

Presentation on VRA's 2019 Performance

November 2020

Presentation Outline



Financials

Power Operations

**Performance Analysis
2016 - 2019**

Signature Projects

Our Subsidiaries

**Corporate Social
Responsibility**

Looking Ahead

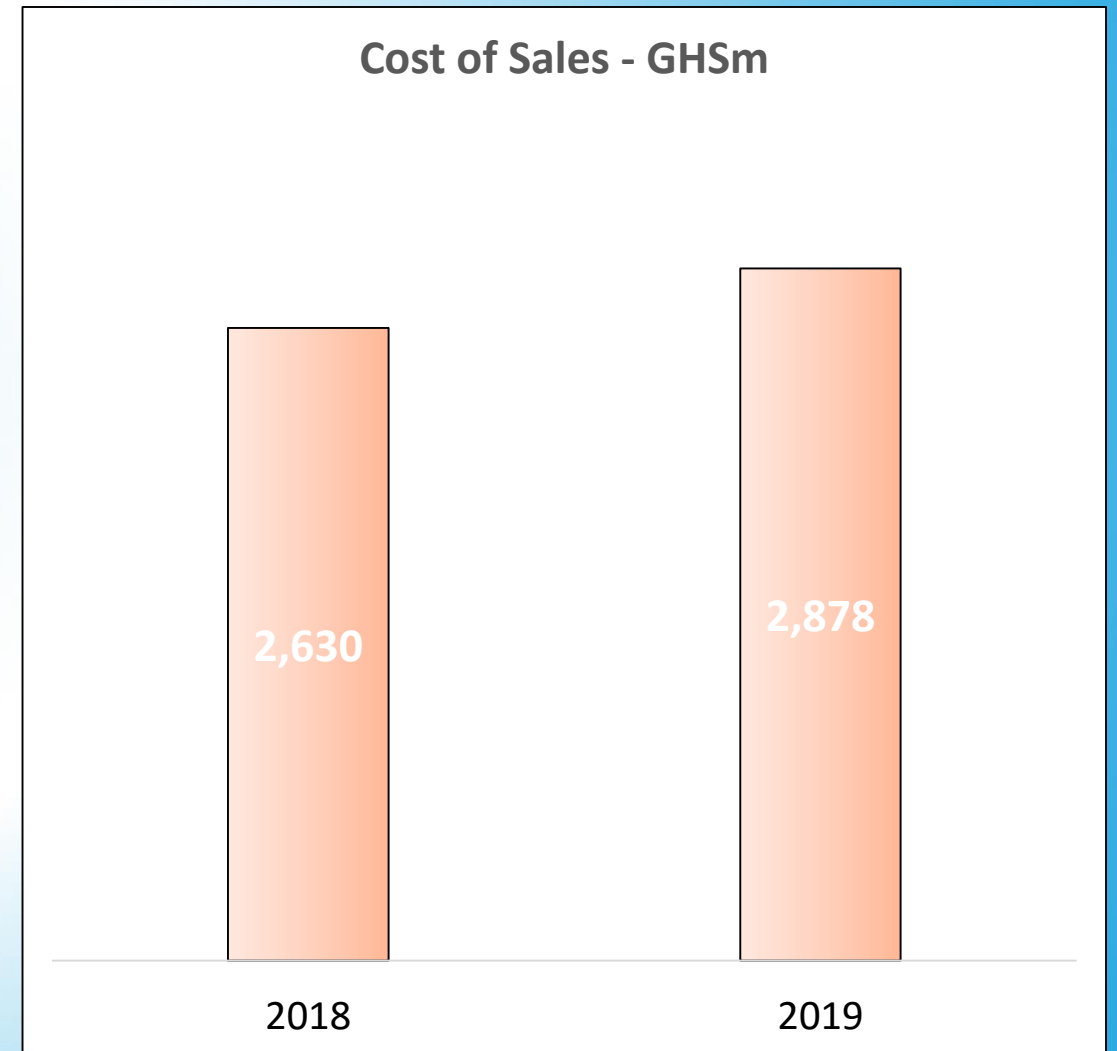
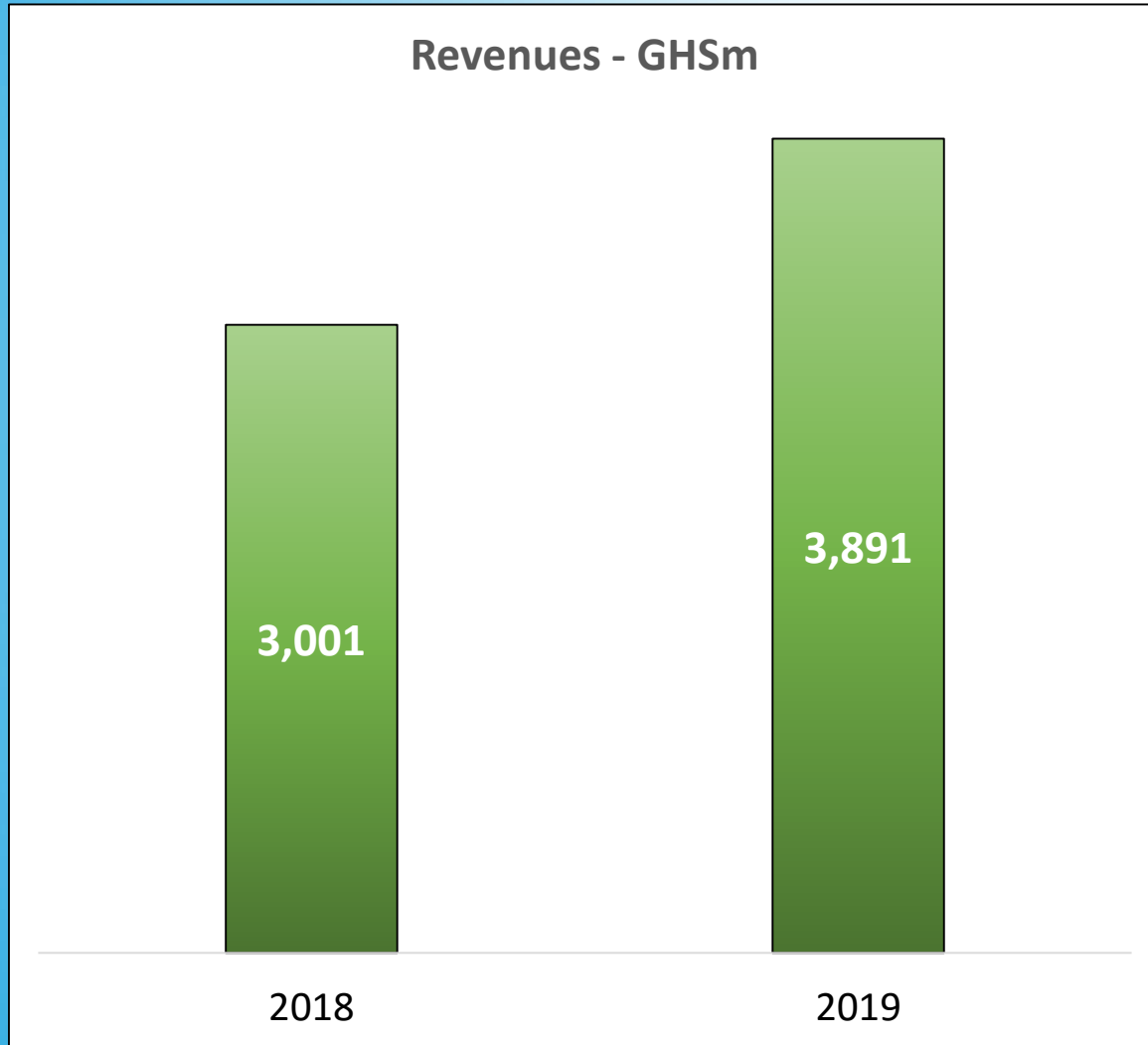
Final Words

