Georgia Global Utilities

Investor presentation

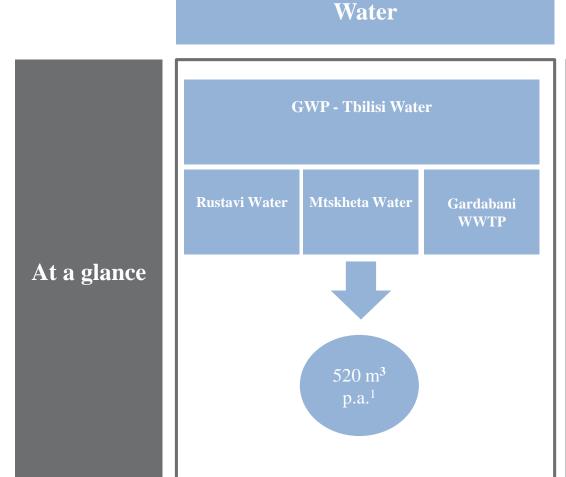
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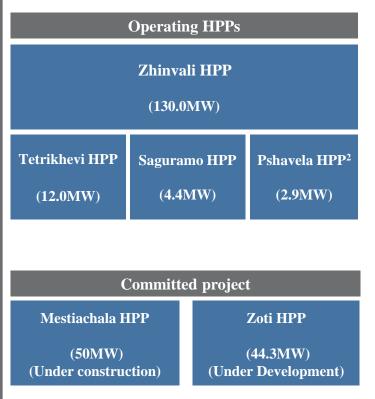
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GGU October 2017

GGU Group



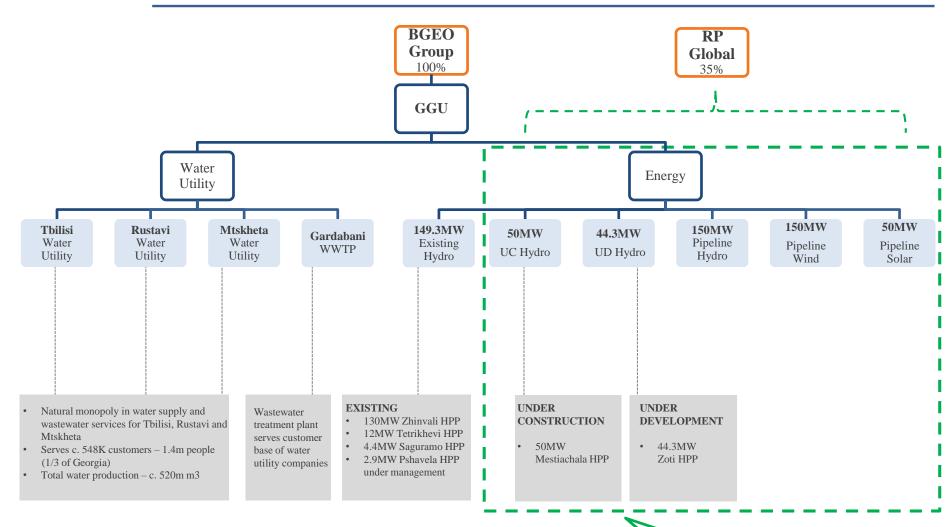
Energy



Note:

- 1. Water production
- 2. Under operating lease

GGU structure by shareholders and activities



Note:

- 1. UC refers to under construction
- UD refers to under development
- WWTP refers to wastewater treatment plant

Information on renewable projects are provided separately on an indicative basis

Partnership in hydro & other renewables



BGEO Group



RP Global

Georgia focused investment platform

Austria-based renewables IPP

65% majority shareholder

35% shareholder

Georgia's leading investment platform.

Owns & operates 149.3 MW of hydro power capacity in Georgia in its GGU water utility and energy business.

30 years experience in developing, building, owning and operating renewable power plants, globally (hydro, wind & solar).

