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# Initial Retrospective on ASHALIM Ventures

The 23<sup>rd</sup> Sede Boqer Symposium on Solar Electricity  
Production

September 6<sup>th</sup>, 2022



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# Energy Innovation

- Energy Technology has become an extremely important component to fight global challenges
- The Israeli vision is reflected by Transforming Future of Energy
- Local Prospective: Energetic Island, Lots of Sun, Gas reservoirs and Breakthrough Innovation
- Policy of decision makers at the Energy market, based on:
  - Economy
  - Energy Security
  - Environment



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# AHSHALIM Selected Data

- 4 projects:
  - **Plot A:** Thermal Solar, 121 MW (Parabolic Trough + Storage)
  - **Plot B:** Thermal Solar, 121 MW (Sun Tower)
  - **Plot PV1:** Photo Voltaic, 30 MW
  - **Plot PV2:** Photo Voltaic, 40 MW

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Total 312 MW

- **Plot PV3:** Photo Voltaic + Storage, approx. 70-100 MW --- under feasibility examination



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## Main Insights

- Ashalim's State Tenders were published even though high level of uncertainty in the arena of RE
- Uniqueness and Pioneering move in the Fuel Mix of the Israeli RE market



- B.O.T. Framework –
  - Energy price tenders!?  
Auction pushes price down in a competitive market
  - Technological Diversity V. Solid / Market familiarity with the Technology



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# SEA's Prospective

- State Inputs: Managerial, Financial, Energy / Electricity, Engineering, Legal, Planning / Environmental...
- Representing the Public interest
- Open channel in favor of the concessionaires - full availability
- Best efforts to removing barriers
- So far, no legal suits

