# DEPUTY PRIME MINISTER'S OFFICE, MINISTRY OF ENERGY AND PUBLIC UTILITIES

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## PART A: STRATEGIC NOTE OF MINISTRY

## I. Major Achievements for 2013

#### Water

- 7,921 vulnerable households provided with assistance to purchase water tanks.
- Curepipe aquifer modelled for an effective management of ground water.
- 50 km of old and defective pipes replaced to reduce water losses.
- Additional 3 million m<sup>3</sup> of ground water mobilized.

#### **Power**

- 119 Small Independent Power Producers of capacity 847 KW connected to CEB network.
- Additional capacity of 2.5 MW commissioned at Pointe Monnier Power Station to meet the increasing electricity demand in Rodrigues.

#### **Sanitation**

• 3,000 premises connected to the sewerage network.

#### **Radiation Protection**

• Monitoring services extended to all radiation workers.

#### II. Major Constraints and Challenges and how they are being addressed

- Ageing water distribution network leading to a high level of non-revenue water.
  - Implementation of a project in the Upper Mare aux Vacoas distribution zone to reduce the level of non-revenue water. The project will be replicated to other distribution zones.

### III. Strategic Direction 2014-2016

- Implement the Water Sector Strategic Plan.
- Increase water storage capacity by 15 million m<sup>3</sup>.
- Improve water quality in the Port Louis and Lower Plaine Wilhems regions.
- Connect an additional 7,000 premises to the sewerage network.
- Implement the Long Term Energy Strategy Plan.
- Increase firm energy generation capacity by 60 MW.
- Increase intermittent renewable energy generation capacity by some 60 MW.

## IV. Priority Objectives and Major Services to be provided for 2014-2016

## **Programme 441: Utility Policy, Planning and Management**

Priority Objective: • Delivery of reliable utility services.

Major Service: • Policy formulation, strategic planning and management.

## **Programme 442: Power Services**

Priority Objective: • Secure and reliable generation, transmission and distribution of

electricity.

Major Service: • Supply of electricity with minimal outage.

## **Programme 443: Water Resources**

Priority Objective: • Good quality and reliable water supply.

Major Service: • Mobilise, treat and distribute water to all sectors.

### **Programme 444: Sanitation**

Priority Objective: • Extension of sanitation services to mitigate health hazards and

environmental pollution.

Major Service: • Provide an effective wastewater disposal system.

#### **Programme 445: Radiation Protection**

Priority Objective:

• Protection of public and radiation workers against harmful

effects of ionising radiation.

Major Service: • Inspection and monitoring of radiation practices.

#### V. SUMMARY OF FINANCIAL RESOURCES BY PROGRAMMES AND SUB-PROGRAMMES

		Rs	Rs	Rs	Rs
Code	Programmes and Sub-Programmes	2013 Estimates	2014 Estimates	2015 Planned	2016 Planned
441	Utility Policy, Planning and Management	109,773,000	63,637,000	49,659,000	50,013,000
442	Power Services	189,098,000	173,023,000	209,182,000	241,390,000
443	Water Resources	1,884,204,000	2,979,910,000	3,364,708,000	3,111,172,000
444	Sanitation	1,438,375,000	1,218,310,000	2,149,355,000	1,920,390,000
445	Radiation Protection	10,648,000	21,240,000	23,300,000	10,420,000
	Total	3,632,098,000	4,456,120,000	5,796,204,000	5,333,385,000

## VI. SUMMARY OF FUNDED POSITIONS BY PROGRAMMES AND SUB-PROGRAMMES

Code	D 101 D	Total		% Distribution	
	Programmes and Sub-Programmes	In Post by Dec 2013	Funded by Dec 2014	2013	2014
441	Utility Policy, Planning and Management	46	50	33%	32%
442	Power Services	7	11	5%	7%
443	Water Resources	68	76	49%	49%
444	Sanitation	4	4	3%	3%
445	Radiation Protection	14	14	10%	9%
	Total	139	155	100%	100%