THE NEW VRA



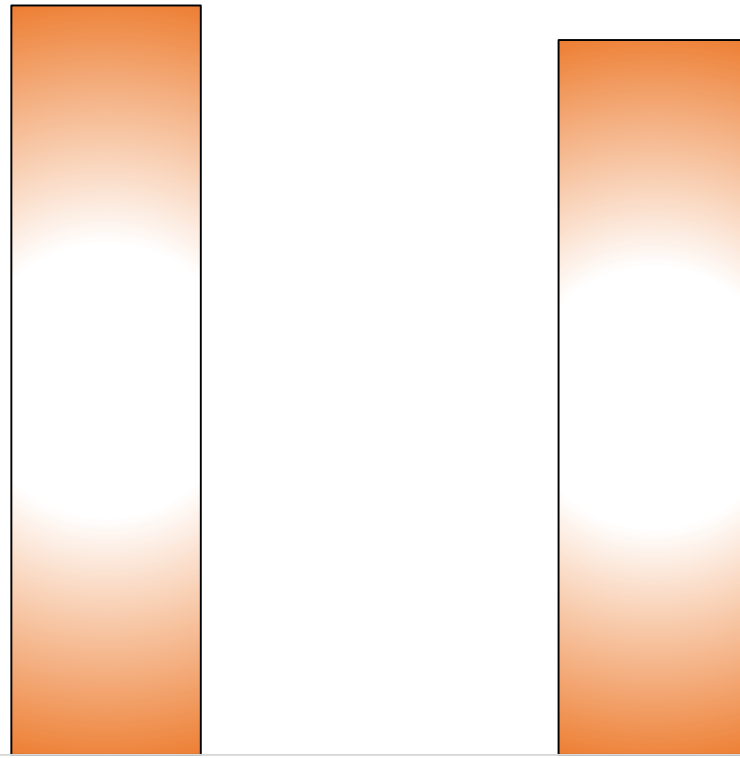
Financials

Financials: 2018 - 2019



Financials: 2018 - 2019

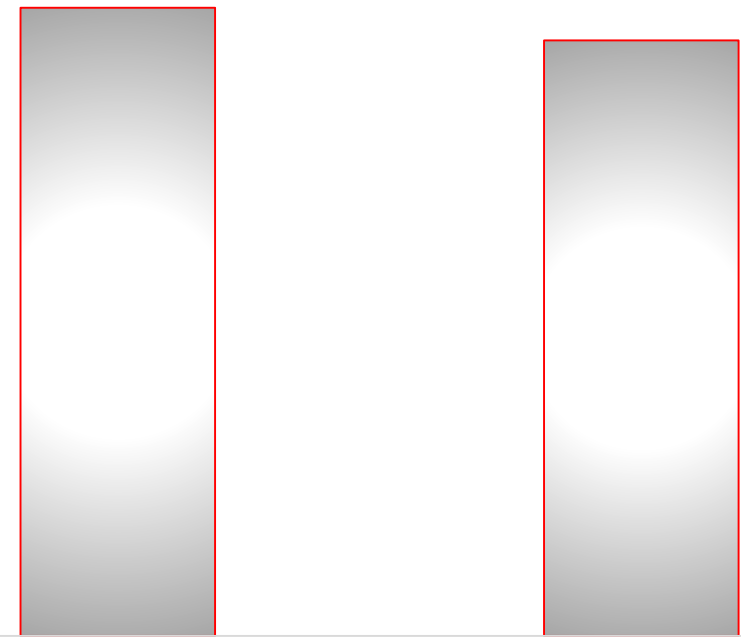
Administrative Costs - GHSm



2018

2019

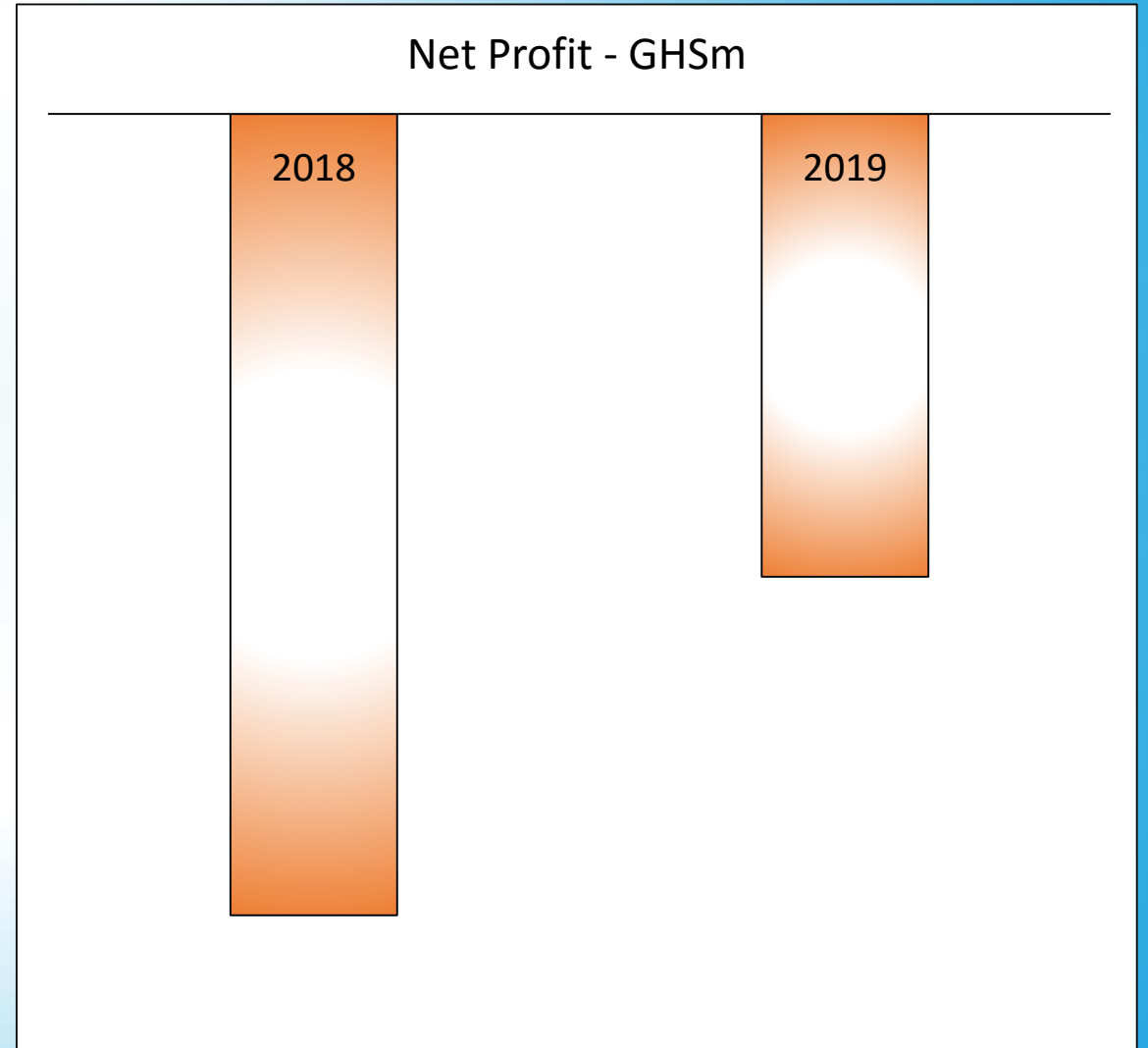
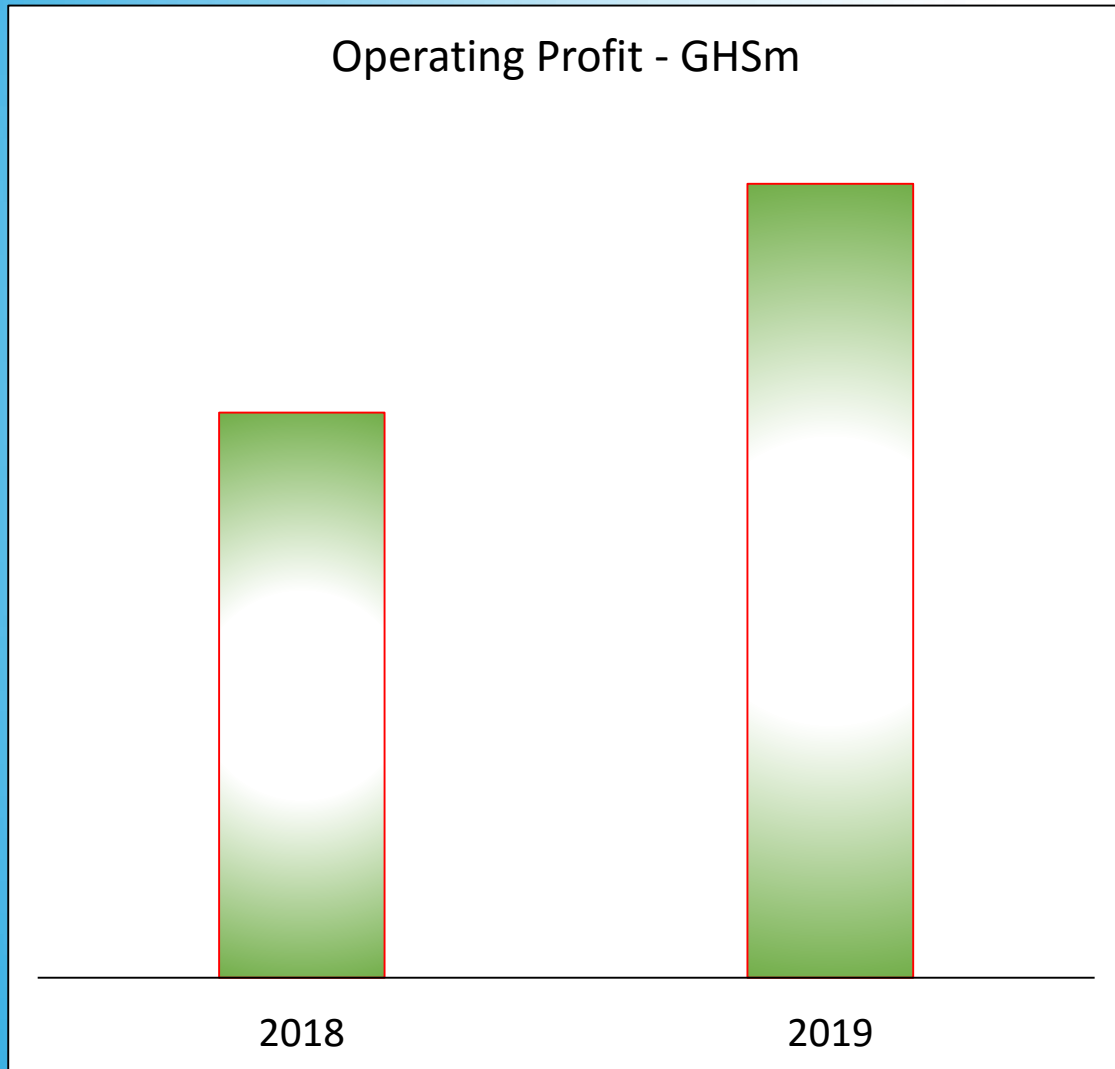
Financial Expenses (excl. Lease Costs) – GHSm



