



# Benin II

## Key Performance Indicators

(Closeout Results: June 2017 to June 2023)

Compact Signing Date: 9-Sep-15  
 Entry into Force Date: 22-Jun-17  
 End of Compact Date: 22-Jun-23  
 Compact Closeout Period: 22-Jun-23 - 20-Oct-23  
 Compact Current Budget: \$391 million

Project/Objective	Projected Economic Benefits and Beneficiaries	Activity/Outcome	Key Performance Indicators	Baseline	End of Compact Target	Quarter 1 through Quarter 24 Actuals (June 2023)	Percent Compact Target Satisfied (June 2023)		
<b>Policy Reform and Institutional Strengthening Project</b> (\$29.4 Million) Objective: to improve the governance, management, and operations of the electricity sector by strengthening the capacity of the Société Béninoise d'Énergie Électrique ("SBEE"), Autorité de Régulation de l'Électricité ("ARE"), and the Government of Benin institutions in the power sector.	Projected Beneficiaries: 10.6 Million. As defined, projected beneficiaries are those who are or will be connected to the electricity grid in the next 20 years.	<b>Policy, Regulation, and Institutional Support Activity</b> (\$13.1 Million Current Budget) Outcome: Improved overall governance of the electricity sector in Benin.	Approval of IPP Institutional framework (Indicator Unit: Date)		17-Jul-18	31-Jul-19	Complete		
			Approval of Tariff Policy and Tariff Plan (Indicator Unit: Date)		27-Jul-18	4-Dec-19	Complete		
			Approval of cost-reflective tariffs (Indicator Unit: Date)		24-Aug-18	4-Dec-19	Complete		
			Cost-reflective tariff regime (Indicator Unit: Percentage)		No Target		No Target		
			Energy efficiency labels adopted (Indicator Unit: Number)	0	3	2	67%		
			Percentage of job positions filled in ARE (Indicator Unit: Percentage)		100	79	79%		
		<b>Utility Strengthening Activity</b> (\$16.0 Million Current Budget) Outcome: Operational independence of SBEE and improved core business functions so as to become more financially viable and better able to serve its customers.	Projected Beneficiaries: 10.6 Million. As defined, projected beneficiaries are those who are or will be connected to the electricity grid in the next 20 years.	<b>Public Information and Education Activity</b> (\$349 Thousand Current Budget) Outcome: Public informed about energy sector policy reforms and changed energy use behavior through information and education about energy efficiency, renewable electricity sources and related topics including tariff changes.	Financial self-reliance of ARE (Indicator Unit: Percentage)	0	61	84	138%
					Customer satisfaction index (Indicator Unit: Percentage)	50	72	62	53%
					Training hours per staff (Indicator Unit: Hours)	4	23	44	208%
					Continuity of service indicator (apart from external cause) (Indicator Unit: Minutes)	5,388	1,078	2,203	74%
					Efficiency of the electrical distribution network (Indicator Unit: Percentage)	76	85	77	11%
					On-time collection rate for low voltage private customers (Indicator Unit: Percentage)	61	90	71	34%
		<b>Electricity Generation Project</b> (\$12.7 Million) Objective: to (A) increase the hours of operation for businesses and public and social services; (B) reduce reliance on costlier sources of energy; (C) reduce losses of products and perishable goods; and (D) improve productivity for users of electricity	Projected Beneficiaries: 10.6 Million. As defined, projected beneficiaries are those who are or will be connected to the electricity grid in the next 20 years.	<b>Photovoltaic ("PV") Generation Activity</b> (\$12.1 Million Current Budget) Outcome: Addresses Benin's power supply deficit by providing a renewable source of electricity.	On-time collection rate for medium voltage private customers (Indicator Unit: Percentage)	56	100	39	-39%
					On-time collection rate for public sector customers (Indicator Unit: Percentage)	23	100	27	5%
					Validation and adoption of tariff study report (Indicator Unit: Date)		28-Feb-18	28-Oct-17	Complete
					Awareness campaigns held on energy efficiency (Indicator Unit: Number)	0	8	8	100%