# PART B: SERVICES TO BE PROVIDED AND PERFORMANCE INFORMATION

PROGRAMME	PROGRAMME 441: Utility Policy, Planning and Management									
Outcome: Efficient service delivery of public utilities										
Outcome Indica	ator		2012 Actual	2014 Target	2016 Target	2023 Target				
(i) Percentage in	nplementation of legal, instituti	onal and operational								
	ater Sector to enhance custome	er satisfaction and financial	-	30	60	100				
sustainability of										
	mplementation of the Long Ter		10	2.5	40	<b>5</b> 5				
energy to consur	an energy efficient economy w	hile securing affordable	10	25	40	75				
ellergy to collisur	liers.		Perform	anca						
DELIVERY	SERVICES TO BE	Service Standards	2012	2014	2015	2016				
UNITS	PROVIDED	(Indicators)	Actual	Targets	Targets	Targets				
Office of the	S1: Policy and Management	SS1: Reform strategy to	Actual	Targets	Targets	Targets				
Deputy Prime	Services	deliver long term ESTP	-	June	June	June				
Minister, Office		Outcomes formulated								
of the		SS2: % of relevant budget								
Permanent		measures implemented	72	90	90	90				
Secretary and Administration		according to published	12							
Administration		timetable								
		SS3: % of requests acknowledged within 5	90	95	95	95				
		working days	90	93	93	93				
	S2: Facilitate access to	SS1: Additional number of								
	electricity for vulnerable	vulnerable households								
	group	supplied with electricity	110	90	85	75				
PROGRAMME	E 442: Power Services									
Outcome: Redu	ction in fossil based electricity	generation								
Outcome Indica	ator		2012 Actual	2014 Target	2016 Target	2023 Target				
% Contribution	of fossil based electricity gener	ation	81	80	78	70				
DELIMEDA	CEDVICES TO DE		Perform	ance						
DELIVERY UNITS	SERVICES TO BE PROVIDED	Service Standards	2012	2014	2015	2016				
011113	IKOVIDED	(Indicators)	Actual	Targets	Targets	Targets				
CEB	S1: Ensure security of	SS1: Total electricity								
	electricity supply	generated (GWH) to meet demand	2,495	2,730	2,836	2,938				

PROGRAMME	PROGRAMME 443: Water Resources									
	ular and good quality water su	pply to the population.								
Outcome Indica	itor		2012 Actual	2014 Target	2016 Target	2023 Target				
Minimum guarar	nteed hours of water supply in	a day	3	5	10	15				
DELIVERY	SERVICES TO BE		Perform	ance		•				
UNITS	PROVIDED	Service Standards (Indicators)	2012 Actual	2014 Target	2015 Target	2016 Target				
Water Resources Unit	S1: Mobilisation and distribution of water	SS1: Total volume of raw water mobilised (Mm <sup>3</sup> )	745	758	761	765				
& Central Water Authority		SS2: % of Non-Revenue Water	51	50	47	45				
PROGRAMME	PROGRAMME 444: Sanitation									
Outcome: Protect	ct water quality in aquifers and	lagoons.								
Outcome Indicator			2012 Actual	2014 Target	2016 Target	2023 Target				
% of premises co	onnected to the sewerage system	m	22	24	25	50				
DELIVERY	SERVICES TO BE		Performance							
UNITS	PROVIDED	Service Standards (Indicators)	2012 Actual	2014 Target	2015 Target	2016 Target				
Wastewater Management Authority	S1: Sanitation services	SS1: Cumulative number of premises connected to the public sewerage system	78,017	84,017	86,517	89,017				
PROGRAMME	2 445: Radiation Protection									
Outcome: Citize	ens secured against the harmful	effects of ionizing radiation								
Outcome Indica	itor		2012 Actual	2014 Target	2016 Target	2023 Target				
% Compliance w	% Compliance with International Atomic Energy Agency (IAEA) standards			60	80	100				
DELIVERY	SERVICES TO BE		Perform	ance						
UNITS	PROVIDED	Service Standards (Indicators)	2012 Actual	2014 Target	2015 Target	2016 Target				
Radiation Protection Authority	S1: Regulatory services	SS1: Percentage of inspections carried out to monitor radiation practices	-	75	85	100				