2018

2019

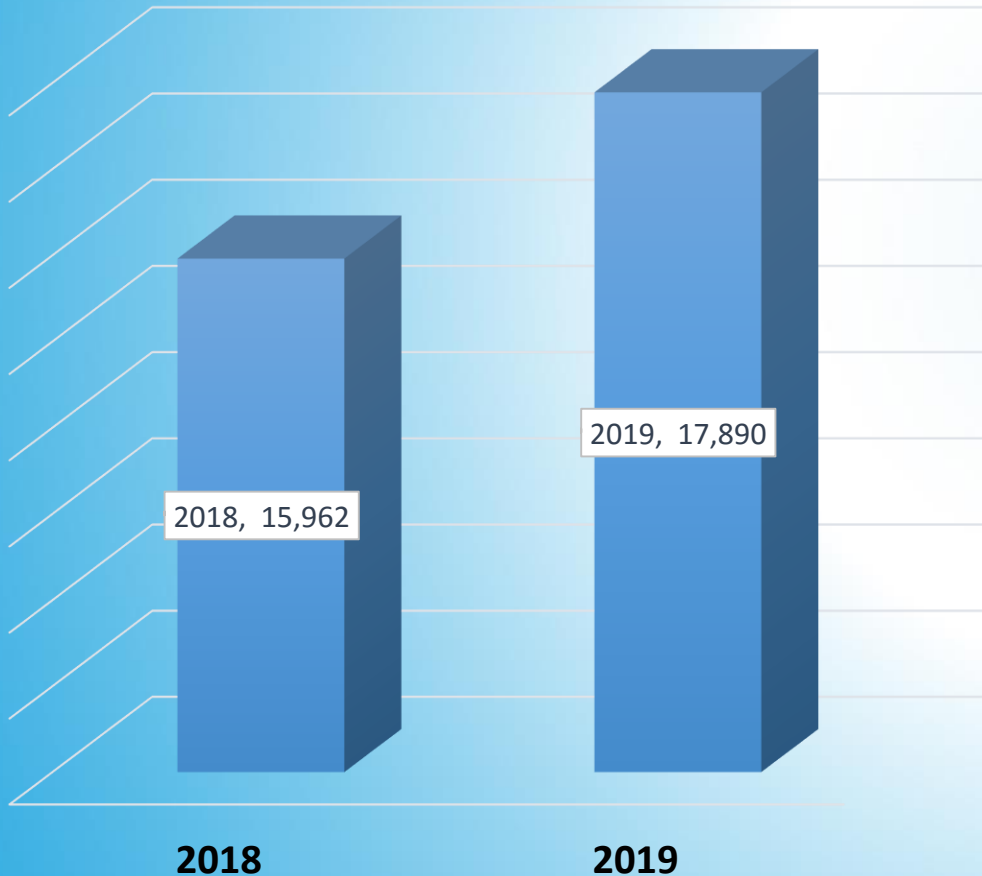
Financials: 2018 - 2019



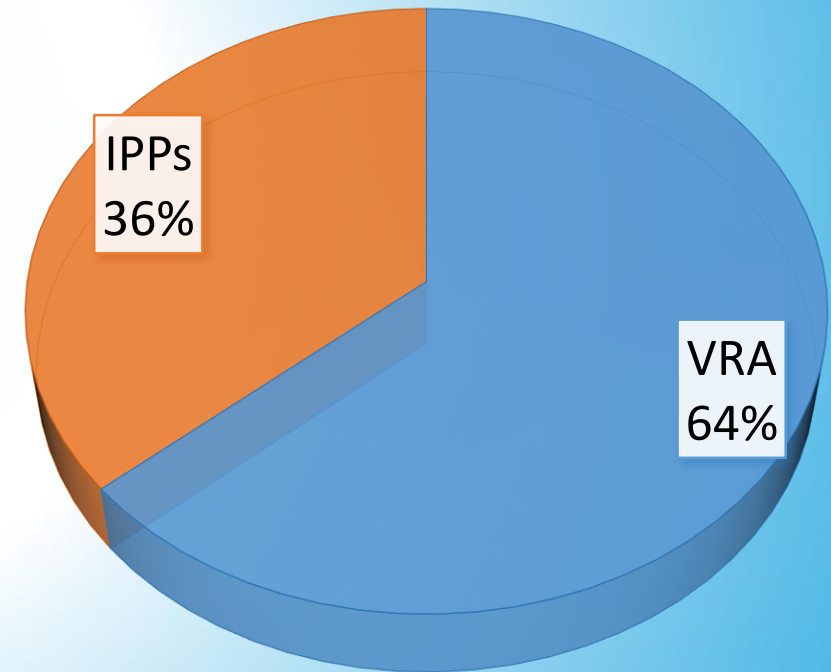
Power Operations

National Demand

Ghana Energy Demand - GWh

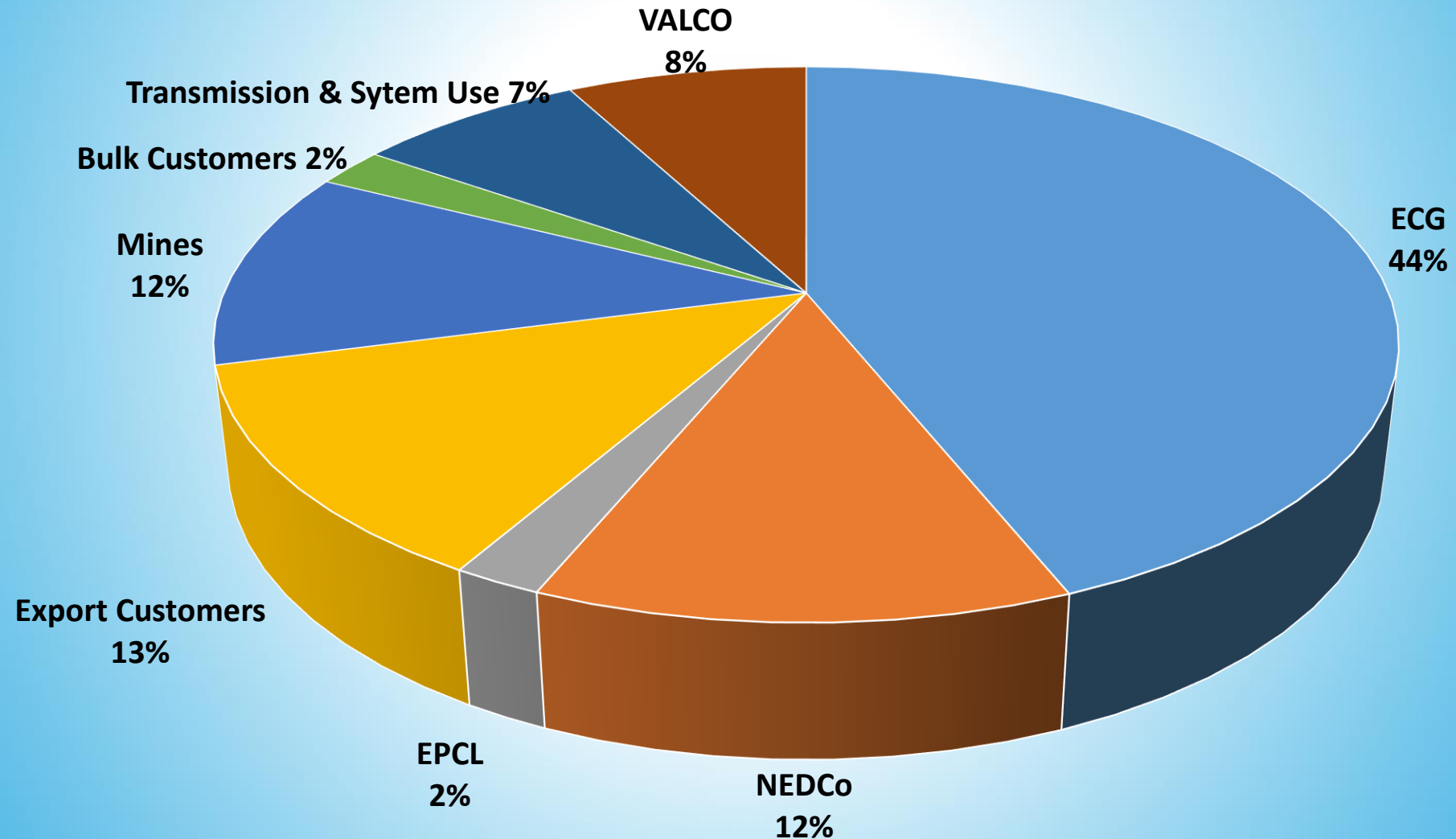


MARKET SHARE

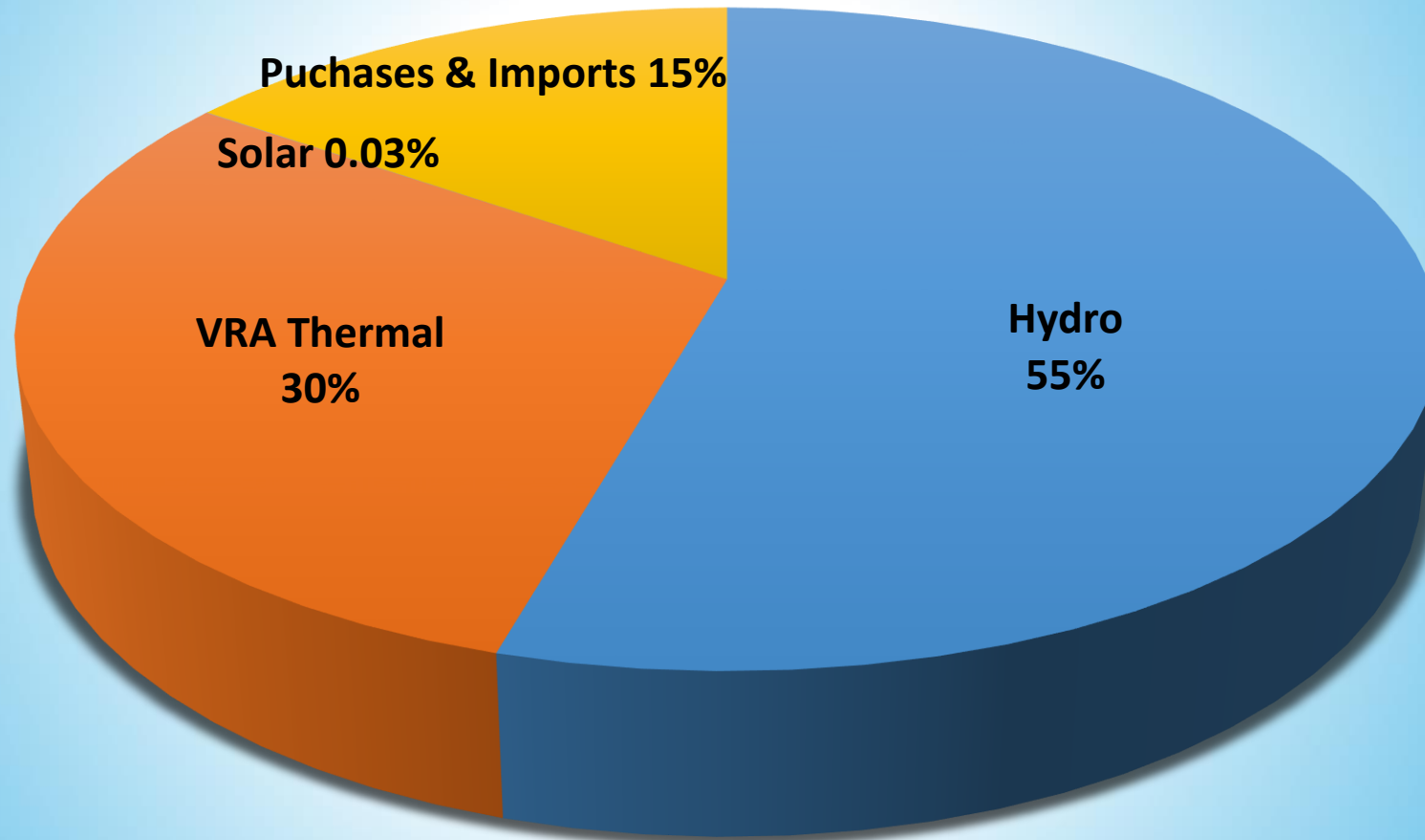


