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Summary of Panama Project Outcomes

Energy:	63.6 megawatts of solar power, 163 million kWh per year
Housing units:	10,000 houses (of 3 sizes) in secure community infrastructure, with pure water and modern bath, oven, refrigerator, fans, computer, cell-phone
Business units:	800 units ¹ for services, franchises, businesses including 200 hotel rooms/villas
Manufacturing units:	200 units for food, protein, pharmaceuticals production
Commons:	80 units for community meetings, library, media, and governance
Education:	800 classroom units, 20,000 students daily, includes distance learning
Health:	120 units for health clinics providing 200,000 patient visits per year
Total units:	12,000 units with an average dimension of 50 square meters.
Jobs:	10,000 project construction jobs; plus 6,000 permanent jobs in the community; plus 12,000 secondary jobs associated with the community economy
GDP:	\$900 million annually: economic multiple of 1.5 X investment
Taxes:	\$45 million annually: at 5% of GDP increase
Poverty:	100,000 lifted from poverty (of 190,000 connected to project)
Transport:	200 electric carts - 15,000 trips per day – financed by fees from riders
Carbon:	110,000 tons of CO ₂ avoided annually
Project cost:	\$600 million estimated ²
Electricity Revenue:	\$813 million in 20 years PPA at 25 cents/kWh
Carbon Credits Revenue:	\$42 million in 20 years, 2009 carbon market rate
Leasing Revenue:	\$576 million in 20 years at \$200/month/per unit

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

² Annual operating and maintenance expenses, manufacturing and other business revenues are being estimated