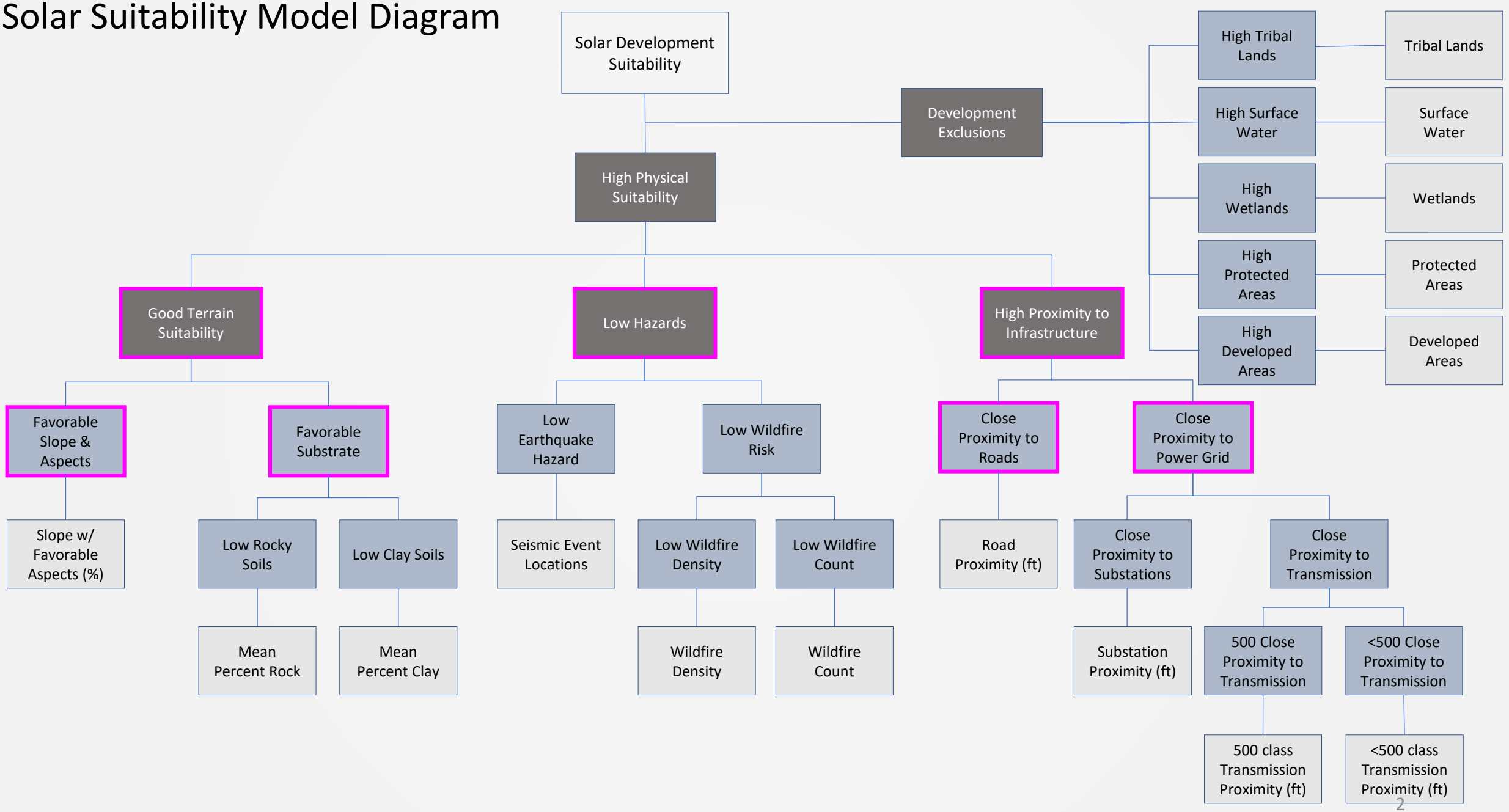
Solar Development Mapping Group Update

Presented by Emily Griffith, Strategic Engagement Manager, Renewable Northwest

Goal: Produce a map that illustrates the relative suitability of lands for utility scale solar development based on general, mappable criteria.

