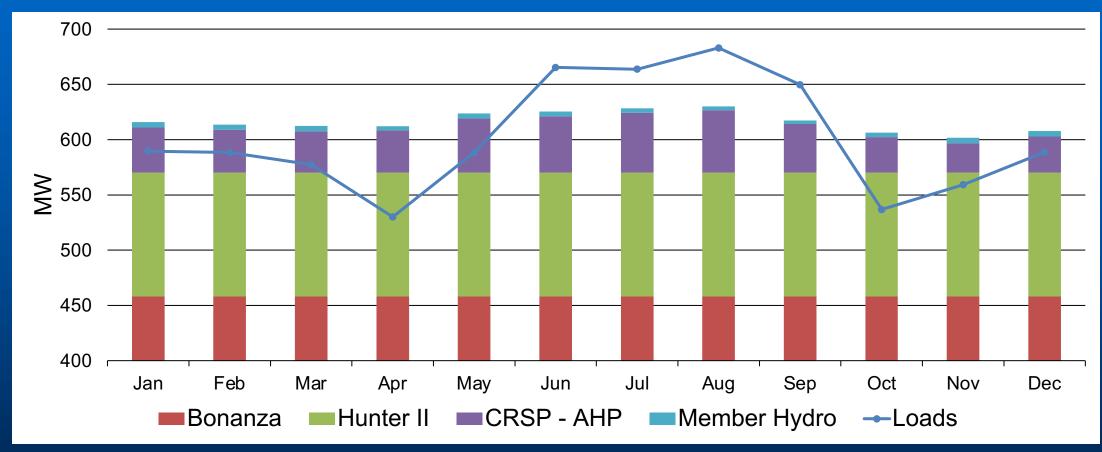
NEW GENERATION

DECEMBER 2021



2022 - Loads and Resource Capacity

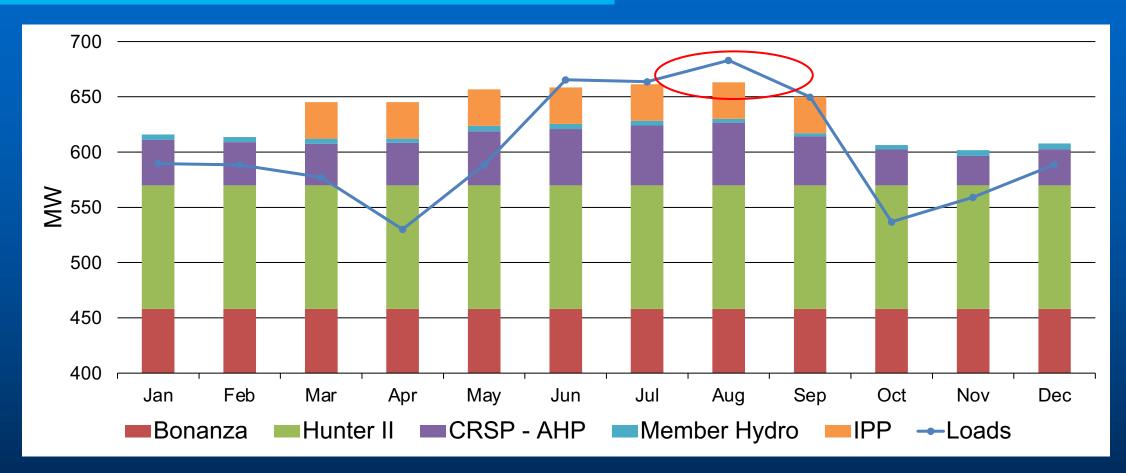






2022 – Loads and Resource Capacity

With IPP Withdrawal







Executive SummaryConclusions

- Summertime Expected Peak System Demand will exceed Expected Generation Capacity by Approx. 20 MW in Summer 2022
- Baseload Resource will Suffice to Satisfy Demand During Most Hours
- St. George Area is Best Option to Locate Gas Recip's in time for Summer 2022
- Cost of Solar (PV) Appears to be about 30% Above the 2022 Tier 2
 Member Growth Rate

ELECTRICITY PRICES PROJECTED TO BE SIGNIFICANTLY HIGHER DURING 2022

Palo Verde Day-Ahead On-peak and Off-peak Fixed Price Future (ICE)