## **PART C: INPUTS - FINANCIAL RESOURCES**

## 1. SUMMARY BY ECONOMIC CATEGORIES

		Rs	Rs	Rs	Rs
Code	Economic Categories	2013 Estimates	2014 Estimates	2015 Planned	2016 Planned
21	Compensation of Employees	152,217,000	80,477,000	84,036,000	85,292,000
22	Goods and Services	154,176,000	109,728,000	56,943,000	55,118,000
24	Interest	-	-	-	-
25	Subsidies	233,000,000	310,340,000	372,000,000	404,000,000
26	Grants	2,975,000	3,475,000	4,975,000	4,975,000
27	Social Benefits	-	-	-	-
28	Other Expense	69,000,000	-	-	-
31	Acquisition of Non-Financial Assets	918,730,000	1,904,100,000	1,752,250,000	2,030,000,000
32	Acquisition of Financial Assets	2,102,000,000	2,048,000,000	3,526,000,000	2,754,000,000
	Total	3,632,098,000	4,456,120,000	5,796,204,000	5,333,385,000

## 2. SUMMARY FOR YEAR 2014

		Rs	Rs	Rs	Rs
Code	Programmes	Compensation of Employees [code 21]	Goods and Services [code 22]	Subsidies/ grants [codes 25-28]	Acquisition of Assets [codes 31- 32]
441	Utility Policy, Planning and Management	33,442,000	28,695,000	1,500,000	-
442	Power Services	5,480,000	54,128,000	110,415,000	3,000,000
443	Water Resources	34,300,000	24,610,000	200,000,000	2,721,000,000
444	Sanitation	1,310,000	-	-	1,217,000,000
445	Radiation Protection	5,945,000	2,295,000	1,900,000	11,100,000
	Total	80,477,000	109,728,000	313,815,000	3,952,100,000

## Programme 441: Utility Policy, Planning and Management

		Rs	Rs	Rs	Rs
Item No.	Details	2013 Estimates	2014 Estimates	2015 Planned	2016 Planned
21	Compensation of Employees	30,123,000	33,442,000	33,964,000	34,318,000
21110	Personal Emoluments	26,183,000	28,672,000	29,194,000	29,548,000
21111	Other Staff Costs	3,630,000	4,430,000	4,430,000	4,430,000
21210	Social Contributions	310,000	340,000	340,000	340,000
22	Goods and Services	48,650,000	28,695,000	12,695,000	12,695,000
22010	Cost of Utilities	2,150,000	2,180,000	2,180,000	2,180,000
22020	Fuel and Oil	300,000	300,000	300,000	300,000
22030	Rent	4,710,000	4,825,000	4,825,000	4,825,000
22040	Office Equipment and Furniture	600,000	600,000	600,000	600,000
22050	Office Expenses	540,000	640,000	640,000	640,000
22060	Maintenance	420,000	420,000	420,000	420,000
22100	Publications and Stationery	1,880,000	1,880,000	1,880,000	1,880,000
22120	Fees	100,000	100,000	100,000	100,000
22130	Studies and Surveys	36,000,000	16,000,000	-	-
22180	Overseas Travel (Mission and Capacity Building)	1,700,000	1,500,000	1,500,000	1,500,000

