GlyGas Sales Playbook

Downstream Gas Processing in Guyana • May 2026

Petrochemicals & Fertilizer • Power Generation & Utilities • Mining Sector • Manufacturing

www.glygas.com

Executive Summary

Guyana’s Gas-to-Energy (GtE) project at Wales (on track for late-2026 commissioning with ongoing EPC momentum and investor calls) unlocks ~50 MMscfd+ of processed gas. GlyGas’s sweet spot is upstream/downstream glycol dehydration advisory using TEG/EG units in full compliance with API RP 14C and SPE gas treating guidelines. This prevents hydrates, corrosion, and catalyst issues across multiple high-value segments.

1. Petrochemicals & Fertilizer (GAUP Ammonia/Urea Plant)

~US$300M plant at Wales • 20 MMscfd feed • 300k tons/year urea. Ten firms (Lindsayca plus dominant Chinese consortia) have bid for EPC; strong synergy exists with GAUP urea output and local blending JVs. GlyGas fits upstream of the syngas reformer with TEG contactor plus regeneration to achieve <7 lb/MMscf water specification and protect catalysts. Value: Expert advisory on unit design, optimization, and lean-gas integration with GPGI supply. Repeat consulting opportunities will emerge as the plant scales.

2. Power Generation & Utilities (GtE Power Plant)

300 MW combined-cycle at Wales plus Phase 2 expansions. Lindsayca serves as main EPC contractor while GPL operations ramp with pipe racks and turbines already installed. SGT-800 gas turbines and HRSGs demand ultra-dry feed gas post-NGL facility. GlyGas Value: Advanced engineering review of dehydration integration for turbine protection, efficiency, and long-term reliability in fuel-gas systems.

3. Mining Sector (Bauxite & Gold)

Gas/LNG/CNG supply for remote calcining and refining, supporting MAZ ramp-up plus Oko West and new gold mines. Bosai, G Mining Ventures, RUSAL, and Guyana Goldfields drive demand. Modular or on-site glycol dehydration plus NGL recovery skids are required for pipeline/LNG-supplied gas at remote sites. GlyGas Value: Offshore-to-onshore expertise for safe, efficient dehydration without unnecessary CAPEX overbuilds (API/SPE standards).

4. Energy-Intensive Manufacturing & Wales Industrial Zone

Glass manufacturing, agro-processing, data centres, and gas bottling. Government-led Wales Zone development plus Lindsayca gas bottling bids create strong momentum. Fuel-gas dehydration skids are needed for glass furnaces, agro dryers, data-centre power, and NGL-derived propane/butane bottling. GlyGas Value: Tailored modular consulting as cheap gas attracts new plants into the Wales zone.

1. Petrochemicals & Fertilizer (GAUP Ammonia/Urea Plant)

~US$300M plant at Wales • 20 MMscfd feed • 300k tons/year urea

Key Companies & URLs – EPC, Petrochemical & Upstream Partners

Company Name	Key Focus / Relevance to GlyGas	Website / URL	Contact / Notes
Lindsayca Guyana Inc.	Main EPC for GtE + GAUP bidder; gas processing integration	https://lindsayca.com/	Houston-based; strong dehydration unit fit
GPEC Energy Products (Guyana)	Petrochemical solutions (severe-service valves, ethylene cracking support)	https://gpec.gy/petrochemical.html	Local partner for modular dehydration skids
Tryall Energy Guyana Inc.	Petrochemical industry services, specialty chemicals & gas systems	https://tryallenergy.com.gy/	Serves oil/gas + petrochemical ops
Massy Gas Products (Guyana) Limited	Industrial/medical/LPG gases; petrochemical feedstock support	https://massygasproductsgy.com/	Local manufacturing of gases used in chem processes
ExxonMobil Guyana	Upstream operator with explicit downstream fertilizer & petrochemical plans	https://corporate.exxonmobil.com/locations/guyana	Strategic anchor for long-term dehydration advisory

Key Companies & URLs – Fertilizer, Local Suppliers & Consortium Bidders

Company Name	Key Focus / Relevance to GlyGas	Website / URL	Contact / Notes
Nand Persaud Fertilizers	Full-range fertilizer supply & custom blends	https://www.nandpersaudgroup.com/nand-persaud-fertilizers.html	Berbice-based; growing demand for dry-gas integration
Fertiliser Technology Inc. (FerTech)	Site-specific nutrient fertilizers & R&D	https://www.facebook.com/fertechgy/	Guyanese agri-tech producer; scalable with GAUP urea
Guyana Fertiliser Inc. (Guyfer) – GAICO + FERSAN JV	Localized urea blending plant at Wales	https://gaicogy.com/ (GAICO HQ)	New JV blending plant; direct GAUP synergy
Caribbean Chemicals (Guyana) Limited	Agri inputs, fertilizers & chemicals distribution	https://gcci.gy/caribbean-chemicals-guyana-limited/ / https://caribbeanchemicals.com/	Long-established Caribbean leader