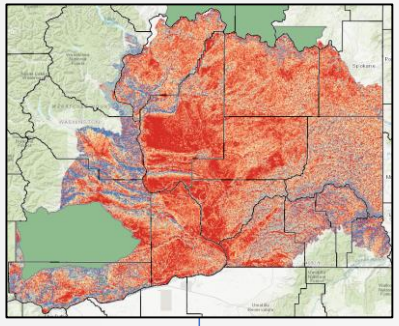
Solar Suitability Model Diagram



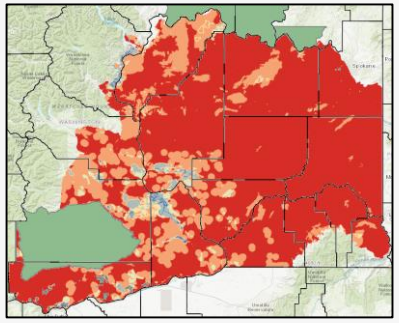
Solar Development Suitability

Very High
High
Moderately High
Slightly High
Slightly Low
Moderately Low
Low
Very Low

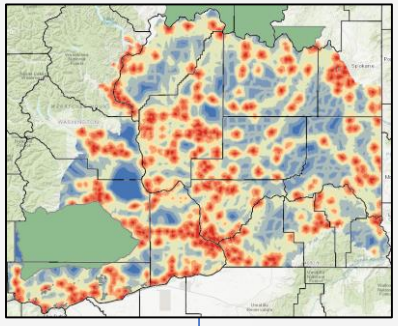
Good Terrain

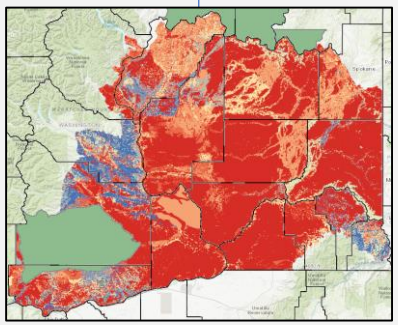


Low Hazards

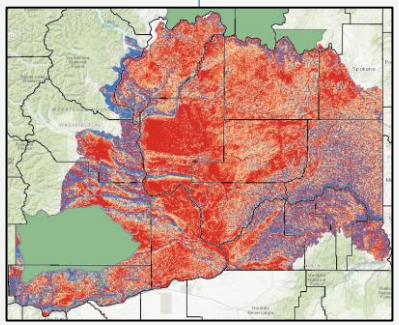


Proximity to Infrastructure

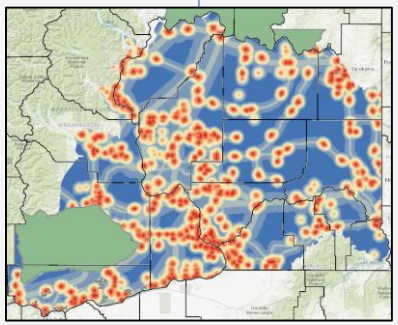