		Rs	Rs	Rs	Rs	
T. 37	D 4 3	2013	2014	2015	2016	
Item No.	Details	Estimates	Estimates	Planned	Planned	
22900	Other Goods and Services	250,000	250,000	250,000	250,000	
26	Grants	1,000,000	1,500,000	3,000,000	3,000,000	
26313	Current Grant to Extra-Budgetary Units	1,000,000	1,500,000	3,000,000	3,000,000	
26313098	Utility Regulatory Authority	1,000,000	1,500,000	3,000,000	3,000,000	
28	Other Expense	30,000,000	-	-	-	
28222	Capital Transfer to Households	30,000,000	-	-	-	
28222014	Water Tank Grant Scheme	30,000,000	-	-	-	f(1)
	Total	109,773,000	63,637,000	49,659,000	50,013,000	
Program	me 442: Power Services					
21	<b>Compensation of Employees</b>	82,103,000	5,480,000	6,474,000	6,577,000	
21110	Personal Emoluments	73,203,000	4,989,000	5,983,000	6,086,000	
21111	Other Staff Costs	8,100,000	451,000	451,000	451,000	
21210	Social Contributions	800,000	40,000	40,000	40,000	
22	Goods and Services	69,420,000	54,128,000	26,383,000	27,738,000	
22010	Cost of Utilities	1,790,000	240,000	240,000	240,000	
22020	Fuel and Oil	900,000	100,000	100,000	100,000	
22030	Rent	4,570,000	1,300,000	1,300,000	1,300,000	
22040	Office Equipment and Furniture	490,000	50,000	50,000	50,000	
22050	Office Expenses	220,000	25,000	25,000	25,000	
22060	Maintenance	1,710,000	10,000	10,000	10,000	
22070	Cleaning Services	410,000	-	-	-	
22090	Security	440,000	-	-	-	
22100	Publications and Stationery	2,270,000	3,630,000	3,630,000	3,630,000	
22120	Fees	16,670,000	12,963,000	6,718,000	3,473,000	
22130	Studies and Surveys	28,400,000	29,500,000	-	-	
22130001	Studies and Project Preparation of which	28,400,000	29,500,000	-	-	
	(a) Energy Efficiency and Solar PV Projects (SIDSDock)	28,000,000	24,500,000	-	-	
	(b) Energy Efficiency Management	400,000	-	-	-	
	(c) Study for Setting Standards for Street Lighting (EEMO)	-	5,000,000	-	-	
22900	Other Goods and Services	11,550,000	6,310,000	14,310,000	18,910,000	
25	Subsidies	33,000,000	110,340,000	172,000,000	204,000,000	
25110	Non-Financial Public Corporations	33,000,000	110,340,000	172,000,000	204,000,000	
25110008	Subsidy to Central Electricity Board	33,000,000	110,340,000	172,000,000	204,000,000	
	(a) Electricity Supply and Displacement of Electric Lines/Poles for Hardship Cases (b) Installation costs and electricity charges for	3,000,000	3,000,000	3,000,000	3,000,000	
	prepaid meters	20.000.000		20.000.000	20 000 000	
	(c) Purchase of Electricity from Landfill Gas - Mare Chicose (MID Fund) (d) Feed in Tariff to Small IPPs (MID Fund)	20,000,000	20,000,000	20,000,000	20,000,000 10,000,000	
	(a) Feed in Tariff to Small IFFs (MID Fund) (e) Others (MID Fund)	10,000,000	77,000,000	139,000,000	171,000,000	
<b>26</b> 26210	Grants Current Grant to International Organisation	<b>75,000</b> 75,000	<b>75,000</b> 75,000	<b>75,000</b> 75,000	<b>75,000</b> 75,000	
20210	Current Grant to International Organisation	73,000	73,000	73,000	75,000	

