



CRIS 2017/387289/1

FWC Beneficiaries 2013 - Lot 4 - Energy and Nuclear Safety

FORMULATION OF THE LESOTHO ELECTRIFICATION MASTER PLAN

Off-Grid Master Plan Report



This project is funded by

The European Union



A project implemented by

AETS Consortium

DELEGATION of the EUROPEAN UNION

Lesotho

Formulation of the Electrification Master Plan

**Contract N°2017/387289/1
FWC Beneficiaries 2013 - Lot 4 - Energy and Nuclear Safety**

Off-Grid Master Plan Report

15 June 2018

Drafted by:
David Fernandez

Reviewed by:
Ralf Tobich

The contents of this publication are the sole responsibility of AETS Consortium and can in no way be taken to reflect the views of the European Union

Table of Contents

| | | |
|----------|------------------------------------------------------|-----------|
| 1 | EXECUTIVE SUMMARY | 1 |
| 2 | INTRODUCTION | 6 |
| 2.1 | SCOPE OF THE OFF-GRID MASTER PLAN | 6 |
| 2.2 | METHODOLOGY | 6 |
| 3 | RENEWABLE ENERGY & TECHNOLOGY SUITABILITY | 8 |
| 3.1 | SOLAR PHOTOVOLTAICS | 8 |
| 3.1.1 | <i>Definition</i> | 8 |
| 3.1.2 | <i>Technology suitability</i> | 8 |
| 3.2 | BIOENERGY | 9 |
| 3.2.1 | <i>Definition</i> | 9 |
| 3.2.2 | <i>Technology suitability</i> | 9 |
| 3.3 | WIND ENERGY | 10 |
| 3.3.1 | <i>Definition</i> | 10 |
| 3.3.2 | <i>Technology suitability</i> | 10 |
| 3.4 | HYDROPOWER | 11 |
| 3.4.1 | <i>Definition</i> | 11 |
| 3.4.2 | <i>Technology suitability</i> | 11 |
| 3.5 | CONCENTRATED SOLAR POWER | 11 |
| 3.5.1 | <i>Definition</i> | 11 |
| 3.5.2 | <i>Technology suitability</i> | 11 |
| 3.6 | CONCLUSION | 11 |
| 4 | OFF-GRID ELECTRIFICATION PLANNING | 13 |
| 4.1 | OFF-GRID SYSTEM TYPES & COSTS | 13 |
| 4.2 | SYSTEM DESCRIPTION | 14 |
| 4.2.1 | <i>Solar Lantern</i> | 14 |
| 4.2.2 | <i>Solar Kit</i> | 14 |
| 4.2.3 | <i>Solar Home Systems</i> | 14 |
| 4.2.4 | <i>Mini-Grid</i> | 15 |
| 4.3 | HOUSING TYPES & SYSTEM DISTRIBUTION | 16 |
| 5 | OFF-GRID ELECTRIFICATION TIME-PLAN AND COST | 17 |
| 5.1 | OFF-GRID BUDGET ALLOCATION | 17 |
| 5.2 | OFF-GRID TIME PLAN | 18 |
| 5.3 | MINI-GRID SYSTEMS | 20 |

| | | |
|----------|-----------------------------------------|-----------|
| 6 | IMPLEMENTATION ISSUES | 24 |
| 6.1 | MARKET MECHANISM | 24 |
| 6.2 | IMPLEMENTATION MODELS | 24 |
| 6.2.1 | <i>Traditional Models</i> | 24 |
| 6.2.2 | <i>Supplier Financing</i> | 25 |
| 6.2.3 | <i>Revolving fund</i> | 25 |
| 6.3 | SYSTEM QUALITY | 26 |
| 6.4 | MAINTENANCE AND AFTER-SALES SERVICE | 27 |
| 6.5 | AWARENESS CREATION | 27 |
| 6.6 | ACCELERATING ACCESS TO ELECTRICITY | 27 |
| 7 | ANNEX | 29 |
| 7.1 | HOUSEHOLD TYPES | 29 |
| 7.1.1 | <i>Rontabole</i> | 29 |
| 7.1.2 | <i>Heisi</i> | 29 |
| 7.1.3 | <i>Polata</i> | 29 |
| 7.1.4 | <i>Malaene</i> | 30 |
| 7.1.5 | <i>Optaka</i> | 30 |
| 7.1.6 | <i>Bungalow</i> | 31 |
| 7.1.7 | <i>Apartment Building or Town House</i> | 31 |
| 7.1.8 | <i>Temporary Structure</i> | 31 |
| 7.2 | ANNUAL OFF-GRID ROLL-OUT SCHEDULE | 33 |

List of Figures

| | |
|----------------------------------------------------------------------|----|
| <i>Figure 1: Solar Lantern.....</i> | 14 |
| <i>Figure 2: Solar Kit.....</i> | 14 |
| <i>Figure 3: Typical SHS layout</i> | 15 |
| <i>Figure 4: Typical Mini-Grid Layout.....</i> | 15 |
| <i>Figure 5: Annual Budget Allocation for Grid and Off-Grid.....</i> | 17 |
| <i>Figure 6: Budget Allocation Components</i> | 17 |
| <i>Figure 7: Cumulative Investment over 20 Years.....</i> | 18 |
| <i>Figure 8: Household Electricity Access over 20 Years</i> | 18 |
| <i>Figure 9: Standalone systems delivery plan over 20 years.....</i> | 19 |
| <i>Figure 10: Number of EAs Electrified per Year.....</i> | 20 |
| <i>Figure 11: Identified mini-grid sites for Lesotho.....</i> | 23 |
| <i>Figure 12: Rontabole (photo: David Fernandez).....</i> | 29 |
| <i>Figure 13: Heisi (photo: World Bank).....</i> | 29 |
| <i>Figure 14: Polata (photo: David Fernandez).....</i> | 30 |
| <i>Figure 15: Malaene (photo: UN-Habitat)</i> | 30 |
| <i>Figure 16: Optaka (photo: UN-Habitat)</i> | 30 |
| <i>Figure 17: Bungalow (photo: David Fernandez)</i> | 31 |
| <i>Figure 18: Town house (Photo www. myproperty.co.ls)</i> | 31 |
| <i>Figure 19: Temporary Structure (photo: David Fernandez).....</i> | 32 |

List of Tables

| | |
|--------------------------------------------------------------------------|----|
| <i>Table 1: Off Grid System Types & Cost.....</i> | 13 |
| <i>Table 2: Off-Grid System Allocation by Housing Type</i> | 16 |
| <i>Table 3: Average Yearly Off-Grid Connections by System Type</i> | 19 |
| <i>Table 4: Annual Off-Grid Roll-Out Summary.....</i> | 19 |
| <i>Table 5: Potential Mini-Grid Sites</i> | 21 |

List of Acronyms

| | |
|--------------------|--------------------------------------------------------------------------|
| AETS | Application Européenne de Technologies et de Services |
| BoS | Bureau of Statistics |
| CAPEX | capital expenditure |
| CFLs | compact fluorescent lamps |
| DoE | Department of Energy |
| EA | enumerator area |
| EE | energy efficiency |
| EMP | Electrification Master Plan 2017 |
| EU | European Union |
| EUD | European Union Delegation |
| GDP | gross domestic product |
| HH | household |
| IEA | International Energy Agency |
| IPP | independent power producer |
| kW | kilowatt |
| kWh | kilowatt-hours |
| kWh/m ² | kilowatt-hours per square meter |
| LCOE | levelized cost of energy |
| LEC | Lesotho Electricity Company |
| LEDs | light-emitting diode lamps |
| LEWA | Lesotho Energy and Water Regulatory Authority |
| LHDA | Lesotho Highlands Development Authority |
| LREBRE | Lesotho Renewable Energy-Based Rural Electrification Project (2007-2013) |
| M | Lesotho Maloti (currency) |
| MEM | Ministry of Energy and Meteorology |
| MW | megawatt |
| NEMP | National Electrification Master Plan (2007) |
| NSDP | National Strategic Development Plan |
| OGS | off-grid system |
| OPEX | operational expenditure |
| O&M | operation and maintenance |
| PS | Principal Secretary |
| PV | photovoltaic |
| RE | renewable energy |
| SDGs | sustainable development goals |
| SEforAll | Sustainable Energy for All |
| SHS | solar home system |
| TAF | Technical Assistance Facility of the EU support programme |
| ToR | terms of reference |
| TWG | Technical Working Group for the EMP |
| UNDP | United Nations Development Programme |

1 EXECUTIVE SUMMARY

This report represents the prioritised 2017 – 2036 Off-Grid Master Plan for the electrification of Lesotho. It covers a 20-year time horizon and is meant to enable systematic, predictable and equitable off-grid electricity roll-out, with a view to enhance quality of life, provide income-generating opportunities and alleviate poverty in Lesotho.

The Off-Grid Master Plan caters for all those areas of Lesotho that will not (initially) be reached by the national power grid and comprises of both mini-grid and stand-alone solar PV solutions. The technology analysis concluded that stand-alone solar PV is the most suitable option for small-scale household application, while mini-grids powered by solar PV, wind, biomass or hydro may be more suitable for larger and high-density settlements in areas remote from the grid. Mini-grid systems, however, are often resource dependent and require a detailed feasibility study to reach a final decision regarding the most suitable technology.

A sustained annual electrification budget of M150 million is assumed for the EMP, based on the current level of government budget allocation for this purpose. The Ministry of Energy and Meteorology (MEM) decreed that only 20% of this budget – M30 million per year – shall be allocated to off-grid electrification for the time being, with the balance – M120 million per year – going towards grid electrification.

The planning methodology was discussed and agreed with stakeholders via the Technical Working Group (TWG), to ensure alignment with current thinking and the country's goals and needs. The EMP also takes cognisance of the country's development objectives.

While the EMP would ideally have used village-level planning, this was not possible because essential village data – number of households per village – was not available. Instead, enumerator area (EA) data from the 2016 census is used as the primary building block for the electrification planning.

The prioritisation of off-grid projects followed the methodology described in the separate report titled '*Action & Investment Plan*' that forms part of the EMP and resulted in annual electrification schedules that fit within the available budget. The prioritisation algorithm provided for a 2-stage process, with the first stage separating grid and off-grid EAs and the second stage ranking projects in priority order. EAs were evaluated based on the number of households, public buildings, anchor customers, agreed weighting factors etc. and a scoring was assigned to each EA, with a higher score indicating a higher priority ranking.