12% National Energy growth; VRA increased from 60% in 2018 to 64% in 2019

VRA Customer Electricity Demand - 2019



VRA Electricity Supply - 2019

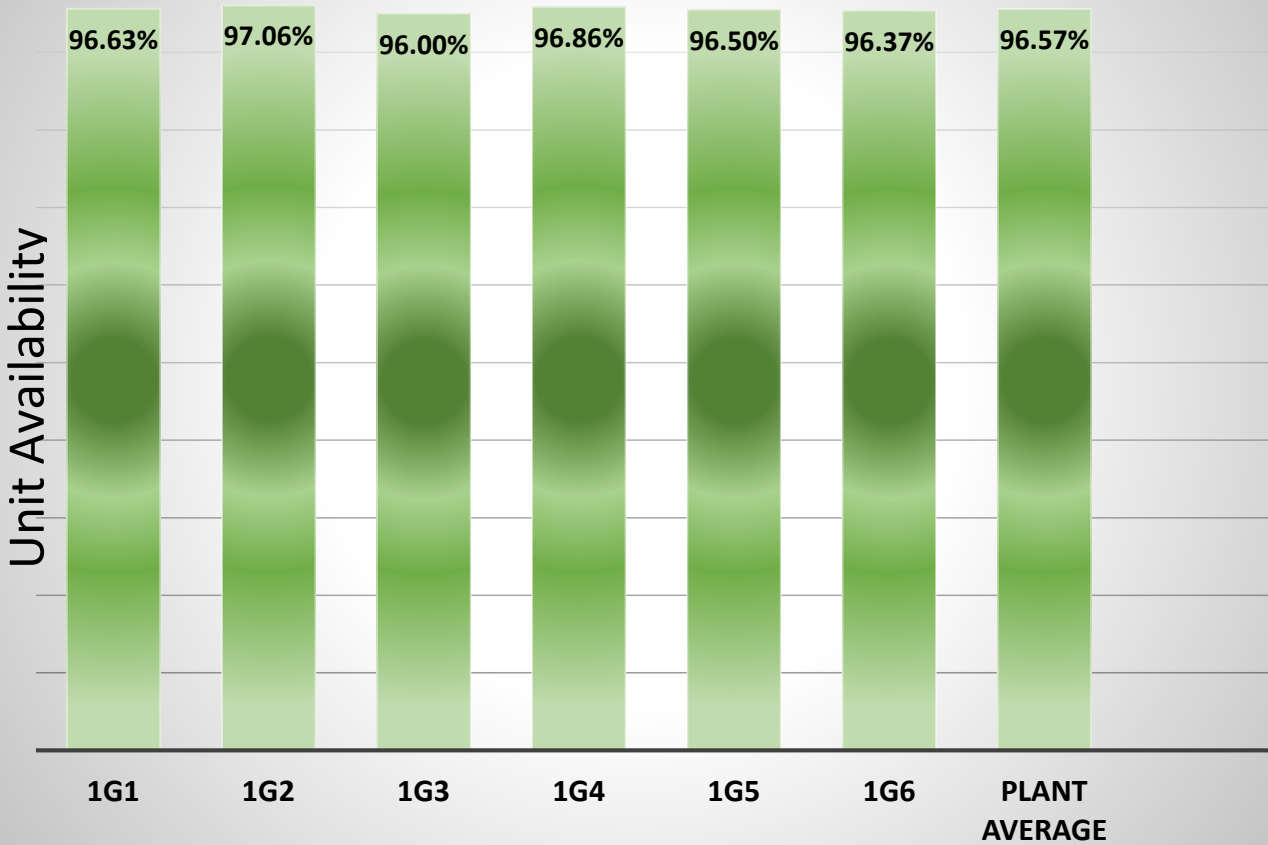


■ Hydro ■ VRA Thermal ■ Solar ■ Purchases & Imports

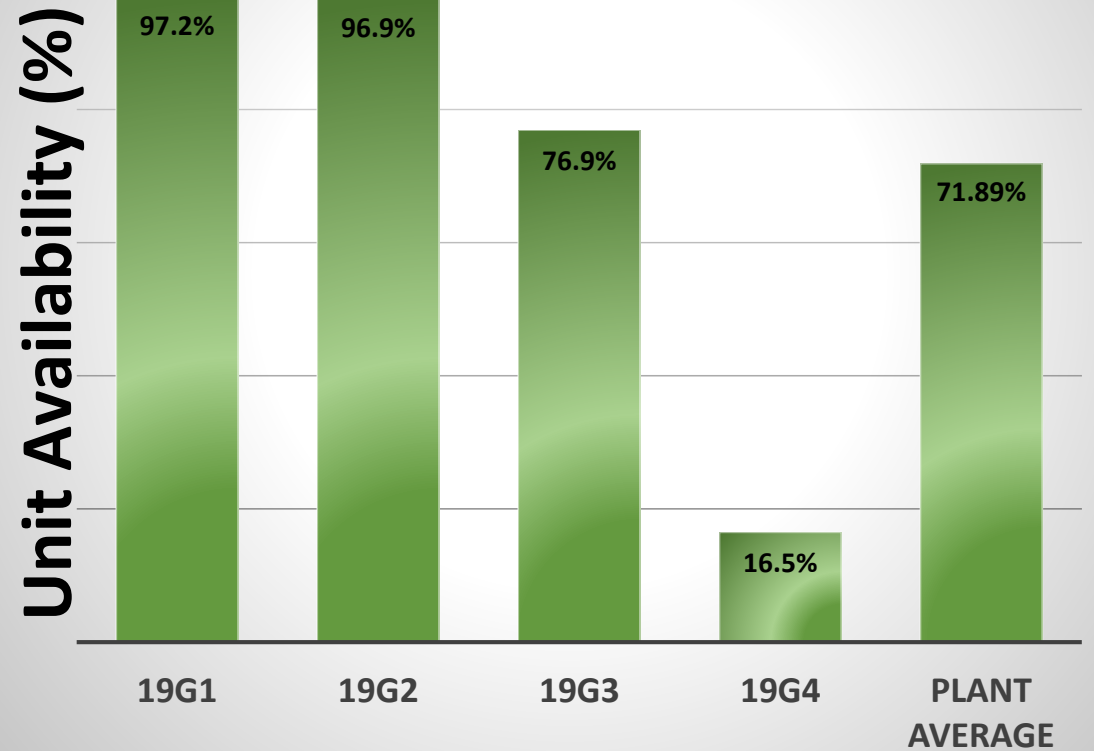
Hydro generation was 5,044GWh (52%) in 2018 and 6,208GWh (55%) in 2019