f(1) For 2014, provision made under National Habitat Fund

		Rs	Rs	Rs	Rs
Item No.	Details	2013	2014	2015	2016
item ivo.	Details	Estimates	Estimates	Planned	Planned
31	Acquisition of Non-Financial	4,500,000	3,000,000	4,250,000	3,000,000
21112	Assets	2 000 000	2 000 000	2 000 000	2 000 000
31112	Non-Residential Buildings	3,000,000	3,000,000	3,000,000	3,000,000
31121	Transport Equipment	1,000,000	-	1,100,000	-
31122	Other Machinery and Equipment	500,000	-	150,000	-
	Total	189,098,000	173,023,000	209,182,000	241,390,000
Program	me 443:Water Resources				
21	Compensation of Employees	33,366,000	34,300,000	36,138,000	36,782,000
21110	Personal Emoluments	29,116,000	29,720,000	31,558,000	32,202,000
21111	Other Staff Costs	4,020,000	4,320,000	4,320,000	4,320,000
21210	Social Contributions	230,000	260,000	260,000	260,000
22	Goods and Services	33,908,000	24,610,000	15,570,000	12,390,000
22010	Cost of Utilities	1,070,000	1,070,000	1,070,000	1,070,000
22020	Fuel and Oil	520,000	520,000	520,000	520,000
22030	Rent	4,200,000	4,200,000	4,200,000	4,200,000
22040	Office Equipment and Furniture	120,000	120,000	120,000	120,000
22050	Office Expenses	80,000	80,000	80,000	80,000
22060	Maintenance	625,000	625,000	625,000	625,000
22090	Security	2,400,000	2,400,000	2,400,000	2,400,000
22100	Publications and Stationery	143,000	145,000	145,000	145,000
22120	Fees	250,000	250,000	250,000	250,000
22130	Studies and Surveys	23,800,000	14,400,000	5,360,000	2,180,000
22900	Other Goods and Services	700,000	800,000	800,000	800,000
25	Subsidies	200,000,000	200,000,000	200,000,000	200,000,000
25110	Non-Financial Public Corporations	200,000,000	200,000,000	200,000,000	200,000,000
25110009	Subsidy to Central Water Authority	200,000,000	200,000,000	200,000,000	200,000,000
<b>28</b> 28223	Other Expense Transfers to Non Financial Public Corporations	<b>39,000,000</b> 39,000,000	-	-	-
31	Acquisition of Non-Financial Assets	912,930,000	1,890,000,000	1,735,000,000	2,027,000,000
31113	Other Structures	910,930,000	1,888,000,000	1,733,000,000	2,025,000,000
	of which:				
31113002	Construction of Dams	718,930,000	1,712,000,000	1,531,000,000	1,935,000,000
	(a) Bagatelle Dam	680,000,000	1,700,000,000	1,460,000,000	890,000,000
31113010	(b) Rivière des Anguilles Dam Construction of Feeder Canals - Arnaud	38,930,000 150,000,000	12,000,000 25,000,000	71,000,000 10,000,000	1,045,000,000
31113010	Drilling of Boreholes	16,000,000	12,000,000	12,000,000	12,000,000
31113011	Upgrading of Dams - La Ferme	5,000,000	120,000,000	160,000,000	62,000,000
31113410	Upgrading of Feeder Canals	21,000,000	19,000,000	20,000,000	16,000,000
31122	Other Machinery and Equipment	2,000,000	2,000,000	2,000,000	2,000,000
31122999	Acquisition of Other Machinery and Equipment	2,000,000	2,000,000	2,000,000	2,000,000

