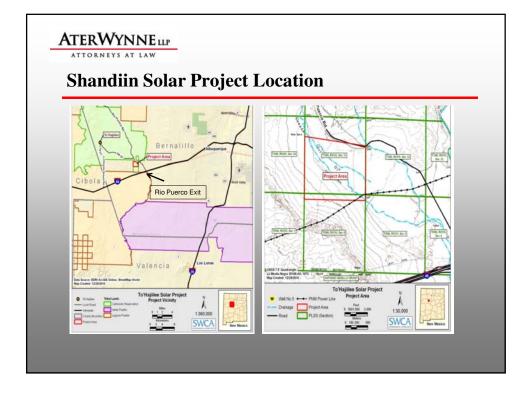
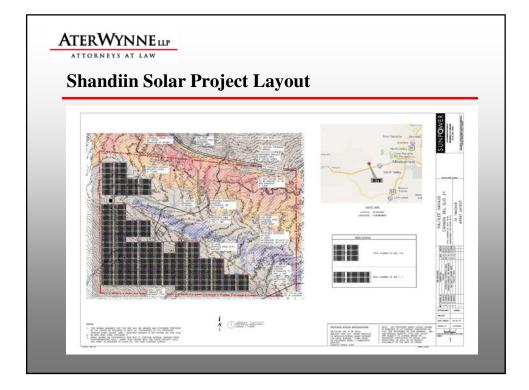


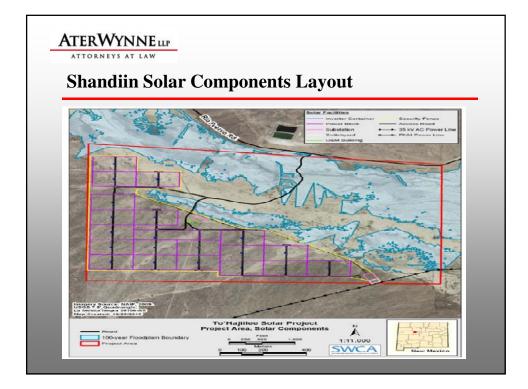


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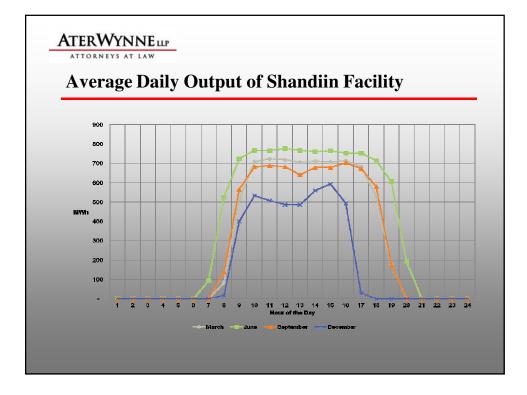
ATERWYNNE ATTORNEYS AT LAW **Project Details** • 30 MW project located on 195 acres in western Bernalillo County – 1.8 miles NW of the intersection of Interstate 40 and Rio Puerco Road on CBN trust land Twenty 1.5 MW blocks, each approximately 7.2 acres. Each block consists of 18 rows of forty 425 watt solar panels • Each block includes inverters and transformers stepping up to 34.5 kV are located on concrete pads with a $12^{\circ}X$ 24° footprint • The medium voltage circuits carry power underground to a proposed substation located next to the PNM 115-kV **Bluewater transmission line** A 30,000 square foot substation will include a switchyard, main transformer and a control room to house communication and equipment necessary to interconnect to the PNM system







Shandiin Project Development Schedule							
Date		Milestones					
• :	5/27/2011	Finding of No Significant Impact					
•	5/19/2011	Interconnection Application					
• 9	9/21/2011	System Impact Report					
•	1/24/2012	Facilities Study					
• (3/24/2012	Large Generator Interconnection Agreement					
• (6/22/2012	Complete Financing					
• (6/30/2012	Register Project with WREGIS					
•	8/21/2012	Begin Construction					
•	12/19/2012	Required Network Upgrades					
	4/18/2013	Begin Final Project Commissioning					
	5/18/2013	Commercial Operation Date					



