Walt Jordan

- Chief Revenue Officer at dGEN Energy Partners INC.
- ICC License Holder 9430062
- 25 years Roofing and Power Generation Experience
- Multiple Award-Winning Contractor
- Certified Infrared Thermographer Lic 16631

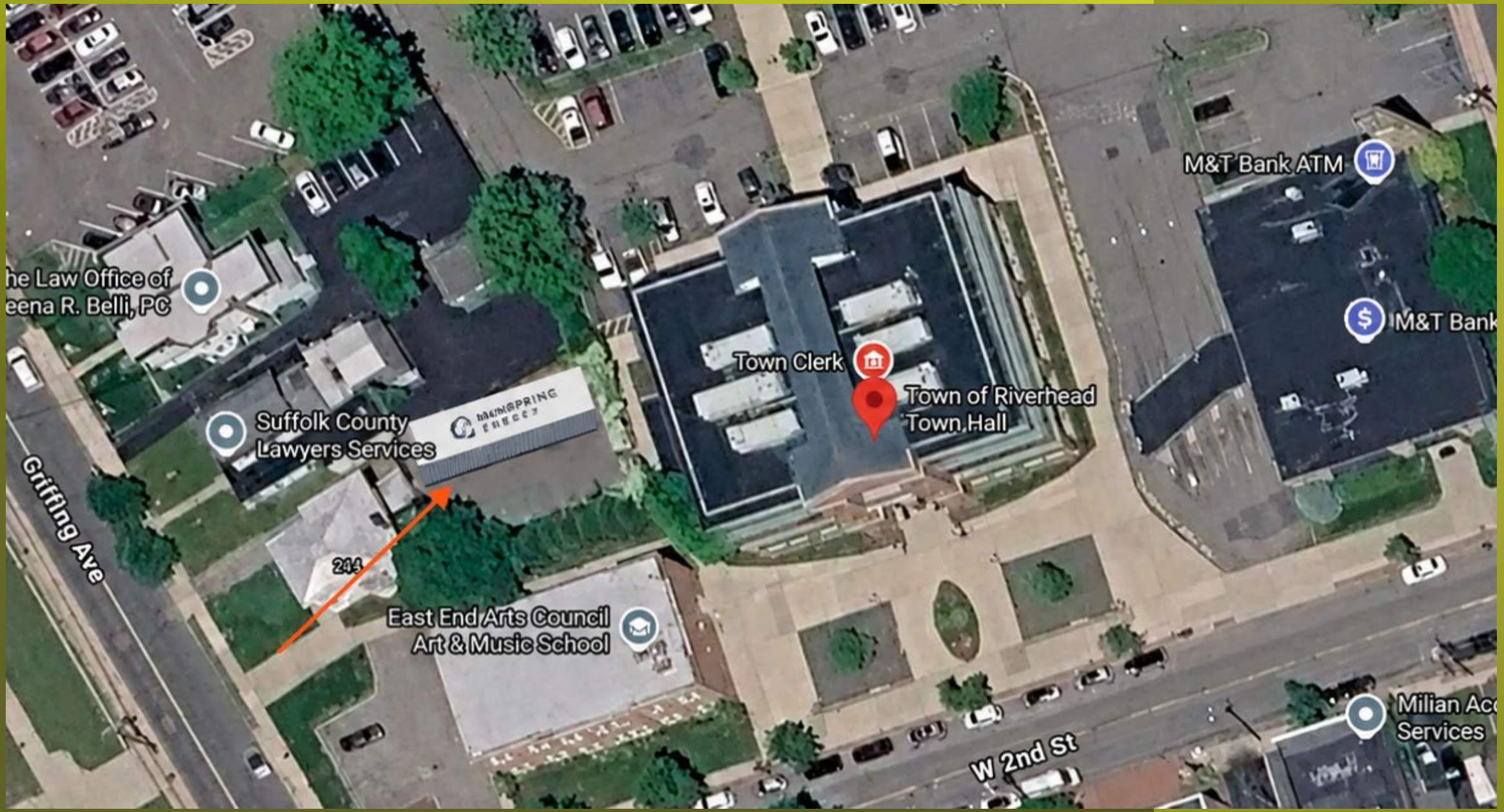
dGEN energy partners

LINEAR GENERATOR Deployment

Riverhead Township Combined Meter
4 West Second Street, Riverhead, NY
May 2026

Preliminary Proposal PRESENTED BY:

