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**Optimizing and Accelerating Industrial  
Energy Productivity Performance**

**A Roadmap for a Comprehensive Program  
to Maximize Shareholder Value**



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- AHMSA Increased Profitability

### **First Project**

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- Opportunity Ladder “First Project-Phase B.”
- “Energy Optimization Infrastructure Platform” (Description of Phase A.)

### **Second Section**

Steering Committees: Planning, Communication and Decision Making

### **Third Section**

Benchmarks for Dollarized Value of Second Phase Projects

### **Fourth Section**

Flow Chart of Process

### **Notes**

Credit, Jurisdiction and Risk Mitigation Strategy to maximize capital infusion into AHMSA.

## **First Project-Phase A:**

### **EP Investments and AHMSA Return (All currency in US dollars)**

EP Invests \$10.2 Million for “Energy Optimization Infrastructure Platform.”

*See description “Opportunity Ladder First Project-Phase A” to follow this section.*

- AHMSA Annual Net Return Phase A for **first 36 months** only.
- EP Investment \$10.2 Million
- AHMSA Return \$12 Million.
- **AHMSA 6 Year Savings Return: \$36 Million.**

AHMSA dollarized investment \$ None

## **Phase Two Projects**

### **EP Investments and AHMSA Return**

EP Invests \$31 Million for AHMSA selected projects.

*Following returns for Phase Two projects are cumulative include First Projects-Phase A.*

- AHMSA Annual Net Return for **first 36 months** only.
- EP Investment \$31 Million.
- AHMSA Return \$45 Million.
- **AHMSA 6 Year Savings Return: \$162 Million US**

AHMSA dollarized investment \$ None

## **Phase Three Projects**

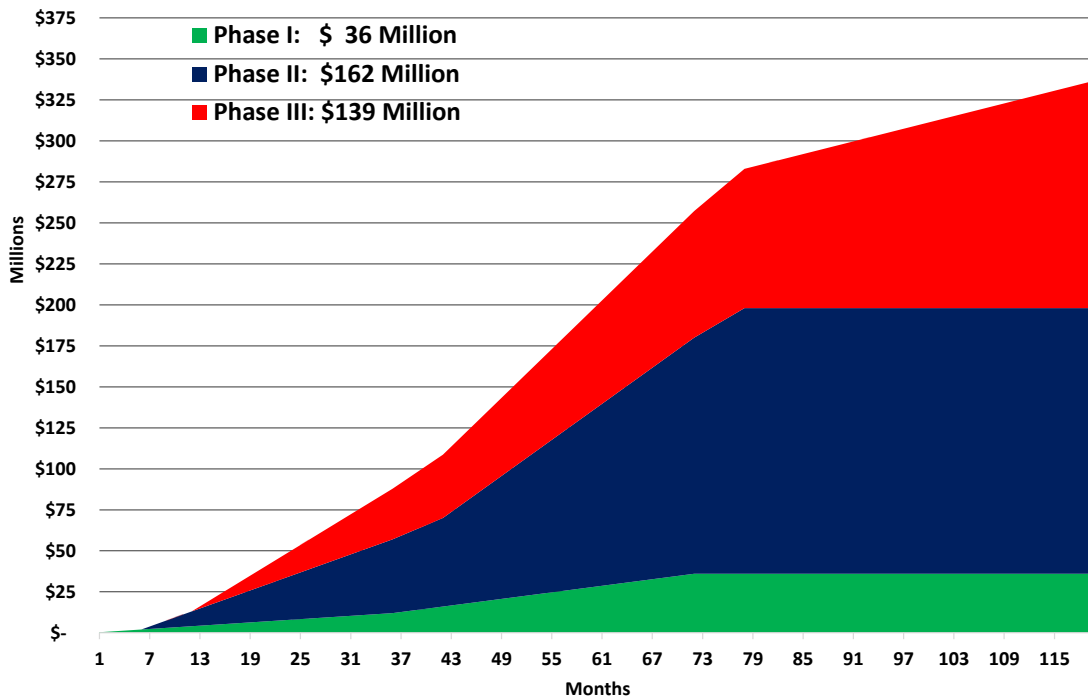
### **EP Investments and AHMSA Return**

EP Invests \$120 Million for AHMSA selected projects asset renewal.

- Phase Three projects amortized over 10-year period.
- EP Invests \$120 Million.
- AHMSA Return \$139 Million
- **AHMSA 10-Year Savings Return: \$139 Million.**

AHMSA dollarized investment \$ None

### AHMSA : Realized Cumulative Savings 10 Years - \$337 Million



### AHMSA Savings per Year

Phase	Year1	Year2	Year3	Year4	Year5	Year6	Year7	Year8	Year9	Year10	Total
Phase I	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 8,000,000	\$ 8,000,000	\$ 8,000,000	\$ -	\$ -	\$ -	\$ -	\$ 36,000,000
Phase II	\$ 9,000,000	\$ 18,000,000	\$ 18,000,000	\$ 27,000,000	\$ 36,000,000	\$ 36,000,000	\$ 18,000,000	\$ -	\$ -	\$ -	\$ 162,000,000
Phase III	\$ -	\$ 15,444,444	\$ 15,444,444	\$ 15,444,444	\$ 15,444,444	\$ 15,444,444	\$ 15,444,444	\$ 15,444,444	\$ 15,444,444	\$ 15,444,444	\$ 139,000,000
<b>Total</b>	<b>\$ 13,000,000</b>	<b>\$ 37,444,444</b>	<b>\$ 37,444,444</b>	<b>\$ 50,444,444</b>	<b>\$ 59,444,444</b>	<b>\$ 59,444,444</b>	<b>\$ 33,444,444</b>	<b>\$ 15,444,444</b>	<b>\$ 15,444,444</b>	<b>\$ 15,444,444</b>	<b>\$ 337,000,000</b>

**Note: AHMSA earns 100% of savings after project is amortized.**

**Phase I: Year 4**

**Phase II: Year 4**

**Phase III: Year 11**