



Unity Power Services, LLC
Unity Powers Life!



Virginia Green Initiative

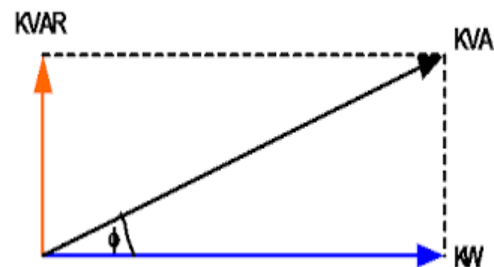
Unity Power Services

- ▶ Attending “member” since October of 2018.
- ▶ VGI Scorecard Silver.
- ▶ Currently partnering with C2 Management for zero landfill goals.
- ▶ Coordinating with Comfenergy and Shrewd marketing for related partnership opportunities.
- ▶ Looking to become sponsor/founding member.
- ▶ The VGI mission to motivate Virginians to embrace all facts of sustainability at home and work is near to the culture we are building at Unity Power Services.

Virginia Green Initiative

Unity Power Factor

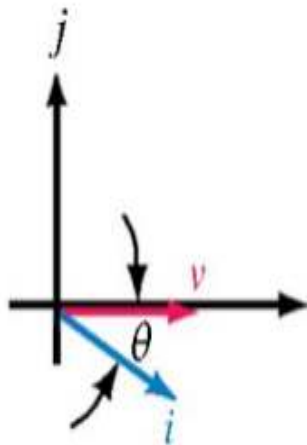
- Unity Power Factor is the maximum efficiency of an electrical circuit. At Unity Power we maximize the efficiency of your investment dollars. We partner with our clients to ensure we understand your priorities and objectives, we then match those objectives with best in breed technologies to create the highest value of return on your investment. When you partner with Unity Power for design-build services, you save time and maximize financial investments, without sacrificing safety, scalability and reliability of your infrastructure.



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POWER FACTOR

- ✦ The cosine angle between the voltage and current in an a.c circuit is known as *power factor*.
- ✦ *Power factor* involves the relationship between two types of power, working power and reactive power.



Poor P.F 0.60

P.F >0.90

Virginia Green Initiative

Unity Power Services

▶ What we do:

- ▶ Unity Powers Life wherever you are. Unity Powers Homes, Offices & Mission Critical Environments. Offering design-build electrical construction, repair and maintenance of facilities, generators, UPS's, networks, site lighting and solar power systems. Unity Powers Life!

▶ How we do it:

- ▶ Unity Powers Life inside and out. Unity is not just a name, but a principal belief. We are stronger than the sum of our parts. Our internal teams work together to serve each other selflessly and professionally to deliver on client mission objectives. Continual training for technical operations and job site safety are paired with mentor-ship and career growth opportunities for personal development. We are always hiring great people.

▶ Who we do it for:

- ▶ Unity Powers Life for you. Homeowners, property managers, facility managers, tenants, electrical engineers, general contractors, interior designers and many more rely on the professional electrical service and installation of Unity Power Services.

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Energy savings through lighting improvements

Energy Savings				
Existing lamp	160.0	watts		
Runtime	1825.0	hours/month		
kw/h	292.0			
Utility Rate	0.06	cost/kwh		
Cost to run existing per month	17.5			
			Delta per fixture	\$ 13.36
New lamp	38.0	watts	Quantity of fixtures	13
Runtime	1825.0	hours/month	Estimated savings per month	\$ 173.67
kw/h	69.4		Estimated savings per year	\$2,084.00
Utility Rate	0.06	cost/kwh		
Cost to run existing per month	4.2			

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Reduced impact through promoting efficient design