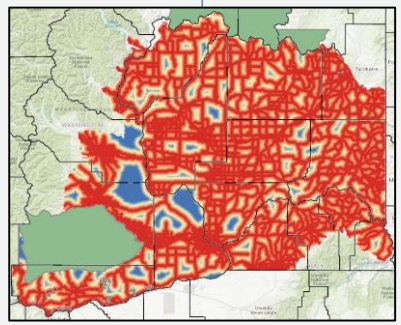
Favorable Substrate



Favorable Slope/Aspect

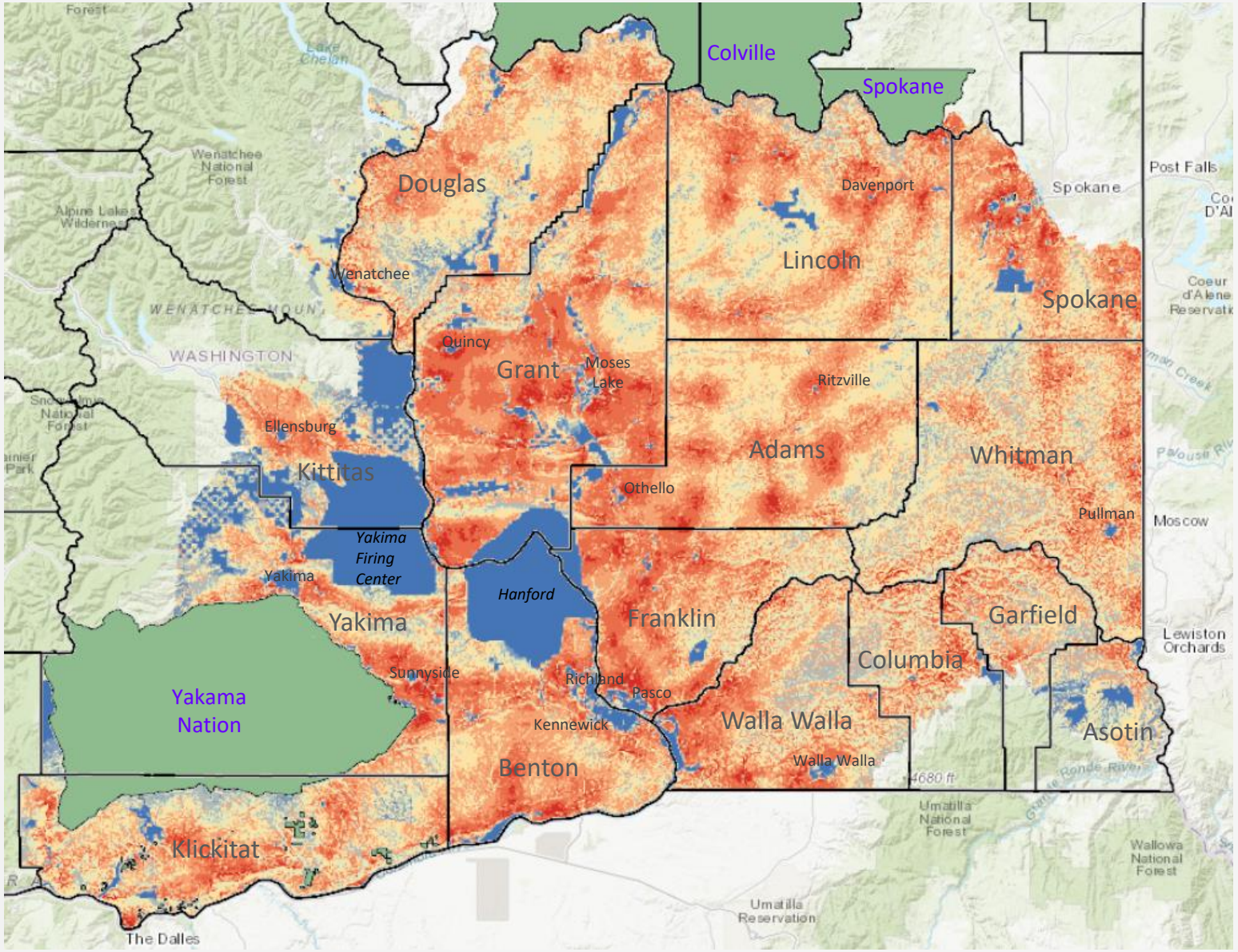


Proximity to Power Grid



Proximity to Roads

Solar Development Suitability Review Draft

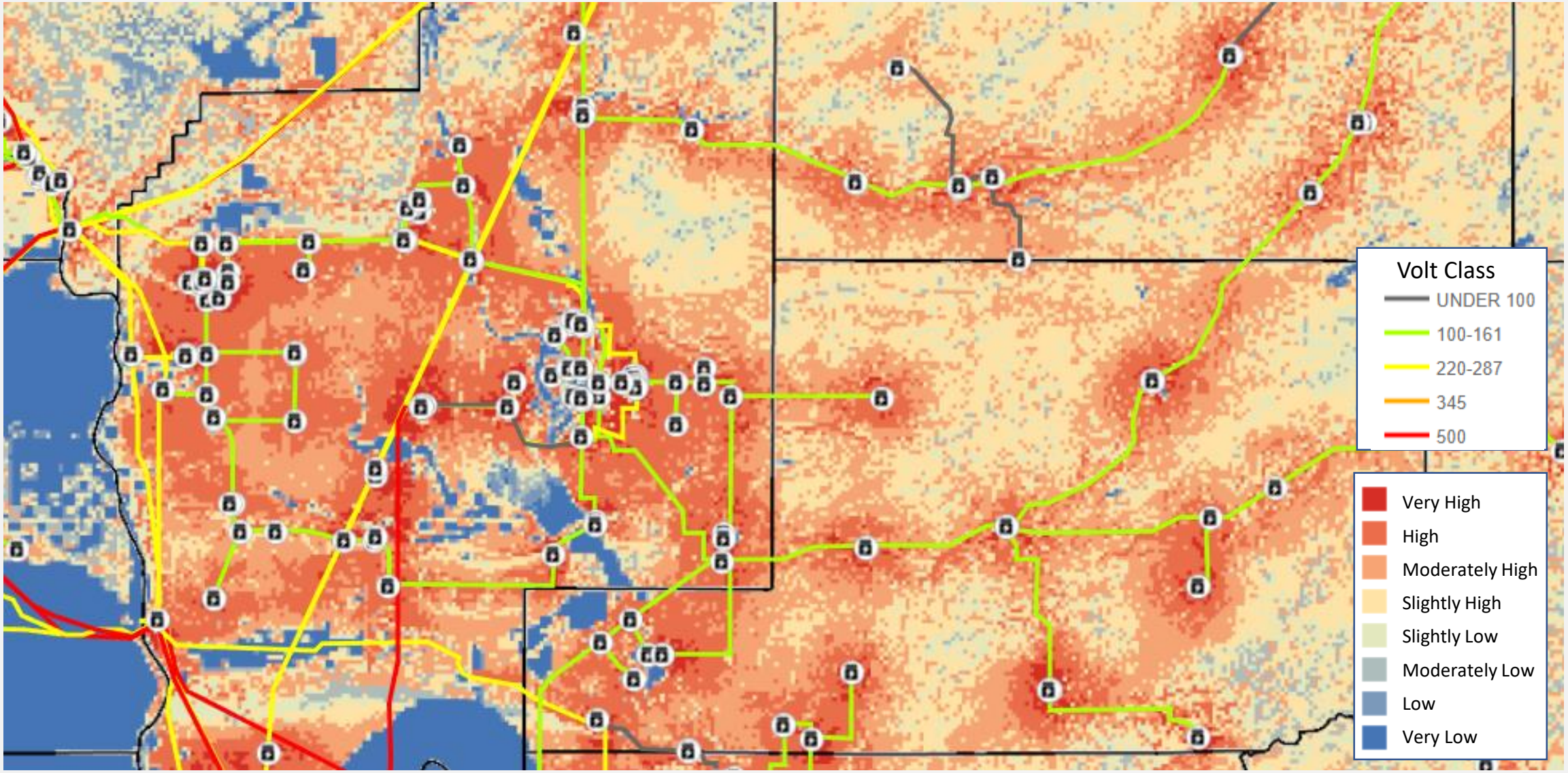


Solar Development Suitability

- Very High
- High
- Moderately High
- Slightly High
- Slightly Low
- Moderately Low
- Low
- Very Low

Dev Suitability	Acres	Percent
Very High	429,098	3.01%
High	2,519,544	17.69%
Moderately High	3,854,282	27.06%
Slightly High	3,207,238	22.52%
Slightly Low	1,906,044	13.38%
Moderately Low	861,161	6.05%
Low	286,148	2.01%
Very Low	1,178,506	8.27%

Solar Suitability Review Draft



Other Considerations

- Environmental Constraints/Concerns
- Department of Defense Concerns
- Tribal Considerations Outside of Reservations
- Socioeconomic Considerations

Next Steps

- Share with colleagues and others for review and comment
- Make final model refinements