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THREE-YEAR ENERGY SECURITY ROADMAP MATRIX FOR GEORGIA

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4 May 2018

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DATA

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ACRONYMS

EnCT	Energy Community Treaty
GoG	Government of Georgia
USAID	United States Agency for International Development

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1. INTRODUCTION

The objective of USAID Energy Program is to support Georgia’s efforts to facilitate increased investment in power generation capacity as a means to increase national energy security, and facilitate economic growth. The Program will have a significant impact on energy market reform efforts of the Government of Georgia (GoG) to comply with the country’s obligations under the Energy Community Treaty (EnCT). The investment objective will be achieved through the provision of technical assistance to a variety of stakeholders in the energy sector.

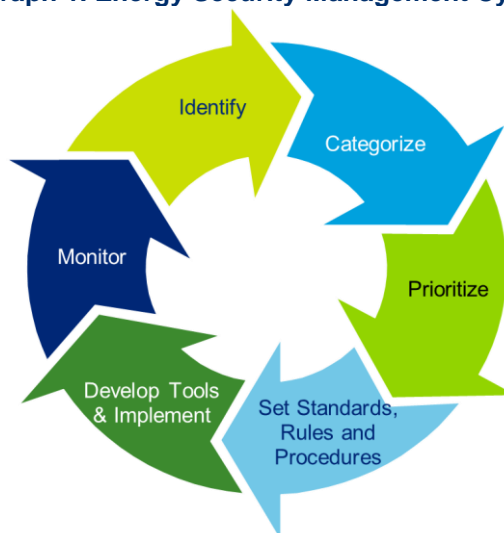
The ultimate goal of this Program is to enhance Georgia’s energy security through improved legal and regulatory framework and increased investments in the energy sector. The ultimate expected outcome of this Program is an energy legal and regulatory framework that complies with European requirements and encourages competitive energy trade and private sector investments.

Secure and affordable supplies of electricity and gas are central and interlinked with economic development, social and political well-being of Georgia. Energy security means ensuring the country to sustainably produce and use energy at reasonable cost in order to:

- Facilitate economic growth, and, through this, reduce poverty; and
- Directly improve the quality of people’s life by broadening access to modern energy services.

Adequately tackling energy security is a challenge that relies upon precise understanding and quantifying the dimensions of energy security on national and regional level. Tackling the challenge of energy security also requires cooperation in different areas, including increasing energy efficiency, market transparency, diversifying energy supplies, coordination between stakeholders, identifying priorities and associated risks as well as to develop tools to mitigate those risks and monitor status. Based on the analysis of international best practices in the area of energy security management, the Program has developed concept of energy security management for Georgia. The defined energy security management cycle is designed to increase Energy Security for Georgia and includes interdependent stages, illustrated in the graph 1.

Graph 1. Energy Security Management Cycle



Based on the defined energy security management process, the Program has developed Energy Security Roadmap for achieving objectives of USAID Energy Program related to strategic advisory assistance to the government of Georgia to increase energy security. The Roadmap matrix provides information on activities, sub activities and expected outputs for the three years. The Roadmap matrix can help government of Georgia to establish dynamic process for addressing energy security issues in a systematic manner. In particular, for Georgia, monitoring the energy sector developments and accordingly devising policy strategies that would adequately address the energy security risks the country is facing, is of immense importance.

Annex 1 below presents the Roadmap matrix that includes activities and sub activities for each above-mentioned six stages. It also includes expected outcomes and deliverables.

ANNEX

STRATEGIC ADVISORY ASSISTANCE TO THE GOVERNMENT OF GEORGIA TO INCREASE ENERGY SECURITY: Y1 ROADMAP AND Y2-Y3 INDICATIVE MATRIX