GENERAC

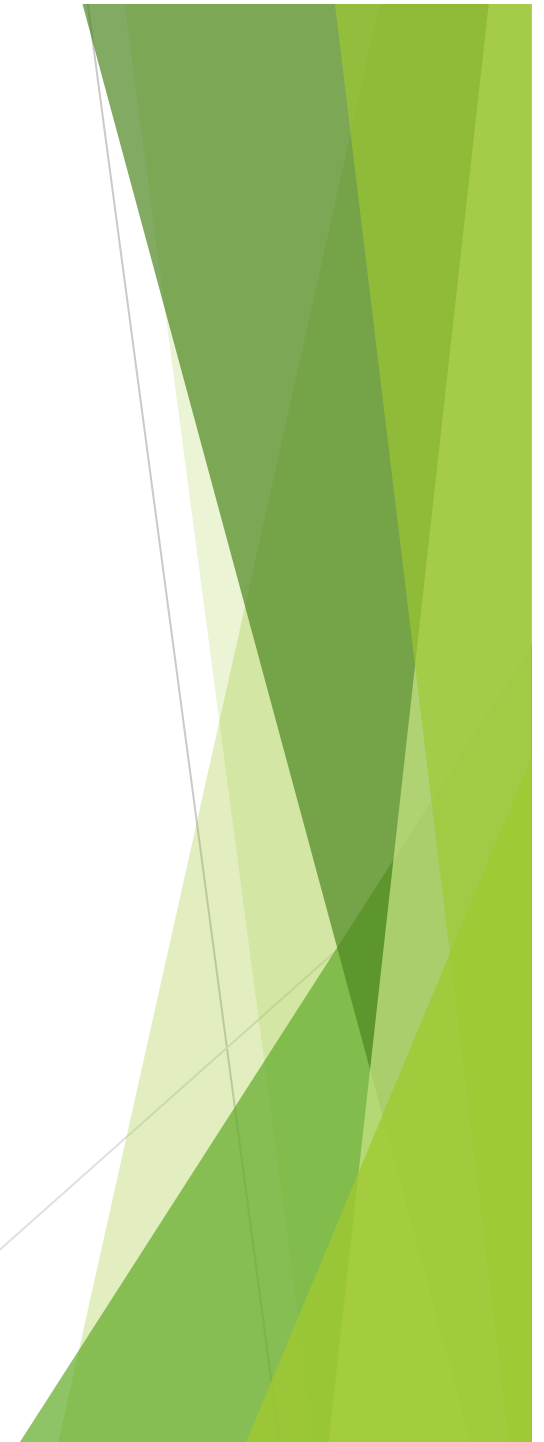
RPG108 (R2) –
EcoGen™ Air-cooled
Generator Product
Review

EcoGen™ Air-cooled Generator Product Review

EcoGen™

- 1st generator designed for off-grid applications
- Setting pace for the market
- Quietest operation
- Cleanest power
- Highest maintenance intervals





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Reduced impact through promoting efficient design



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Reduced impact through promoting efficient design

- ▶ Electrical design build
- ▶ Electrical installation & service
- ▶ Alexa / Google Home controls
- ▶ Motor power and signaling control design and wiring
- ▶ Network wiring & LAN configuration
- ▶ Troubleshooting & Repair



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We humbly compete for the opportunity to enable your mission.

▶ **RESPECT:**

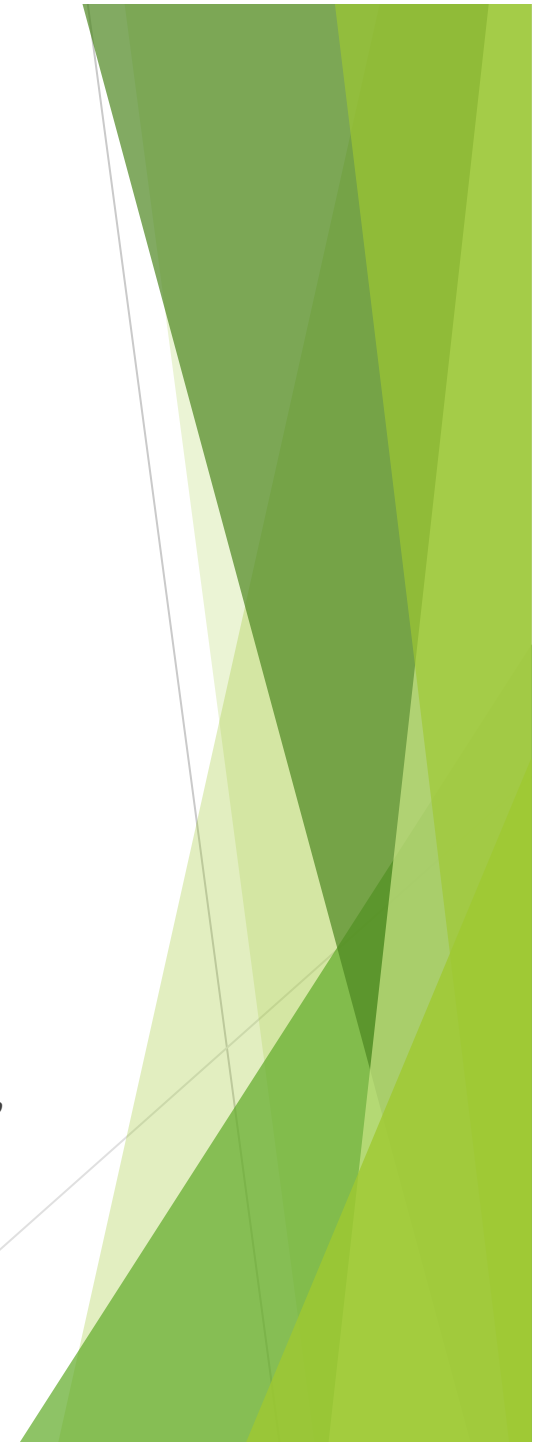
- ▶ Building mutual relationships that provide growth opportunities for clients and employees.

