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### Summary of Ghana Project Outcomes

<b>Energy:</b>	127.2 megawatts of solar power, 326 million kWh per year
<b>Housing:</b>	20,000 houses (of 3 sizes) in secure community infrastructure, with pure water and modern bath, oven, refrigerator, fans, computer, cell-phone
<b>Business:</b>	1600 units <sup>1</sup> for services, franchises, etc including 400 hotel rooms/villas
<b>Manufacturing:</b>	400 units for food, protein, pharmaceuticals production
<b>Commons:</b>	160 units for community meetings, library, media, and governance
<b>Education:</b>	1600 classrooms, 40,000 students daily, w/distance learning
<b>Health:</b>	240 units for health clinics providing 400,000 patient visits per year
<b>Total Units:</b>	24,000 units with an average dimension of 50 square meters
<b>Jobs:</b>	20,000 project construction jobs; 12,000 permanent jobs in the community; plus 24,000 secondary jobs associated with the community economy
<b>GDP:</b>	\$1.8 billion annually: economic multiple of 1.5 X investment
<b>Taxes:</b>	\$90 million annually: at 5% of GDP increase
<b>Poverty:</b>	200,000 lifted from poverty (of 380,000 connected to project)
<b>Transport:</b>	400 electric carts - 30,000 trips per day – financed by fees from riders
<b>Carbon:</b>	220,000 tons of CO <sub>2</sub> avoided annually
<b>Project cost:</b>	\$1.2 billion estimated <sup>2</sup>
<b>Electricity Revenue:</b>	\$1,626 million in 20 years PPA at 25 cents/kWh
<b>Carbon Credits Revenue:</b>	\$84 million in 20 years, 2009 carbon market rate
<b>Leasing Revenue:</b>	\$576 million in 20 years at \$100/month/per unit

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<sup>1</sup> Each “unit” is a solar house (of 3 sizes) built to LEED specifications with local materials and labor

<sup>2</sup> Annual operating and maintenance expenses, manufacturing and other business revenues are being estimated