		Rs	Rs	Rs	Rs
Item No.	Details	2013	2014	2015	2016
1001111100	2000	Estimates	Estimates	Planned	Planned
32	Acquisition of Financial Assets	665,000,000	831,000,000	1,378,000,000	835,000,000
32145	Loans to Non- Financial Public Corporation	665,000,000	831,000,000	1,378,000,000	835,000,000
32145503	Loan to CWA for:	665,000,000	831,000,000	1,378,000,000	835,000,000
	(a) Rehabilitation of Pailles Water Treatment Plant	100,000,000	350,000,000	100,000,000	20,000,000
	(b) Replacement of Mont Ida - Unite Pipeline	1,000,000	1,000,000	-	-
	(c) Replacement of other old and defective pipelines	39,000,000	6,000,000	-	-
	(d) Bagatelle Downstream works and Treatment Plant	360,000,000	250,000,000	950,000,000	575,000,000
	(e) Non Revenue Water Projects in Upper Mare aux Vacoas System	165,000,000	124,000,000	188,000,000	200,000,000
	(f) Transfer of water from Midlands Dam to Piton du Milieu	-	100,000,000	140,000,000	40,000,000
	Total	1,884,204,000	2,979,910,000	3,364,708,000	3,111,172,000
	me 444: Sanitation				
21	Compensation of Employees	1,375,000	1,310,000	1,355,000	1,390,000
21110	Personal Emoluments	1,190,000	1,125,000	1,170,000	1,205,000
21111	Other Staff Costs	185,000	185,000	185,000	185,000
32	Acquisition of Financial Assets	1,437,000,000	1,217,000,000	2,148,000,000	1,919,000,000
32145	Loans to Non- Financial Public Corporation	1,437,000,000	1,217,000,000	2,148,000,000	1,919,000,000
32145517	Loan to Wastewater Management Authority for:	1,437,000,000	1,217,000,000	2,148,000,000	1,919,000,000
	(i) Construction of Wastewater Infrastructure	1,252,000,000	1,092,000,000	2,023,000,000	1,794,000,000
	(a) Plaines Wilhems Sewerage Project	933,000,000	858,000,000	555,000,000	608,000,000
	(b) House Service Connections	63,000,000	50,000,000	50,000,000	50,000,000
	(c) Grand Baie Sewerage Project Phase 1B	26,000,000	15,000,000	320,000,000	445,000,000
	(d) Infrastructure Rehabilitation in Ex CHA Estates & Low Cost Housing	16,000,000	7,000,000	10,000,000	3,000,000
	(e) Minor Infrastructure Works	72,000,000	72,000,000	275,000,000	44,000,000
	Parisot /Riverside	15,000,000	50,000,000	26,000,000	5,000,000
	Bain des Dames	40,500,000	-	166,000,000	9,000,000
	Camp Caval	9,000,000	3,000,000	-	-
	Tranquebar/Vallee Des Pretres	7,500,000	19,000,000	83,000,000	30,000,000
	(f) Baie Du Tombeau Sewerage Project	9,000,000	-	-	-
	(g) West Coast Sewerage Project	3,000,000	6,000,000	745,000,000	644,000,000
	(h) Pailles-Guibies Sewerage Project (i) Port Louis Rehabilitation Project	122,000,000 8,000,000	9,000,000	3,000,000	044,000,000 -
	(j) Pellegrin	-	35,000,000	5,000,000	-
	(k) Verger Bissambar, Beau Bassin	-	40,000,000	65,000,000	_
	(ii) Upgrading of Wastewater Infrastructure	185,000,000	125,000,000	125,000,000	125,000,000
	Total	1,438,375,000	1,218,310,000	2,149,355,000	1,920,390,000

		Rs	Rs	Rs	Rs
Item No.	Details	2013 Estimates	2014 Estimates	2015 Planned	2016 Planned
Program	me 445: Radiation Protection				
21	Compensation of Employees	5,250,000	5,945,000	6,105,000	6,225,000
21110	Personal Emoluments	4,745,000	5,330,000	5,490,000	5,610,000
21111	Other Staff Costs	500,000	561,000	561,000	561,000
21210	Social Contributions	5,000	54,000	54,000	54,000
22	Goods and Services	2,198,000	2,295,000	2,295,000	2,295,000
22010	Cost of Utilities	320,000	320,000	320,000	320,000
22020	Fuel and Oil	130,000	100,000	100,000	100,000
22030	Rent	1,235,000	1,235,000	1,235,000	1,235,000
22040	Office Equipment and Furniture	50,000	50,000	50,000	50,000
22050	Office Expenses	20,000	25,000	25,000	25,000
22060	Maintenance	60,000	60,000	60,000	60,000
22090	Security	40,000	93,000	93,000	93,000
22100	Publications and Stationery	58,000	52,000	52,000	52,000
22120	Fees	245,000	320,000	320,000	320,000
22900	Other Goods and Services	40,000	40,000	40,000	40,000
26	Grants	1,900,000	1,900,000	1,900,000	1,900,000
26210	Current Grant to International Organisations	1,900,000	1,900,000	1,900,000	1,900,000
31	Acquisition of	1,300,000	11,100,000	13,000,000	-
	Non-Financial Assets				
31112	Non-Residential Buildings	300,000	8,000,000	12,000,000	-
31112001	Constructions of RPA Office	300,000	8,000,000	12,000,000	-
31121	Transport Equipment	-	1,600,000	-	-
31122	Other Machinery and Equipment	1,000,000	1,500,000	1,000,000	-
	Total	10,648,000	21,240,000	23,300,000	10,420,000