With demand for energy and affordability varying from consumer to consumer, an average off-grid energy demand profile was established for each EA, based on the number and combination of consumer types and six typical off-grid electricity systems – OGS 1 to OGS 6 – offering increasing levels of energy service.

| System ID | Off-Grid System Type | Service Level | System Cost (Maloti) |
|-----------|---------------------------------------------------------------------------------------|----------------------------------------------|----------------------|
| OGS 1 | Solar Lantern and phone charger | Basic lighting and phone charging | 600 |
| OGS 2 | Solar DIY Kit (solar panel, charge regulator, battery, multiple lamps, phone charger) | Household lighting, radio and phone charging | 1,600 |

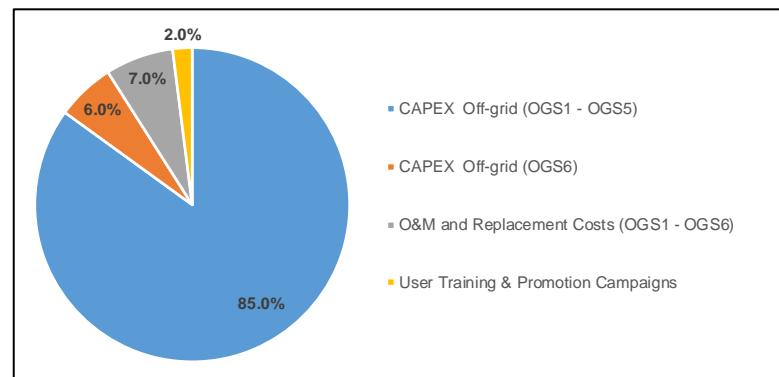
| System ID | Off-Grid System Type | Service Level | System Cost (Maloti) |
|-----------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------|
| OGS 3 | Large Solar DIY Kit (with solar panel, charge regulator, battery, 3 lamps, phone charger) | Household lighting, radio and phone charging | 2,400 |
| OGS 4 | AC Solar Home System (150Wp solar panel, charge regulator, battery, inverter) | Household lighting, low power appliances (e.g. Radio, TV) | 14,000 |
| OGS 5 | AC Solar Home System (300Wp solar panel, charge regulator, battery, inverter) | Lighting, multiple low power AC appliances like fridge, TV, DVD, etc. | 24,000 |
| OGS 6 | Solar PV Mini-Grid (150kWp solar PV array, battery storage, inverter bank, distribution network) | Lighting, multiple low power AC appliances like fridge, TV, DVD, lap top, etc. | 1,050,000 |

The EMP uses the housing types from the 2016 census as a proxy for affordability, which in turn defines the number of systems that are likely to be used in each EA.

| SYSTEM TYPE | HOUSING TYPE | | | | | | | | SYSTEM DISTRIBUTION |
|--------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|---------------------|
| | Temporary Structure | Rontabole | Heisi | Polata | Malaene | Opiaka | Apartment | Town House / Bungalow | |
| OGS 1 | 100% | 90% | | | | | | | 24% |
| OGS 2 | | 10% | 90% | 90% | | | | | 37% |
| OGS 3 | | | 10% | 10% | 100% | 100% | 20% | 20% | 34% |
| OGS 4 | | | | | | | 70% | 70% | 4% |
| OGS 5 | | | | | | | 10% | 10% | 1% |
| TOTAL | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

The M30 million annual off-grid investment is broken down in the following budget components:

- M25.5 million (85%) for stand-alone systems,
- M1.8 million (6%) for mini-grids,
- M2.1 million (7%) for O&M and component replacement, and
- M600,000 (2%) for training and promotion campaigns.



With an annual investment of M30 million an average of 10,663 HH can be provided with modern off-grid energy solutions every year, i.e. 213 260 HH connections for a total budget of M600 million. An average of 100 EAs would be supplied with off-grid systems on an annual basis totalling 2,006 EAs over 20 years. The annual roll-out schedules are included in the Annex.

The breakdown of annual ‘connections’ by system type is as follows:

| SYSTEM ID | SYSTEM TYPE | # UNITS or CONNECTIONS |
|-----------|--------------------|------------------------|
| OGS 1 | Solar lantern | 2,461 |
| OGS 2 | Small solar kit | 3,769 |
| OGS 3 | Large solar kit | 3,466 |
| OGS 4 | Small SHS (150Wp) | 447 |
| OGS 5 | Large SHS (300Wp) | 141 |
| OGS 6 | Mini-grid (150kWp) | 379 |
| TOTAL: | | 10,663 |

Access to electricity stood at 38.5% in 2017, representing about 207,000 households, which leaves approximately 330,000 households to be electrified. With an annual investment of M150 million – of which 80% is going towards grid electrification and only 20% towards off-grid solutions – and an estimated population growth rate of 1.04% per annum, it will take more than 30 years for Lesotho to provide universal access to electricity for all its citizens. This timeframe could be considerably shortened if there was greater focus on lower-cost off-grid solutions.

The key issues that need to be considered for sustainable implementation of the off-grid electrification program in Lesotho include:

- a. An appropriate ***market mechanism*** that centres on private sector engagement and participation, with Government facilitating an enabling environment for this to materialise, through
 - i. appropriate policies and directives;
 - ii. awareness creation;
 - iii. promotion of quality standards for off-grid systems, equipment and appliances;
 - iv. placing emphasis on after-sales service for off-grid systems, equipment and appliances; and
 - v. enabling access to affordable financing for end users.
- b. An ***affordable financing*** scheme for end users: Greater technology maturity and lower system prices have reduced the investment risks, resulting in system suppliers and service providers being able to raise financing for electrification schemes. Evidence of this can already be found in Lesotho among fuel-efficient cookstove manufacturers who are enabling their customers to acquire systems on credit with affordable repayment terms.
- c. A ***revolving fund for off-grid electrification*** specifically can be a catalyst for enabling faster roll-out of the master plan, as it
 - i. de-risks private sector participation: suppliers are not burdened with having to arrange or provide the financing;
 - ii. enhances supplier cash-flow (which is a major barrier): suppliers receive immediate payment upon order/delivery/installation of systems; and

- iii. provides affordable financing terms for system buyers/users: reasonable interest rates and repayment terms.
- d. Promotion of **group schemes**: provision of credit to groups of users, rather than individuals, greatly contributes towards ensuring low default rates as such groups carry collective responsibility for collection of deposit and repayment funds from members.
- e. Mitigation of **system quality** issues may be dealt with by way of
 - i. product warranties;
 - ii. product certification and labelling;
 - iii. awareness creation; and
 - iv. good after-sales and maintenance service.
- f. Effective **after-sales service and maintenance**: The establishment of a viable distribution and servicing infrastructure – including guaranteed replacement of the certain components (eg batteries) reaching the end of their lifecycle – is one of the most crucial aspects in the deployment chain for stand-alone off-grid systems. Users should not have to travel long distances at great expense to access after-sales and maintenance services.
- g. **Proper awareness and understanding** of off-grid energy solutions is a critical ingredient for the success of any off-grid programme. It is recommended that the DOE embarks on an effective awareness campaign in this regard, as soon as possible, to better prepare the market that is already emerging. Such an awareness campaign should have an initial term of not less than 12 months and may include the following elements, among others:
 - i. Dissemination of information brochures in local language(s).
 - ii. Regular radio and TV infomercials about the uses, benefits and limitations of off-grid systems.
 - iii. Regular radio programs dealing with off-grid issues, such as quality and cost, service levels, maintenance and after-sales service, financing options, etc.
 - iv. Billboard advertising.
- h. **Accelerating access to electricity**: Lesotho's present preference of an 80% / 20% split of the available budget between grid and off-grid appears conservative and not conducive to accelerating access to electricity for its citizens. It is therefore recommended that the MEM considers an alternative approach, as follows:
 1. Set a target date, through a policy directive, for Lesotho to reach universal access to electricity.
 - Universal access in this sense means that all households have access to some form of electricity which may be very simple – as in the case of a solar lantern – yet mean a huge improvement in quality of life for poor households.
 - The lower the service level, the sooner the target can be reached. If Government opts for rolling out solar lanterns as a first step in the electrification programme, a large number of households can benefit in a very short time and the target will be reachable within 2-3 years.
 - Lesotho can then claim universal access to electricity which significantly contributes towards achievement of the SDGs.
 2. Establish capacity and a mandate for dealing with the off-grid electrification program.

- This was already recommended by the TAF SE4All team: “*the formation of an Agency-like Entity that shall take care of energy solutions in off-grid areas*”.
- 3. Increase the off-grid budget allocation such that the target can be achieved.
 - This will require determination of an appropriate mix of off-grid systems that provide various service levels at corresponding cost (i.e. low service level = low cost, high service level = higher cost).
 - Budget allocation for grid electrification will need to be reduced significantly, for a period of time.
- 4. Establish a revolving fund for off-grid electrification specifically.
 - This was already recommended by the TAF SE4All team: creating a “*Financing mechanism for Rural Energy Access within an Energy Fund*”.
- 5. Once the universal access target has been reached, the electrification programme will continue with the aim of increasing service levels.
 - The grid electrification programme will continue, possibly with an increased budget.
 - Households that have benefited from simple off-grid systems will have the opportunity to upgrade to higher-service-level systems in accordance with what they can afford.

2**INTRODUCTION**

In August 2017, the European Union Delegation (EUD) appointed AETS Consortium (the Consultant) to undertake the “*Formulation of the Electrification Master Plan*” for Lesotho. This electrification master plan (EMP) covers a 20-year time horizon and caters for both grid and off-grid electrification. It is meant to enable systematic, predictable and equitable grid expansion and off-grid electricity roll-out, with a view to enhance quality of life, provide income-generating opportunities and alleviate poverty in Lesotho.

This report represents the prioritised 2017–2036 *Off-Grid Master Plan* for the electrification of Lesotho. It forms part of the overall EMP which also includes a prioritised *Grid Development Plan* for the same period.

2.1**SCOPE OF THE OFF-GRID MASTER PLAN**

The mountainous terrain and low population density in the Senqu River Valley, Foothills and Highlands render grid extension largely unfeasible, which justifies electrification by off-grid means. The Off-Grid Master Plan caters for all those areas of Lesotho that will not (initially) be reached by the national power grid and comprises of both mini-grid and stand-alone solar PV solutions.

A sustained annual electrification budget of M150 million is assumed for the EMP, based on the current level of government budget allocation for this purpose. The Ministry of Energy and Meteorology (MEM) decreed that only 20% of this budget – M30 million per year – shall be allocated to off-grid electrification for the time being, with the balance – M120 million per year – going towards grid electrification.

While the EMP would ideally have used village-level planning, this was not possible because essential village data – number of households per village – was not available. Instead, enumerator area (EA) data from the 2016 census is used as the primary building block for the electrification planning.

2.2**METHODOLOGY**

The prioritisation of off-grid projects followed the methodology described in the separate report titled ‘*Action & Investment Plan*’ that forms part of the EMP and resulted in annual electrification schedules that fit within the available budget. The prioritisation algorithm provided for a 2-stage process, with the first stage separating grid and off-grid EAs and the second stage ranking projects in priority order. EAs were evaluated based on the number of households, public buildings, anchor customers, agreed weighting factors etc. and a scoring was assigned to each EA, with a higher score indicating a higher priority ranking.

With demand for energy and affordability varying from consumer to consumer, an average off-grid energy demand profile was established for each EA, based on the number and combination of consumer types and six typical off-grid electricity systems – OGS 1 to OGS 6 (see Section 4) – offering increasing levels of energy service.

The planning methodology was discussed and agreed with stakeholders via the Technical Working Group (TWG), to ensure alignment with current thinking and the country’s goals and needs. The EMP also takes cognisance of the country’s development objectives contained in the following documents:

National Strategic Development Plan 2012/13 – 2016/17 – Key Goals

- Promote integrated and sustainable development in rural areas.
- Increase clean energy production capacity to attain self-sufficiency, export and have a greener economy.

- Develop small-scale electricity generation models that are viable for communities, where connection to the national power grid is not cost-effective.
- Develop basic infrastructure to increase access to services and markets and strengthen linkages between rural and urban markets.

Lesotho Energy Policy 2015-2025

- Contributing towards the improvement of livelihoods: The energy sector will contribute towards poverty alleviation in Lesotho. This will be achieved through the creation of income generating opportunities that sustain and improve the lives of people in the country through facilitating the provision of affordable technologies and services.
- Integrating energy into national and sectoral planning as a catalyst for energy effective utilisation to improve the livelihoods of the people of Lesotho as well as driving the economic growth.

Lesotho Vision 2020

- Development of a strong economy and environmental considerations.
- Decentralizing services and power to empower communities at the grassroots.
- Development of a proper economic infrastructure, including roads, telecommunications and electricity networks and reduction of the gap between the rich and the poor.
- Development of the use of technology in all aspects of life. Ninety percent of Basotho households will have access to electricity and thereby to communication and development technology.