Hydro Operations – Plant Availability

Akosombo GS Performance January - December 2019

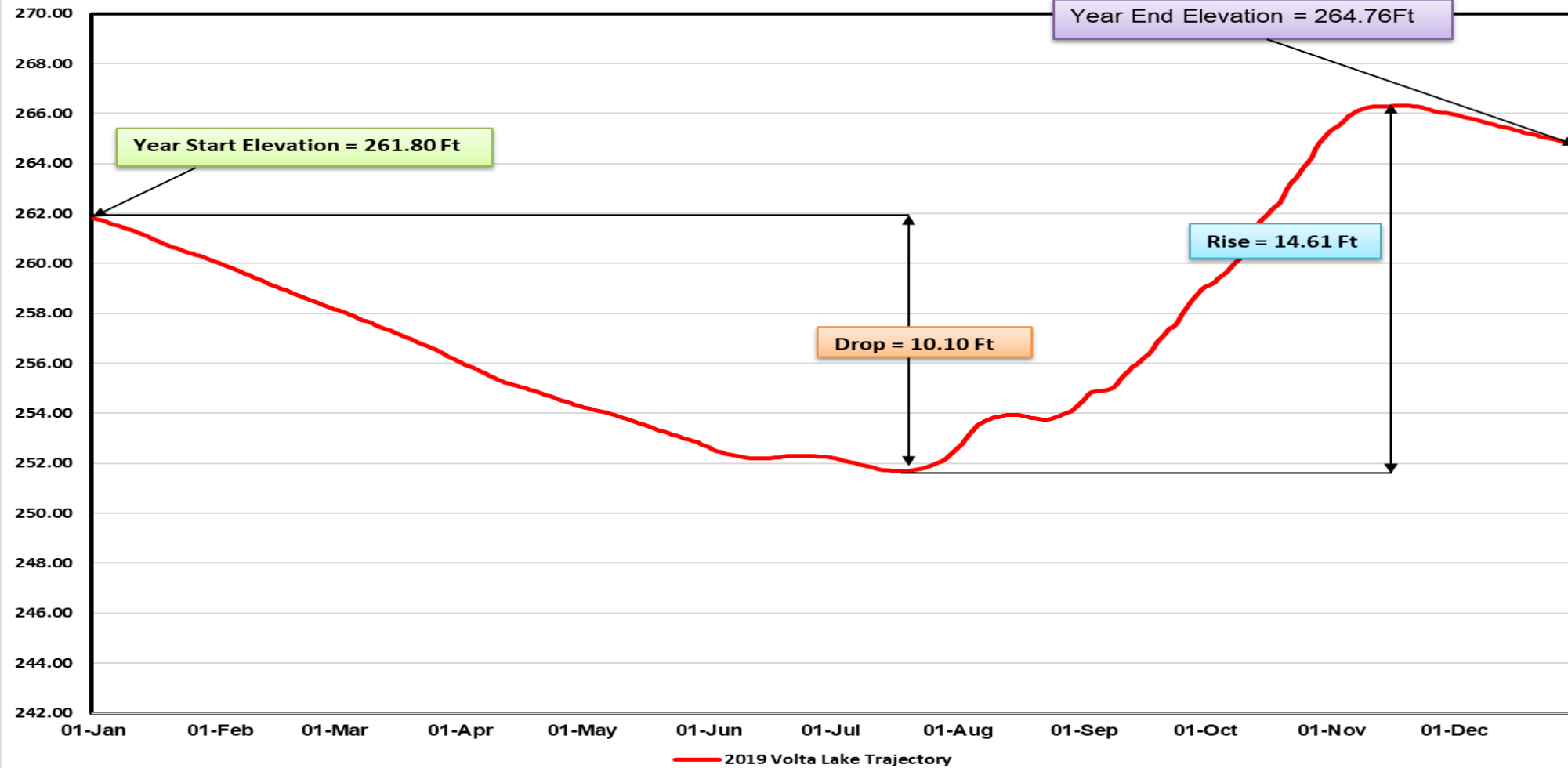


Kpong GS Unit Availability Factor for January - December 2019



Hydrology

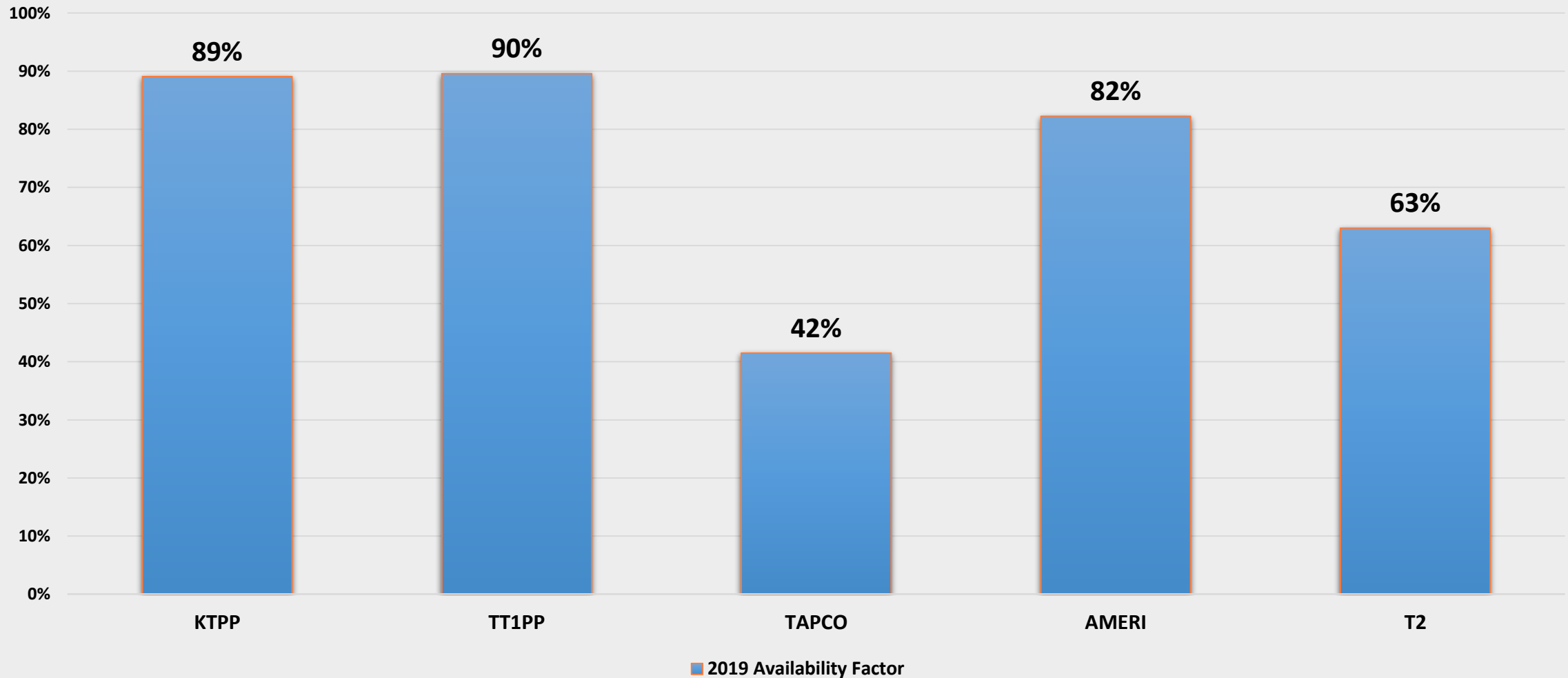
2019 VOLTA LAKE TRAJECTORY



Net Inflow
for 2019 was
33.43 MAF

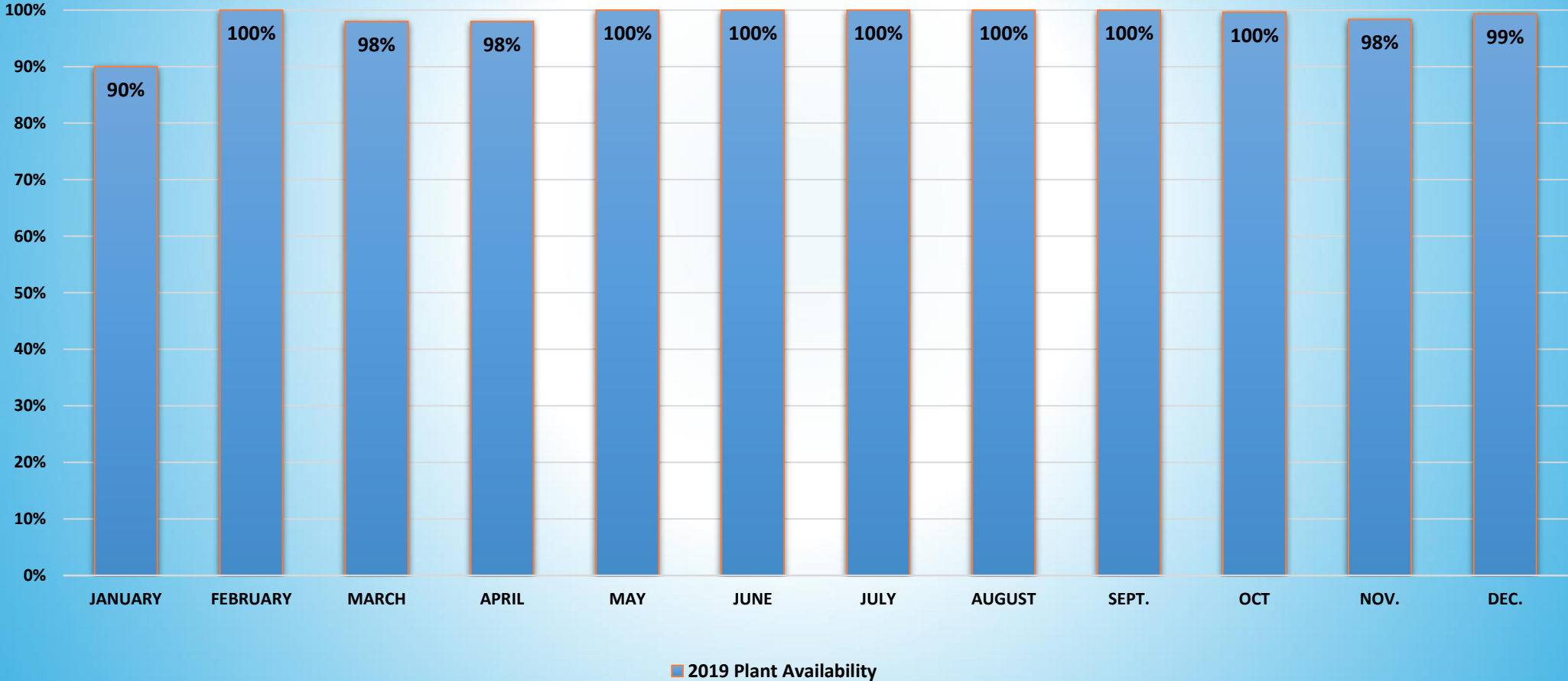
Thermal Operations – Plant Availability

PLANT AVAILABILITY - DECEMBER 2019



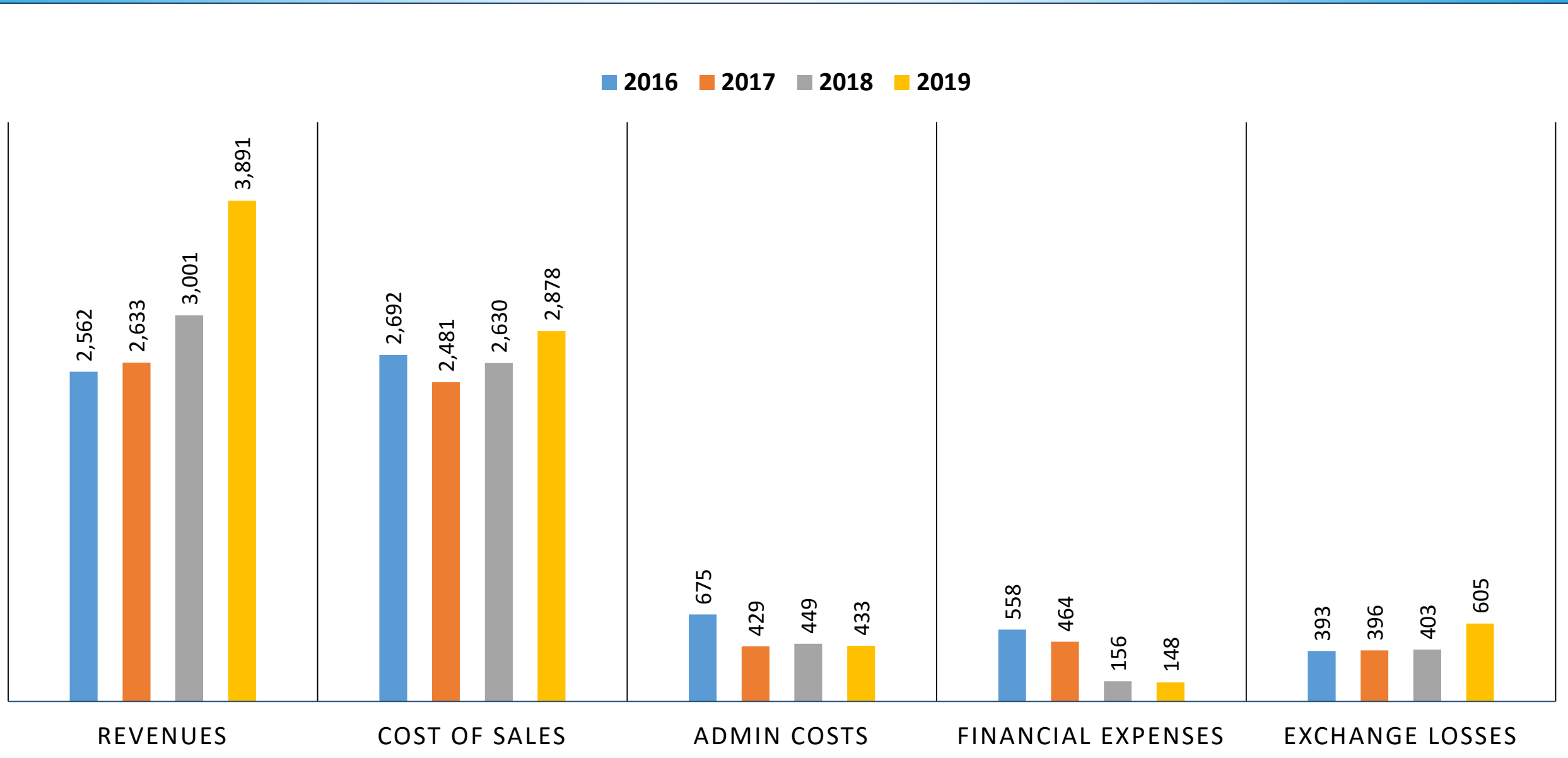
Solar Operations

Navrongo Solar Power Plant Availability & Capacity Factor for Jan - December 2019

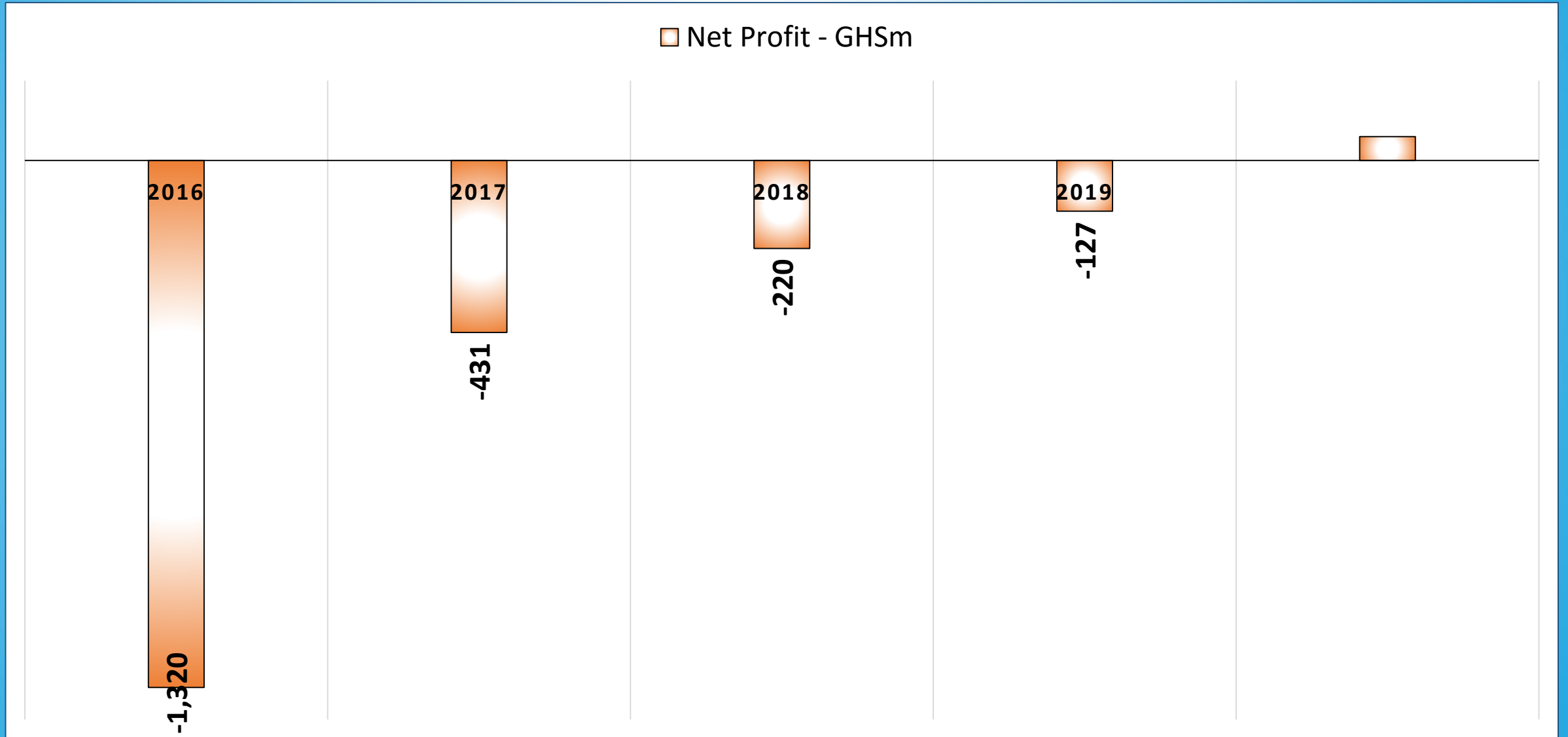


Performance Analysis 2016 - 2019

Performance Analysis (GHSm)

