



Nevada Army National Guard

Nevada JMAC

Super Solar Project Phase One

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NVARNG CFMO/Environmental





NVARNG Super Solar Phase 1

- Three sites; Carson City, Las Vegas
- 3.4mw Solar PV on parking structure
- 20 yr PPA at fixed rate
- Covered shaded POV parking for soldiers
- Will provide PV at reduced costs compared with escalating utility rates
- The Guard achieves 60% energy sourced from renewable, well exceeding RPS 25%



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Update- Project Timeline

- Power Purchase Agreement – State BOE Approved Sept 09
- Build and deploy rapidly – seize current benefit opportunities – Nov 09 Construction start
- Nevada and Guard as national leader in renewables, assist NGB with TNG and model
- Eco development outreach –Guard and community- bolster NV oportunties





Solar Project Benefits

- To meet NGB eMS and Sustainability goals
- Significantly reduces/re-directs energy expenditures
- Uses private Investment funding, reduces traditional revenue stream requirements –
“Governor...public/private cooperation”
- Nevada Guard to lead community in green renewable initiatives, helping Nevada agencies, commercial, and other Guard states
- Enhance mission readiness through TNG lands sustainability
- The right thing to do, right time, right place



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NVARNG Renewable Upcoming Projects

- Phase 2 Solar PV project in LV to provide 30 to 40mw of Solar Power to assist with surpassing statewide RPS and NGB mandates, along with providing for an encroachment buffer on training lands
- FY10 Rural armories Solar PV-Geothermal-APPROVED
- Washoe Co Readiness Center- Wind/Solar Hybrid project FY11



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