Note: The Energy Services Division under Programme 442 'Power Services' in 2013 has been transferred under the aegis of the Ministry of Public Insfrastructure and shown under Sub-Programme 32204 of that Ministry in PBB 2014-2016.

## PART D: INPUTS - HUMAN RESOURCES

## STAFFING (FUNDED POSITIONS) BY PROGRAMMES AND SUB-PROGRAMMES

Salary	Position Titles	In Post by	Funded Positions by December		
Code	1 ostion Titles	Dec 2013	2014	2015	2016
Programme	e 441: Utility Policy, Planning and Management	46	50	50	50
	Deputy Prime Minister	1	1	1	1
02 00 100	Permanent Secretary	1	1	1	1
02 81 89	Deputy Permanent Secretary	2	2	2	2
02 50 75	Assistant Permanent Secretary	-	-	-	-
26 00 98	Director General (Public Utilities) (New)	-	1	1	1
26 00 96	Director, Technical Services (Public Utilities)	1	1	1	1
26 80 89	Deputy Director, Technical Services (Public Utilities)	1	1	1	1
26 70 83	Chief Planner	1	1	1	1
26 64 79	Principal Planner	-	-	-	_
01 80 89	Lead Analyst	-	1	1	1
01 49 79	Analyst/Senior Analyst	-	1	1	1
01 65 79	Manager, Financial Operations	1	1	1	1
01 53 72	Senior Financial Operations Officer (Personal)	1	1	1	1
01 45 65	Financial Officer/ Senior Financial Officer	1	1	1	1
21 45 65	Procurement and Supply Officer/Senior	1	1	1	1
21 10 00	Procurement and Supply Officer	1	1	1	1
01 65 79	Manager, Internal Control	-	-	-	-
01 59 76	Assistant Manager, Internal Control	1	=	=	-
01 53 72	Senior Internal Control Officer (Personal)	1	-	-	-
01 33 65	Internal Control Officer/Senior Internal Control Officer	-	-	-	-
08 51 70	Office Management Executive	2	1	1	1
08 45 64	Office Management Assistant	3	3	3	3
08 45 63	Higher Executive Officer (Personal)	_	_	=	_
08 41 61	Office Supervisor	1	1	1	1
08 30 56	Management Support Officer	10	10	10	10
08 38 63	Confidential Secretary	4	6	6	6
08 31 56	Senior Word Processing Operator	-	1	1	1
08 21 52	Word Processing Operator	3	4	4	4
24 31 46	Head Office Care Attendant	1	1	1	1
24 14 42	Office Care Attendant/Senior Office Care Attendant	7	7	7	7
24 17 45	Driver	2	2	2	2
Programme 442: Power Services		7	11	11	11
02 50 75	Assistant Permanent Secretary	1	1	1	1
22 00 93	Director, Energy Efficiency	1	1	1	1
22 54 75	Engineer, Energy Efficiency	1	3	3	3
22 39 66	Technical Officer, Energy Efficiency	1	3	3	3
26 54 77	Planner/Senior Planner	1	1	1	1
08 45 64	Office Management Assistant	1	1	1	1
08 30 56	Management Support Officer	1	1	1	1