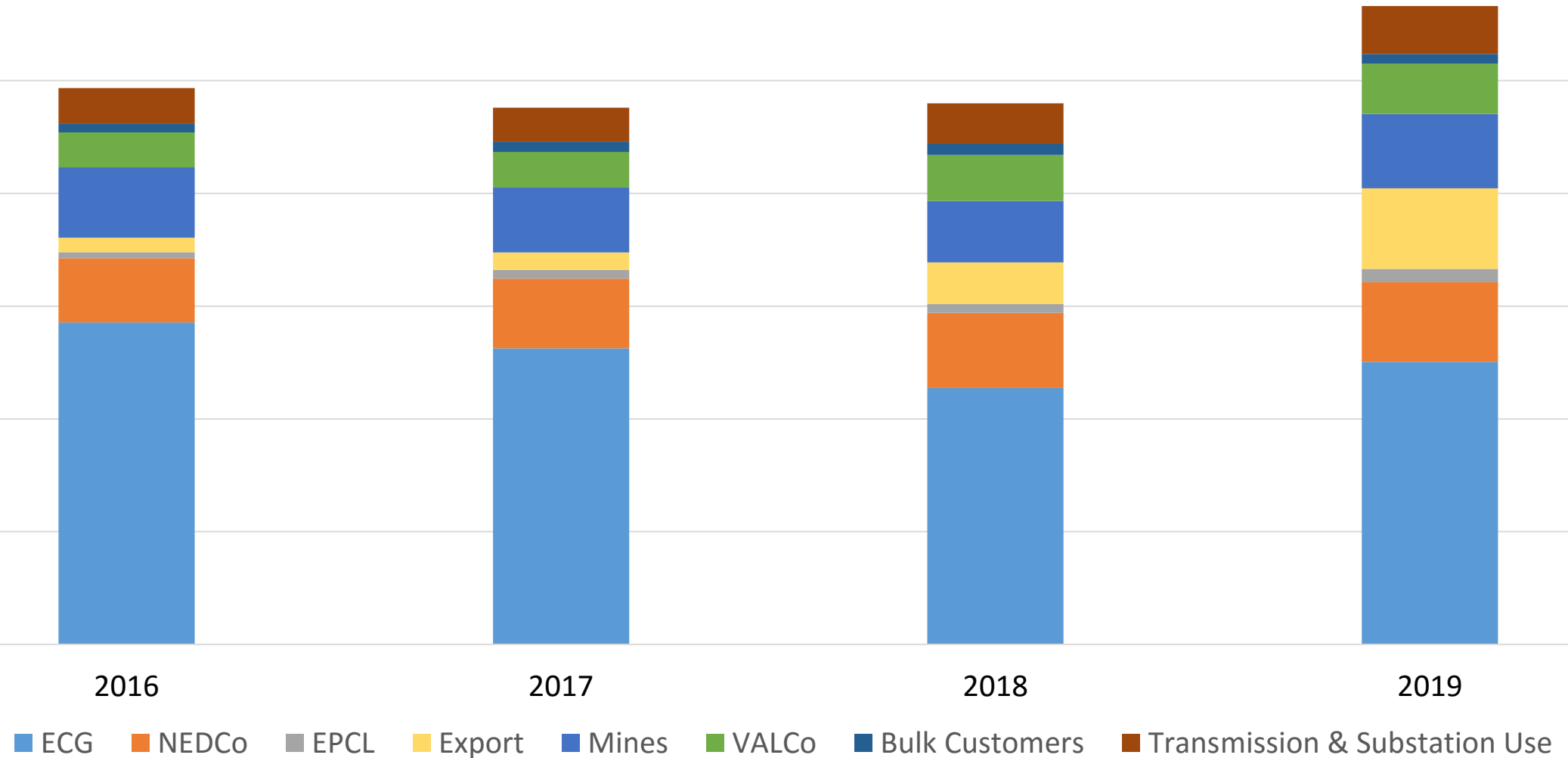


Performance Analysis

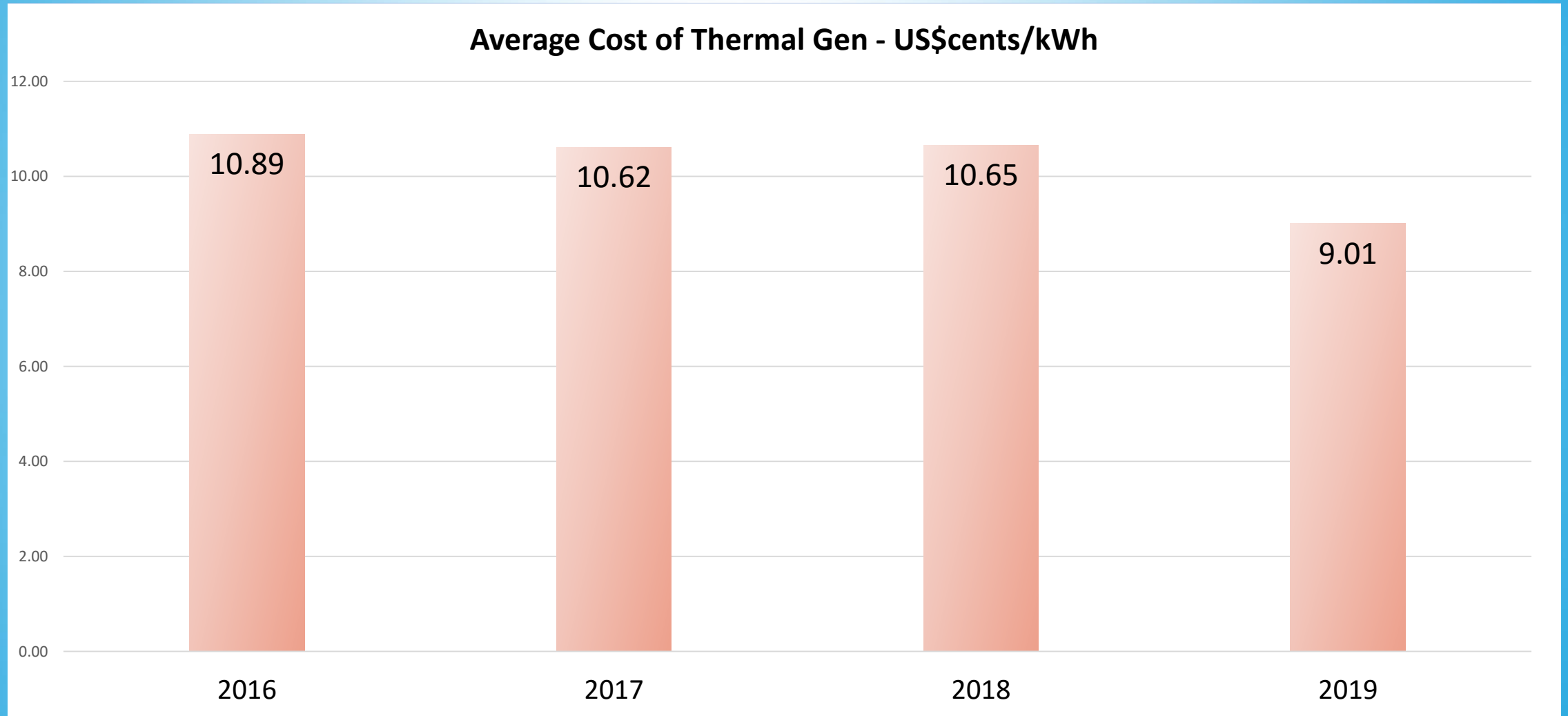


Performance Analysis

Customer Demand - GWh

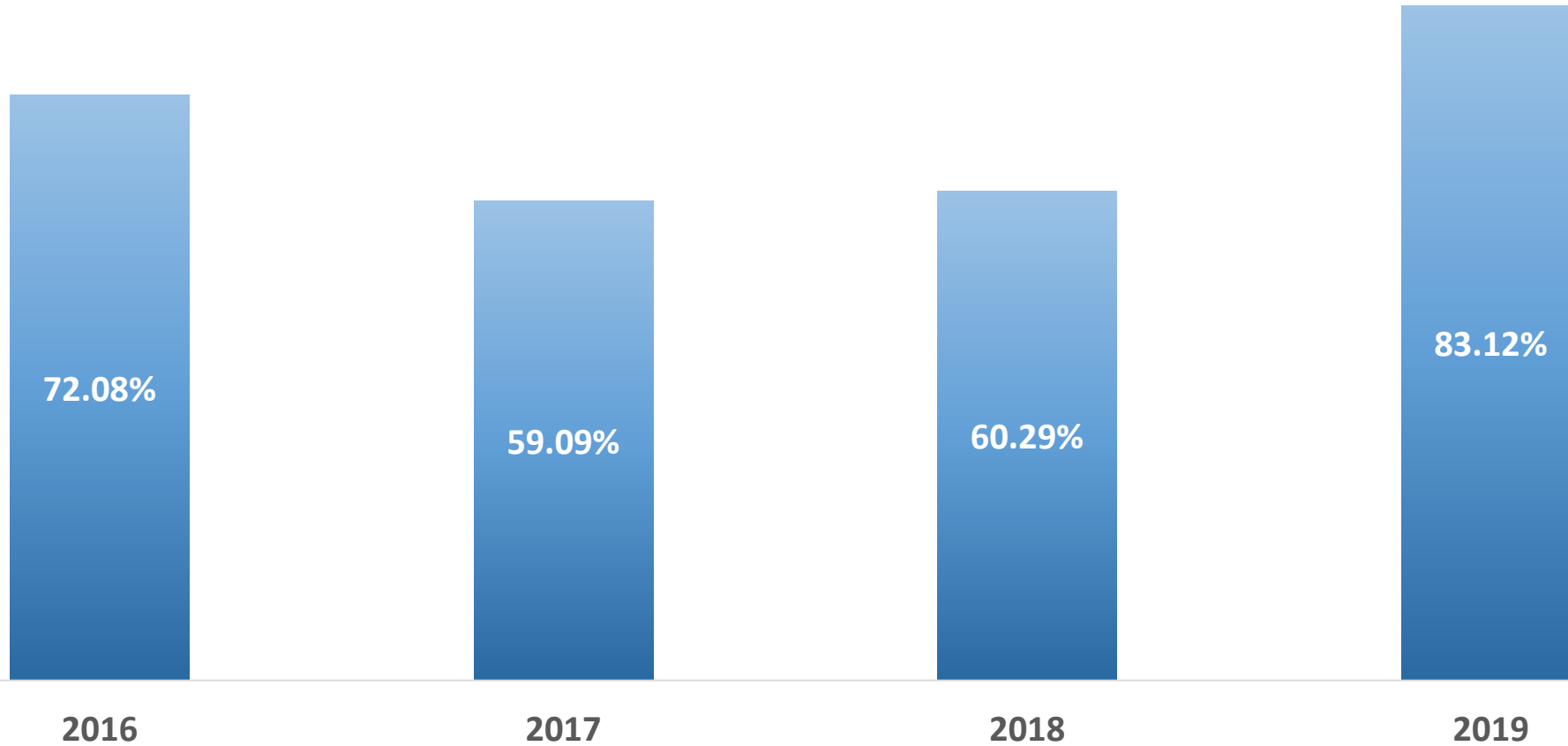


Performance Analysis



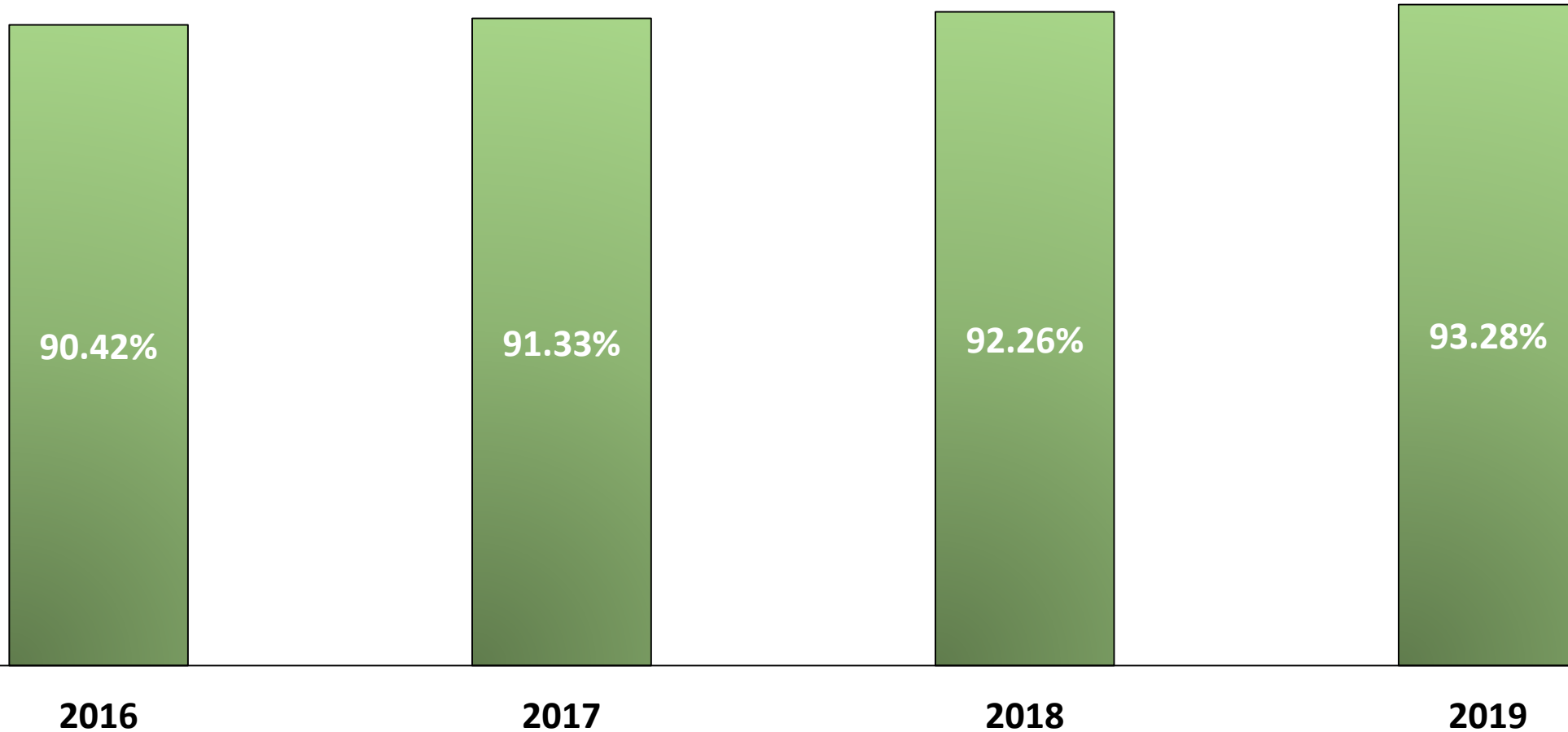
Performance Analysis

Plant Availability (Thermal Generation)