BGEO Group and RP Global teamed up in 2014 with an initial focus on developing specific hydro power plants

The partnership was deepened in Q1/2017 with the target to establish Georgia's leading renewables developer, as an integral part of BGEO's GGU water utility and energy business

GGU's energy arm develops and implements a diversified renewable power portfolio in Georgia, split between the three main renewable technologies of hydro, wind and solar

GGU selects best project opportunities from an identified potential for each technology and aims to develop additionally on top of the existing 149.3MW installed capacity about 400MW in the mid term, out of which 50MW are under construction and 44.3MW are ready to build

IPO in 2-3 years time

GGU strategy

CURRENT STANDING

MEDIUM TERM GOAL

TARGETING

WATER UTILITY

REVENUE 2016: GEL 117.1m **EBITDA 2016:** GEL 56.7m

EBITDA 2019: GEL 70+ m

DIVIDEND PROVIDER

2)

ENERGY

REVENUE 2016: GEL 15.0m **EBITDA 2016:** GEL 11.8m

149MW existing capacity

EBITDA 2019: GEL 38+ m

200MW existing capacity

VALUE CREATION UPSIDE

GGU

GGU management team



Archil Gachechiladze Chief Executive Officer

- Joined GGU in November 2016
- Previously served as Deputy CEO, Corporate & Investment Banking at Bank of Georgia (BOG), prior to that he served as BGEO Group CFO and Deputy CEO Investment management at BOG. Archil joined Bank of Georgia in October 2009 as Deputy CEO Corporate Banking.
- Holds MBA degree from Cornell University and also is a CFA charterholder



Giorgi Vakhtangishvili Chief Financial Officer

- Joined GGU in April 2015
- Previously held different managerial positions at BGEO Group's companies; before joining GGU, Giorgi served as CEO of m2 Real Estate, the leading real estate development company in Georgia
- Holds BBA degree from European School of Management (ESM)



Giorgi Tskhadadze Head of Water Utility

- Joined GGU in December 2014
- Previously held executive positions at several leading local companies, holding position of CFO at IDS Borjomi and Poti Sea Port. Prior to joining GGU, Giorgi was acting as a partner at Proxima Prime Partners
- Holds BSc degree in Economics and Engineering from Tbilisi State University



Zurab Gordeziani Head of Hydropower

- Joined GGU in January 2015
- Joined BGEO Group in 2013 to develop hydro projects. Before that, he was involved in the energy sector of Georgia for 14 years and was part of the team that developed current legislative framework for the energy sector in Georgia. He also served on executive positions in JSC Energo-Pro Georgia, Georgian Electrosystem and Ministry of Energy
- Holds degrees in Law and Economics from Tbilisi State University



Giorgi Bezhuashvili Head of Wind and Solar Power

- Joined GGU in July 2016
- Previously held executive positions at several leading local companies, among them serving as General Director at Georgian Energy Development Fund. Before joining GGU, Giorgi served at GRPC as Deputy CEO, wind and solar
- Holds a master's degree from Paris-Sud University in Economics, Technology and Territories



Eter Iremadze

- Head of Strategic Projects
- Joined GGU in February 2017
- Joined BGEO Group in 2006 and held numerous executive positions at Bank of Georgia; among those are head of SOLO (Premium Banking) department and head of Blue Chip Corporate Banking Unit covering structured lending, M&As, significant buyouts in Georgia, and project financing. Overall, Eter has 18 years of experience in banking
- Holds Dual MBA degree from Grenoble Graduate School of Business & Caucasus University



Jaba Mamulashvili Chief Legal Officer

- Joined GGU in February 2016
- Before joining GWP he held a position of a partner at Begiashvili & Co. Limited, one of the leading Georgian law firms. Jaba specializes in commercial law and has a notable experience in equity investments, corporate and project financing, etc.
- Holds a master's degree in International Business Law from University of Manchester



Tina Simonishvili

- Head of Investor Relations
- Joined GGU in February 2016
- Previously worked for BGEO Group companies for more than 6 years, namely as an associate in department of DCM at Galt & Taggart leading investment bank in Georgia and as a principal corporate banker at Bank of Georgia
- Holds BBA degree from Caucasus School of Business and MSc in International Management from King's College London

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GGU – a privately-owned natural monopoly

GGU is the only profitable water-utilities player in Georgia with plenty of efficiency rooms

GGU is the largest privately owned water utility company in Georgia

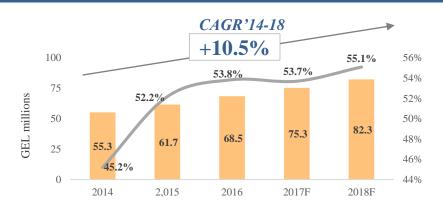
2 core activities:

