visually Important Management Units within the Plan Area (All Ecoregion Subareas) III.20-12
III.20-4	Visual Resources and Visually Important Management Units: Cadiz Valley and Chocolate Mountain Ecoregion Subarea..... III.20-32
III.20-5	Visual Resources and Visually Important Management Units: Imperial and Borrego Valley Ecoregion Subarea III.20-33
III.20-6	Visual Resources and Visually Important Management Units: Kingston and Funeral Mountains Ecoregion Subarea III.20-34
III.20-7	Visual Resources and Visually Important Management Units: Mojave and Silurian Valley Ecoregion Subarea III.20-35
III.20-8	Visual Resources and Visually Important Management Units: Owens River Valley Ecoregion Subarea III.20-35
III.20-9	Visual Resources and Visually Important Management Units: Panamint Death Valley Ecoregion Subarea III.20-36
III.20-10	Visual Resources and Visually Important Management Units: Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea..... III.20-37
III.20-11	Visual Resources and Visually Important Management Units: Piute Valley and Sacramento Mountains Ecoregion Subarea III.20-38
III.20-12	Visual Resources and Visually Important Management Units: Providence and Bullion Mountains Ecoregion Subarea III.20-39
III.20-13	Visual Resources and Visually Important Management Units: West Mojave and Eastern Slopes Ecoregion Subarea III.20-39
III.20-14	Visual Resources and Visually Important Management Units of the BLM LUPA Affected Environment (All Ecoregion Subareas) III.20-41
III.20-15	Visual Resources and Visually Important Management Units of the BLM LUPA Affected Environment Outside the Plan Area (All Ecoregion Subareas) III.20-48
III.21-1	Typical Noise Levels in A-Weighted Decibel Scale..... III.21-12
III.21-2	DRECP Proposed Covered Species III.21-15
III.21-3	Typical Noise Levels in A-Weighted Decibel Scale..... III.21-17
III.22-1	RCRA and CERCLA Hazardous Contamination Sites in Plan Area..... III.22-7
III.22-2	RCRA and CERCLA Hazardous Sites by Ecoregion Subarea..... III.22-30
III.23-1	2013 Population Profile and Projections for the Plan Area..... III.23-10
III.23-2	2013 Housing Profile of the Plan Area Regional and Local Study Areas..... III.23-11
III.23-3	Employment Profile of the Plan Area Regional Study Areas III.23-14

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.23-4 Fiscal Year 2011–2012 Municipal Budgets for Local Governments Within the Plan Area	III.23-18
III.23-5 U.S. Census 2008-2012 ACS1 Environmental Justice Demographics for California and Regional Study Areas.....	III.23-21
III.23-6 Population Profile and Projections for the Transmission Out of Plan Areas	III.23-28
III.23-7 Year 2013 Housing Profile of the Transmission Out of Plan Areas	III.23-28
III.23-8 U.S. Census 2008-2012 ACS1 Environmental Justice Demographics of the Transmission Out of Plan Areas	III.23-29
III.24-1 DOD Land and Airspace Within the Cadiz Valley and Chocolate Mountains Ecoregion Subarea	III.24-14
III.24-2 DOD Land and Airspace Within the Imperial Borrego Valley Ecoregion Subarea	III.24-14
III.24-3 DOD Land and Airspace Within the Kingston and Funeral Mountains Ecoregion Subarea	III.24-17
III.24-4 DOD Land and Airspace Within the Mojave and Silurian Valley Ecoregion Subarea	III.24-17
III.24-5 DOD Land and Airspace Within the Owens River Valley Ecoregion Subarea	III.24-18
III.24-6 DOD Land and Airspace Within the Panamint Death Valley Ecoregion Subarea	III.24-18
III.24-7 DOD Land and Airspace Within the Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....	III.24-19
III.24-8 DOD Land and Airspace Within the Piute Valley and Sacramento Mountains Ecoregion Subarea.....	III.24-19
III.24-9 DOD Land and Airspace Within the Providence and Bullion Mountains Ecoregion Subarea	III.24-20
III.24-10 DOD Land and Airspace Within the West Mojave and Eastern Slopes Ecoregion Subarea	III.24-20
III.24-11 DOD Land and Airspace on BLM Lands Within the California Desert Conservation Area Boundary but Outside of Plan Area.....	III.24-23

TABLE OF CONTENTS (CONTINUED)

Page No.

