Military Perspective

&

Report out of 30 AUG Session
Key Southwest Operation Areas

<table>
<thead>
<tr>
<th>States</th>
<th>MTR Acreage (0-500 Foot Floor)</th>
<th>SUA Acreage (0-500 Foot Floor)</th>
<th>Critical Ops Area*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arizona</td>
<td>≈ 20 M Acres</td>
<td>≈ 6 M Acres</td>
<td>≈ 27 M Acres</td>
</tr>
<tr>
<td>California</td>
<td>≈ 24 M Acres</td>
<td>≈ 12 M Acres</td>
<td>≈ 46 M Acres</td>
</tr>
<tr>
<td>Colorado</td>
<td>≈ 9 M Acres</td>
<td>≈ 3 M Acres</td>
<td>≈ 12 M Acres</td>
</tr>
<tr>
<td>Nevada</td>
<td>≈ 32 M Acres</td>
<td>≈ 18 M Acres</td>
<td>≈ 58 M Acres</td>
</tr>
<tr>
<td>New Mexico</td>
<td>≈ 46 M Acres</td>
<td>≈ 12 M Acres</td>
<td>≈ 58 M Acres</td>
</tr>
<tr>
<td>Utah</td>
<td>≈ 5 M Acres</td>
<td>≈ 9 M Acres</td>
<td>≈ 14 M Acres</td>
</tr>
</tbody>
</table>
Naval Air Facility El Centro
Training & Target Ranges

PROPOSED HOLTVILLE AIRPORT EXPANSION

Naval Special Warfare Area

NAFEC

NAFEC Area of Operations

Restricted Use Airspace

MOA

Aerial Gunnery Range

Highway

County Border

International Border

SALTON SEA

KANE WEST MOA, CA

KANE EAST MOA, CA

KANE SOUTH MOA, CA

ABEL SOUTH MOA, CA

ABEL EAST MOA, CA

ABEL NORTH MOA, CA

RIVERSIDE COUNTY

IMPERIAL COUNTY

U.S. BORDER

NAF El Centro

Training Ranges
(R-2510 and R-2512)
And Associated Target Ranges
Encroachment Challenges

Realistic Training & Testing Areas Are Being Impacted From:

- Siting of Incompatible Renewable Energy Projects in Military Operational Areas
- Siting of Incompatible Urban Developments in Military Operational Areas

Military Supports Renewable Energy and Economic Development Compatible with Military Operations

Impacts

- Degraded/Loss of Full Capabilities in Certain Test & Training Areas
- Program Slippage/Increased Cost
- Less Capability Delivered to the Warfighter
- Loss of Rapid Response Capability for Certain Systems
- Challenges to Fielding New/Upgraded Radar and Weapons Systems
Correlating Interests & Opportunities

Military Needs
- Training for Deployment
- Qualification & Certification
- Testing & Evaluation

Regional/State Needs
- Renewable Energy
- Population Growth
- Economic Development
- Quality of Life

Challenges
- Physical Obstruction
- Electromagnetic Interference
- NIMBY

Local Agencies
State Agencies
Multi-State & Federal

Competing Interests
DOD Operational Requirements
Creative Solutions, Cooperative Attitude, and Sustained Dialogue
Purpose: On-going collaborative initiative amongst stakeholders to share perspectives issues, challenges, strategies, and plans for geothermal development in the Imperial Valley.

Session Overview:

- Attended by 30 people representing local, State and Federal agencies, and representatives from the geothermal industry
- Key Perspectives Shared
  - Opportunities – Strong synergy for proactive and deliberate planning in Salton Sea restoration, conservation initiatives and compatible geothermal development
  - Risk – With exploration/development and inconsistent permitting/development timelines, there are many front-loaded risks that make many projects unfeasible.
  - Permitting – There is no streamlined or consistent permitting process in California.
  - Transmission - Existing and proposed infrastructure is lacking

Next Steps:

- Agency/Industry Group will reconvene in early DEC 2016
  - Continue efforts to establish complimentary initiatives with CA State and Fed agencies to leverage resources and create actionable steps