- Water supply and sanitation (including wastewater collection and processing) – Provides water to 1.4m people (1/3 of Georgia) 2016A: 522M m3
- Generation of electric power Owns 3 HPPs and has 1 HPP under management with total installed capacity of 149.3MW. Generated power is primarily used by GGU's water business. The excess amount of generated power is sold to the third party clients every year
 - Revenue of GEL 127.2m in 2016, +7.6% y-o-y
 - EBITDA of GEL 68.5m in 2016, +11.0% y-o-y

Company has strong execution track record & financial strength

- · Management team with extensive experience in utility business
- "BB-" rating affirmed by Fitch Ratings to major subsidiary of GGU –
 Georgian Water and Power in 2016 (currently Georgia's sovereign rating is "BB-" and the country ceiling is BB by Fitch)
- First bond placement by utility company in Georgia (GEL 8.6m) through Georgian Water and Power in 2015
- GGU issued GEL 30m 5-year local currency bond—the largest amount ever issued in local currency by a non-financial institution in Georgia
- GGU attracted long-term IFI financing of EUR 81.5m in 2017 from FMO, DEG and EIB. For EIB this was first loan provided directly to a private corporate entity in Georgia

EBITDA (in GEL m) & EBITDA margin (in %)



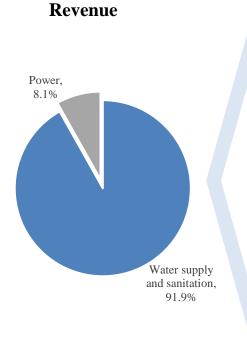
EBITDA growth drivers:

- Cost saving from reduction in technical water losses
- Subsequent savings from freed-up energy

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GGU business lines

Two revenue streams, each with solid cash generation capabilities



Water
Supply and
Sanitation
91.9% of
total
Revenues

Operating figures (2016A)

- Revenue GEL 117.1m
- Number of customers 544K
- − Collection rates − c. 95%

Overview

 Owns and operates entire network for water supply and sanitation services pumping stations, reservoirs, collectors, wastewater treatment plant and complementary infrastructural elements

- Power 8.1% of total Revenues
- Revenue GEL 10.1m
- Total installed Capacity 149.3MW
- Generation 386GWh

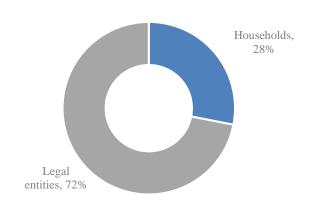
- Owns and operates 3 Hydro power plants, Zhinvali, Tetrikhevi and Saguramo (146.4MW in total)
- Leases and operates Pshavela HPP with 2.9MW installed capacity

GGU water sales

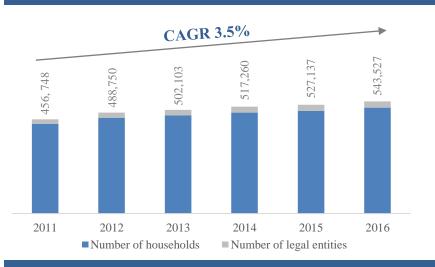
Overview

- Water is sourced from Zhinvali reservoir (90%) and Mukhrani/Natakhtari (10%) aquifer to feed the cities of Tbilisi, Rustavi and Mtskheta
- Customer pool includes both legal entities and households:
 - Legal entities metered clients. Water meters are read on a cyclical basis. Collection rates are close to 100%
 - Households significant portion of this client base remains non-metered (c. 75%). Non-metered customers are billed based on the number of individuals formally registered by the civil registrar and by application of the relevant tariff fixed per capita per month

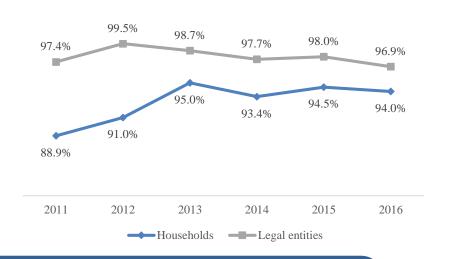
Water sales split per type of clients 2016 (in %)