Average of first five Trade Dates of September 2021 for Calendar Year 2022

Date	PVM On Peak	OVP (Off Peak)	
1/1/22	65.88	61.03	
2/1/22	•	52.79	
3/1/22		§	
4/1/22	•	&	
5/1/22		8	
6/1/22	•	<u> </u>	
7/1/22		8	
8/1/22	200.66	69.86	
9/1/22	126.61	55.71	
10/1/22	53.44	46.59	
11/1/22	41.42	41.22	
12/1/22	43.1	42.55	
Average Forward Price	2022 CY	\$ 68.90	
Avg. Historical Price	2019-20	\$ 33.62	
Avg. Historical Price	2020-21	\$ 47.10	
Avg. Historical Price (2	2019-21	\$ 40.35	

46% increase Year-over-Year



GAS RECIPS

CAT-WHEELER TURN KEY PROJECT

GOOD TRACK RECORD IN THE STATE ETC

4 to 6 UNITS (2.5 MW each) with SCR (10-15 MW Total)

GAS LOCATION OPTIONS

			Pipeline Interconnection	Gas Available	Altitude Heat Rate	Transmission Cost	Minimum Load Size
Member Service Area	Locations Considered	Gas in Area	Cost	Within 9 Months	Penalty	Savings	Limitation <15 MW
			•				
DG&T	Bonanza	Yes	\$10-12M	No	Yes	Minimal	none
Moon Lake	Rangely	Yes	Minimal	Yes	Yes	Minimal	none
	Red Wash	Yes	\$3-4M	No	Yes	Minimal	none
	Raw Water	Yes		No	Yes	Minimal	none
	Upalco	Yes			Yes	Minimal	none
	'	<u>'</u>					
Dixie	Ft Pierce Industrial Park	Yes	Minimal	Yes	No, BUT summertime ambient temp. degradation	YES	none
	ı						
Mt Wheeler	McGill	No Gas	N/A	No	n/a	Minimal	none
	Spring Valley	No Gas	N/A	No	n/a	Minimal	yes
Bridger Valley	MGR?	Yes		Unknown	Yes	YES	yes
	Granger	Yes	\$1.5-2.5M	No	Yes	YES	
	ı						
Garkane	Kanab	No Gas	N/A	No	n/a	YES	yes
					Yes /		
	Twin Cities	Yes	Minimal	No/Uncertain	Somewhat	YES	yes
	Sigurd			No/Uncertain	Yes	Minimal	yes



RANGELY LOCATION CHALLENGES

 Land Acquisition Uncertain Given Timeline for Summer 2022

- Wintertime Construction/Less Populated Area Means Wheeler May Not Guarantee Completion Schedule
- Altitude Penalty on kW Output