3 RENEWABLE ENERGY & TECHNOLOGY SUITABILITY

Lesotho has abundant solar, wind, and hydropower resources. According to the “SREP Investment Plan for Lesotho” (2017) the country has a technical solar potential of 188 MW (large, medium and small-scale plants), a utility wind potential of 2,077 MW and an estimated hydropower potential of 14,000 MW. The different choices of renewable energy technology and actual suitability at country level vary as a consequence of the different economic, technical and environmental conditions. Furthermore, the technical and financial viability of a utility-sized renewable energy plant cannot be compared with a stand-alone system, as the scale factors, type of client, affordability levels, business models, project needs and other parameters are very different.

Below follows an analysis of different commercially mature renewable energy technologies that assesses the qualitative features of each of them. The aim is to evaluate the actual suitability in the rural environment and scrutinise the technology appropriateness for the type of applications intended for the EMP.

3.1 SOLAR PHOTOVOLTAICS

3.1.1 Definition

Solar photovoltaic (PV) systems convert energy from the sun into electricity through semi-conductor cells based on the photovoltaic effect. There are basically two types of PV systems:

- **Grid connected:** Such PV systems can be roof- or ground-mounted and supply electricity either to a house, building or other load connected to the grid, or feed electricity directly into the grid.
- **Off-grid:** These PV systems are decentralized and not connected to the grid, and supply the electricity to a load where it is needed. There are different off-grid PV system options depending on the required energy service level such as: solar home systems, solar lanterns, solar kits, etc.

3.1.2 Technology suitability

The PV technology for electricity generation has several considerations that need to be highlighted:

- Lesotho is a country with an abundant solar resource potential with Global Horizontal Irradiation (GHI) levels ranging between 1,700 and 2,100 kWh/m² per year depending on the location.
- The low latitude of the country translates into a higher seasonality ranging between 10.5 daylight hours per day in winter and 13.5 daylight hours per day in summer. The solar resource is available over the whole year with more than 300 days of sunshine, except for rainy days where the performance of the PV system will drop.
- PV system costs have been falling and become very competitive in recent years. The affordability for this type of product has increased considerably.
- The PV market is very mature with a wide range of products in terms of costs and service levels. This may include devices from small lighting products such as desk lamps to kits coming with a number of lights and phone charging capability, as well as larger PV systems that require installation by trained technicians that can power an entire household including appliances like TV, radios and other low-power devices.

The PV technology is a good fit for Lesotho because of its cost competitiveness, technological & market maturity, and the fact that the country has a high annual availability of the solar resource (300 days of sunshine per year). This combination is especially relevant for rural environments and households with constrained finances. Moreover, the PV market offers significant flexibility in terms of product range and service levels that allows the customer to have a wide choice.

3.2 BIOENERGY

3.2.1 Definition

Bioenergy is a type of renewable energy derived from biomass to generate electricity or heat, or to produce biofuels. The biofuel utilised in this process may include: wood, agricultural waste, manure, organic residues or other by-products.

There is a large variety of technologies that utilise the energy potential of biomass wastes, ranging from very simple systems to more complex technologies capable of dealing with large amounts of waste. The bioenergy technologies can be mainly divided in 2 types: thermo-chemical and bio-chemical.

3.2.2 Technology suitability

For the EMP only the electricity generation biomass technologies were considered.

Biomass gasification

Gasification of biomass involves the conversion of the biomass or waste to a biogas without a combustion process, but with the additional supply of heat, steam or oxygen. This biogas is then used in a process for electricity generation through an engine that may involve a tailored turbine or reciprocating engine.

Reliable electricity generation from biomass gasification throughout the year would require an abundant biomass resource in close proximity of the power plant. This will be hard to find in Lesotho where the scarce natural biomass resource is already under pressure from rural community exploitation and deforestation, causing environmental hazards like soil erosion. The fuelwood scarcity in Lesotho is also evident through the country's reliance on wood and coal imports to complement its domestic supply.

Moreover, biomass gasification plants for electricity generation are technologically complex and costly compared to other renewable energy technologies, especially for small-scale projects in the kW range. Therefore, it can be concluded that:

- Applying this technology at household level is rather challenging and costly to implement.
- Applying this technology at a larger scale as a mini-grid plant would require a detailed feasibility assessment.

Anaerobic bio-digestion

The anaerobic bio-digestion process involves the storage of the organic waste in a sealed tank (digester or bioreactor) where it is heated and agitated. In the absence of oxygen anaerobic bacteria consume the organic matter to multiply and produce biogas. The biogas is then used in a further process for electricity generation through an engine that may involve a tailored turbine or reciprocating engine.

Bio-digestion technologies utilise organic waste such as animal manure from farms for biogas generation. This technology for electricity generation has several challenges especially for smaller scale applications:

- The animal confinement needs to be concentrated in one facility area so that in practical terms the dung collection is feasible. In Lesotho it is rare that goats and sheep are confined during the day in an enclosed space.
- Water needs for bio-digesters are difficult to meet in many rural areas in Lesotho.
- The low temperatures especially during the winter season have a deleterious effect on the methanogenesis process in the bio-digester and this leads to decreasing biogas yields and potential digester failures.
- The CAPEX and OPEX are relatively high compared to other renewable energy technologies, especially at smaller scales.
- Time requirements for plant operation are significant.
- Specialised training is needed for plant users.
- Technological complexity is greater in comparison with other technologies.

Therefore, it can be concluded that:

- Application of this technology is not suitable for implementation at domestic household level.
- Application of this technology at a larger scale as a mini-grid plant on large agricultural, industrial or animal farms would require a detailed feasibility assessment.

3.3 WIND ENERGY

3.3.1 Definition

A wind turbine is a machine that converts kinetic energy in wind into mechanical energy. When wind blows past a turbine, the blades capture the energy and rotate. This rotation allows the internal shaft to spin, increasing the speed of rotation through a gearbox, which drives a generator that ultimately produces electricity.

3.3.2 Technology suitability

Wind power represents one of the most mature and cost-effective electricity generating solutions for utility-sized projects. When assessing the suitability of wind power generation for Lesotho the following aspects must be considered:

- The wind resource is very site-specific and requires detailed studies to confirm feasibility of a specific wind project. This typically involves the precise wind measurement for at least 1-2 years, which is a costly exercise.
- The wind resource has normally an inter-annual and inter-seasonal variation. If the winds are weak during certain months, this will result in very low or no electricity generation capacity in that period.
- For smaller scale applications at household level wind turbines are normally closer to the ground. This results in more turbulent and lower speed winds that will decrease the power performance and involves greater maintenance requirements.
- Total levelized cost of wind installations do vary considerably depending on the plant size and available wind resource.

Therefore, it can be concluded that:

- Wind power is not suitable for implementation at household level.
- Wind power at a larger scale as a mini-grid plant would require a detailed feasibility assessment to determine suitability.

3.4 HYDROPOWER

3.4.1 Definition

Hydropower plants convert potential energy into kinetic energy from falling water to generate electricity. The turbine converts the kinetic energy into mechanical energy and a generator produces electrical energy. The energy production depends on the available water volume and the head.

3.4.2 Technology suitability

Lesotho has a good hydro resource that offers opportunities for mid- to large-scale hydropower development. For small-scale applications such as for mini-grids a detailed feasibility study would be needed.

For hydropower the assessment is very project specific and the particular site conditions will make each system different. The hydro design needs to consider the exact site details and actual arrangement (water intake, penstock, powerhouse, etc.). Furthermore, an exhaustive investigation analysis is required evaluating a wide range of parameters such as: monthly flowrates, potential head, water intake suitability (sedimentation considerations), flowrate seasonality, social & environmental impacts, etc. The actual estimation of the hydro potential and hence measurement of the monthly and yearly flowrates is critical for the project viability.

Hydropower is seldom applicable at household level but is suited for mini-grid application where there is a good resource nearby. Nevertheless, a detailed feasibility analysis will be required to understand the techno-economics of a potential hydropower project.

3.5 CONCENTRATED SOLAR POWER

3.5.1 Definition

Concentrated solar power (CSP) systems generate electricity by concentrating the direct sunlight onto receivers converting it to heat. The thermal energy is then used to generate steam that is fed into a turbine or heat engine that drives a generator and produces electricity. The great advantage of CSP technologies is its ability to collect solar energy and convert it to thermal energy that can be stored to generate the electricity when needed rather than when the resource is available.

3.5.2 Technology suitability

This technology is suited for utility-sized MW projects but not for small-scale applications such as homes or mini-grids. Moreover, to develop this technology at least 2 years of direct normal irradiation (DNI) measurements are required to evaluate the actual resource potential. This would have to be undertaken individually for each site to obtain accurate information to assess the solar potential. On the other hand, this technology requires regular O&M to run the system efficiently. Hence, qualified technicians would be needed involving the development of exhaustive training programs.

It can be concluded that for the kind of smaller scale applications considered for the EMP this solution is not ideal for the given reasons.

3.6 CONCLUSION

This section undertook an analysis of different potential renewable energy technologies for Lesotho taking into consideration different qualitative aspects including: technology

features, resource availability, resource variability, cost, environmental considerations, etc. The key conclusions are as follows:

- For small-scale application for individual households solar PV is the most suitable option.
- Larger application in mini-grid systems are often resource dependent and require a detailed feasibility study to reach a final decision regarding the most suitable technology. This could involve solar PV, wind, biomass or hydro.

4 OFF-GRID ELECTRIFICATION PLANNING

As explained in Section 3, off-grid electrification by stand-alone solar PV is the most suitable option for small-scale household application in low-density settlements. High-density settlements in remote areas may be suitable for mini-grid electrification.

4.1 OFF-GRID SYSTEM TYPES & COSTS

The off-grid electrification needs of an EA depend on the number and types of customers. In order to accommodate different needs and affordability levels, six typical system types were discussed and agreed with the TWG to be used for master planning purposes. These are summarised in Table 1 below:

Table 1: Off Grid System Types & Cost

| System ID | Off-Grid System Type | Service Level | System Cost (Maloti) |
|-----------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------|
| OGS 1 | Solar Lantern and phone charger | Basic lighting and phone charging | 600 |
| OGS 2 | Solar DIY Kit (solar panel, charge regulator, battery, multiple lamps, phone charger) | Household lighting, radio and phone charging | 1,600 |
| OGS 3 | Large Solar DIY Kit (with solar panel, charge regulator, battery, 3 lamps, phone charger) | Household lighting, radio and phone charging | 2,400 |
| OGS 4 | AC Solar Home System (150Wp solar panel, charge regulator, battery, inverter) | Household lighting, low power appliances (e.g. Radio, TV) | 14,000 |
| OGS 5 | AC Solar Home System (300Wp solar panel, charge regulator, battery, inverter) | Lighting, multiple low power AC appliances like fridge, TV, DVD, etc. | 24,000 |
| OGS 6 | Solar PV Mini-Grid (150kWp solar PV array, battery storage, inverter bank, distribution network) | Lighting, multiple low power AC appliances like fridge, TV, DVD, lap top, etc. | 1,050,000 |

As can be observed the service level each of these systems provides increases as the system ID number increases, in the same manner the system cost increases too. The aim was that the different systems proposed cover a range of service levels and costs adjusting to the needs and affordabilities that can be expected to be found within an EA.

The actual costs of the solar kits, solar lanterns and SHSs will vary considerably depending especially on the product quality and service level. The estimated costs in Table 1 are for products with good quality standards and minimum warranties (e.g. 1 year) in order to ensure component endurance compared to cheaper and lower quality off-grid energy solutions.