Number of clients 2011-2016



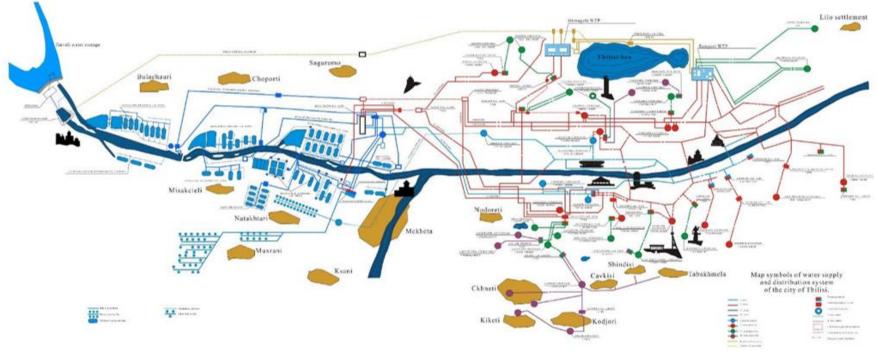
Collection rates 2011-2016



GGU infrastructure network overview - Tbilisi

GGU owns 100% of the infrastructure

- Company operates c. 2,700km of water supply and c. 1,700km of wastewater pipeline network which consists of: trunk lines, tunnels of potable water and aqueducts, distribution networks to customers
- Around 522m m³ of potable water is supplied from water production/treatment facilities in Bulachauri, Natakhtari, Saguramo, Samgori and Grmaghele on an annual basis
- Water quality monitoring is conducted on a daily basis, along with planned recurrent monitoring procedures in Tbilisi and its surroundings on 374 points of water supply network
- In total the enterprise has **45 pumping stations**, **104 reservoirs of pure water with total capacity of approx. 300,000 m³**. The most important reservoirs are equipped with level detectors monitored by central dispatch service



GGU P&L (2016)

| Numbers are given in GEL, thousand | 2016A | 2015A | y-o-y % change |
|---|----------|----------|-------------------|
| REVENUES | | | |
| Revenue from water supply to legal enteties | 78,139 | 74,587 | 4.8% |
| Revenue from water supply to individuals | 31,264 | 30,170 | 3.6% |
| Revenue from electric power sales | 10,112 | 9,182 | 10.1% |
| Revenue from technical support | 4,573 | 3,683 | 24.2% |
| Other income | 3,151 | 647 | 387.4% |
| Total revenue | 127,239 | 118,268 | 7.6% |
| OPERATING EXPENSES | | | |
| Provision of trade receivables | (2,198) | (432) | 408.4% |
| Salaries and benefits | (16,680) | (20,920) | -20.3% |
| Electricity and transmission costs | (17,747) | (11,554) | 53.6% |
| Raw materials, fuel and other consumables | (2,856) | (5,253) | -45.6% |
| Infrastructure assets maintenance expenditure | (2,402) | (4,251) | -43.5% |
| General and administrative expenses | (3,101) | (2,950) | 5.1% |
| Taxes other than income tax | (3,298) | (3,398) | -2.9% |
| Professional fees | (2,286) | (2,475) | -7.6% |
| Insurance expense | (793) | (317) | 150.1% |
| Other operating expenses | (7,363) | (5,001) | 47.2% |
| Total operating expenses | (58,724) | (56,551) | 3.8% |
| EBITDA | 68,515 | 61,717 | 11.0% |
| EBITDA Margin | 54% | 52% | |
| Depreciation and amortisation | (17,842) | (17,919) | -0.4% |
| EBIT | 50,673 | 43,798 | 15.7% |
| EBIT Margin | 40% | 37% | |
| Finance income | 220 | 180 | 22.2% |
| Finance cost | (10,985) | (7,658) | 43.4% |
| Foreigns exchange gaines(losses) | (462) | (14,158) | -96.7% |
| EBT | 39,447 | 22,162 | 78.0% |
| Income tax expense | (3,659) | (6,948) | -47.3% |
| NET INCOME/LOSS FOR THE PERIOD | 35,787 | 15,214 | 135.2% |
| Net Income Margin | 28% | 13% | |

- Total water sales increased by 4.4% as compared to LY comparative results
- Increase of electric power sales of 10.1% is due to the increased volume of sales due to higher electricity generation
- Increase of transmission cost compared to the LY is due to the hike of GCF by 238%
- Decrease of maintenance expenses compared to LY is due to prudent rehabilitation works
- Decrease of the income tax expense is due to the write-off of the accumulated deferred tax liability and retention of only those charges which may be realized before 1-Jan-2017