Performance Analysis

Plant Availability (Hydro Generation)



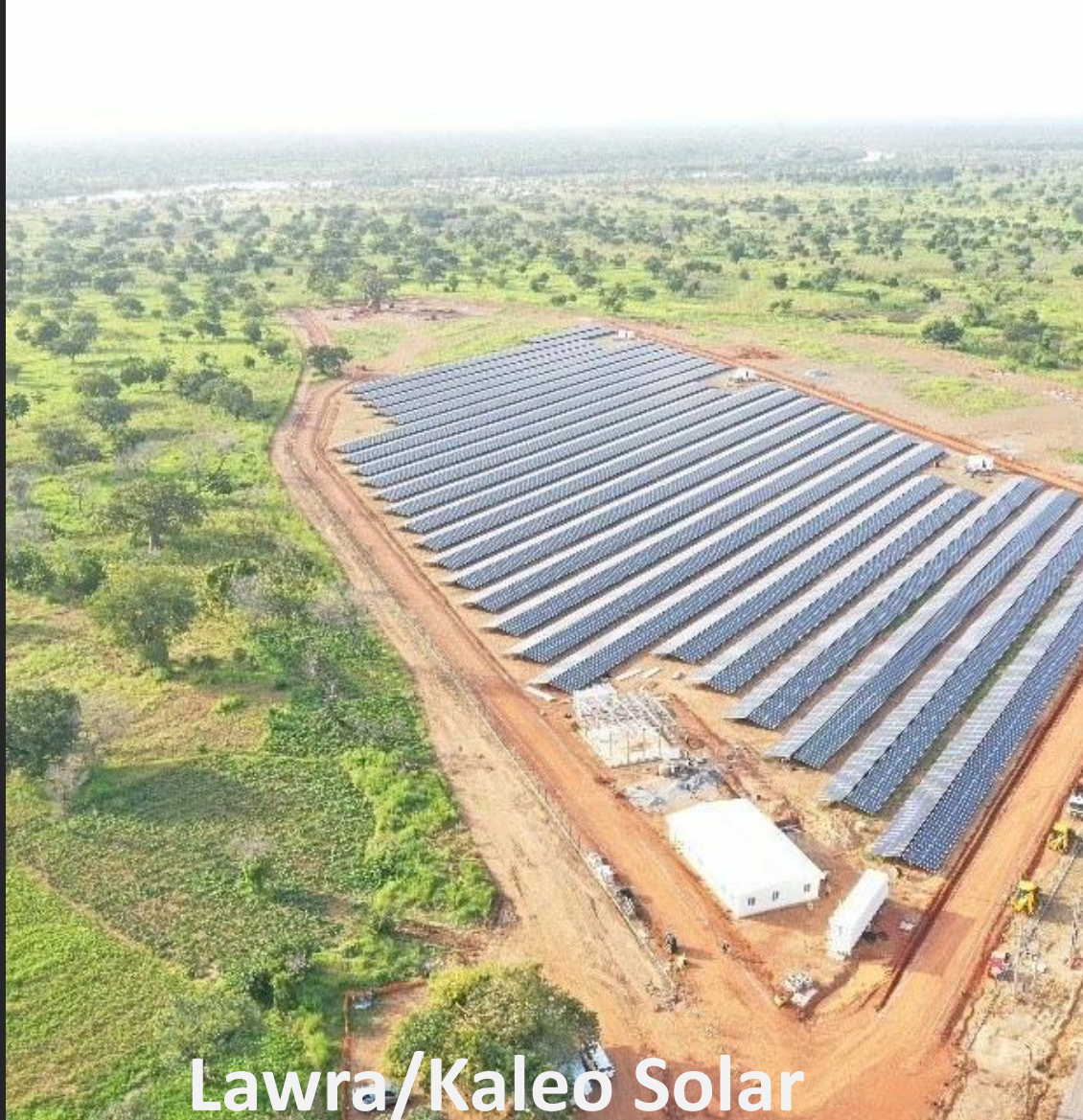
Signature Projects



Tema R&M Station



Head Office Solar



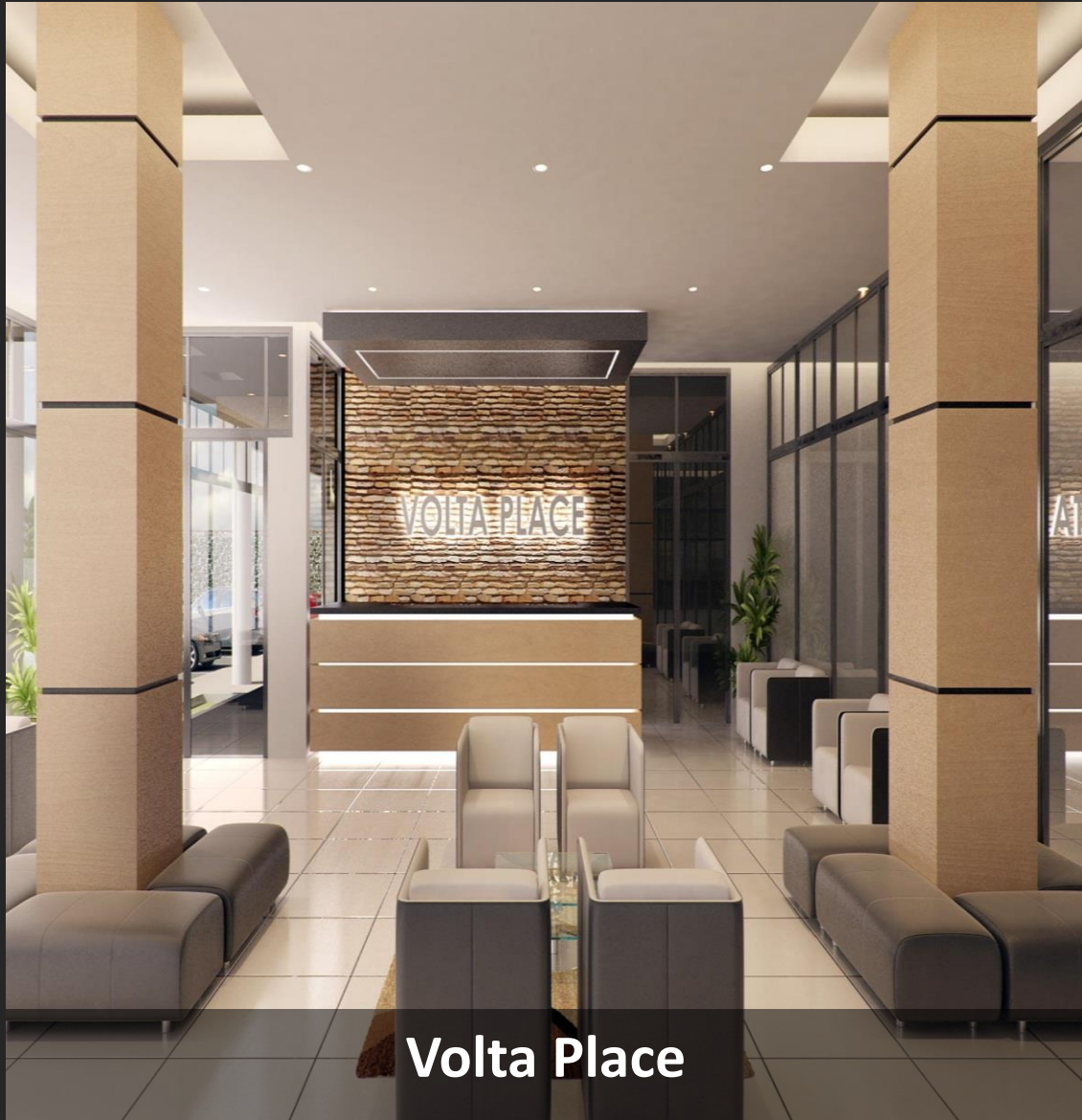
Lawra/Kaleo Solar



Kpong Retrofit



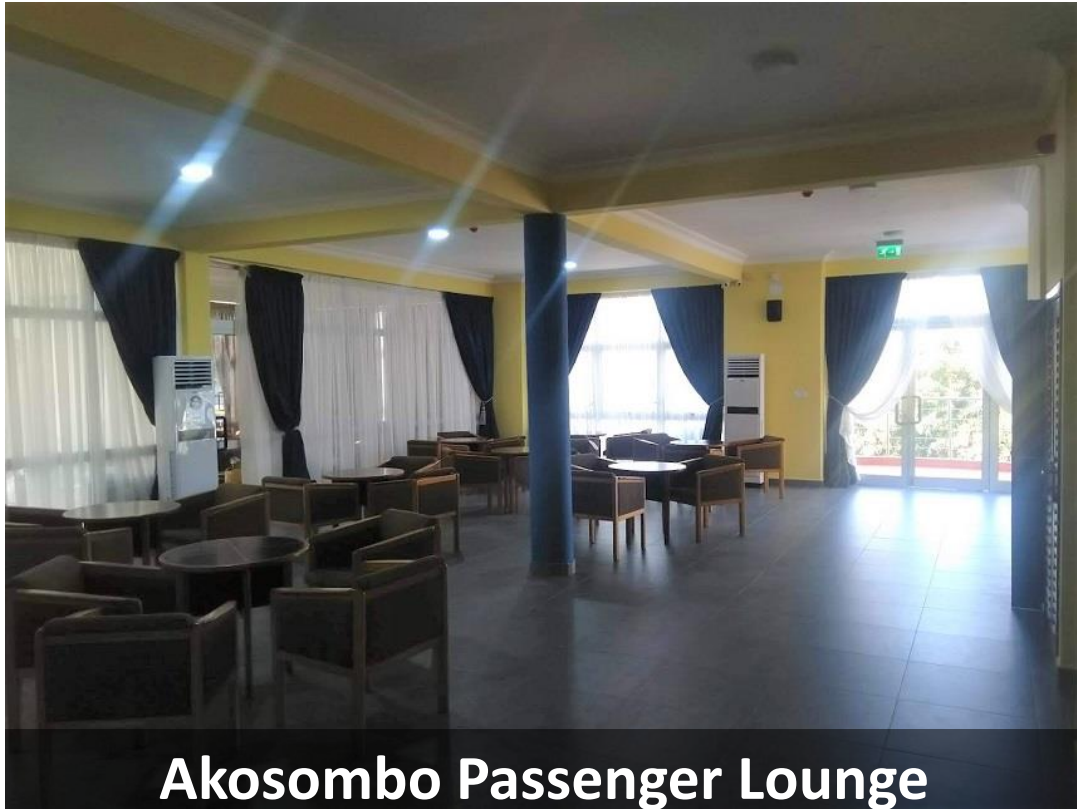
Pwalugu Hydro Project



Volta Place



Dodi Princess II



Akosombo Passenger Lounge



Akosombo Eye Clinic



**Akosombo School
Complex Renovation**



**Aboadze JHS
Complex**



ESD Office Complex - Akuse



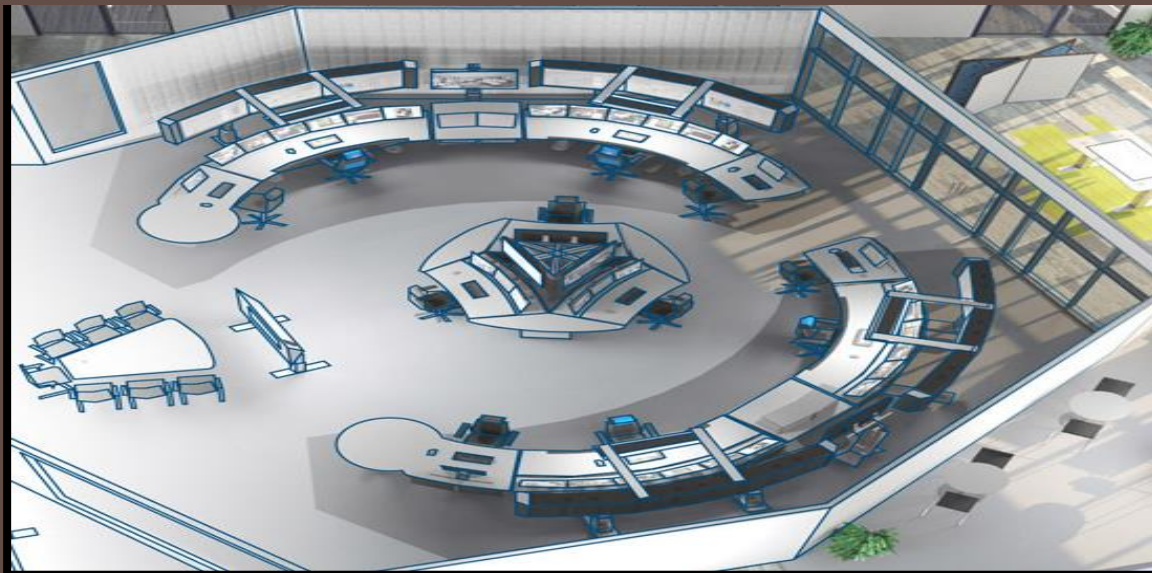
Up & Coming



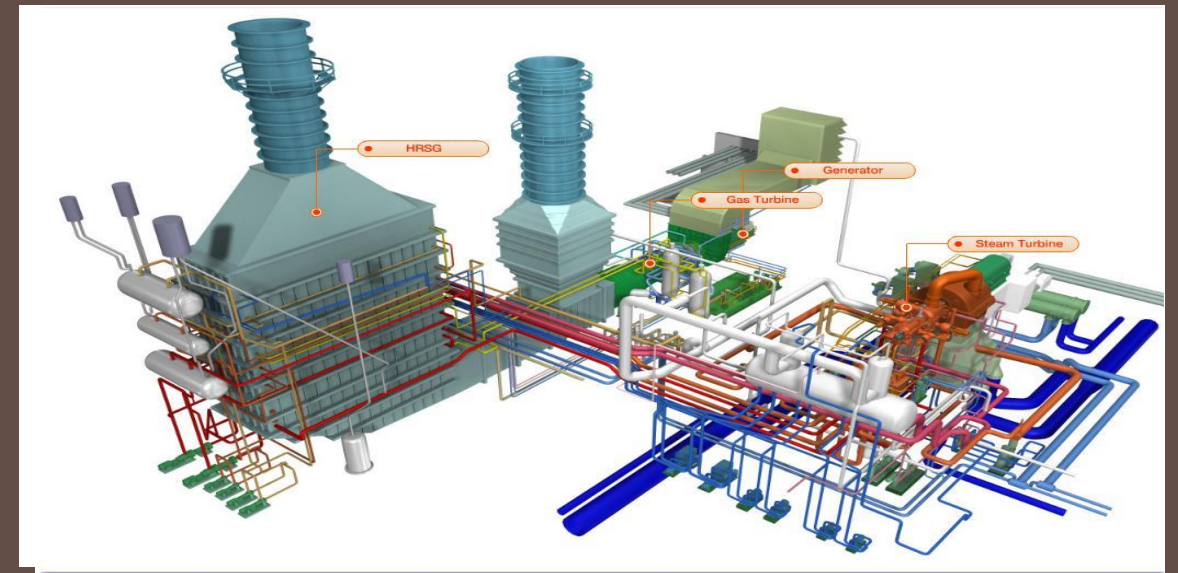