FIGURES

III.1-1 DRECP Plan Area and Ecoregion Subareas III.1-3

III.1-2a Existing Renewable Energy Projects in DRECP Area (Western Portion)..... III.1-9

III.1-2b Existing Renewable Energy Projects in DRECP Area (Eastern Portion)III.1-11

III.2-1 Federal Class I AreasIII.2-11

III.2-2 Air District BoundariesIII.2-17

III.2-3 Air BasinsIII.2-21

III.2-4 1997 Federal 8-hour Ozone Attainment StatusIII.2-29

III.2-5 2008 Federal 8-hour Ozone Attainment StatusIII.2-31

III.2-6 Federal PM10 Attainment Status.....III.2-33

III.2-7 Federal PM2.5 Attainment Status.....III.2-35

III.2-8 State PM2.5 Attainment StatusIII.2-45

III.2-9 State H₂S Attainment Status.....III.2-53

III.4-1 Surficial Geology III.4-7

III.4-2 Dune Systems and Sand Transport Corridors within the Plan AreaIII.4-19

III.4-3 Potentially Corrosive Soils within the Plan AreaIII.4-23

III.4-4 Earthquake Faults within the Plan Area.....III.4-25

III.4-5 Earthquake Faults within the Imperial Borrego Valley
Ecoregion SubareaIII.4-27

III.4-6 Earthquake Faults within the Kingston and Funeral Mountains
Ecoregion SubareaIII.4-29

III.4-7 Earthquake Faults within the Mojave and Silurian Valley
Ecoregion SubareaIII.4-31

III.4-8 Earthquake Faults within the Owens River Valley Ecoregion SubareaIII.4-33

III.4-9 Earthquake Faults within the Panamint Death Valley
Ecoregion SubareaIII.4-35

III.4-10 Earthquake Faults within the Pinto Lucerne Valley and Eastern Slopes
Ecoregion SubareaIII.4-37

III.4-11 Earthquake Faults within the Providence and Bullion Mountains
Ecoregion SubareaIII.4-39

III.4-12 Earthquake Faults within the West Mojave and Eastern Slopes
Ecoregion SubareaIII.4-41

III.4-13 Peak Horizontal Ground Acceleration within the Plan Area (Lands
with a 10% probability of exceedance within 50 years).....III.4-43

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.5-1 Linear and Areal Surface Water Resources and Watersheds in the Plan Area	III.5-9
III.5-2 Named Water Bodies, Wetlands, and Flood Hazard Areas in the Plan Area	III.5-11
III.5-3 Springs and Wild and Scenic Rivers in the Plan Area	III.5-15
III.5-4 Stream Gages in the Plan Area	III.5-21
III.6-1 Groundwater Basins and Data Availability	III.6-23
III.6-2 Groundwater Basins Coupled or Possibly Tributary to Colorado River.....	III.6-27
III.6-3 Groundwater Basins with Internal Fault Barriers	III.6-31
III.6-4 Distribution of Reported Storage Capacity	III.6-33
III.6-5 Distribution of Average Reported Irrigation and Municipal Well Yields.....	III.6-37
III.6-6 Groundwater Basins That Receive Substantial Surface Water Supplies	III.6-39
III.6-7 Estimated Average Annual Recharge by Ecoregion Subarea Assuming 0- to 15-percent of Precipitation Runoff Becomes Recharge	III.6-43
III.6-8 Springs, Seeps and Playas	III.6-47
III.6-9 Groundwater Basins with Evidence of Hydraulic Interconnection	III.6-51
III.6-10 Cultivated Cropland.....	III.6-53
III.6-11 Developed and Disturbed Lands.....	III.6-55
III.6-12 Well Locations.....	III.6-59
III.6-13 Estimated Groundwater Use.....	III.6-61
III.6-14 Average Groundwater Salinity	III.6-65
III.7-1 Surficial Geology	III.7-13
III.7-2 Hydrology	III.7-15
III.7-3 Natural Communities and Other Land Covers - Subarea Index Map	III.7-35
III.7-4 Natural Communities and Other Land Covers - Cadiz Valley and Chocolate Mountains Subarea	III.7-37
III.7-5 Natural Communities and Other Land Covers - Imperial Borrego Valley Subarea	III.7-39
III.7-6 Natural Communities and Other Land Covers - Kingston and Funeral Mountains Subarea	III.7-41
III.7-7 Natural Communities and Other Land Covers - Mojave and Silurian Valley Subarea	III.7-43
III.7-8 Natural Communities and Other Land Covers - Owens River Valley Subarea	III.7-45
III.7-9 Natural Communities and Other Land Covers - Panamint Death Valley Subarea	III.7-47