GGU P&L (1H17)

| Numbers are given in GEL, thousand | 1H17A | 1H16A | y-o-y % change |
|---|----------|----------|-------------------|
| REVENUES | | | |
| Revenue from water supply to legal entities | 38,928 | 36,384 | 7.0% |
| Revenue from water supply to individuals | 16,053 | 15,132 | 6.1% |
| Revenue from electric power sales | 3,094 | 4,162 | -25.7% |
| Revenue from technical support | 1,412 | 792 | 78.2% |
| Other income | 1,296 | 458 | 182.8% |
| Total revenue | 60,783 | 56,929 | 6.8% |
| OPERATING EXPENSES | , | ŕ | |
| Provision of trade receivables | (1,125) | (1,473) | -23.6% |
| Salaries and benefits | (9,298) | (8,605) | 8.1% |
| Electricity and transmission costs | (8,885) | (9,060) | -1.9% |
| Raw materials, fuel and other consumables | (1,327) | (1,961) | -32.3% |
| Infrastructure assets maintenance expenditure | (658) | (1,212) | -45.7% |
| General and administrative expenses | (1,611) | (1,553) | 3.8% |
| Taxes other than income tax | (1,783) | (1,557) | 14.5% |
| Professional fees | (966) | (953) | 1.3% |
| Insurance expense | (529) | (266) | 98.7% |
| Other operating expenses | (3,401) | (3,688) | -7.8% |
| Total operating expenses | (29,583) | (30,328) | -2.5% |
| EBITDA | 31,199 | 26,601 | 17.3% |
| EBITDA Margin | 51% | 47% | 9.8% |
| Depreciation and amortisation | (9,820) | (8,381) | 17.2% |
| EBIT | 21,379 | 18,220 | 17.3% |
| EBIT Margin | 35.2% | 32.0% | 9.9% |
| Finance income | 499 | 171 | 191.6% |
| Finance cost | (5,624) | (5,064) | 11.1% |
| Foreign exchange gains (losses) | (63) | (535) | -88.2% |
| EBT | 16,191 | 12,792 | 26.6% |
| Income tax expense | (641) | (1,741) | -63.2% |
| NET INCOME/LOSS FOR THE PERIOD | 15,550 | 11,051 | 40.7% |
| Net Income Margin | 25.6% | 19.4% | 31.8% |

Revenues

- Electric power sales declined due to lower generation of Zhinvali HPP
- Revenue from technical support increased because of doubled new connection applications compared to LY
- Other income increase is attributable to the sale of land plots and recognition of deferred income per IFRS 15
- Finance income increase is due to the interest rate improvements on cash balances in banks

Expenses

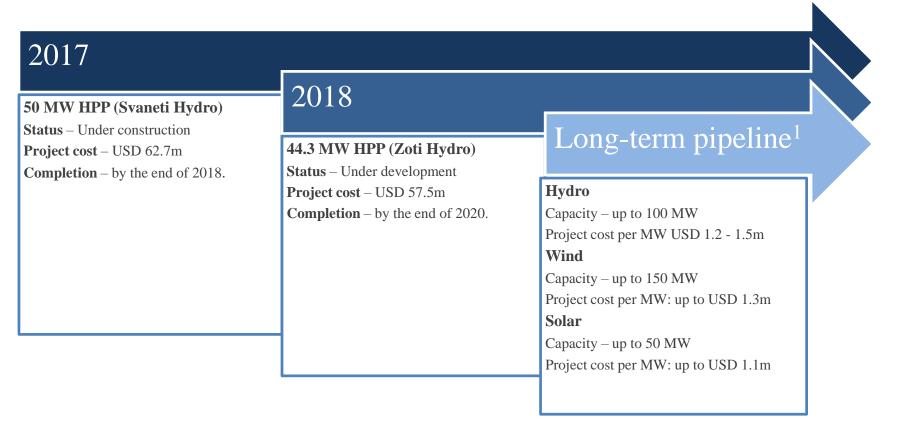
- Lower own consumption and Zhinvali HPP tail race construction works which completed 2 weeks ahead of time resulted in the decrease of electricity and transmission costs
- Maintenance expenditure decrease along with other consumables reduction is due to the preventive capital investments, that led to maintenance cost saving