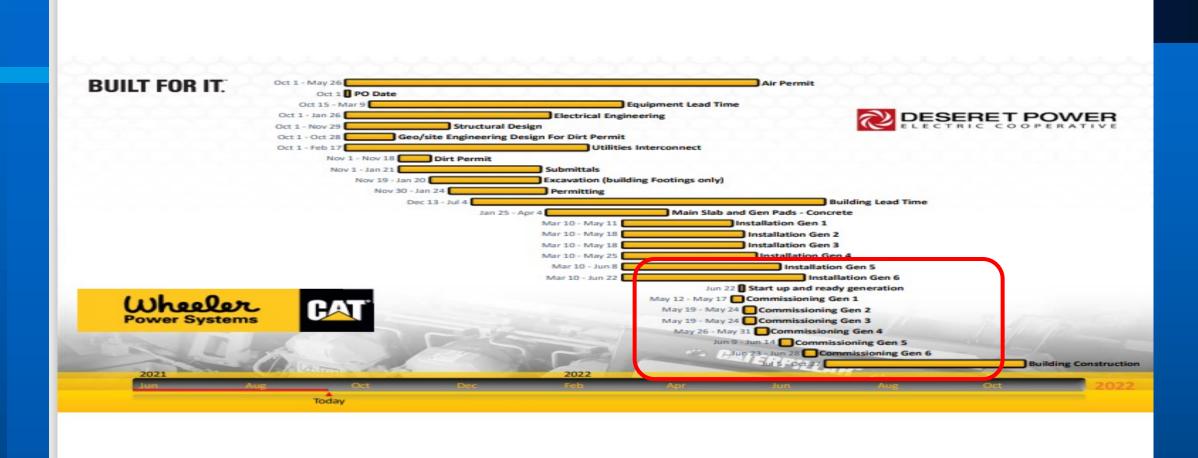
St. GEORGE SITE LOCATION



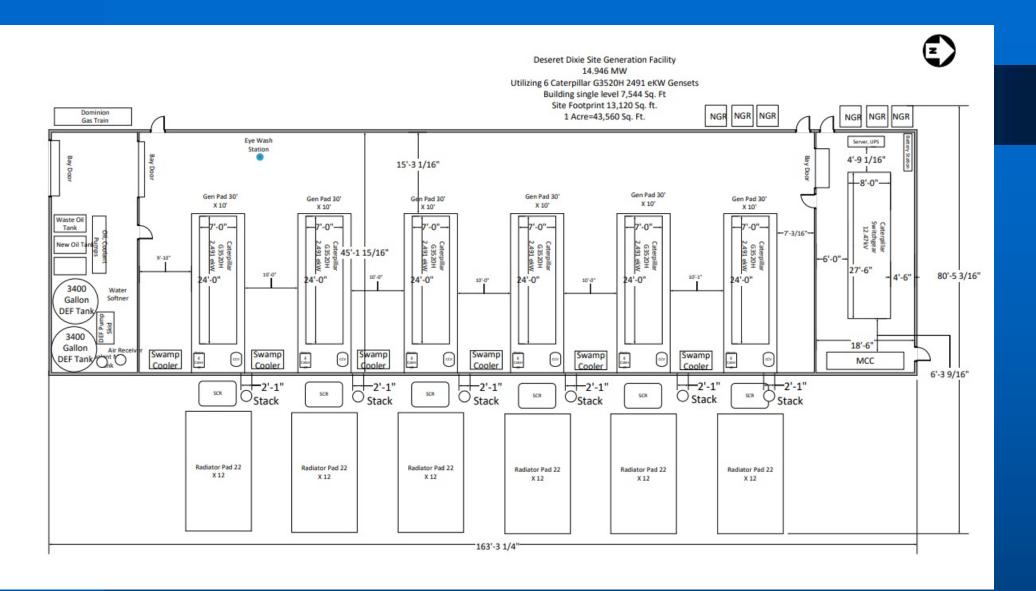
- Ft. Pierce Industrial Park
- Existing Gas on Site
- Minimal Interconnect
- Minimal Land/Site Prep Cost
- Adequate Local Load
- Transmission Co-Benefit
- High Confidence Permitting



SCHEDULE – ONLINE OPERATIONAL 6/1/22





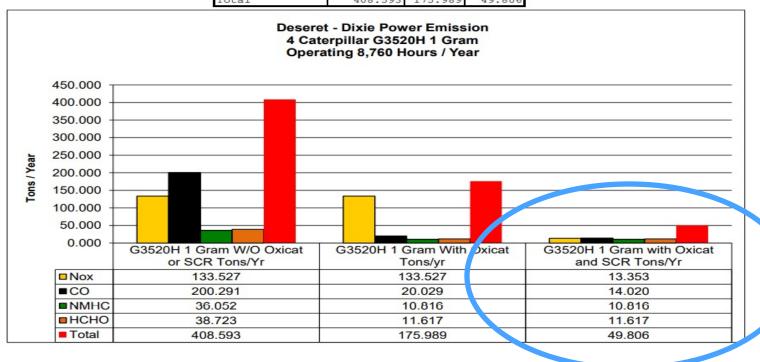






LOW EMITTING – FAST TRACK PERMITTING

	400000000000000000000000000000000000000	2	G3520H 1
	G3520H 1	G3520H 1	Gram
	Gram W/O	Gram	with
	Oxicat or	With	Oxicat
	SCR	Oxicat	and SCR
	Tons/Yr	Tons/yr	Tons/Yr
Nox	133.527	133.527	13.353
CO	200.291	20.029	14.020
NMHC	36.052	10.816	10.816
HCHO	38.723	11.617	11.617
Total	408.593	175.989	49.806





CONSTRUCTION/CAPITAL COST

BUDGETARY 15 MW	DIXIE	
TOTAL CAPITAL 15 MW (6-2.5 mw UNITS)		
ENGINES AND ANCILLARY	\$16,772,102.41	
BUILDING	\$2,700,000.00	
TRANSMISSION INTER-TIE	\$500,000.00	
LAND PURCHASE	\$0.00	
GAS INTER-TIE	\$150,000.00	
AIR PERMIT	\$25,000.00	
SITE PREP	\$250,000.00	
SUB TOTAL	\$20,397,102.41	
EXTENDED 5 YR WARRANTY-10,000 HRS	\$400,000.00	
TOTAL	\$20,797,102.41	