#	Stage	##	Activity	###	Sub-activity/Description	Expected Output/Deliverable
1	Identify	1.1	Methodology Selection	1.1.1	<i>Develop Methodology & Approach Concepts</i>	Draft Methodology/Presentation
				1.1.2	<i>Obtain Client's acceptance</i>	Select Approach & Methodology Accepted
		1.2	Data Collection & Analysis	1.2.1	<i>Georgian Energy Security Regulations & Indicators</i>	Analysis Report
				1.2.2	<i>International Experience</i>	Summary Report & Recommendations
				1.2.3	<i>Gap analysis</i>	Gap analysis Report
		1.3	Listing of Issues	1.3.1	<i>Create a List (Brainstorming)</i>	Draft List of specific ES related issues
				1.4.1	<i>Identify Stakeholders</i>	List of Major Stakeholders
		1.4	Coordination of Stakeholders	1.4.2	<i>Share draft list with Stakeholders</i>	Draft list distributed to Major Stakeholders
				1.4.3	<i>Collect comments and additions</i>	Stakeholder's comments collected
				1.4.4	<i>Incorporate Stakeholders' comments</i>	Stakeholder's comments addressed
1.4.5	<i>Stakeholders Workshop</i>			Stakeholders Consensus		
1.5	Reporting	1.5.1	<i>Final list of critical & timely issues</i>	List of critical & timely issues finalized		
		1.5.2	<i>Report to the USAID (according to the Y1 Workplan)</i>	Report summarizing critical and timely issues		
2	Categorize	2.1	Assign Categories	2.1.1	<i>Select Applicable Categories</i>	Categories Selected
				2.1.2	<i>Define Metrics & Measurement Units</i>	Metrics & Measurement Units are defined
				2.1.3	<i>Define Risks, Shares & Weighted Values</i>	Shares & Weighted Values of metrics to categories
				2.1.4	<i>Collect Available Statistics</i>	Available statistics collected & processed
				2.1.5	<i>Assign issues (1.5.1) to Categories</i>	Issues/Categories Matrix & Model
		2.2	Coordination of Stakeholders	2.2.1	<i>Share materials with Stakeholders</i>	Draft results (2.1.1-2.1.5) distributed to Stakeholders
				2.2.2	<i>Collect comments and additions</i>	Stakeholder's comments collected
				2.2.3	<i>Incorporate Stakeholders' comments</i>	Stakeholder's comments addressed
				2.2.4	<i>Stakeholders Workshop</i>	Stakeholders Consensus
		2.3	Reporting	2.3.1	<i>Draft Report (Paper #1 on Energy Security) for USAID acceptance</i>	Draft Report (Paper #1 on Energy Security) for USAID acceptance
2.3.2	<i>Issue Energy Security Paper #1 to Stakeholders & GoG</i>			Paper #1 on Energy Security for GoG		
3	Prioritize	3.1	Evaluate Risks	3.1.1	<i>Define risks & risk mitigation mechanisms for specific issues & categories</i>	Risks matrix
		3.2	"Filtration" Process	3.2.1	<i>Filter issues & categories (Important/Measurable/Manageable/Affordable)</i>	Focused list of issues & categories
		3.3	Priority Criteria	3.3.1	<i>Develop & Set priority criteria for issues & categories</i>	Set of priority criteria
				3.3.2	<i>Prioritize categories & issues</i>	Draft priority list & Action Plan
		3.4	Coordination of Stakeholders	3.4.1	<i>Share materials with Stakeholders</i>	Draft results (2.1.1-2.1.5) distributed to Stakeholders
				3.4.2	<i>Collect comments and additions</i>	Stakeholder's comments collected
				3.4.3	<i>Incorporate Stakeholders' comments</i>	Stakeholder's comments addressed
				3.4.4	<i>Stakeholders Workshop</i>	Stakeholders Consensus
		3.5	Reporting	3.5.1	<i>Draft Report (Paper #2 on Energy Security) for USAID acceptance</i>	Draft Report (Paper #2 on Energy Security) for USAID acceptance
				3.5.2	<i>Issue ES Paper #2 to Stakeholders & GoG</i>	Paper #2 on Energy Security for GoG

Studies on identified energy security Issues (at least 2) TBD/Y2						
4	Set Standards, Rules & Procedures	4.1	Identification	4.1.1	<i>Identify necessary Rules, Standards & Procedures based on 1.2.3; 2.3.2; 3.3.2 & 3.5.2</i>	List of necessary Rules, Standards & Procedures
		4.2	Development	4.2.1	<i>Modify existing and draft new Rules, Standards & Procedures</i>	Draft Rules, Standards & Procedures
				4.2.2	<i>Submit to Stakeholders</i>	Stakeholder's comments addressed
				4.2.3	<i>Collect & Incorporate comments</i>	Stakeholders Consensus
4.3	Support with adoption	4.3.1	<i>Technical support during adoption by regulatory &/or other GoG Authorities</i>	Necessary Rules, Standard & Procedures adopted by the GoG		
4	Develop Tools & Implement	4.1	Identification	4.1.1	<i>Identify necessary Tools & Software</i>	List of necessary Rules, Standards & Procedures
		4.2	Development &/or Procurement	4.2.1	<i>Develop Tools where appropriate</i>	Draft Rules, Standards & Procedures
				4.2.2	<i>Support with Technical Specification for purchasing tools and software</i>	Draft technical specifications & other tender docs
				4.2.3	<i>Support with procurement</i>	TBD
		4.3	Trainings	4.3.1	<i>Study tour(s)</i>	TBD
				4.3.2	<i>Training sessions & workshops</i>	TBD
4.3.3	<i>On-the-job trainings</i>			TBD		
5	Monitor	5.1	Develop Monitoring tools	5.1	<i>Develop monitoring tools</i>	TBD
		5.2	Monitor status	5.2	<i>Monitor status</i>	TBD
		5.3	Collect statistics	5.3	<i>Collect statistics</i>	TBD
		5.4	Evaluate	5.4	<i>Evaluate</i>	TBD

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