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Projects going forward in hydro & other renewables



Note

^{1.} Pipeline projects are at a very early stage of development, therefore given information is highly indicative

Mestiachala / 50 MW

Project main characteristics

- Location near city Mestia, Svaneti region
- Cascade of 2 power plants
- Penstock routes 10 km
- Total 2 powerhouses with 20 and 30 MWs installed capacity

| Project highlights | |
|---------------------------------|--------|
| Total project cost (US\$ k) | 62,720 |
| Total cost per MW (US\$ k) | 1,254 |
| Nominal installed capacity (MW) | 50.1 |
| Net annual generation (GWh) | 174.3 |
| PPA for 8 months (cents) | 5.5c |
| Debt/Equity structure | 70/30 |
| BCR (%) | 10.1% |



Monthly generation (%) and price (USD/MWh) $\,$



Zoti / 44.3 MW

Project main characteristics

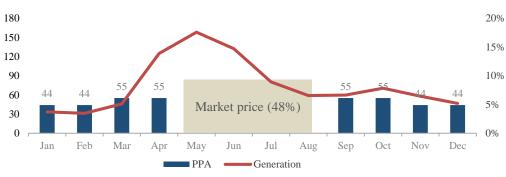
- Location village of Zoti, Guria region in Western Georgia
- Cascade of 2 power plants
- 2 tunnels 1.2 km and 1.6 km
- Penstock routes 7.5 km
- Grid connection available by 2020

| Project hig | ghlights |
|-------------|----------|
|-------------|----------|

| Total project cost (US\$ k) | 57,485 |
|---------------------------------|--|
| Total cost per MW (US\$ k) | 1,297 |
| Nominal installed capacity (MW) | 44.3 |
| Net annual generation (GWh) | 164.3 |
| PPA for 8 months (cents) | Nov-Feb: 4.4c Mar-Apr-Sep-Oct: 5.5c |
| Debt/Equity structure | 70/30 |
| BCR (%) | 11.0% |



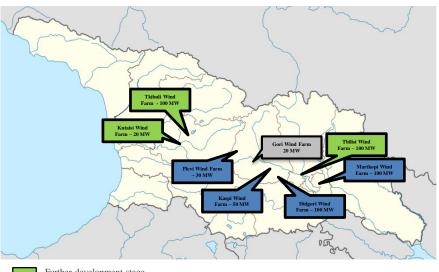
Monthly generation (%) and price (USD/MWh)



Wind projects

Identifying wind project opportunities

- Feasibility MoUs signed with government for all 7 projects in early 2017
- Land securing for Tkibuli, Kutaisi and Tbilisi projects to be finalized by December, 2017
- Based on preliminary findings 3 main locations are defined as stage 1 development with total capacity of 100MW, targeting construction in 2019





Feasibility study stage

Existing government-owned wind farm



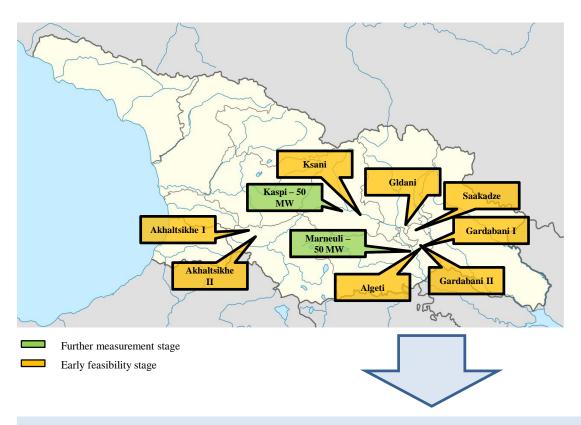






Solar projects

Identifying solar project opportunities



 Exclusivity Feasibility MoU with the Government was signed in early 2017 for 18 months

Based on preliminary findings 2 main locations are defined for further development (measurement stage)

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Utilities in Georgia – largely private, reforms in progress

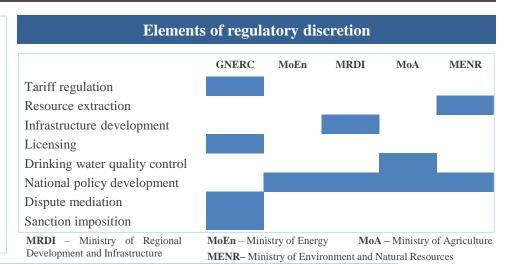
Utility sector in is largely privatized with high barriers to entry; reforms in progress for approximating the sector with the EU regulations