The detailed product description for each of the system types can be found in sections below.

4.2 SYSTEM DESCRIPTION

4.2.1 Solar Lantern

Solar lanterns are portable lighting systems comprising of a lamp, a PV panel and a battery that charges during the day and provides lighting during the evening/night. Some models with larger batteries include phone charging capability.

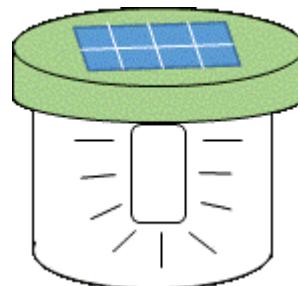


Figure 1: Solar Lantern

4.2.2 Solar Kit

A Solar Kit represents a portable plug and play PV system that may include a small PV panel, cables, lights, on/off switches, battery and charge regulator. The solar kit sizes can range from a few watts up to 1kW typically.

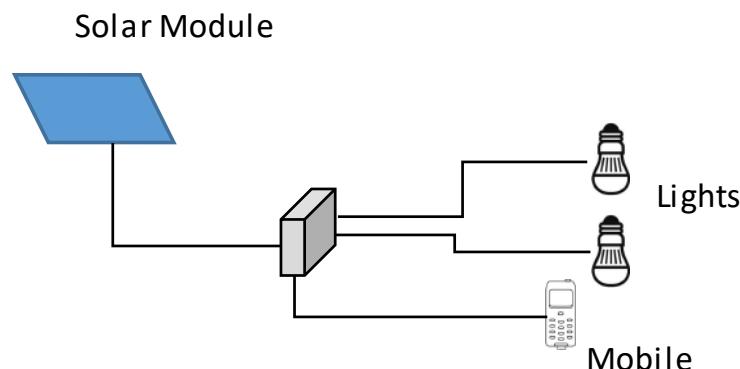


Figure 2: Solar Kit

For the EMP modest sized kits OGS2 and OGS3 have been proposed that provide basic service levels for rural households with lower affordability. The services these kits provide include lighting, radio and phone charging. The OGS3 provides a higher service level and is therefore more expensive than the OGS2.

4.2.3 Solar Home Systems

Solar home systems (SHS) are stand-alone PV systems that supply electricity for lighting and appliances in remote off-grid households. For rural areas that are not connected to the grid, SHS could be used to satisfy the energy demands fulfilling basic power needs.

A SHS typically includes one or more PV modules consisting of solar cells, a charge controller which distributes power and protects the batteries from damage, as well as managing the appliance loads. An SHS normally has at least one battery to store energy for use when the sun is not shining. The typical size for this type of systems ranges from 50Wp up to 1kWp.

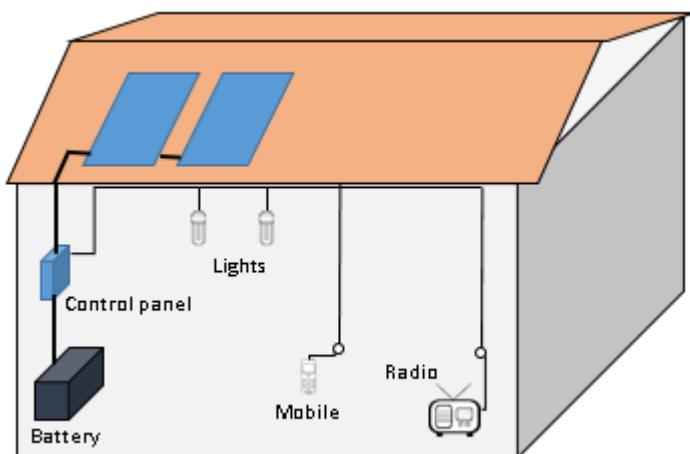


Figure 3: Typical SHS layout

For the EMP typical SHSs OGS4 and OGS5 have been proposed that provide medium service levels for rural households that have higher affordabilities. These SHS provide a higher service level than solar kits that may include low power AC appliances (e.g. small fridge, computer, TV and DVD) in addition to lighting, radio and phone charging. The OGS5 is the costlier option compared to the OGS4 as it provides a higher service level.

4.2.4 Mini-Grid

Mini-grids are isolated distribution networks with a central power generation source (installed capacity typically between 10 kW and 10 MW) that serve consumers connected to it. In addition to the power generator, a mini-grid may include a battery bank to store the electricity, a power conditioning unit (PCU) consisting of junction boxes, charge controllers, inverters, distribution boards and necessary wiring/cabling, etc., all located within a container or purposely constructed building, and a distribution network (built to LEC standards) to carry power to individual houses and other consumers.

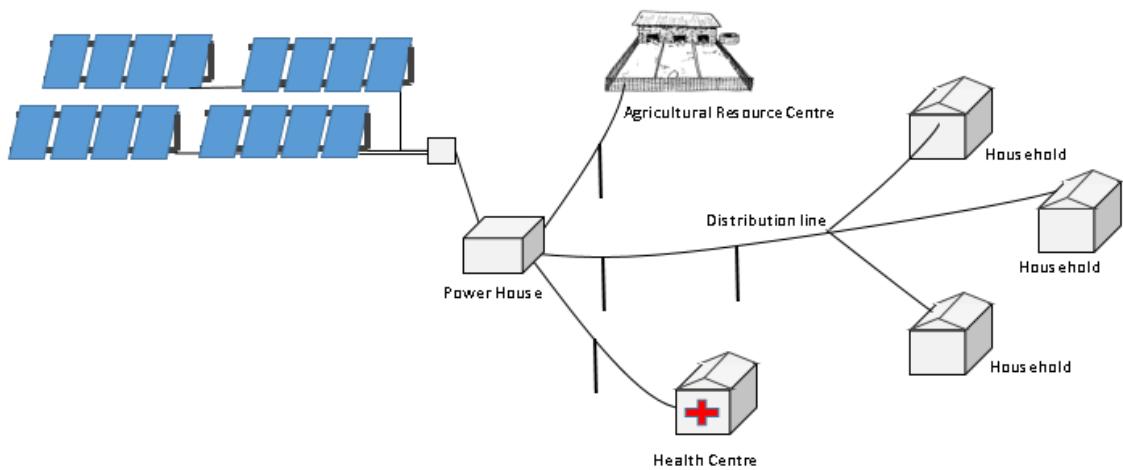


Figure 4: Typical Mini-Grid Layout

For the EMP OGS6 is the system type that provides the highest service level, including lighting and multiple low power AC appliances like fridge, TV, DVD, lap top, etc. The typical system size assumed for the mini-grid is 150kWp based on the information obtained from different reports such as the 2001 Access Study, the 2007 NEMP and the 2016 UNDP SE4All Project Document.

4.3

HOUSING TYPES & SYSTEM DISTRIBUTION

For master planning purposes it is necessary to assume a typical energy demand distribution according to which the five standard stand-alone systems from Table 1 above are to be allocated. The EMP uses the housing types from the 2016 census as a proxy for affordability, which in turn defines the number of systems that are likely to be used in each EA. The census uses eight housing types as follows: Rontabole, Heisi, Polata, Malaene, Optaka, Apartment, Town House/Bungalow and Temporary Structure. These are described in more detail in the Annex Section 7.1.

Table 2 summarises how the five off-grid system types are allocated to the eight housing types. The percentages indicate, on the one hand, the proportion of the particular housing type that a system type is allocated to (e.g. 90% of Rontabole have OGS 1, and 10% OGS 2). On the other hand, they indicate the percentage distribution of off-grid systems for each housing type (eg. 90% of Heisi have OGS 2 and 10% have OGS 3). This allocation results in a system distribution as shown in the right-hand column of *Table 2* where for example 37% of the units distributed are OGS 2 or that 1% are OGS 5 which the represents a costlier option.

Table 2: Off-Grid System Allocation by Housing Type

| SYSTEM TYPE | HOUSING TYPE | | | | | | | | SYSTEM DISTRIBUTION |
|--------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|---------------------|
| | Temporary Structure | Rontabole | Heisi | Polata | Malaene | Optaka | Apartment | Town House / Bungalow | |
| OGS 1 | 100% | 90% | | | | | | | 24% |
| OGS 2 | | 10% | 90% | 90% | | | | | 37% |
| OGS 3 | | | 10% | 10% | 100% | 100% | 20% | 20% | 34% |
| OGS 4 | | | | | | | 70% | 70% | 4% |
| OGS 5 | | | | | | | 10% | 10% | 1% |
| TOTAL | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

The system distribution in terms of volume and budget allocation was decided, in consultation with the TWG, in such a manner that following conditions were satisfied:

- A balanced budget distribution between the 5 system types ensuring that the available budget was not mainly absorbed by specific system types. For example, OGS4 and OGS5, while providing a higher service level, are much costlier than the others and therefore need to be limited in number to allow a significant budget to be available for more affordable options such as the solar lanterns (OGS1) or solar kits (OGS2 and OGS3).
- Provide some form of electricity access to the majority of the population over the medium-term. Consequently, to reach a greater part of the Lesotho population a large volume of off-grid devices will need to be delivered over a relatively short period of time. As the government budget allocation is constrained, the approach was to provide higher volume of off-grid systems that are less costly and more affordable such as the solar lanterns and solar kits.

5 Off-GRID ELECTRIFICATION TIME-PLAN AND COST

5.1 OFF-GRID BUDGET ALLOCATION

The assumed government annual budget allocation for off-grid electrification is M30 million (as per directive from the Ministry of Energy and Meteorology), out of a total available annual electrification budget of M150 million (see Figure 5).

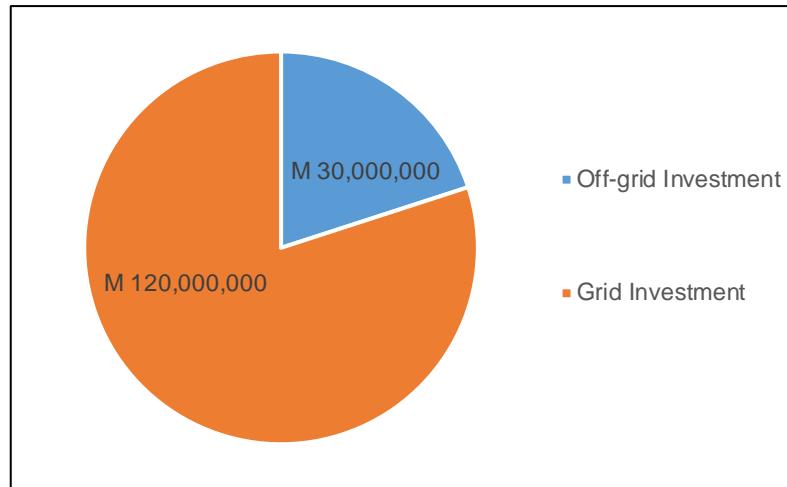


Figure 5: Annual Budget Allocation for Grid and Off-Grid

The off-grid investment cost is broken down into the following budget components:

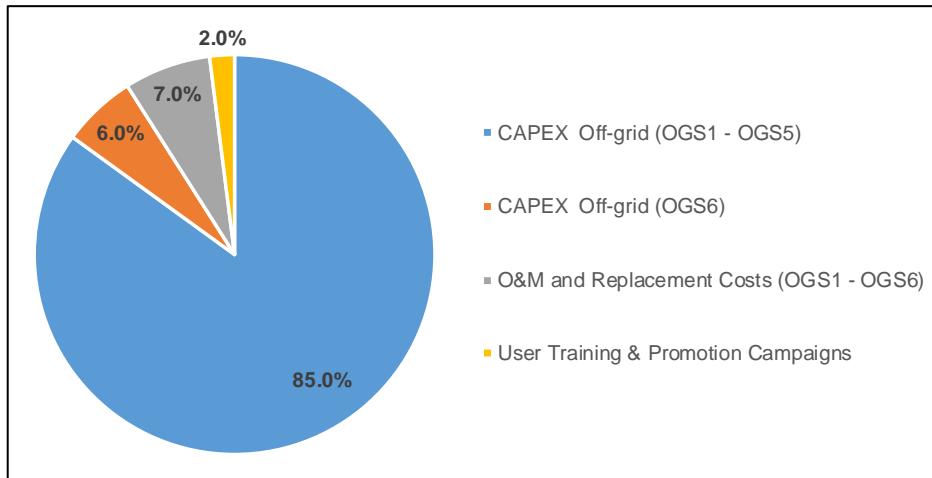


Figure 6: Budget Allocation Components

- **CAPEX stand-alone (OGS1 - OGS5)**: This budget component allows for system equipment purchase for system types OGS 1 to OGS5. Please note that for systems OGS4 and OGS5 it includes the actual system installation as well. This component represents 85% of the total off-grid budget totalling M25.5 million per year.
- **CAPEX mini-grid (OGS6)**: This budget component allows for the mini-grid (OGS 6) equipment purchase and installation. The assumption is that three mini-grids are installed every two years and total of 30 mini-grids would be installed over 20 years. This component represents 6% of the total off-grid budget allocation totalling M1.8 million per year.
- **O&M and replacement costs (OGS1 – OGS6)**: A separate budget allocation has been allowed for the actual operation and maintenance activities for OGS1 to

OGS6. This includes potential replacement of faulty and defective equipment including the transport costs to the potential EAs. This component represents 7% of the total off-grid budget allocation totalling M2.1 million per year.

- **User Training & Promotion Campaigns:** It is crucial that the future owners of the systems are trained on the usage of the equipment when they receive their SHS, solar kits or solar lanterns. This is not only to understand how the devices should be utilised but also to understand the system capabilities and limits. It is proposed that a part of the budget is invested in all what involves the promotion and dissemination of renewable energy systems in rural areas of Lesotho. This may include radio campaigns, TV infomercials, information brochures or actual face to face workshops. This budget component represents 2% of the total off-grid budget allocation totalling M600,000 per year.

5.2 OFF-GRID TIME PLAN

With an annual investment of M30 million an average of 10,663 HH can be provided with modern off-grid energy solutions each year, i.e. 213 303 HH connections for a total budget of M600 million (see Figure 7).

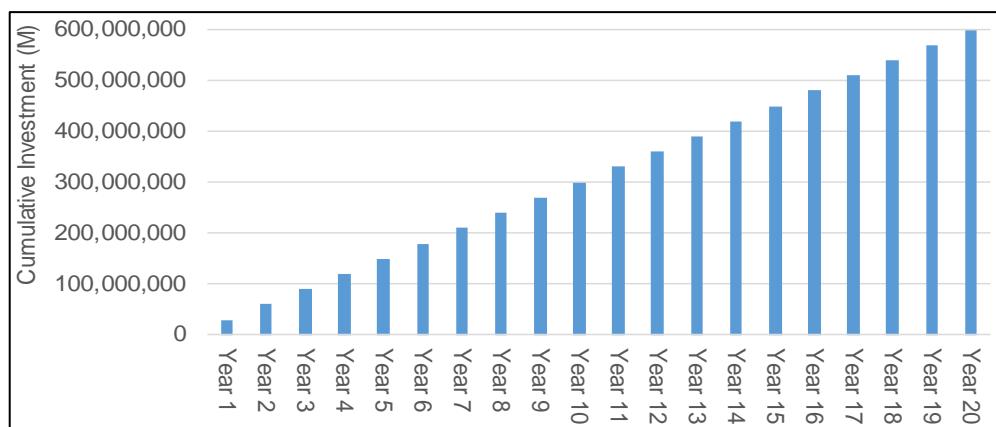


Figure 7: Cumulative Investment over 20 Years

The population growth in Lesotho for future years has been estimated as 1.04% / year as per the *Socio-Economic Analysis Report*. Considering that 38.5% of the population (207,000 HH) already had electricity access in 2017, a yearly investment of M30 million in off-grid solutions over 20 years will push the access level up to 62% (see Figure 8).

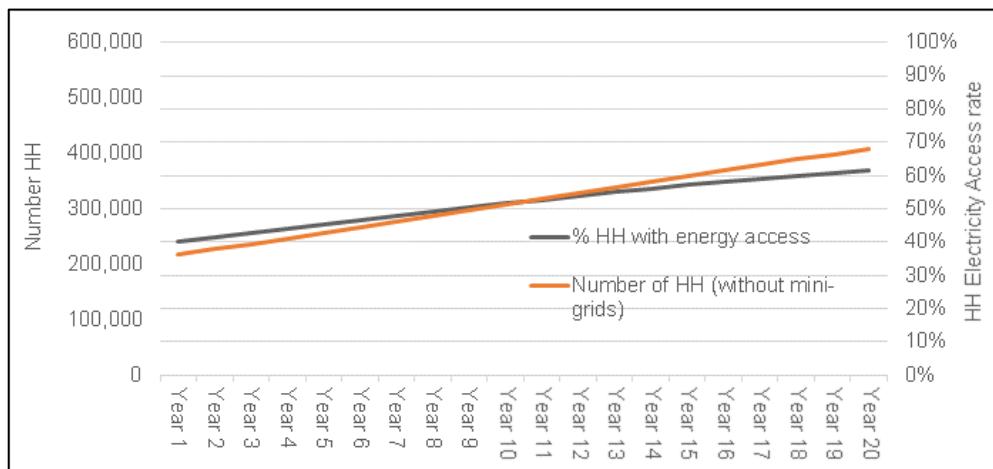


Figure 8: Household Electricity Access over 20 Years

Figure 9 shows the delivery plan for the different standalone system types from year 1 to year 20 where full electricity access would be reached.

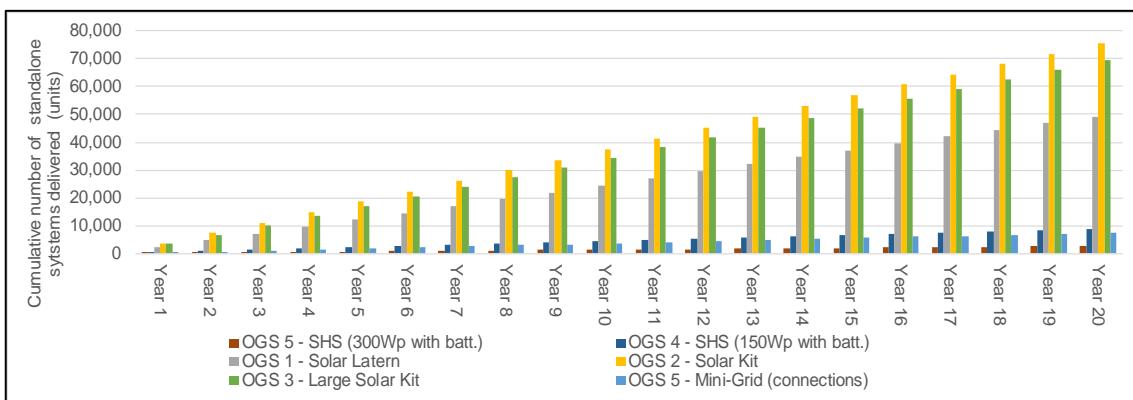


Figure 9: Standalone systems delivery plan over 20 years

This represents an average of 10,663 systems per year, if broken down per system type it shows as follows:

Table 3: Average Yearly Off-Grid Connections by System Type

| SYSTEM ID | SYSTEM TYPE | # UNITS or CONNECTIONS |
|-----------|--------------------|------------------------|
| OGS 1 | Solar lantern | 2,461 |
| OGS 2 | Small solar kit | 3,769 |
| OGS 3 | Large solar kit | 3,466 |
| OGS 4 | Small SHS (150Wp) | 447 |
| OGS 5 | Large SHS (300Wp) | 141 |
| OGS 6 | Mini-grid (150kWp) | 379 |
| TOTAL: | | 10,663 |

The detailed yearly rollout schedule based on a M30 million budget allocation can be found in the Annex (Section 7.2) from which M25.5 million are invested in SHS equipment supply. The tables show the ranking order and year of implementation for each EA as well as the investment costs for each. These are summarised in Table 4 below:

Table 4: Annual Off-Grid Roll-Out Summary

| Implementation Year | Number of EAs Electrified | Investment (Maloti) | Number of Off-Grid Connections Provided | | | | | |
|---------------------|---------------------------|---------------------|-----------------------------------------|-------|-------|-------|-------|--------------------|
| | | | OGS 1 | OGS 2 | OGS 3 | OGS 4 | OGS 5 | OGS 6 ¹ |
| Year 1 | 106 | 25,379,000 | 2,465 | 3,774 | 3,476 | 452 | 146 | 379 |
| Year 2 | 100 | 25,492,400 | 2,406 | 3,684 | 3,394 | 444 | 145 | 379 |
| Year 3 | 95 | 25,501,800 | 2,443 | 3,745 | 3,445 | 448 | 146 | 379 |
| Year 4 | 92 | 25,362,400 | 2,448 | 3,749 | 3,448 | 442 | 143 | 379 |
| Year 5 | 92 | 26,202,400 | 2,415 | 3,702 | 3,407 | 443 | 163 | 379 |
| Year 6 | 113 | 24,849,600 | 2,451 | 3,744 | 3,450 | 444 | 143 | 379 |

¹ The average number of connections provided by a mini-grid is 253, resulting in a total of 7,580 connections for the 30 mini-grids

| Implementation Year | Number of EAs Electrified | Investment (Maloti) | Number of Off-Grid Connections Provided | | | | | |
|---------------------|---------------------------|---------------------|-----------------------------------------|--------|--------|-------|-------|--------------------|
| | | | OGS 1 | OGS 2 | OGS 3 | OGS 4 | OGS 5 | OGS 6 ¹ |
| Year 7 | 117 | 25,213,800 | 2,513 | 3,838 | 3,525 | 470 | 123 | 379 |
| Year 8 | 87 | 25,344,800 | 2,440 | 3,746 | 3,438 | 438 | 146 | 379 |
| Year 9 | 77 | 25,434,600 | 2,403 | 3,679 | 3,391 | 448 | 154 | 379 |
| Year 10 | 98 | 25,635,000 | 2,533 | 3,882 | 3,570 | 444 | 130 | 379 |
| Year 11 | 104 | 25,308,800 | 2,554 | 3,910 | 3,576 | 443 | 114 | 379 |
| Year 12 | 97 | 25,515,800 | 2,537 | 3,901 | 3,580 | 440 | 125 | 379 |
| Year 13 | 103 | 25,734,000 | 2,546 | 3,895 | 3,576 | 448 | 130 | 379 |
| Year 14 | 107 | 25,476,000 | 2,484 | 3,806 | 3,510 | 452 | 131 | 379 |
| Year 15 | 91 | 25,563,000 | 2,483 | 3,789 | 3,482 | 441 | 145 | 379 |
| Year 16 | 116 | 25,322,800 | 2,444 | 3,756 | 3,442 | 455 | 134 | 379 |
| Year 17 | 96 | 25,485,200 | 2,446 | 3,719 | 3,428 | 444 | 151 | 379 |
| Year 18 | 95 | 25,742,400 | 2,440 | 3,743 | 3,439 | 446 | 158 | 379 |
| Year 19 | 117 | 25,309,000 | 2,387 | 3,664 | 3,381 | 462 | 143 | 379 |
| Year 20 | 103 | 25,490,200 | 2,389 | 3,659 | 3,371 | 448 | 160 | 379 |
| TOTAL | 2,006 | 509,363,000 | 49,227 | 75,385 | 69,329 | 8,952 | 2,830 | 7,580 |

This indicates a total of 213,303 connections over 20 years, at an average cost of M2,388/connection.