Salary	Position Titles	In Post by Dec 2013	Funded Positions by December		
Code			2014	2015	2016
Programme 443: Water Resources		68	76	76	76
02 50 75	Assistant Permanent Secretary	1	1	1	1
26 00 93	Director	1	1	1	1
26 80 89	Deputy Director	1	1	1	1
26 70 83	Chief Engineer	2	2	2	2
26 64 79	Principal Engineer (Planning/Maintenance)	2	2	2	2
26 54 77	Engineer/Senior Engineer (Planning/Maintenance)	4	4	4	4
26 70 83	Principal Hydrological Officer	1	1	1	1
26 64 79	Senior Hydrological Officer	2	2	2	2
26 54 75	Hydrological Officer	2	2	2	2
26 49 66	Senior Hydrological Technician	3	3	3	3
26 28 63	Hydrological Technician	7	9	9	9
26 54 77	Planner/Senior Planner	1	1	1	1
26 39 66	Technical Officer	2	3	3	3
26 33 60	Technical Design Officer	1	1	1	1
26 51 66	Senior Inspector	-	-	-	-
26 43 61	Inspector	2	2	2	2
26 24 56	Assistant Inspector	-	-	=	=
01 45 65	Financial Officer/ Senior Financial Officer	1	1	1	1
01 33 55	Assistant Financial Operations Officer (Personal)	-	-	=	=
21 45 65	Procurement and Supply Officer/Senior	-	1	1	1
	Procurement and Supply Officer				
21 33 57	Assistant Procurement and Supply Officer	1	-	=	-
00 45 64	(Personal)	2	2	2	2
08 45 64	Office Management Assistant	2	3	3	3
08 45 63	Higher Executive Officer (Personal)	1	1	1	1
08 41 61	Office Supervisor	1	1	1	1
08 33 57	Executive Officer (Personal)	-	-	-	-
08 30 56	Management Support Officer	4	4	4	4
08 22 54	Clerical Officer/Higher Clerical Officer (Personal)		1	1	1
08 38 63	Confidential Secretary	1	1	1	1
08 31 56	Senior Word Processing Operator	-	-	-	-
08 21 52	Word Processing Operator	2	2	2	2
22 16 48	Receptionist/ Telephone Operator	1	1	1	1
24 35 55	Drilling Operator	-	-	-	-
24 17 45	Driver	6	7	7	7
24 14 42	Office Care Attendant/Senior Office Care	2	2	2	2
24 22 45	Field Supervisor	1	1	1	1
24 17 41	Gauge Reader	6	8	8	8
24 19 43					
24 10 34	Lorry Loader	-	1	1	1
24 01 32	General Worker	6	6	6	6

Salary Code	Position Titles	In Post by	Funded Positions by December		
		Dec 2013	2014	2015	2016
Programme 444: Sanitation		4	4	4	4
02 50 75	Assistant Permanent Secretary	1	1	1	1
26 54 77	Planner/Senior Planner	1	1	1	1
08 45 64	Office Management Assistant	1	1	1	1
08 51 70	Office Management Executive	-	-	-	-
24 17 45	Driver	1	1	1	1
Programme 445: Radiation Protection		14	14	14	14
19 80 89	Chief Radiation Protection Officer	1	1	1	1
19 64 79	Senior Radiation Protection Officer (New)	-	-	-	-
19 51 75	Radiation Protection Officer	4	4	4	4
19 28 59	Radiation Protection Assistant	2	2	2	2
08 45 64	Office Management Assistant	1	1	1	1
08 51 70	Office Management Executive	1	1	1	1
08 30 56	Management Support Officer	1	1	1	1
08 38 63	Confidential Secretary	1	1	1	1
08 21 52	Word Processing Operator	1	1	1	1
24 14 42	Office Care Attendant/Senior Office Care Attendant	1	1	1	1
24 17 45	Driver	1	1	1	1
Total		139	155	155	155

Note: Staff of the Energy Services Division shown under Programme 442 in 2013 has been transferred to the Ministry of Public Infrastructure and shown under Sub- Programme 32204 of that Ministry in PBB 2014-2016.