

JHS Roof & Solar Guaranteed Maximum Price



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Regular Board Meeting
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JHS Roof/Solar – Scope & Timeline

1. Timeline

- a) 02/28/24 Green Energy Study completed
- b) 10/16/24 Board approved McKinstry as Design-Build firm
- c) 02/12/25 Guaranteed Maximum Price (GMP) submitted for Annex
- d) 04/30/25 Guaranteed Maximum Price (GMP) submitted for JHS

2. Funding for Roof & Solar

- a) 2023 Bond *Annex*
- b) 2023 Bond and 2017 Bond *JHS*
- c) Inflation Reduction Act reimbursement 40% to 50% (*apply to federal government after project completion*)

JHS – Roof & Solar Scope

Ag/Welding

900 Wing

Kitchen
2021 Bond

Gym

New Front Entry &
Library Expansion
Under Construction

PAC

PV MODULES

593/593

DC POWER

343.94/343.94 kWp

EST. ANNUAL PRODUCTION/CONS.

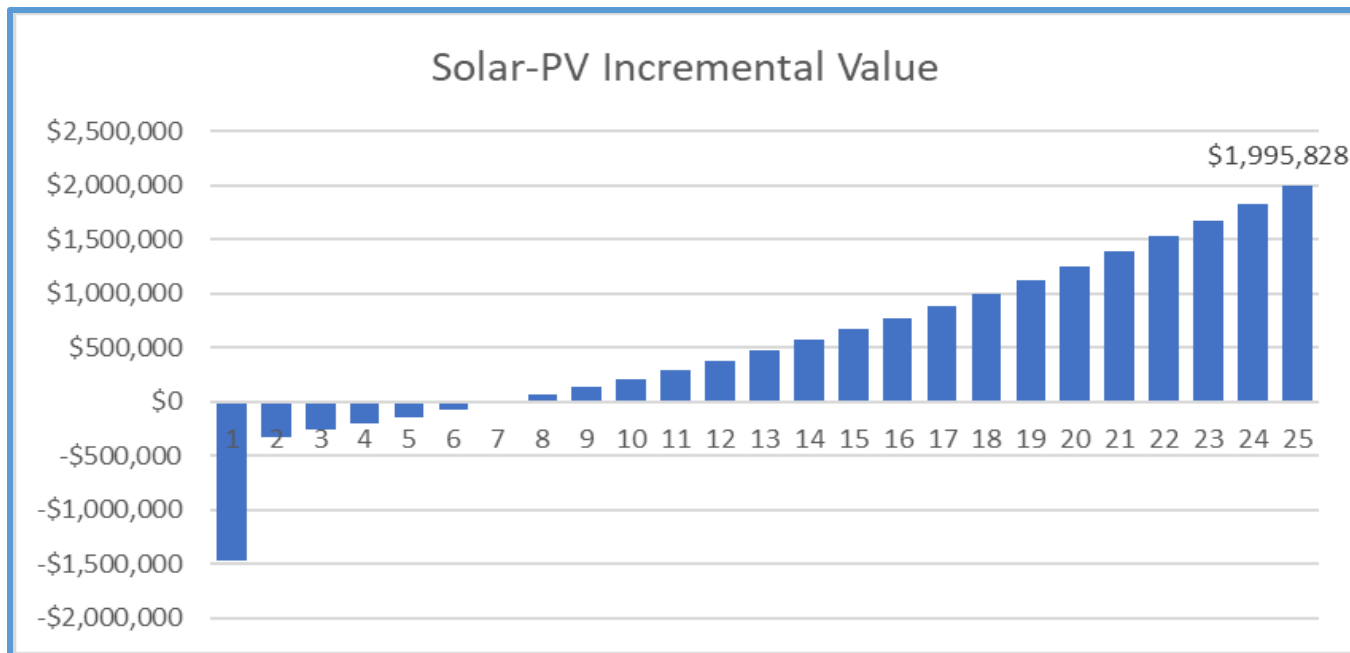
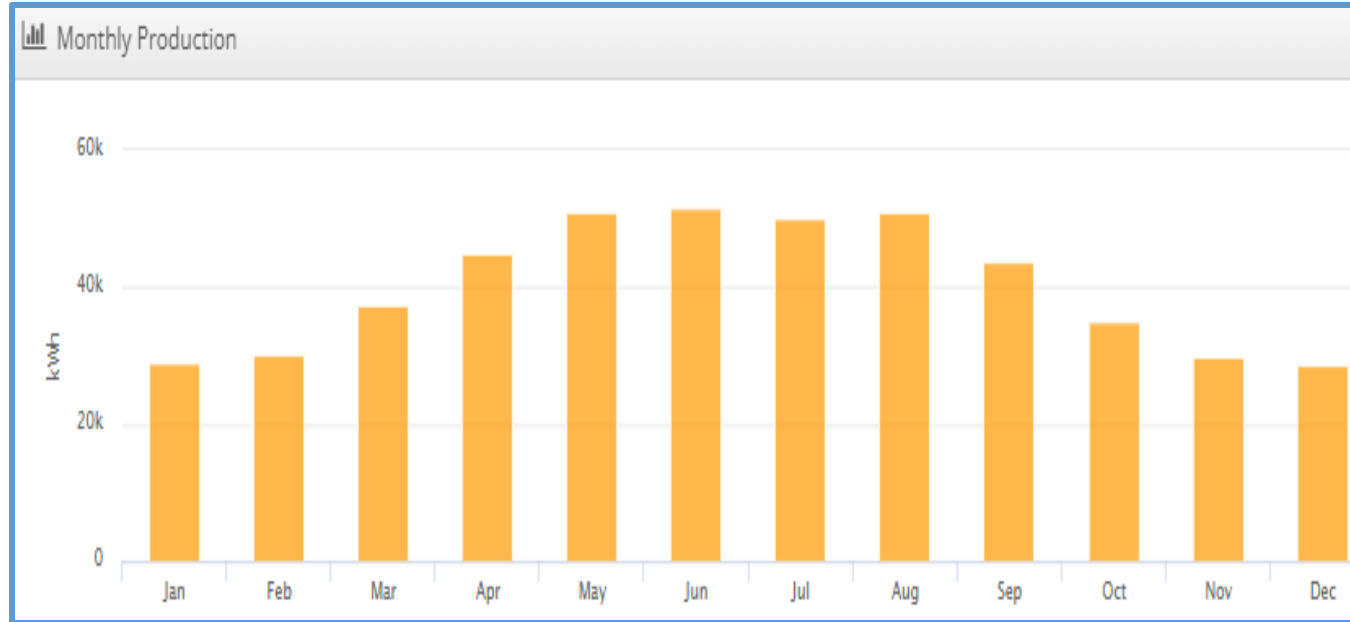
535.96 MWh



Additional Information

1. Approximately 100 Texas school districts with large scale solar
2. TASB confirmed that solar panels are covered at no additional insurance premium (*Section 3.6 Cover Property includes items “attached to a building” and “equipment that constitutes a permanent part of and is related to the service of a Building”*)
3. Warranty
 - a) Roof = 25 Year
 - b) Solar System = 20 years
 - c) General workmanship = 1 year
4. Maintenance / Service
 - a) 5 years included with Bid (with continuous monitoring)
 - b) Service agreements available for 3rd party cleaning after Year 5

JHS – Solar Payback



Summary of Bid via GMP

GMP = Guaranteed Maximum Price

Scope	Bid Price / GMP
Roof (original HS low slope roof)	\$1,500,000
Rooftop Solar	\$1,500,000
Total	\$3,000,000
<i>Potential Federal Credit</i>	<i>\$1,200,000</i>
Net Cost to JISD with Credit	\$1,800,000
Payback period with federal credit	6 years

Recommend Approval JHS Roof & Solar

”Not to Exceed” = \$3,500,000



Jarrell
Independent School District