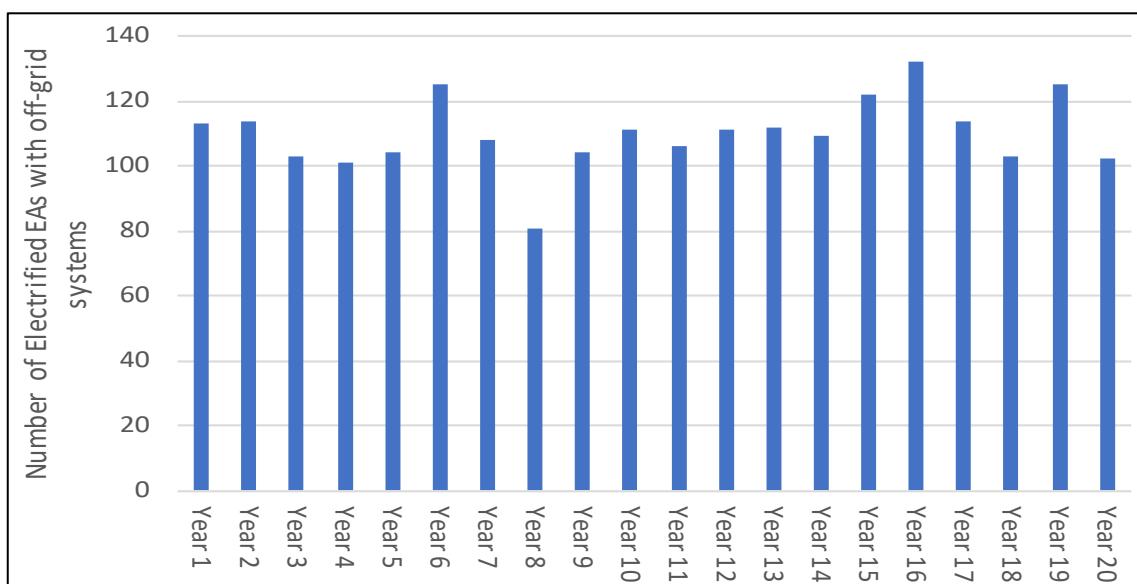


Figure 10: Number of EAs Electrified per Year

5.3 MINI-GRID SYSTEMS

A review of previous studies – the 2001 Access Study, the 2007 NEMP and the 2016 UNDP SE4All PD – revealed 35 mini-grid sites that have already been identified. Five of these are omitted as potential mini-grid sites because they will be absorbed by the new grid extensions or future planned new lines, leaving the following 30 potential mini-grids to be implemented.

Table 5: Potential Mini-Grid Sites

| # | Mini-Grid Village | District | Project that Identified this Mini-Grid | Closest Substation on Old Network | Distance from Old Grid [km] | Closest Substation on New Network | Distance from New Grid [km] |
|----|-------------------|---------------|----------------------------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------|
| 1 | Bafali | Mokhotlong | 2001 Access-to-Electricity Study | Tlokoeng (33kV) | 21.5 | Thabang | 9.3 |
| 2 | Daliwe | Quting | 2016 SEforALL-UNDP Project Doc | Leloaleng (33/11kV) | 31.7 | Mosi | 52.3 |
| 3 | Ha Seng | Maseru | 2001 Access-to-Electricity Study & 2007 NEMP | Mantsonyane (11kV) | 29.0 | Semokong | 13.3 |
| 4 | Ketane Ha Nohana | Mohale's Hoek | All 3 projects | Leloaleng (33/11kV) | 41.3 | Semokong | 34.6 |
| 5 | Kubung | Quting | 2016 SEforALL-UNDP Project Doc | Leloaleng (33/11kV) | 50.5 | Semokong | 30.0 |
| 6 | Kuebunyane | Mohale's Hoek | 2016 SEforALL-UNDP Project Doc | Ha Mpiti (11/33kV) | 34.6 | Mosi | 20.8 |
| 7 | Lebakeng | Qacha's Nek | 2016 SEforALL-UNDP Project Doc | Ha Mpiti (11/33kV) | 20.1 | Mpiti | 20.0 |
| 8 | Lesobeng | Thaba-Tseka | 2007 NEMP | Mantsonyane (11kV) | 28.8 | Mosi | 36.9 |
| 9 | Linakaneng | Thaba-Tseka | All 3 projects | Tlokoeng (33kV) | 28.2 | Makunyapan | 22.6 |
| 10 | Makhoaba | Mohale's Hoek | 2001 Access-to-Electricity Study | Tlokoeng (33kV) | 17.4 | Makunyapan | 29.9 |
| 11 | Malingoaneng | Mokhotlong | All 3 projects | Tlokoeng (33kV) | 19.8 | Makunyapan | 25.9 |
| 12 | Mashai | Thaba-Tseka | 2016 SEforALL-UNDP Project Doc | Thaba Tseka (33/11kV) | 25.4 | Makunyapan | 11.9 |
| 13 | Mateanong | Mokhotlong | 2016 SEforALL-UNDP Project Doc | Tlokoeng (33kV) | 35.4 | Thabang | 20.7 |
| 14 | Matebeng | Qacha's Nek | 2016 SEforALL-UNDP Project Doc | Ha Mpiti (11/33kV) | 35.7 | Sehonghong | 10.5 |
| 15 | Matsoaing | Mokhotlong | 2016 SEforALL-UNDP Project Doc | Tlokoeng (33kV) | 25.5 | Thabang | 11.5 |
| 16 | Molikaliko | Mokhotlong | 2001 Access-to-Electricity Study & 2007 NEMP | Tlokoeng (33kV) | 13.9 | Thabang | 18.5 |
| 17 | Motete | Butha-Buthe | 2001 Access-to-Electricity Study & 2007 NEMP | Hlotse Adit (66/11kV) | 18.8 | Thabang | 60.7 |

| # | Mini-Grid Village | District | Project that Identified this Mini-Grid | Closest Substation on Old Network | Distance from Old Grid [km] | Closest Substation on New Network | Distance from New Grid [km] |
|----|-------------------|---------------|----------------------------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------|
| 18 | Mphaki | Quthing | 2001 Access-to-Electricity Study & 2007 NEMP | Leloaleng (33/11kV) | 55.4 | Mosi | 23.3 |
| 19 | Phamong Moreneng | Mohale's Hoek | 2016 SEforALL-UNDP Project Doc | Leloaleng (33/11kV) | 21.9 | Semokong | 54.3 |
| 20 | Qhoali | Quting | 2016 SEforALL-UNDP Project Doc | Leloaleng (33/11kV) | 56.1 | Mosi | 22.1 |
| 21 | Ribaneng | Mohale's Hoek | 2016 SEforALL-UNDP Project Doc | Morija (11kV) | 33.7 | Makhalanen | 27.4 |
| 22 | Sani Pass | Thaba-Tseka | 2001 Access-to-Electricity Study & 2007 NEMP | Tlokoeng (33kV) | 56.4 | Thabang | 41.9 |
| 23 | Sebapala Ha Sempe | Quting | 2016 SEforALL-UNDP Project Doc | Leloaleng (33/11kV) | 18.5 | Mosi | 59.4 |
| 24 | Sehlabathebe | Qacha's Nek | All 3 projects | Qacha's Nek (22/11kV) | 47.4 | Sehonghong | 39.0 |
| 25 | Sekake | Thaba-Tseka | 2001 Access-to-Electricity Study | Ha Mpiti (11/33kV) | 27.4 | Mosi | 9.9 |
| 26 | Tebellong | Qacha's Neck | 2001 Access-to-Electricity Study | Ha Mpiti (11/33kV) | 18.7 | Mpiti | 17.6 |
| 27 | Thueleng Melikane | Qacha's Nek | 2016 SEforALL-UNDP Project Doc | Ha Mpiti (11/33kV) | 18.5 | Mpiti | 19.1 |
| 28 | Tlhanyaku | Mokhotlong | 2016 SEforALL-UNDP Project Doc | Tlokoeng (33kV) | 27.5 | Thabang | 25.6 |
| 29 | Ha Nkau | Thaba-Tseka | 2001 Access-to-Electricity Study & 2007 NEMP | Leloaleng 33/11kV | 19.4 | Semokong | 84.2 |
| 30 | Ha Letsika | Thaba-Tseka | 2001 Access-to-Electricity Study & 2007 NEMP | Matsonyane 33kV | 23.4 | Makunyapan | 39.8 |

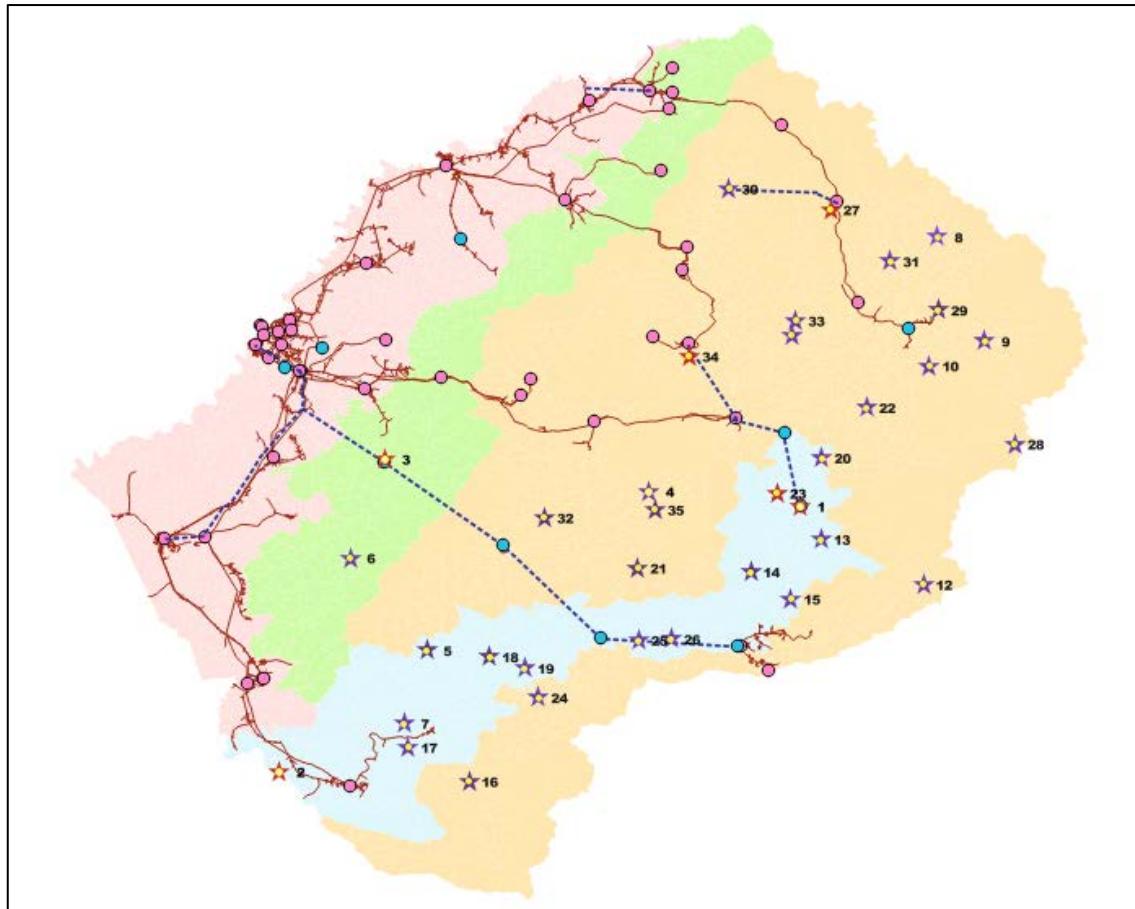


Figure 11: Identified mini-grid sites for Lesotho

The mini-grid standard assumed for the EMP is as follows:

- The primary mini-grid generation technology will be renewable energy that may include solar, wind or hydro depending on the site resource availability and actual tecno-economic project viability. A detailed feasibility study would be needed to reach a final decision regarding the renewable energy technology selection and system size, load analysis including the distribution network to be implemented.
- For optimisation purposes some level of diesel hybridisation could be considered in conjunction with the renewable energy generation.
- The mini-grid will have some battery storage to capture and store surplus electricity generated by the renewable energy system. This will help to manage variable renewable energy sources and mitigate their intermittency (e.g. low wind or cloudy periods, for wind and solar PV systems respectively). The battery bank will also assist with managing changing load demands over the day and enhance the level of dispatchability of the plant.
- The mini-grid service level will be focused on low-power appliances as well as to serve potential anchor customers such as public buildings, businesses, agricultural farms, etc.
- The actual mini-grid power capacity will be defined when a detailed feasibility study is developed. Nevertheless, for budget estimation purposes plant sizes of 150kWp have been assumed.
- The system will be built to LEC technical standard for possible future grid connections.