<b>Electricity Distribution Project</b> (\$257.3 Million) Objective: to (A) increase the hours of operation for businesses and public and social services; (B) reduce reliance on costlier sources of energy; (C) reduce losses of products and perishable goods; and (D) improve productivity for users of electricity	Projected Beneficiaries: 10.6 Million. As defined, projected beneficiaries are those who are or will be connected to the electricity grid in the next 20 years.	<b>Regional Grid Strengthening Activity</b> (\$80.6 Million Current Budget) Outcome: Modernization of Benin's electricity distribution infrastructure to expand grid capacity to accommodate future growth, improve reliability and reduce losses and outages	Kilometers of distribution lines upgraded or built (Indicator Unit: Kilometers)	0	895	817	91%		
			Distribution substation capacity added (Indicator Unit: Megavolt ampere)	0	522	80	15%		
			Number of switchgear stations and substations built (Indicator Unit: Number)	0	6	3	50%		
			Number of switchgear stations and substations rehabilitated (Indicator Unit: Number)	0	7	7	100%		
		<b>Cotonou Grid Strengthening Activity</b> (\$145.3 Million Current Budget) Outcome: Increased capacity of the Cotonou grid and improved reliability of the network through investments in a variety of priority infrastructure projects.	Projected Beneficiaries: 10.6 Million. As defined, projected beneficiaries are those who are or will be connected to the electricity grid in the next 20 years.	<b>National Electricity Dispatch Activity</b> (\$31.4 Million Current Budget) Outcome: Construction of a national distribution control center ("NDCC")	Kilometers of distribution lines upgraded or built (Indicator Unit: Kilometers)	0	66	61	92%
					Distribution substation capacity added (Indicator Unit: Megavolt ampere)	0	567	914	161%
					Number of switchgear stations and substations built (Indicator Unit: Number)	0	6	9	150%
					Number of switchgear stations and substations rehabilitated (Indicator Unit: Number)	0	5	5	100%
		<b>Off Grid Electricity Access Project</b> (\$44.7 Million) Objective: to increase access to electricity and thereby (A) increase the hours of operation for businesses and public and social services; (B) reduce reliance on costlier sources of energy; (C) reduce losses of products and perishable goods; and (D) improve productivity for users of electricity	Projected Beneficiaries: 553 Thousand. As defined, projected beneficiaries are the number of individuals in households and owners of commercial enterprises obtaining a solar home system as a result of the grants in year 20.	<b>Enabling Environment for Off-Grid Electricity Access Activity</b> (\$2.5 Million Current Budget) Outcome: Design and implementation of a national off-grid electrification framework in form and substance satisfactory to MCC, and development of market information, market characterization, outreach to the private sector and sector donors, and community-led engagement on the OCEF (Off-Grid Clean Energy Facility Activity).	National Dispatch Control Center constructed (Indicator Unit: Date)		16-Feb-21	15-Jun-23	Complete
					Back-up National Dispatch Control Center constructed (Indicator Unit: Date)		12-Jan-21	15-Jun-23	Complete
					Supervisory control data acquisition (SCADA) equipment installed (Indicator Unit: Date)		16-Feb-21	11-Oct-22	Complete
					Telecommunication system equipment installed (Indicator Unit: Date)		20-Jan-21	21-Jun-23	Complete
<b>Off Grid Electricity Access Project</b> (\$44.7 Million) Objective: to increase access to electricity and thereby (A) increase the hours of operation for businesses and public and social services; (B) reduce reliance on costlier sources of energy; (C) reduce losses of products and perishable goods; and (D) improve productivity for users of electricity	Projected Beneficiaries: 553 Thousand. As defined, projected beneficiaries are the number of individuals in households and owners of commercial enterprises obtaining a solar home system as a result of the grants in year 20.	<b>Off-Grid Clean Energy Activity</b> (\$42.1 Million Current Budget) Outcome: Increased access to electricity for the currently unconnected majority of the population in rural and peri-urban areas.	Adoption of off-grid framework (Indicator Unit: Date)		25-Jun-18	12-Sep-18	Complete		
			Access to off-grid electricity (Indicator Unit: Number of New Connections)		66,104	42,700	65%		
			Off-grid capacity (Indicator Unit: Megawatt)	0	13	3	24%		
			OCEF amount disbursed (Indicator Unit: US dollars)	0	31,533,515	10,766,853	34%		
			Project promoter amount disbursed (Indicator Unit: US dollars)	0	No Target	22,208,816	No Target		