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.7-10 Natural Communities and Other Land Covers - Pinto Lucerne Valley and Eastern Slopes Subarea.....	III.7-49
III.7-11 Natural Communities and Other Land Covers - Piute Valley and Sacramento Mountains Subarea	III.7-51
III.7-12 Natural Communities and Other Land Covers - Providence and Bullion Mountains Subarea	III.7-53
III.7-13 Natural Communities and Other Land Covers - West Mojave and Eastern Slopes Subarea.....	III.7-55
III.7-14 North American Migration Flyways	III.7-113
III.7-15 Audubon Important Bird Areas.....	III.7-115
III.7-16 Covered and Planning Species Occurrence Locations - Cadiz Valley and Chocolate Mountains Subarea	III.7-129
III.7-17 Covered and Planning Species Occurrence Locations - Imperial Borrego Valley Subarea	III.7-131
III.7-18 Covered and Planning Species Occurrence Locations - Kingston and Funeral Mountains Subarea.....	III.7-133
III.7-19 Covered and Planning Species Occurrence Locations - Mojave and Silurian Valley Subarea	III.7-135
III.7-20 Covered and Planning Species Occurrence Locations - Owens River Valley Subarea	III.7-137
III.7-21 Covered and Planning Species Occurrence Locations - Panamint Death Valley Subarea	III.7-139
III.7-22 Covered and Planning Species Occurrence Locations - Pinto Lucerne Valley and Eastern Slopes Subarea.....	III.7-141
III.7-23 Covered and Planning Species Occurrence Locations - Piute Valley and Sacramento Mountains Subarea	III.7-143
III.7-24 Covered and Planning Species Occurrence Locations - Providence and Bullion Mountains Subarea	III.7-145
III.7-25 Covered and Planning Species Occurrence Locations - West Mojave and Eastern Slopes Subarea.....	III.7-147
III.7-26 Habitat Linkages and Wildlife Movement Corridors – Ecoregion Subarea Index Map	III.7-249
III.7-27 Habitat Linkages and Wildlife Movement Corridors - Cadiz Valley and Chocolate Mountains Ecoregion Subarea	III.7-251
III.7-28 Habitat Linkages and Wildlife Movement Corridors - Imperial Borrego Valley Ecoregion Subarea	III.7-253

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.7-29 Habitat Linkages and Wildlife Movement Corridors - Kingston and Funeral Mountains Ecoregion Subarea.....	III.7-255
III.7-30 Habitat Linkages and Wildlife Movement Corridors - Mojave and Silurian Valley Ecoregion Subarea.....	III.7-257
III.7-31 Habitat Linkages and Wildlife Movement Corridors - Owens River Valley Ecoregion Subarea	III.7-259
III.7-32 Habitat Linkages and Wildlife Movement Corridors - Panamint Death Valley Ecoregion Subarea	III.7-261
III.7-33 Habitat Linkages and Wildlife Movement Corridors - Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea.....	III.7-263
III.7-34 Habitat Linkages and Wildlife Movement Corridors - Piute Valley and Sacramento Mountains Ecoregion Subarea	III.7-265
III.7-35 Habitat Linkages and Wildlife Movement Corridors - Providence and Bullion Mountains Ecoregion Subarea.....	III.7-267
III.7-36 Habitat Linkages and Wildlife Movement Corridors - West Mojave and Eastern Slopes Ecoregion Subarea.....	III.7-269
III.8-1 Tribal Linguistic Divisions in the Plan Area.....	III.8-37
III.8-2 Tribal Territories in the Plan Area.....	III.8-41
III.8-3 Surveyed Acres by DRECP Ecoregion Subarea	III.8-77
III.9-1 Native American Elements Within the Plan Area.....	III.9-5
III.10-1 Index of Detailed Geologic Mapping Available in Geographic Information System (Vector) Format	III.10-13
III.10-2 Potential Fossil Yield Classification of Geology – Subarea Index Map	III.10-15
III.11-1 Land Ownership in the Plan Area.....	III.11-5
III.12-1 Williamson Act Lands within the Plan Area	III.12-21
III.12-2 Important Farmland within the Plan Area	III.12-23
III.14-1 Wilderness Areas, National Monuments, and National Historic and Scenic Trails Managed by BLM within the Plan Area.....	III.14-19
III.14-2 Wild and Scenic Rivers Managed by BLM within the Plan Area	III.14-23
III.14-3 Wilderness Study Areas within the Plan Area	III.14-29
III.14-4 ACECs and Wildlife Management Areas on BLM-Managed Lands within the Plan Area.....	III.14-35
III.14-5 Lands with Wilderness Characteristics Inventoried by BLM within the Plan Area	III.14-41
III.15-1 Geothermal Resources within the Plan Area.....	III.15-13