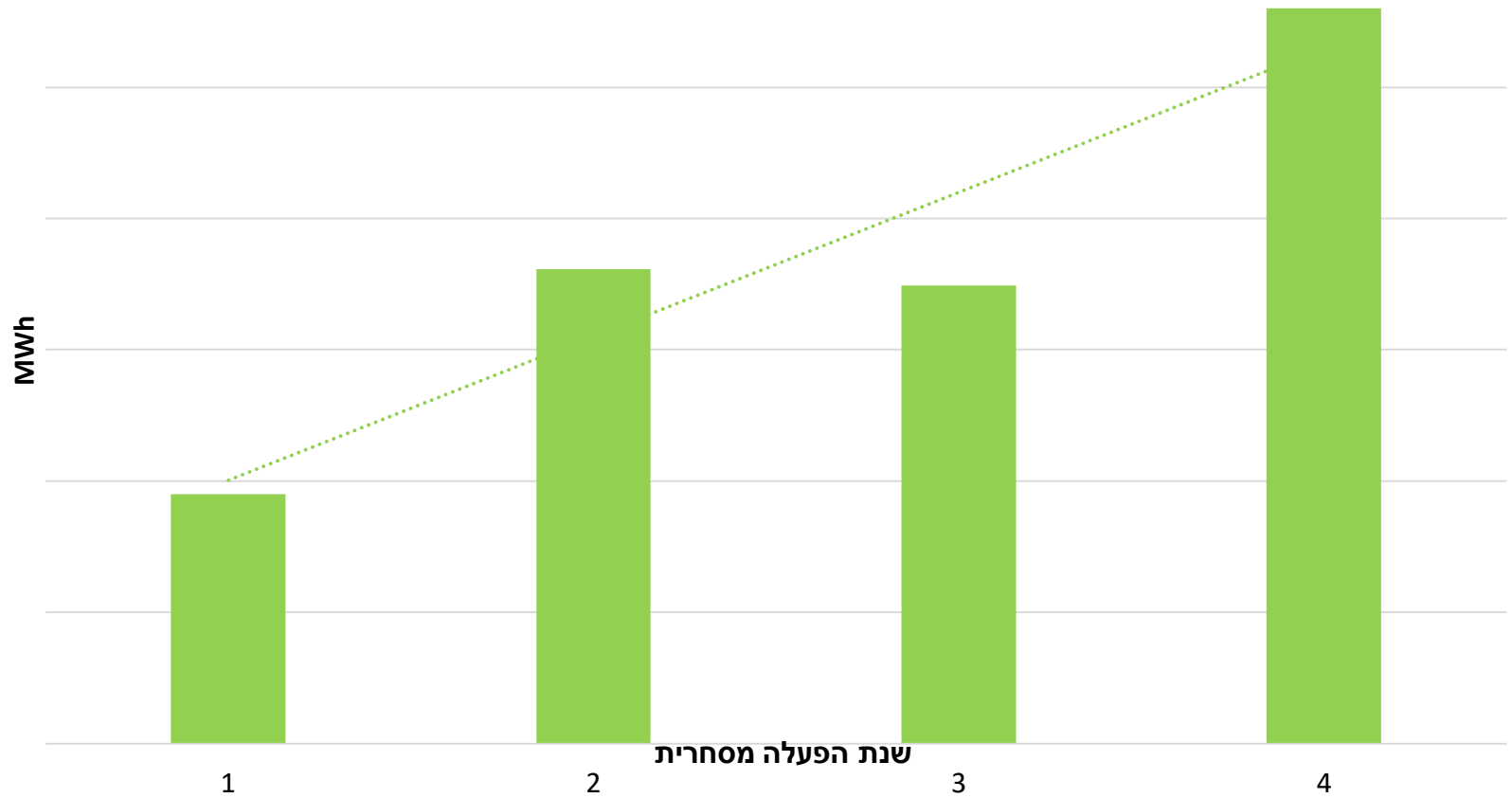


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## ...SEA's Prospective

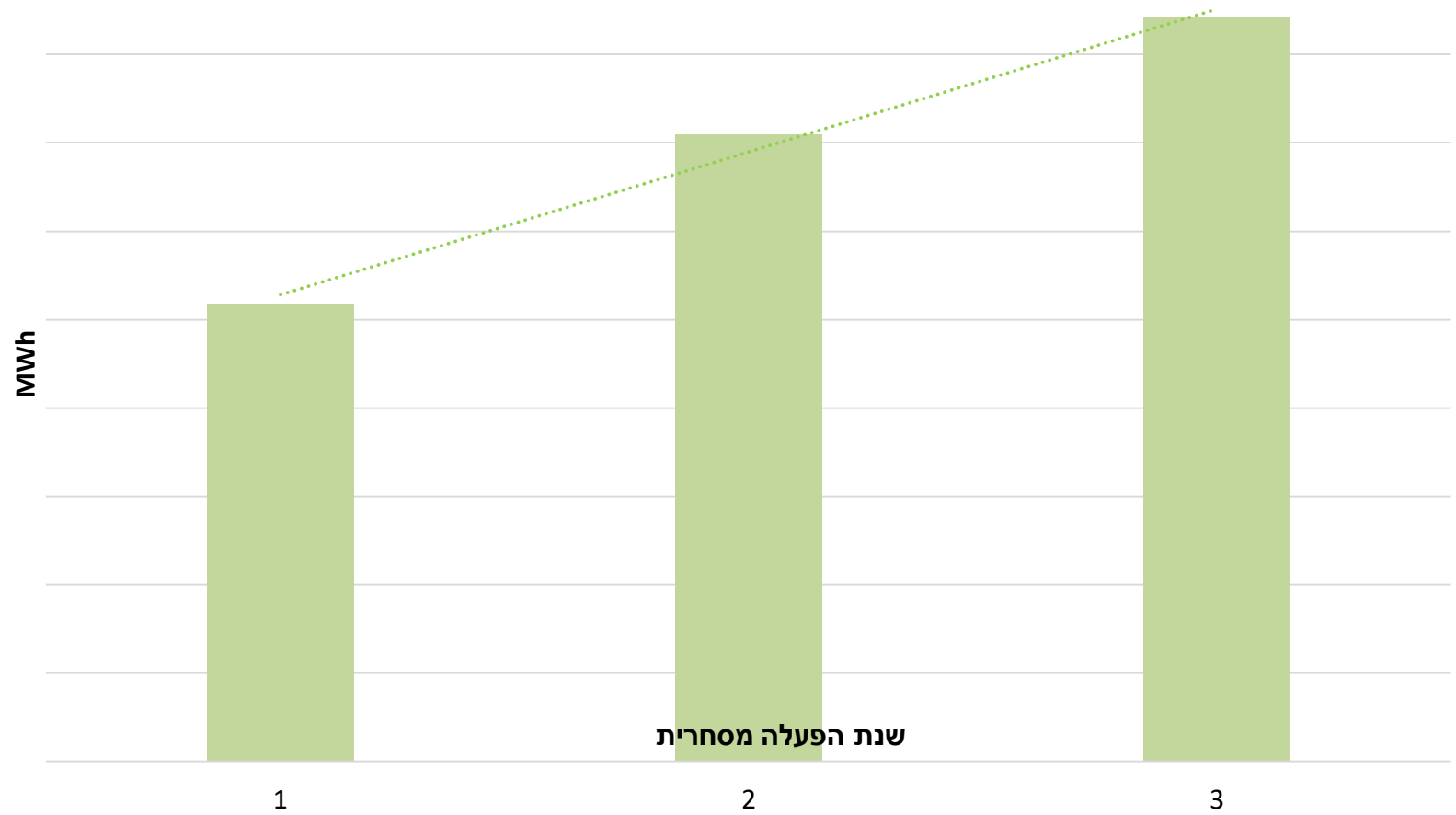
- Energy Bids: PV1, PV2
- Electricity Generation - from Performance Model Scheme to Free Competition (+ less supervision)
- In the Long Run - no labor pains and if S.S., involvement of SEA might be limited