dGEN
energy partners


M&T Bank ATM
he Law Office of
eena R. Belli, PC
M&T Bank
Town Clerk
Town of Riverhead
Town Hall
Suffolk County
Lawyers Services
Griffing Ave
244
East End Arts Council
Art & Music School
W 2nd St
Milian Acc
Services

Design Details
Town Hall

- Annual Production: 882,570 kWh
- Installed Capacity: 250 kW

- 1 Mainspring Linear Generator required to reduce utility costs and improve long-term operational performance.

- Monthly average Utility Spend $18,019.15

- LGEN DEPLOYMENT Average monthly utility spend $4,237.74
- Equipped with a performance guarantee
- Projected to generate over $1 million in positive cash flow over 10 years”
- IRR 20.1%

Cost and Tax Incentives

- Total Project Costs
- $1,310,000

- Project Tax Incentives
- Federal ITC (DIRECT PAY) - $393,000

- Year 1 Energy Savings
- $216,230

MICROGRID WITH 3 MW OF LINEAR GENERATORS for Prologis

Modeling Assumptions

- Year 1 Energy Savings: $216,230
- Standby Charges: $11,424 Annually
- Net Utility Savings: $153,951.12 Annually
- Net Utility Savings Monthly Average $12,829.26
- PRE-LGEN LCOE
  0.245 $/kWh
- POST-LGEN LCOE
  0.06 $/kWh

- Payback Period: 6 Years
- IRR: 20.3%
- Gas Line Readily available and easily accessible