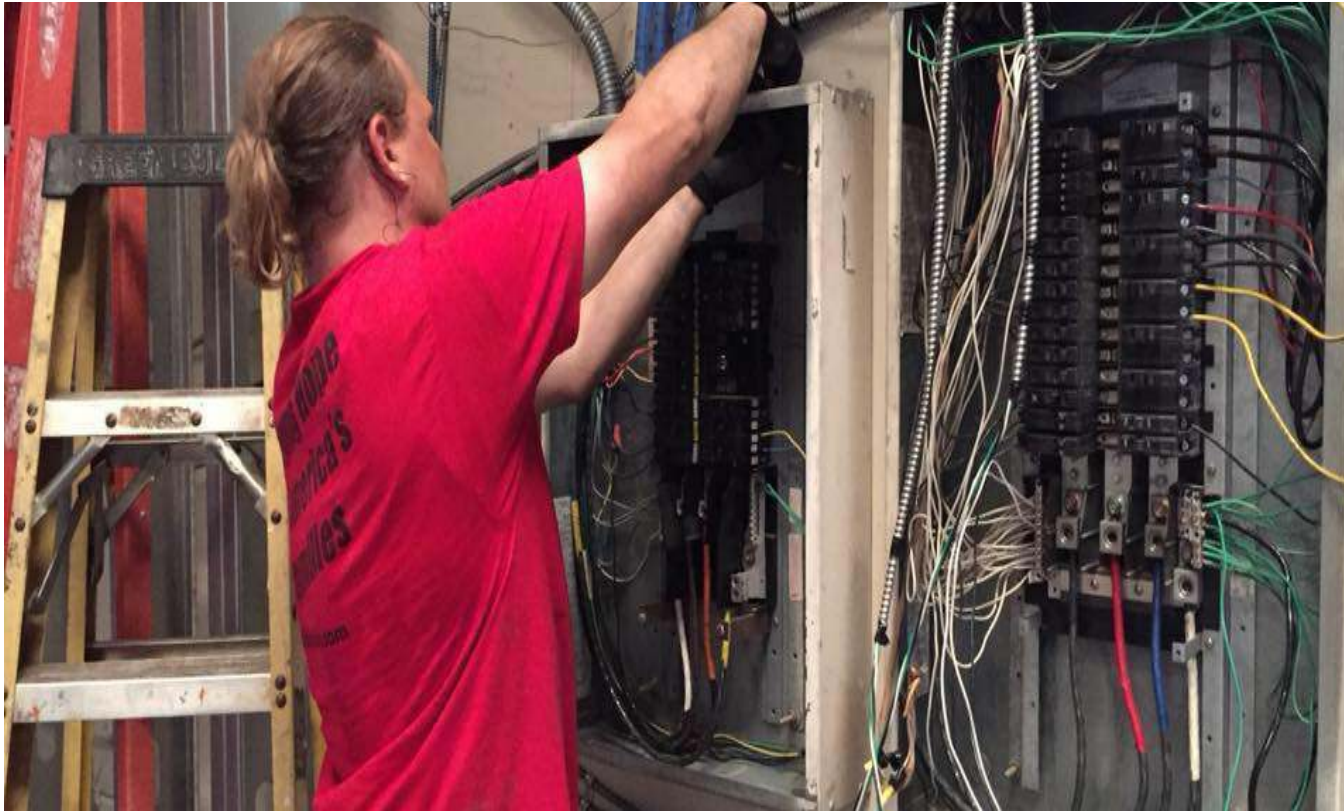
▶ **SAFETY:**

- ▶ Paramount on any project no matter the size. We will never choose profits over life or property safety.

▶ **PROFESSIONALISM:**

- ▶ Exacting electrical design, delivery and operations teams, provide consistent professional grade infrastructure solutions.





Blessings,
Brian Ducharme, CEO
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540-441-3501 f
www.unitypowerservices.com
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