Company Name	Key Focus / Relevance to GlyGas	Website / URL	Contact / Notes
Hualu Engineering & Technology Co. Ltd. (consortium member)	Chinese EPC bidding for full GAUP operation	Consortium via CNCEC (Stabroek News links)	Key GAUP bidder; dehydration unit design lead

Major Equipment

Nand Persaud Fertilizers – Bulk urea storage & bagging systems: Glycol dehydration ensures dry feed gas to prevent moisture-induced caking and corrosion in pneumatic conveying and storage silos.

Fertiliser Technology Inc. (FerTech) – Granulation & coating drums: TEG dehydration upstream of reformers protects sensitive nutrient coating processes from hydrate formation and catalyst poisoning.

Guyana Fertiliser Inc. (Guyfer) – Urea blending & mixing plants: Dry gas integration (<7 lb/MMscf) via glycol contactors prevents blockages and maintains product quality in high-volume blending operations.

Caribbean Chemicals (Guyana) Limited – Fertilizer import, storage & distribution terminals: On-site dehydration skids for fuel-gas used in drying and handling equipment to avoid moisture-related spoilage.

Hualu Engineering & Technology Co. Ltd. – Syngas reformer & ammonia synthesis loop: Core TEG dehydration unit upstream of the reformer to meet strict water dew point specs and safeguard high-value catalysts (API RP 14C / SPE guidelines).

GlyGas Value: Expert advisory on unit design, optimization & lean-gas integration with GPGI supply. Repeat consulting as plant scales.

Target Job Titles

- Director / VP Process Engineering • Gas Treatment / Dehydration Lead
- EPC Project Manager • Technical Director (Fertilizer Ops)
- Procurement Manager (Gas Systems) • Operations Engineering Manager

2. Power Generation & Utilities (GtE Power Plant)

300 MW combined-cycle at Wales + Phase 2 expansions

Key Companies & URLs – Power Generation

Company Name	Key Focus / Relevance to GlyGas	Website / URL	Contact / Notes
Lindsayca Guyana Inc.	Main EPC contractor for 300 MW GtE power plant	https://lindsayca.com/	Houston-based; leads overall power island integration
Siemens Energy	SGT-800 gas turbine supplier & potential O&M partner	https://www.siemens-energy.com/	Four SGT-800 turbines; ultra-dry gas critical for performance
Guyana Power & Light Inc. (GPL)	Off-taker and operator of the new power facility	https://gplinc.com/	Long-term fuel-gas reliability partner

Key Companies & URLs – Utilities & Transmission

Company Name	Key Focus / Relevance to GlyGas	Website / URL	Contact / Notes
Kalpataru Projects International Ltd	Transmission lines & substations EPC	https://kalpataruprojects.com/	Major grid integration partner for GtE power evacuation
Power China / China National Machinery	Transmission & substation construction	https://www.powerchina.cn/ (group site)	Key contractor for new 69 kV lines supporting Wales power
Guyana Power & Light Inc. (GPL)	National utility & grid operator	https://gplinc.com/	Primary end-user requiring reliable dry fuel gas

Major Equipment

Lindsayca Guyana Inc. – Gas turbine combined-cycle island & balance-of-plant: TEG dehydration skids upstream of fuel-gas conditioning to protect SGT-800 turbines from hydrate and corrosion damage.

Siemens Energy – SGT-800 gas turbines + HRSGs: Ultra-dry fuel gas (<7 lb/MMscf) via glycol contactor + regeneration system is mandatory for turbine blade life and combined-cycle efficiency.

Guyana Power & Light Inc. (GPL) – Power Gen – Fuel-gas receiving & metering stations: On-site dehydration ensures consistent dry gas supply for reliable 300 MW baseload operations.

Kalpataru Projects International Ltd – High-voltage transmission substations & lines: Dry fuel-gas skids for backup generators and auxiliary power systems at new substation sites.

Power China / China National Machinery – 69 kV transmission infrastructure: Glycol dehydration for on-site construction power and long-term emergency generator sets tied to the GtE grid.