36 Mw of Linear Generators for an Electric Cooperative in Colorado

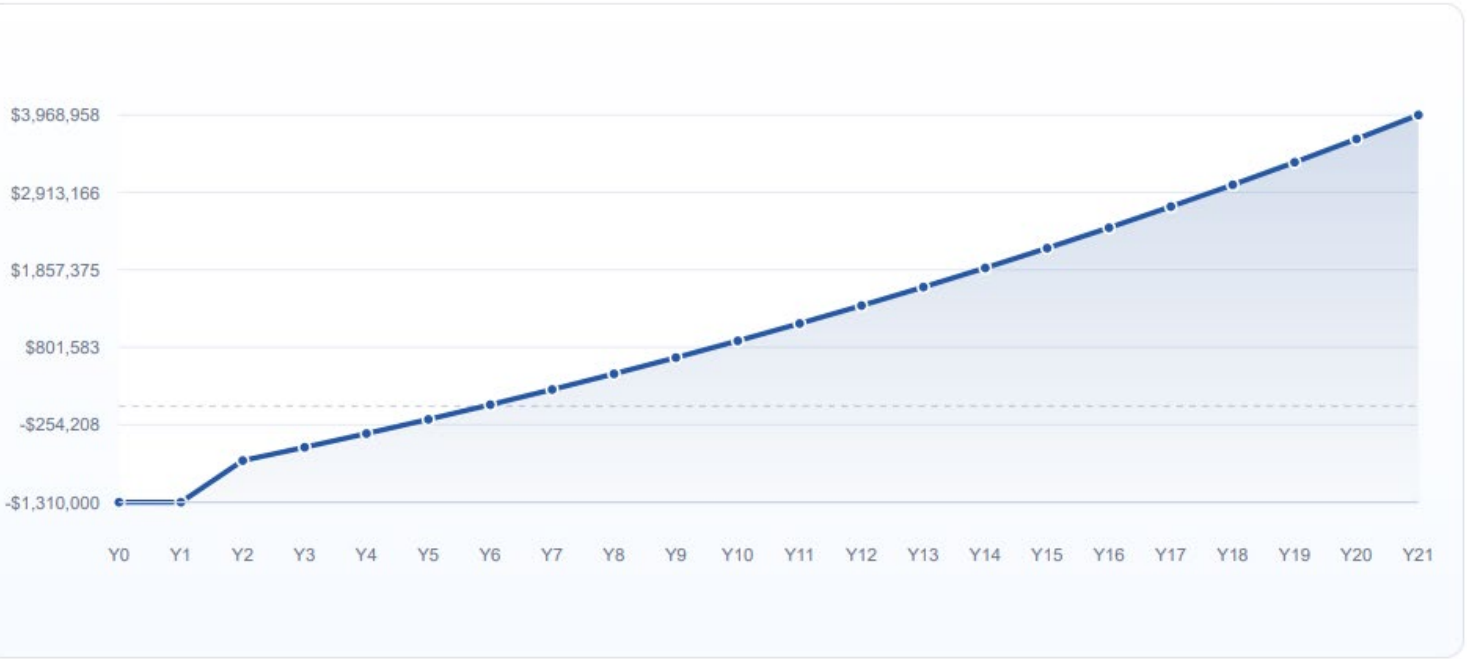
Financial Summary

Cash Flow Summary

Summary of project cost, year-one value, tax benefits, operating costs, and long-term customer cash flow.

Project Cost	$1,310,000
Generator Capacity	250 kW
Annual Production	882,570 kWh
Year 1 Energy Savings	$216,230
Standby Charge	$11,424
Net Utility Savings	$204,806
ITC Value	$393,000

Cumulative Cash Flow




Poconos Ice Rink

Design Details
Veterans Memorial Park

- Annual Production: 1.414,740 kWh
- Installed Capacity: 250 kW

- 1 Mainspring Linear Generator required to reduce utility costs and improve long-term operational performance.

- Monthly average Utility Spend $24,337.86

- LGEN DEPLOYMENT Average monthly utility spend $7,270.69
- Equipped with a 20- year performance guarantee
- Projected to generate over $1.5 million in positive cash flow over 10 years”
- IRR 26.4%

Cost and Tax Incentives

- Total Project Costs
- $1,310,000

- Project Tax Incentives
- Federal ITC (Direct Pay) - $393,000

- Estimated Year 1 Energy Savings $204,806 Annually

- Estimated Monthly Energy Savings $17,067.17

MICROGRID WITH 3 MW OF LINEAR GENERATORS for Prologis

Modeling Assumptions

- Year 1 Energy Savings: $ 325,390.35
- Standby Charges: $11,424 Annually
- Net Utility Savings: $204,806.00
- PRE-LGEN LCOE
  0.24 $/kWh
- POST-LGEN LCOE
  0.062 $/kWh