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.15-2 Existing High Priority Mineral and Energy Locations within the Plan Area	III.15-17
III.15-3 Rare Earth Element Locations within the Plan Area.....	III.15-23
III.15-4 Locatable, Leasable, and Mineral Material Areas within the Plan Area.....	III.15-25
III.16-1 Grazing District and Grazing Allotments Within the Plan Area	III.16-11
III.16-2 Grazing Allotments Within the BLM Bishop Field Office	III.16-13
III.16-3 Grazing Allotments Within the BLM Bakersfield Field Office	III.16-15
III.17-1 Wild Horse and Burro Herd Areas and Herd Management Areas Within the Plan Area	III.17-5
III.18-1 Recreation Lands in the Cadiz Valley and Chocolate Mountains Ecoregion Subarea	III.18-25
III.18-2 Recreation Lands in the Imperial Borrego Valley Ecoregion Subarea	III.18-27
III.18-3 Recreation Lands in the Kingston and Funeral Mountains Ecoregion Subarea	III.18-29
III.18-4 Recreation Lands in the Mojave and Silurian Valley Ecoregion Subarea....	III.18-31
III.18-5 Recreation Lands in the Owens River Valley Ecoregion Subarea.....	III.18-33
III.18-6 Recreation Lands in the Panamint Death Valley Ecoregion Subarea.....	III.18-35
III.18-7 Recreation Lands in the Pinto Lucerne Valley and Eastern Slopes Ecoregion Subarea	III.18-37
III.18-8 Recreation Lands in the Piute Valley and Sacramento Mountains Ecoregion Subarea	III.18-39
III.18-9 Recreation Lands in the Providence and Bullion Mountains Ecoregion Subarea	III.18-41
III.18-10 Recreation Lands in the West Mojave and Eastern Slopes Ecoregion Subarea	III.18-43
III.20-1 Scenic Quality Rating	III.20-15
III.20-2 Visual Sensitivity Levels	III.20-17
III.20-3 Visual Distance Zones.....	III.20-19
III.20-4 Visual Resource Inventory Classes	III.20-21
III.20-5 Assigned Visual Resource Management Classes.....	III.20-23
III.20-6 National Parks, Preserves, Forests, Trails, and Scenic Byways.....	III.20-25
III.20-7 State Parks and Scenic Highways	III.20-29
III.22-1 Formerly Used Defense Sites (FUDS)	III.22-9
III.22-2 Airports in the Plan Area.....	III.22-11
III.22-3 Fire Protection Facilities in the Plan Area	III.22-19
III.22-4 Law Enforcement Facilities in the Plan Area.....	III.22-21

TABLE OF CONTENTS (CONTINUED)

	<u>Page No.</u>
III.22-5 Landfills in the Plan Area	III.22-27
III.24-1 DOD Installations in the Plan Area.....	III.24-5
III.24-2 Chocolate Mountain Aerial Gunnery Range Land Jurisdiction	III.24-9
III.24-3 Military Operating Areas (MOA) and Military Training Routes (MTR) in the Plan Area	III.24-11
III.24-4 Radar Sites in the Plan Area.....	III.24-15

EXHIBITS

III.10-1 Distribution of Estimated Fossil Yield Potential in the Plan Area.....	III.10-21
III.10-2 Potential Fossil Yield Classification of Geology in the Plan Area.....	III.10-23

INTENTIONALLY LEFT BLANK