Guyana Power & Light Inc. (GPL) – Utilities – National grid control & SCADA systems: Reliable dehydrated fuel gas critical for backup power at control centres and key distribution nodes.

GlyGas Value: Advanced engineering review of dehydration integration for turbine protection, efficiency, and grid reliability.

Recent News Breaks

- GtE advancing swiftly (OPM/DPI, Apr 2026)
- Pipe racks & turbines installed (Mar 2026)

Target Job Titles

- GPL Engineering Manager • Gas Supply / Fuel Gas Specialist
- Lindsayca Project Director • Operations & Maintenance Lead
- Power Plant Technical Director

3. Mining Sector (Bauxite & Gold)

Gas/LNG/CNG for remote calcining & refining • MAZ ramp-up + new gold mines

Key Companies & URLs

Company Name	Key Focus / Relevance to GlyGas	Website / URL	Contact / Notes
Bosai Minerals Group Guyana Inc.	MAZ metallurgical bauxite calcining – Linden/Region 10	https://www.bosai.com.gy/	Fuel gas for kilns; dehydration prevents hydrate issues in calciners
G Mining Ventures	Oko West Gold Project – process heat & power	https://gmin.gold/	Remote LNG/CNG supply; modular TEG skids essential
RUSAL Guyana	Berbice bauxite restart – refining & drying	https://www.rusal.ru/en/	Pipeline gas dehydration for dryers and boilers
Guyana Goldfields (Aurora)	Remote camp power & ore processing	https://www.guyanagoldfields.com/	On-site dehydration for generator fuel gas reliability

Major Equipment

Bosai Minerals Group Guyana Inc. – Bauxite calciners & rotary kilns (MAZ plant): Glycol dehydration skids for fuel gas ensure dry combustion air, preventing hydrate blockages and improving calcination efficiency.

G Mining Ventures (Oko West) – On-site power generation & process heat systems: Modular TEG units for LNG/CNG feed gas protect generators and dryers from corrosion in remote gold processing.

RUSAL (Berbice restart) – Alumina refining & bauxite drying operations: Dehydration of pipeline gas upstream of dryers and boilers to maintain product quality and equipment reliability.

Guyana Goldfields (Aurora) – Remote camp power & ore processing plants: On-site glycol dehydration + NGL recovery for reliable fuel gas supply to generators and heating systems.

GlyGas Value: Offshore-to-onshore expertise for safe, efficient dehydration without CAPEX overbuilds (API/SPE standards).

Recent News Breaks

- Bauxite up 53%+ in 2025 (Kaieteur)
- Oko West mining license granted (Dec 2025)

Target Job Titles

- Mining Operations Manager • Energy & Utilities Director
- Process Engineer (Gas Systems) • Sustainability / Decarbonization Lead
- Project Engineering Manager

4. Energy-Intensive Manufacturing & Wales Industrial Zone

Glass manufacturing, agro-processing, data centres, gas bottling

Key Companies & URLs

Company Name	Key Focus / Relevance to GlyGas	Website / URL	Contact / Notes
Lindsayca Guyana Inc.	Gas bottling & logistics infrastructure	https://lindsayca.com/	Bidding on bottling plants; dehydration for NGL products
Wales Industrial Zone (Govt-led)	Glass, agro-processing & data centre anchors	https://www.newsroom.gy/ (Wales Zone updates)	Multiple new plants requiring fuel-gas dehydration skids
Propak Systems Ltd (Canada)	Modular gas bottling & processing plants	https://propaksystems.com/	Consortium partner; on-site TEG systems for bottling

Major Equipment

Lindsayca Guyana Inc. – Gas bottling & logistics skids: TEG dehydration units for NGL-derived propane/butane to meet product specs and prevent hydrate formation in filling lines.

Government-led Wales Industrial Zone – Anchor glass manufacturing & agro-processing plants: Fuel-gas dehydration skids for high-temperature glass furnaces and agro dryers to ensure clean combustion and product quality.

Propak Systems Ltd (Canada) – Modular gas bottling & processing plants: On-site glycol contactor + regeneration systems for reliable dry gas feed to bottling compressors and storage.

Data Centre & Power Developers (Wales Zone) – Backup generators & cooling systems: Ultra-dry fuel gas via modular dehydration to guarantee 99.99% uptime for critical IT loads.

GlyGas Value: Tailored modular consulting as cheap gas attracts new plants in the Wales zone.