## PV1 – Electricity Generation

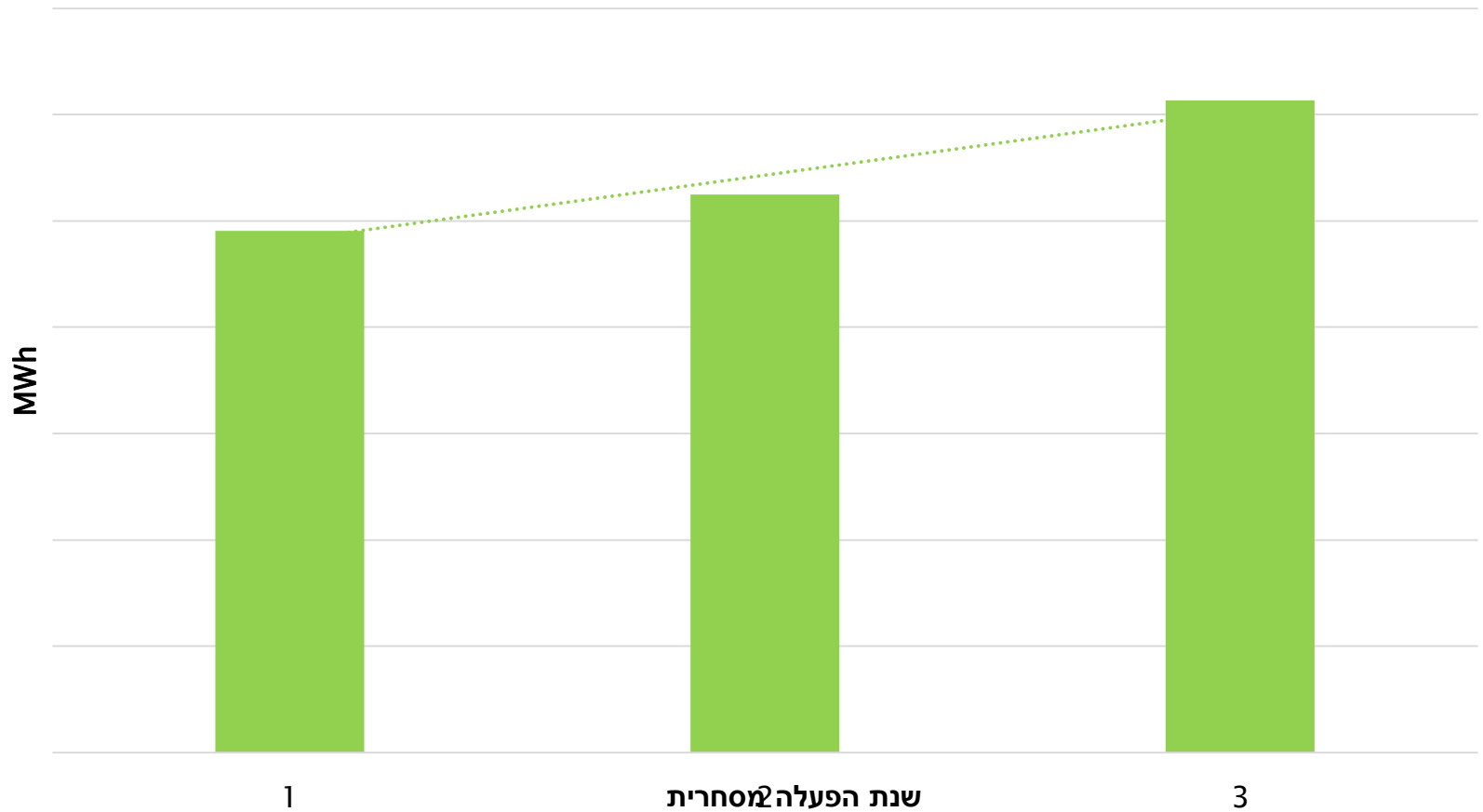




## PLOT A: Electricity Generation



## PLOT B: Electricity Generation





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## More enlightenments

- ASHALIM projects generate approx. 14% of the total RE generation referring to year 2021 and approx. 5% at year 2025
- Energy Security: Plot A + B were declared “Essential Power Plants”