6 IMPLEMENTATION ISSUES

In this section some of the key issues that need to be considered for sustainable implementation of the off-grid electrification plan are highlighted.

6.1 MARKET MECHANISM

It is strongly recommended that development of the off-grid market centres on private sector engagement and participation, with Government facilitating an enabling environment for this to materialise, through

- a. appropriate policies and directives;
- b. awareness creation;
- c. promotion of quality standards for off-grid systems, equipment and appliances;
- d. placing emphasis on after-sales service for off-grid systems, equipment and appliances; and
- e. enabling access to affordable financing for end users, which a specific revolving fund for this purpose, as previously proposed, could provide.

For the development of an off-grid market in Lesotho it is important to understand these critical success factors and implement them with due consideration. If an inappropriate approach is taken the risk of failure to develop a sustainable market would be considerable, as evidenced by the LREBRE project (2007-2013) which resulted in generally negative perceptions of solar home systems in Lesotho. Three key lesson can be drawn from this project, namely:

- a. Proper awareness creation about the uses, benefits and limitations of various off-grid systems on offer is essential to create an understanding among users of system quality, costs and service levels.
- b. The choice of system needs to be that of the end users who know best what level of service – and therefore system – they prefer and can afford. Imposing systems that are not suited for the users' needs is guaranteed to result in disappointment.
- c. System sales need to be complemented with an effective after-sales service infrastructure that users have reasonable access to. The after-sales service must cater for, as a minimum,
 - i. assistance with system/equipment/appliance installation and functionality issues;
 - ii. repair or replacement of faulty components; and
 - iii. no-cost replacement of the battery after its agreed service life (the replacement cost of the battery should be built into the initial system cost).

6.2 IMPLEMENTATION MODELS

The implementation model for Lesotho needs to identify the local conditions and define accordingly tailored solutions and approaches.

6.2.1 Traditional Models

The following are typical implementation mechanisms that have mostly been used in the past for off-grid electrification schemes involving stand-alone SHS, including in South Africa:

- **Cash Sales Model:** This is the traditional model where the energy system is sold directly by a dealer/supplier to the end user who becomes the owner. The main advantage of this approach is that no interest rates need to be paid. However, the operation and maintenance of the system is responsibility of the end-user, and

suitable after-sales service provision is often not adequately in place to cater for user needs.

- **Credit Model:** The potential end user of the system obtains a loan from a creditor and purchases the energy system from the dealer/supplier. The credit model has 3 potential subcategories:
 - Dealer credit model: the end user enters into a credit arrangement with the dealer/supplier. The end user agrees on a payment arrangement with the dealer.
 - Credit model: the end user obtains a loan from a third-party credit institution.
 - Lease model: the supplier/dealer, or a financial intermediary, leases the energy system to the end-user. During the lease period the leaser is responsible for the system maintenance and depending on the arrangement the user may become or not the owner of the system.

The main disadvantage of this approach is that the end user has to pay the interest for the credit. The ownership of the system is transferred either when the down payment is paid or when the credit is repaid. Normally, the end-user is responsible for the maintenance of the system, although in some cases it can be carried out by the dealer.

- **Fee-for-Service Model:** An energy service company (ESCO) is the owner of the system and provides an energy service to the end-user, who pays a periodic fee or tariff to the ESCO. The system maintenance is responsibility of the ESCO and normally the end-user never becomes the owner. The fees for this type of services are typically relatively high as the ESCO is assuming the whole project risk. Experiences with this model have been mixed.

6.2.2 Supplier Financing

In recent years there have been fundamental changes in the financing models for off-grid energy systems that resulted from:

- Technology maturity.
- Reduction in system prices for SHS.
- Improvements in energy efficiency (migration from CFLs to LEDs).
- Changes in user preference: mobile phone and portable device charging as a priority.

Greater technology maturity and lower system prices have reduced the investment risks, resulting in system suppliers and service providers being able to raise financing for electrification schemes. Evidence of this can already be found in Lesotho among fuel-efficient cookstove manufacturers who are enabling their customers to acquire systems on credit with affordable repayment terms.

A key success factor that aims to ensure low default rates is the provision of credit to groups of users, rather than individuals. Such groups carry collective responsibility for collection of deposit and repayment funds from members.

6.2.3 Revolving fund

A revolving fund for off-grid electrification specifically can be a catalyst for enabling faster roll-out of the master plan, as it

- a. de-risks private sector participation: suppliers are not burdened with having to arrange or provide the financing;

- b. enhances supplier cash-flow (which is a major barrier): suppliers receive immediate payment upon order/delivery/installation of systems; and
- c. provides affordable financing terms for system buyers/users: reasonable interest rates and repayment terms.

The concept is as follows:

- Government funds and funds from other sources (e.g. donors) are pooled in the revolving fund.
- The fund provides low interest loans with lenient repayment terms to poor communities.
- The fund only supports pre-qualified system suppliers who offer quality systems **and** after-sales service.
- Groups of users from such communities determine their system needs (based on clear information about the systems on offer) and preferred system suppliers, and collect deposit monies from their members.
- Once the full deposit funds have been collected, the group applies to the revolving fund for financing.
- If approved, the revolving fund will pay a portion of the costs (e.g. 50%) to the preferred system supplier.
- The system supplier orders the systems and delivers/install them.
- Once the systems have been delivered/installed, the revolving fund will pay the balance to the system supplier.
- The group will collect instalments from its members and repay these to the fund on a regular basis. The system supplier will assist with this process, if required.
- The system supplier will provide after-sales service and maintenance support to the group.
- As the loans are repaid the revolving fund is replenished and can cater for new applicants.

6.3 SYSTEM QUALITY

The off-grid market has been developing rapidly offering a vast range of products of various types, sizes, prices, technologies and applications. However, not all these products are of sufficient quality to satisfy customers' needs and ensure that off-grid solutions are perceived as a sustainable energy source. Low-cost products with poor performance and short life expectancy potentially spoil the market which is severely counter-productive to national endeavours that aim to bring affordable energy solutions to remote poor communities. It also negates the considerable benefit that good-quality systems offer.

There are a variety of approaches to mitigate quality issues which typically include

- a. product warranties;
- b. product certification and labelling;
- c. awareness creation; and
- d. good after-sales and maintenance service.

There are also international quality assurance programmes such as "Lighting Global" that list off-grid lighting products that are compliant with minimum quality standards to provide the user with some level of assurance about the product that is being purchased.

Awareness creation and after-sales service and maintenance issues could possibly be dealt with effectively by local 'energy shops' where users can purchase systems, equipment

and appliances, receive advice and guidance on their use and installation, and have failing components repaired or replaced. For such energy shops to be sustainable however, there needs to be a significant market for them to serve which may be a challenge in Lesotho with its low population density in the Highlands and Senqu River Valley.

6.4 MAINTENANCE AND AFTER-SALES SERVICE

Maintenance and after-sales service of off-grid systems are often underestimated in terms of costs and effort required. A recurring issue with off-grid systems is the absence for the user of an after-sales scheme when there is a system failure or query. The establishment of a viable distribution and servicing infrastructure – including guarantee of replacement of the components reaching the end of their lifecycle – is one of the most crucial aspects in the deployment chain for stand-alone systems. Users should not have to travel long distances at great expense to access after-sales and maintenance services.

6.5 AWARENESS CREATION

Creating proper awareness and understanding of off-grid energy solutions is a critical ingredient for the success of any off-grid programme. It is recommended that the DOE embarks on an effective awareness campaign in this regard, as soon as possible, to better prepare the market that is already emerging. Such an awareness campaign should have an initial term of not less than 12 months and may include the following elements, among others:

- Dissemination of information brochures in local language(s).
- Regular radio and TV infomercials about the uses, benefits and limitations of off-grid systems.
- Regular radio programs dealing with off-grid issues, such as quality and cost, service levels, maintenance and after-sales service, financing options, etc.
- Billboard advertising.

6.6 ACCELERATING ACCESS TO ELECTRICITY

Access to electricity stood at 38.5% in 2017, representing about 207,000 households, which leaves approximately 330,000 households to be electrified. With an annual investment of M150 million – of which 80% is going towards grid electrification and only 20% towards off-grid solutions – and an estimated population growth rate of 1.04% per annum, it will take more than 30 years for Lesotho to provide universal access to electricity for all its citizens.

This timeframe could be considerably shortened if there was greater focus on lower-cost off-grid solutions. Such an approach is corroborated by a recent McKinsey publication (June 2018) that highlighted that solar home systems (SHSs) can help to significantly reduce the electrification gap in developing countries, if certain conditions are met. The report asserts that, out of a total 235 million households currently without electricity, and based on projected grid expansion, population growth, and consumers' ability to pay,

- as many as 150 million households (64%) could benefit from SHSs by 2020;
- around 65 million households (28%) would have a grid connection by that time; and
- 25–30 million households (8%) will be unable to pay for any.

To achieve this in the 39 countries researched – many with similar circumstances as Lesotho – the grid/off-grid budget ratio would need to be in the region of 30% / 70% for all new connections.

In view of this, Lesotho's present preference of an 80% / 20% split of the available budget between grid and off-grid appears conservative and not conducive to accelerating access to electricity for its citizens. It is therefore recommended that the MEM considers an alternative approach, as follows:

1. Set a target date, through a policy directive, for Lesotho to reach universal access to electricity.
 - a. Universal access in this sense means that all households have access to some form of electricity which may be very simple – as in the case of a solar lantern – yet mean a huge improvement in quality of life for poor households.
 - b. The lower the service level, the sooner the target can be reached. If Government opts for rolling out solar lanterns as a first step in the electrification programme, a large number of households can benefit in a very short time and the target will be reachable within 2-3 years.
 - c. Lesotho can then claim universal access to electricity which significantly contributes towards achievement of the SDGs.
2. Establish capacity and a mandate for dealing with the off-grid electrification program
 - a. This was already recommended by the TAF SE4All team: "*the formation of an Agency-like Entity that shall take care of energy solutions in off-grid areas*".
3. Increase the off-grid budget allocation such that the target can be achieved.
 - a. This will require determination of an appropriate mix of off-grid systems that provide various service levels at corresponding cost (i.e. low service level = low cost, high service level = higher cost).
 - b. Budget allocation for grid electrification will need to be reduced significantly, for a period of time.
4. Establish a revolving fund for off-grid electrification specifically.
 - a. This was already recommended by the TAF SE4All team: creating a "*Financing mechanism for Rural Energy Access within an Energy Fund*".
5. Once the universal access target has been reached, the electrification programme will continue with the aim of increasing service levels.
 - a. The grid electrification programme will continue, possibly with an increased budget.
 - b. Households that have benefited from simple off-grid systems will have the opportunity to upgrade to higher-service-level systems in accordance with what they can afford.