Kaleo Phase 2



75MW Wind Farm



Corporate SCADA System



KTPS Combined Cycle

Our Subsidiaries

VRA Subsidiaries



Corporate Social Responsibility

Sanitation Projects



Water Projects

Teikpitikorpe (Ada East) & Volo Community (North Tongu)



Career Guidance And Teaching for Senior High Schools



Scholarship Programme



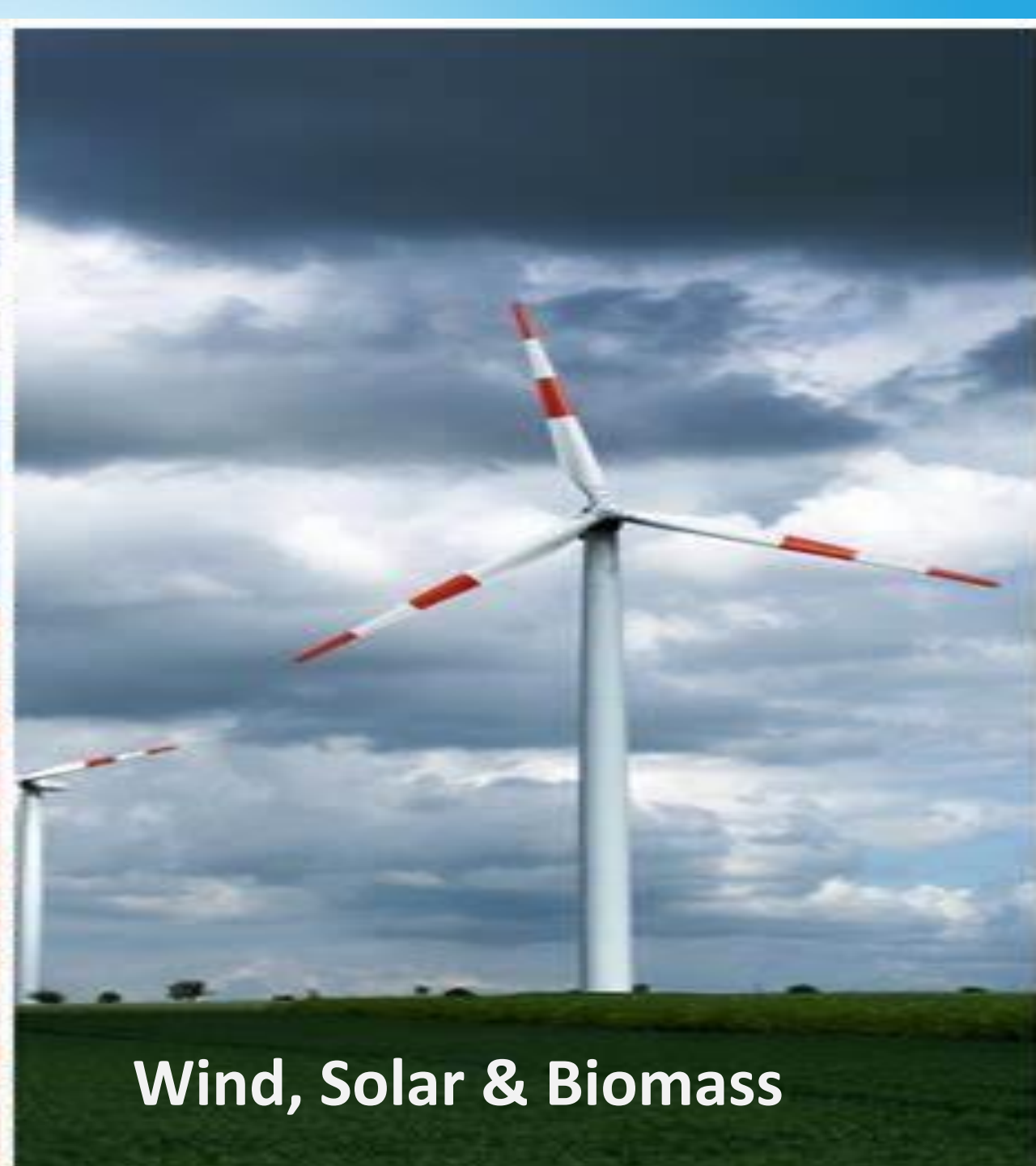
Looking Ahead

Combining Public Sector Excellence with Private Sector Mindset

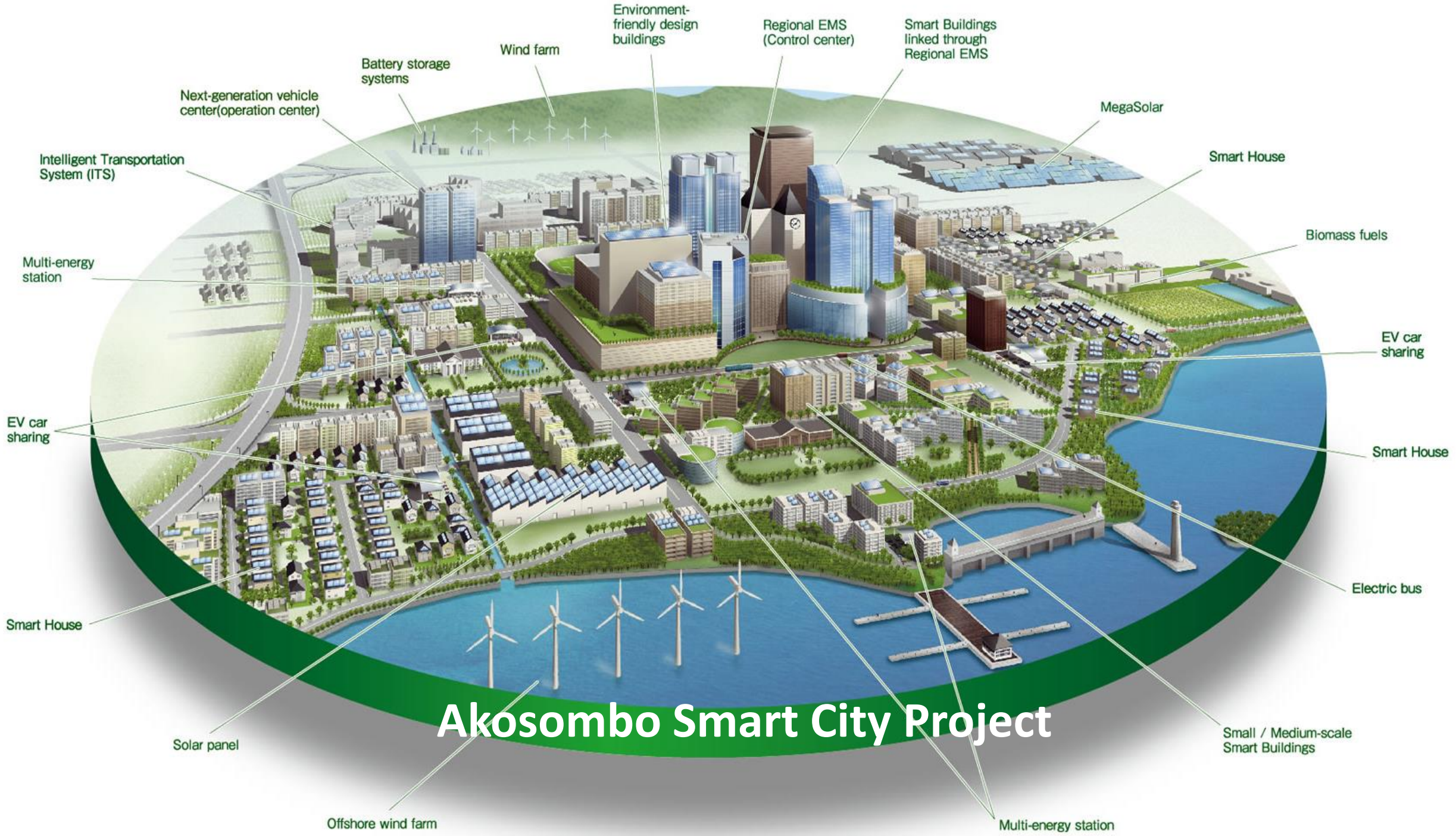


Digitization & Automation





Wind, Solar & Biomass



Final Words



Thank you