- Utilities sector represents ~3% of total economic output in Georgia and is constantly growing at a sustainable rate (CAGR 8.3% in 2006 -2016)
- Bulk of sector players are natural monopolies and the barriers to entry are high
- Large part of the industry is privatized, except for the fraction of WSS utilities and irrigation
- Reforms are in progress in utilities sector to approximate the sector with EU energy regulations in accordance to Georgia's undertaking under the Association Agreement with the EU



Georgia's utility sector is regulated by an independent regulator that sets tariffs, manages licenses, mediates disputes and imposes sanctions

- Georgian National Energy and Water Supply Regulatory Commission (GNERC) is an independent body that regulates the utilities market
- GNERC is independent from the Government of Georgia and has no direct supervision from any state authorities and its independence is guaranteed by a legally mandated, self-sufficient revenue stream from the regulation fees paid by utility market participants (0.3% of the utility revenues)
- The sector is regulated by the set of laws, by-laws and government decrees on tariff setting, utilities (water, electricity, natural gas) market rules, grid / network codes, legislation on licensing, resource extraction and environmental accountability

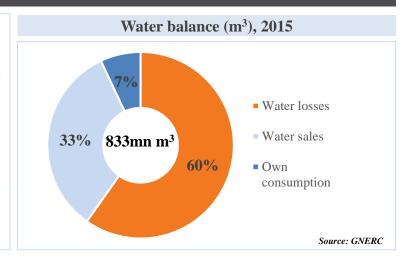


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Water utilities – capitalizing on efficiency gains

Underdeveloped industry offers ample potential for efficiency gains and long-term sustainable growth

- Significant funding-gap in the past has led to largely depreciated water and sanitation infrastructure with an average technical water losses at 50% (4-5 times higher than in western Europe) which sets the ground for significant efficiency gains in the future under well managed operations and infrastructure planning
- Water losses are also caused due to aging assets in the residential buildings and excessive water consumption, usually symptomatic to non-metered customers (~70% of the customer base)
- GGU has introduced extensive measures against resource dissipation (e.g. zoning, bulk metering) and has motivational schemes for staff to identify water larceny and is continuously implementing resource efficient practices within its infrastructure



GGU is the only profitable player on Georgia's WSS market with over 95% average collection rates

- 6% of the customer base for water utilities in Georgia are commercial entities, the rest are households
- Average collection rates from households in Georgia ~ 50%, while GGU's average collection rates are around 95%
- Water utilities other than GGU operate on state subsidies due to low collection rates and unauthorized water consumption
- 45.7% of the population gets serviced on the municipal level with bad service quality, frequent and lengthy interruptions and poor coverage