VARIABLE FUEL & OPERATING COST

	G3520H	8883 HR	HHV				
GAS PRICE	\$3.00	\$3.50	\$4.00	\$4.50	\$5.00	\$5.50	\$6.00
ITEM:							
FUEL	\$26.65	\$31.09	\$35.53	\$39.97	\$44.42	\$48.86	\$53.30
FUEL TRANSPORT \$0.90/DTH	\$7.99	\$7.99	\$7.99	\$7.99	\$7.99	\$7.99	\$7.99
MAINTENANCE CONTRACT ^{1,2}	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00
SCR UREA	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00
TOTAL OPERATING/MWH	\$51.64	\$56.09	\$60.53	\$64.97	\$69.41	\$73.85	\$78.29



Proforma PROJECT COSTS/SAVINGS 2022 - \$4.70 Gas

(Initial 7Months from Startup)

Based on Palo Verde Day Ahead On-Peak and Off-Peak Prices for CY2022

First 5 Trading Days of September 2021

		Net		Self-Supply			
		Operating		Spinning		Transmission	
			Revenue		Reserves	Savings	
Jun		\$	108,389	\$	45,883	\$	14,043
Jul		\$	762,858	\$	51,920	\$	14,043
Aug		\$	776,589	\$	47,090	\$	14,043
Sep		\$	319,194	\$	48,298	\$	14,043
Oct		\$	(8,436)	\$	105,584	\$	14,043
Nov		\$	(15,648)	\$	102,113	\$	14,043
Dec		\$	(14,640)	\$	105,584	\$	14,043
		_					
		\$	1,928,306	\$	506,471	\$	98,303
	Total N	let C	Operating Reve	enue (2022)		\$	2,533,080
	less: 25	yr [Debt Service (7	'-mo	@3.5%)	\$	(782,189)
		Tax	ces & Insuranc	e (pa	art year)	\$	(206,900)
		net	t cashflow			\$	1,543,990



Proforma PROJECT COSTS/SAVINGS 2022 - \$6.00 Gas

(Initial 7Months from Startup)

Based on Palo Verde Day Ahead On-Peak and Off-Peak Prices for CY2022

First 5 Trading Days of September 2021

			.		- IC C I		
		Net		Self-Supply			
		Operating Spinning		Spinning	Tr	ansmission	
			Revenue		Reserves	Savings	
Jun		\$	47,736	\$	45,883	\$	14,043
Jul		\$	704,538	\$	51,920	\$	14,043
Aug		\$	713,604	\$	47,090	\$	14,043
Sep		\$	260,874	\$	48,298	\$	14,043
Oct		\$	(14,916)	\$	105,584	\$	14,043
Nov		\$	(22,128)	\$	102,113	\$	14,043
Dec		\$	(21,120)	\$	105,584	\$	14,043
		\$	1,668,588	\$	506,471	\$	98,303
	Total N	let (Operating Reve	enue	e (2022)	\$	2,273,361
	less: 25	Syr Debt Service (7-mo @3.5%)				\$	(782,189)
		Taxes & Insurance (part year)			\$	(206,900)	
		ne	t cashflow			\$	1,284,272



Proforma PROJECT COSTS/SAVINGS 2022 - \$4.70 Gas

(Initial 7 Months from Startup)

LOW ELECTRICITY/LOW GAS CASE

Based on Modeled Electricity Prices
Equal to 50% of Palo Verde Day Ahead
On-Peak and Off-Peak Prices for
CY2022

First 5 Trading Days of September 2021

		Net		5	Self-Supply		
		(Operating		Spinning	Tr	ansmission
			Revenue		Reserves	Savings	
Jun		\$	(14,460)	\$	101,962	\$	14,043
Jul		\$	199,179	\$	51,920	\$	14,043
Aug		\$	191,465	\$	47,090	\$	14,043
Sep		\$	(2,517)	\$	101,962	\$	14,043
Oct		\$	(24,468)	\$	105,584	\$	14,043
Nov		\$	(28,074)	\$	102,113	\$	14,043
Dec		\$	(27,570)	\$	105,584	\$	14,043
		\$	293,555	\$	616,214	\$	98,303
	Total N	let C	perating Reve	enue	e (2022)	\$	1,008,071
	less: 25	yr D	ebt Service (7	'-mc	@3.5%)	\$	(782,189)
		Tax	es & Insuranc	e (pa	art year)	\$	(206,900)
		net	cashflow			\$	18,982

