K. Index

Agriculture

| Environmental Setting | . D.6-1 |
|------------------------------------|----------|
| Impacts of the Proposed Project | . D.6-40 |
| Impacts of the Alternatives | D.6-57 |
| Mitigation Measures and Monitoring | .D.6-82 |

Air Quality

| Environmental Setting | D.12-1 |
|------------------------------------|---------|
| Impacts of the Proposed Project | D.12-11 |
| Impacts of the Alternatives | D.12-20 |
| Mitigation Measures and Monitoring | D.12-28 |

Alternatives

Section C of the EIR/EIS is devoted to describing the alternatives.
Appendix 1 of the EIR/EIS describes alternatives in detail.
Each part of Section D presents analysis of each alternative by issue area.
Screening of the Alternatives Section C and Appendix 1
Description of the Alternatives: Section C and Appendix 1
Alternatives Considered but Eliminated from Detailed Analysis: Section C.5 (pages C-8, C-30) and Appendix 1 (page Ap.1-13)
Comparison of the Consequences of Each Alternative: Section E

Archaeological Resources

See Section D.3, Cultural Resources

| Arizona | Corporati | on Commission | ıA-9 |
|---------|-----------|---------------|------|
|---------|-----------|---------------|------|

Biological Resources

| Environmental Setting | D.2-1 |
|------------------------------------|---------|
| Impacts of the Proposed Project | |
| Impacts of the Alternatives | D.2-175 |
| Mitigation Measures and Monitoring | D.2-271 |

California Public Utilities Commission A-5, A-18

Climate and Meteorology

See Section D.11, Air Quality

Contamination (Hazardous Materials)

| Environmental Setting | D.10-1 |
|------------------------------------|---------|
| Impacts of the Proposed Project | D.10-12 |
| Impacts of the Alternatives: | D.10-20 |
| Mitigation Measures and Monitoring | D.10-58 |

Cultural and Paleontological Resources

| Environmental Setting | D.7-1 |
|------------------------------------|---------|
| Impacts of the Proposed Project | D.7-36 |
| Impacts of the Alternatives: | D.7-89 |
| Mitigation Measures and Monitoring | D.7-125 |

Cumulative Effects

Section F of the EIR/EIS is devoted to cumulative effects

Economics

See Section D.14, Socioeconomics

Comparison of Alternatives See Section E

Endangered Species See Section D.2, Biological Resources

Electric and Magnetic Field (EMF)

Environmental Setting......D.10-25

Environmental Analysis

Section D.1 of the EIR/EIS describes approach and methodology. Each part of Section D describes methodology specific to the discipline addressed.

| Geology, Mineral Resources, Soils (Sec | tion D.13) |
|--|------------|
| Environmental Setting | D.13-1 |
| Impacts of the Proposed Project | D.13-39 |
| Impacts of the Alternatives: | D.13-54 |
| Mitigation Measures and Monitoring | D.13-70 |
| Growth Inducing Effects | G-28 |

Historic Sites See Section D.7, Cultural Resources

Hydrology

See Section D.12, Water Resources

| Land Use (Section D.4) | |
|-------------------------------------|--------|
| Environmental Setting | D.4-1 |
| Impacts of the Proposed Project | D.4-30 |
| Impacts of the Alternatives: | D.4-43 |
| Mitigation Measures and Monitoring. | D.4-59 |

Mineral Resources

See Geology, Mineral Resources, and Soils (Section D.13)

Mitigation Measures

Each part of Section D presents mitigation measures, as required

Mitigation Monitoring

Section H of the EIR/EIS addresses Mitigation Monitoring

| No Action Alternative | C-60 |
|---------------------------------|--------|
| Noise (Section D.8) | |
| Environmental Setting | D.8-1 |
| Impacts of the Proposed Project | D 8-25 |

| impacts of the Proposed Project | . D.0-23 |
|------------------------------------|-----------------|
| Impacts of the Alternatives: | . D.8-33 |
| Mitigation Measures and Monitoring | . D.8-46 |

| No Project Alternative C- | 60 |
|---------------------------|----|
|---------------------------|----|

Paleontological Resources

See Cultural and Paleontological Resources (Section D.7)

Permits A-21

Public Health and Safety (Section D.10) See Contamination (Sections D.10.1 to D.10.10) and EMF (Sections D.10.11 to D.10.12)

Public Meetings I-1, I-6

Purpose and Need for the Project A-7

Recreation

See Wilderness and Recreation, Section D.5

| Scoping I- | 1 |
|------------|---|
|------------|---|

Significant Environmental Effects G-33

Significant Irreversible and Irretrievable Changes G-28 Socioeconomics (Section D.14) Environmental Setting......D.14-1 Impacts of the Proposed Project.....D.14-26 Impacts of the Alternatives:D.14-38 Mitigation Measures and MonitoringD.14-47

Soils

See Geology, Mineral Resources, and Soils (Section D.13)

Transmission Economic Assessment Methodology (TEAM)

See Section A.1.4 (page A-5)

Threatened and Endangered Species

See Section D.2, Biological Resources

| Transportation and Traffic (Section D.9 |)) |
|---|------------|
| Environmental Setting | D.9-1 |
| Impacts of the Proposed Project | |
| Impacts of the Alternatives: | D.9-31 |
| Mitigation Measures and Monitoring | |
| Visual Resources (Section D.3) | |
| Environmental Setting | D.3-1 |
| Impacts of the Proposed Project | |
| Impacts of the Alternatives: | D.3-157 |
| Mitigation Measures and Monitoring | |
| Water Resources (Section D.12) | |
| Environmental Setting | D.12-1 |
| Impacts of the Proposed Project | |
| Impacts of the Alternatives: | D.12-20 |
| Mitigation Measures and Monitoring | |
| | |

Wetlands and Floodplains

See Biological Resources (Section D.2)

Wilderness and Recreation (Section D.5)

| Environmental Setting | D.5-1 |
|------------------------------------|--------|
| Impacts of the Proposed Project | D.5-11 |
| Impacts of the Alternatives: | D.5-20 |
| Mitigation Measures and Monitoring | D.5-28 |