- Payback Period: 4.5 Years
- IRR: 26.4%

- LGEN 12 Year Lease Payment $12,219.12

- GAS LINE SUPPLY TO SITE NOT INCLUDED FOR VETERANS MEMORIAL PARK

36 Mw of Linear Generators for an Electric Cooperative in Colorado

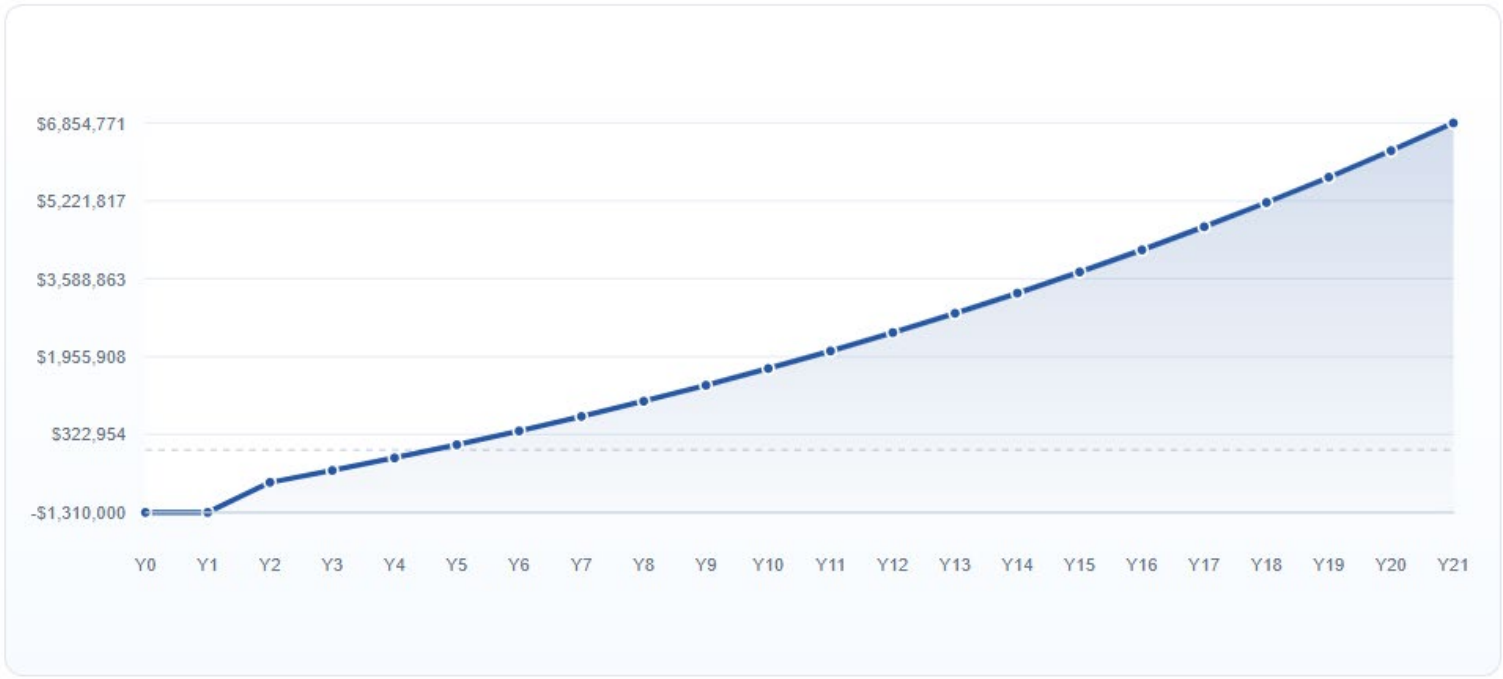
Financial Summary

Cash Flow Summary

Summary of project cost, year-one value, tax benefits, operating costs, and long-term customer cash flow.

Project Cost	$1,310,000
Generator Capacity	250 kW
Annual Production	1,414,740 kWh
Year 1 Energy Savings	$325,390
Standby Charge	$22,848
Net Utility Savings	$302,542
ITC Value	$393,000

Cumulative Cash Flow



Estimated Environmental Impact

Carbon Saved

8,444 tons CO2

Miles Driven

19,199,259

Trees Planted

126,660

Core Benefits

Fuel Flexibility

Runs on natural gas, renewable biogas, propane, or hydrogen

High Efficiency

Up to 45% electrical efficiency

Ultra-low Emissions

Meets or exceeds CARB standards without aftertreatment

Modular Design

Fits within two standard parking spaces

No Combustion

Silent operation and low vibration

Outputs 1	Power (net AC) Electrical	250 kW 400/480 V, 3 Phase, 50/60 Hz
Inputs	Fuels Input Pressure Water Consumption	Any blend of Biogas2, Natural Gas, Hydrogen, and Propane5-20 psig (15 psig nominal) None
Efficiency 3	Electrical (LHV, net AC) Heat Rate (HHV, net AC)	46% 8,233 BTU/kWh
Emission 4	Nox Noise	< 1.5 ppm (<0.04 lb/MWh) < 70 dBA @ 3m, <65 dBA @10m
Physical	Weight Dimensions (L x W x H)	20 tonnes 20.5’ x 8.5’ x 9.5’

dGEN

energy partners

THANK YOU!

682-301-2996

www.dgenenergy.com

Walt@dgenenergy.com