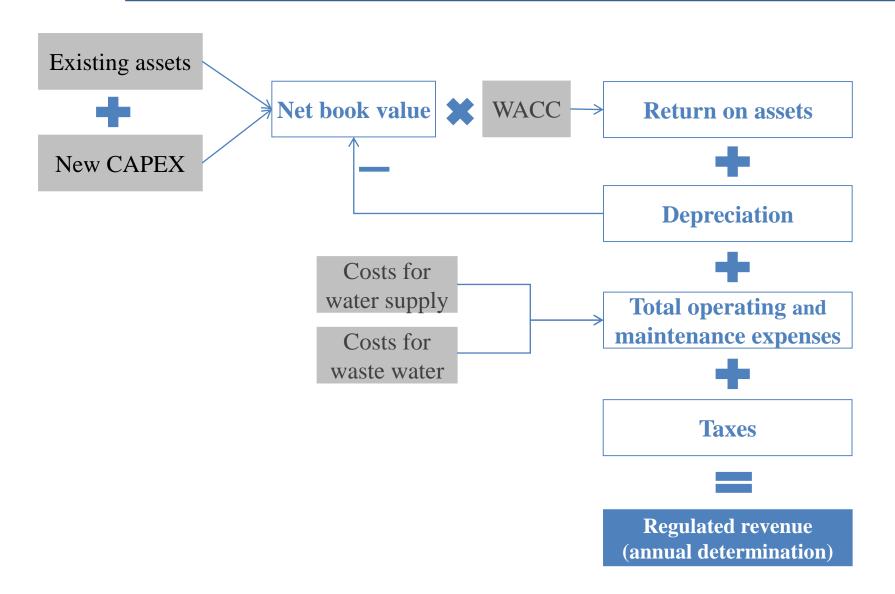
Snapshot of Georgia's WSS market

| Company | Coverage area | Country coverage | Ownership type |
|---------|-------------------------------|------------------|-------------------|
| GGU | Tbilisi, Rustavi, Mtskheta | 28.3% | Private |
| BWC | Batumi | 3.7% | Public |
| UWSCG | Part of Georgia | 20.7% | Public |
| Other | Rest of Georgia | 47.3% | Municipal |

Source: GNERC

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Water and Energy Tariff Setting Methodology

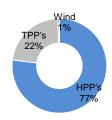


Electricity market update

Current installed capacity by types, MW

HPP – More than 70 HPPs are under operation currently, with 3,164MW of total installed capacity. 7 conventional dam HPPs make up 68% of installed capacity. Run-of-river plants make up the rest.

TPP – On top of supporting the security of supply, natural gas-fired plants also fill winter deficits. There are six TPPs, with installed capacity of 925MW. 3 TPPs have a remaining average lifetime of 12 years and will need to be replaced in the nearest future.



Electricity import – export balance

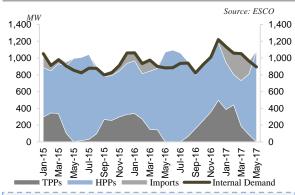
Source: Galt & Taggart Research



Favorable weather conditions in 2Q17 resulted in excess power generation and increase in the amount of exported electricity. Notably, the electricity trade balance in US\$ terms remains negative. GGU exported electricity to Turkey for the first time throughout its operations.

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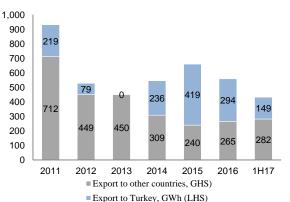
Electricity supply and consumption



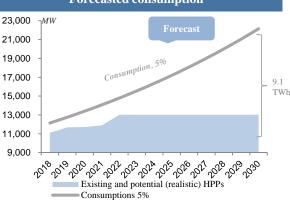
Demand on electricity in Georgia peaks in winter and the shortage that the country faces is filled by direct imports. Up to 25% of Georgia's electricity needs are imported, with up to 20% natural gas and the rest - direct electricity imports. Supply peaks in summer and the surplus is exported to neighboring countries.

Electricity exports and prices, 2011-2017

Source: ESCO, Geostat, EPIAS

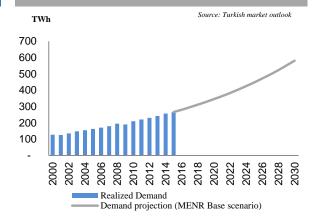


Forecasted consumption



Consumption growth is forecasted to be at 5% CAGR in coming 15 years. If the anticipated growth is realized and current supply does not get upgraded, Georgia will have a deficit of 9.1 tWh (more than 75% of current consumption) left to fill creating an ample room for generation resource development.

Gross electricity demand in Turkey, 2000-2030



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Disclaimer – forward looking statements

This presentation contains forward-looking statements that are based on current beliefs or expectations, as well as assumptions about future events. These forward-looking statements can be identified by the fact that they do not relate only to historical or current facts. Forward-looking statements often use words such as anticipate, target, expect, estimate, intend, plan, goal, believe, will, may, should, would, could or other words similar meaning. Undue reliance should not be placed on any such statement because, by their very nature, they are subject to known and unknown risks and uncertainties and can be affected by other factors that could cause actual results, and GGU and its subsidiaries (the "GGU Group")'s plans and objectives, to differ materially from those expressed or implied in the forward-looking statements.

There are various factors which could cause actual results to differ materially from those expressed or implied in forward-looking statements. Among the factors that could cause actual results to differ materially from those described in the forward-looking statements are changes in the global, political, economic, legal, business and social environment. The forward-looking statements in this presentation speak only as of the date of this presentation. The GGU Group undertakes no obligation to revise or update any forward-looking statement contained within this presentation, regardless of whether those statements are affected as a result of new information, future events or otherwise.

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