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First	Y ear	Outpu	t of Sha	ndiin Solar	
Time Range	Daylight	Gh	AC Energy		
Time Range	Hours	(kWh/m ² /day)	(kWh)	Itemized Annual Energy Losses	%
Jan	308.0	3.13	4,697,983	Shading Loss	0.00
Feb	301.1	4.17	5.360.671	Soiling Loss	-1.00
Mar	366.1	5.32	7,199.677	Angle-of-Incidence Loss	-0.72
Apr	387.2	6.73	8.167.512	Air Mass Adjustment	-0.13
Mav				Operating Temperature Adjustment	-5.01 -0.75
	428.9	7.55	8,893,741	Efficiency vs. Irradiance Adjustment Module Flash Adjustment	-0.75
Jun	429.5	8.19	9,175,338	Module Mismatch Loss	-1.00
Jul	437.5	7.61	8,710,780	DC Wiring Loss	-1.50
Aug	413.3	6.67	8,031,983	Inverter DC Limit Loss	0.00
Sep	368.8	5.80	7,211,531	Inverter Efficiency Adjustment	-1.83
Oct	347.0	4.48	6,077,404	Inverter AC-Capacity Clipping Loss	-1.99
Nov	306.5	3.56	4,959,542	Transformer Efficiency Loss (Day)	-1.40
Dec	300 5	3.07	4,700,477	Transformer Efficiency Loss (Night)	-0.30
Year 1	4,394.3	5.53	83,186,639	AC Wiring Loss Site Shading Loss	-0.90
Shandiin	1,00 110	0100	0011001000	Auxiliary Load Loss	-0.30
Shandiin Simulation	4,394.3	5.53	83,186,639		
Simulation				Annual Availability	98.00

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Shandiin Project Pricing Options Model

- Three alternative offerings available
 - Direct purchase of project upon commercial operation.
 - 25 year PPA based on utility credit rating
 - 25 year PPA based on credit enhancement through a federal government 20 year direct loan or loan guarantees
- Turnkey project sale/100% utility ownership
 - Sale price upon commercial operation \$129,000,000.
 - Annual O&M at \$800,000 for first year escalating at 3% annually
- 25 year PPA based on utility's existing credit rating.
 - First year PPA rate of \$91.00/MWh, escalating at \$1.00/MWh per year
- Pricing does not include seller's costs associated with any required transmission upgrades

ATERWYNNE ATTORNEYS AT LAW **Options – Hybrid PPA & Tax Exempt Bond** Economics of transaction may be enhanced by the prepayment of the PPA by the load serving municipality utility selling tax exempt bonds to prepay its obligations 2005 Energy Act permits load serving municipal utilities to sell tax exempt bonds to prepay an electricity PPA or a natural gas delivery contract Ownership would have to reside in a private entity. Pre-pay bonds would not invalidate ITCs or depreciation • Structure will permit 30% to 40% of project costs to be offset by Section 1603 Cash Grant or ITC and monetization of depreciation to a tax equity investor

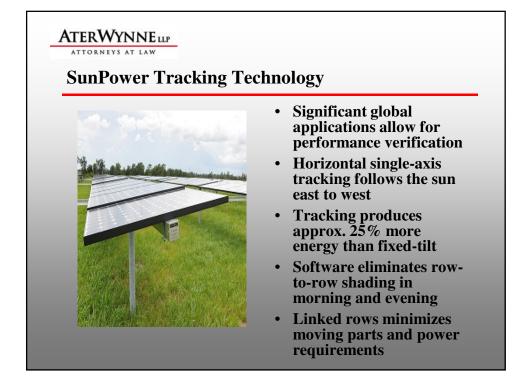
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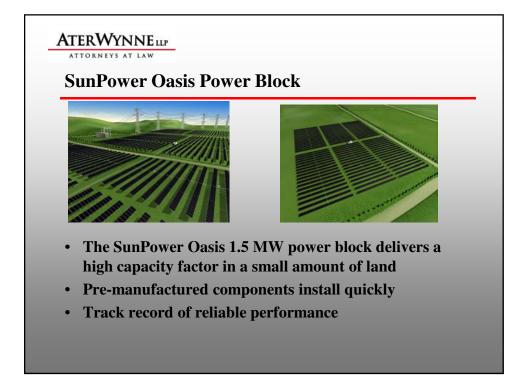
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PPA and Tax Exempt Bond, cont.

- Municipal utility sells tax exempt bonds to prepay PPA with private energy company
 - Prepayment amount is calculated by present valuing the cash flows of the PPA using a discount factor somewhere between the private company's borrowing rate and the Municipal Utility's tax exempt borrowing rate
- Since there is a tangible asset (renewable energy project), the prepayment of the PPA may be secured by a first lien position on the asset and the power produced







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