7 ANNEX

7.1 HOUSEHOLD TYPES

The descriptions and definitions used in this report for the different household types have been obtained from the “Lesotho Housing Profile 2015” report from UN-Habitat and the “2011 Lesotho Demographic Survey” from BOS. These reports classified the different housing types for Lesotho as follows:

7.1.1 Rontabole

This is a round building with a pitched thatched, tiled or corrugated iron roof and walls of local materials such as sandstone, rubble or mud brick and render. Floors are normally earth but can also be cement. There is normally no ceiling and it usually has one room.



Figure 12: Rontabole (photo: David Fernandez)

7.1.2 Heisi

This is a rectangular building with a thatched roof and walls of sandstone, rubble, mud, sand, cement, brick and render. Internally the heisi is normally finished just like the rontabole and the number of rooms is usually three or less.



Figure 13: Heisi (photo: World Bank)

7.1.3 Polata

This is a rectangular building with a flat corrugated iron roof and walls of concrete blocks, sandstone, rubble, burnt or mud bricks. This type of dwelling may be rendered and decorated externally. The level of internal finish is highly variable. It includes flooring of earth or concrete covered by linoleum or vinyl tiles. It usually has three rooms or less.



Figure 14: Polata (photo: David Fernandez)

7.1.4 Malaene

This is a rectangular building normally of concrete blocks or local bricks, with a flat corrugated iron roof which normally comprises single rooms or more for rent to individual households. The standard of internal finish is highly variable. The definition of habitable rooms in Malaene type of structure accepted that the norm is sometimes to combine living, cooking, eating and sleeping arrangements in a single room.



Figure 15: Malaene (photo: UN-Habitat)

7.1.5 Optaka

This is a single storey house of a rectangular, L or T design with a double-pitched roof of corrugated iron sheets or thatch. Walls are normally of sandstone, rubble, brick or concrete blocks. Internal finishes are highly variable. The Optaka normally has five or less habitable rooms.



Figure 16: Optaka (photo: UN-Habitat)

7.1.6 Bungalow

This is a single or multiple storey house of variable design with either flat or double-pitched roof of corrugated iron sheets, tiles or thatch. Walls may be of sandstone, first grade brick or rendered and decorated concrete block. The level of internal finishes normally includes cement flooring and rhino board ceiling.



Figure 17: Bungalow (photo: David Fernandez)

7.1.7 Apartment Building or Town House

This is a single or multi-storey complex of self-contained dwellings built of modern construction materials such as concrete block or first-grade brick with single shallow-sloping or double-pitched roof, of corrugated iron sheets or tiles. These housing units are normally rented out.



Figure 18: Town house (Photo www. myproperty.co.ls)

7.1.8 Temporary Structure

This is an informal housing structure commonly built from old and used corrugated iron sheets or structures of local stone and thatch used by herd boys in the mountains. They do not normally have defined space and are characterized by uninhabitable living conditions.



Figure 19: Temporary Structure (photo: David Fernandez)

7.2 ANNUAL OFF-GRID ROLL-OUT SCHEDULE

| YEAR 1 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 03260713038 | Berea | 217 400 |
| 2 | 07650641057 | Quthing | 181 600 |
| 3 | 03270813062 | Berea | 153 600 |
| 4 | 02080313009 | Leribe | 175 400 |
| 5 | 07680532043 | Quthing | 184 000 |
| 6 | 04440713008 | Maseru | 184 000 |
| 7 | 04420513079 | - | 218 000 |
| 8 | 04450813057 | Maseru | 204 200 |
| 9 | 07640641015 | Quthing | 204 200 |
| 10 | 08710333024 | Qacha's Nek | 207 200 |
| 11 | 06560113022 | Mohale's Hoek | 231 200 |
| 12 | 05510413048 | Mafeteng | 226 600 |
| 13 | 02090413019 | Leribe | 277 800 |
| 14 | 06590343042 | - | 282 400 |
| 15 | 02110613009 | Leribe | 277 800 |
| 16 | 06560113040 | Mohale's Hoek | 331 400 |
| 17 | 06590313008 | Mohale's Hoek | 277 800 |
| 18 | 04400332026 | Maseru | 282 400 |
| 19 | 07650641010 | Quthing | 282 400 |
| 20 | 04440712027 | Maseru | 281 800 |
| 21 | 07680543005 | Quthing | 162 200 |
| 22 | 01040413033 | Botha-Bothe | 299 600 |
| 23 | 06590343020 | - | 299 600 |

| YEAR 1 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 02151311083 | Leribe | 310 400 |
| 25 | 01020213046 | Botha-Bothe | 333 000 |
| 26 | 08700233046 | Qacha's Nek | 128 800 |
| 27 | 09770133050 | Mokhotlong | 359 400 |
| 28 | 02140813042 | Leribe | 333 000 |
| 29 | 05510413046 | Mafeteng | 164 600 |
| 30 | 04390213038 | Maseru | 352 400 |
| 31 | 05480113029 | Mafeteng | 312 800 |
| 32 | 08700243011 | Qacha's Nek | 171 400 |
| 33 | 07650641055 | Quthing | 277 800 |
| 34 | 05490213034 | Mafeteng | 217 400 |
| 35 | 08710332046 | Qacha's Nek | 286 400 |
| 36 | 09790531006 | Mokhotlong | 208 800 |
| 37 | 05480113003 | Mafeteng | 215 800 |
| 38 | 02100513021 | Leribe | 402 000 |
| 39 | 06600443043 | - | 226 600 |
| 40 | 06560113035 | Mohale's Hoek | 231 200 |
| 41 | 08710333038 | Qacha's Nek | 156 000 |
| 42 | 01050511026 | Botha-Bothe | 305 800 |
| 43 | 01050511098 | Botha-Bothe | 184 000 |
| 44 | 07660343006 | Quthing | 166 800 |
| 45 | 06590343024 | - | 337 600 |
| 46 | 06630743044 | Mohale's Hoek | 171 400 |

| YEAR 1 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 09780233026 | Mokhotlong | 171 400 |
| 48 | 08700243007 | Qacha's Nek | 291 000 |
| 49 | 07680543003 | Quthing | 211 200 |
| 50 | 09770133002 | Mokhotlong | 151 400 |
| 51 | 09770133008 | Mokhotlong | 175 400 |
| 52 | 05510423015 | Mafeteng | 213 400 |
| 53 | 04400323075 | Maseru | 180 000 |
| 54 | 03190123021 | - | 181 600 |
| 55 | 07680532044 | Quthing | 180 000 |
| 56 | 08710333029 | Qacha's Nek | 184 000 |
| 57 | 06630743048 | Mohale's Hoek | 220 400 |
| 58 | 05500313009 | Mafeteng | 157 600 |
| 59 | 01010123001 | Botha-Bothe | 286 400 |
| 60 | 02120713007 | Leribe | 299 600 |
| 61 | 07640133042 | Quthing | 392 800 |
| 62 | 09770133003 | Mokhotlong | 215 800 |
| 63 | 05480113042 | Mafeteng | 314 400 |
| 64 | 02120713032 | Leribe | 180 000 |
| 65 | 06630743027 | Mohale's Hoek | 200 200 |
| 66 | 08700243039 | Qacha's Nek | 207 200 |
| 67 | 04460923009 | Maseru | 213 400 |
| 68 | 04400332020 | Maseru | 215 800 |
| 69 | 05540713004 | Mafeteng | 215 800 |

| YEAR 1 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 07670442054 | Quthing | 217 400 |
| 71 | 02131211009 | Leribe | 217 400 |
| 72 | 04471023006 | Maseru | 170 800 |
| 73 | 07680532045 | Quthing | 222 000 |
| 74 | 06610523006 | Mohale's Hoek | 299 600 |
| 75 | 08710332048 | Qacha's Nek | 342 200 |
| 76 | 06590343016 | - | 222 000 |
| 77 | 09770133049 | Mokhotlong | 170 800 |
| 78 | 06620633025 | Mohale's Hoek | 231 200 |
| 79 | 09770133055 | Mokhotlong | 128 800 |
| 80 | 06560113024 | Mohale's Hoek | 277 800 |
| 81 | 03260713040 | Berea | 235 200 |
| 82 | 06600443032 | - | 235 200 |
| 83 | 03210313042 | Berea | 202 600 |
| 84 | 09780233042 | Mokhotlong | 211 200 |
| 85 | 02171013022 | - | 213 400 |
| 86 | 05480112019 | Mafeteng | 213 400 |
| 87 | 02080313028 | Leribe | 305 800 |
| 88 | 05540713057 | Mafeteng | 162 200 |
| 89 | 01030323032 | Botha-Bothe | 388 800 |
| 90 | 02141211002 | Leribe | 162 200 |
| 91 | 06590313003 | Mohale's Hoek | 166 800 |
| 92 | 01020213040 | Botha-Bothe | 166 800 |

| YEAR 1 | | | |
|----------------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 93 | 04440713025 | Maseru | 235 200 |
| 94 | 04440712028 | Maseru | 235 200 |
| 95 | 06620643026 | Mohale's Hoek | 286 400 |
| 96 | 09800433015 | Mokhotlong | 235 200 |
| 97 | 06570213059 | Mohale's Hoek | 235 200 |
| 98 | 06560113033 | Mohale's Hoek | 175 400 |
| 99 | 08690143048 | Quthing | 355 400 |
| 100 | 02120713033 | Leribe | 299 600 |
| 101 | 06620642040 | - | 564 200 |
| 102 | 03230513040 | Berea | 304 200 |
| 103 | 09780233076 | Mokhotlong | 202 600 |
| 104 | 05500322023 | - | 364 000 |
| 105 | 05480113030 | Mafeteng | 184 000 |
| 106 | 05510423012 | Mafeteng | 184 000 |
| TOTAL INVESTMENT - YEAR 1: | | | 25 379 000 |

| YEAR 2 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 02120713034 | Leribe | 312 800 |
| 2 | 10740631003 | Thaba-tseka | 208 800 |
| 3 | 03210313045 | Berea | 124 200 |
| 4 | 04460923043 | Maseru | 213 400 |
| 5 | 06560113037 | Mohale's Hoek | 337 600 |
| 6 | 03210313033 | Berea | 128 800 |
| 7 | 05480113026 | Mafeteng | 281 800 |
| 8 | 05540713007 | Mafeteng | 295 600 |
| 9 | 05480113001 | Mafeteng | 299 600 |
| 10 | 05520513004 | Mafeteng | 301 800 |
| 11 | 05510413045 | Mafeteng | 305 800 |
| 12 | 05540713011 | Mafeteng | 304 200 |
| 13 | 04380113077 | Maseru | 415 200 |
| 14 | 07670443003 | Quthing | 346 200 |
| 15 | 05530613010 | Mafeteng | 341 600 |
| 16 | 09780233024 | Mokhotlong | 171 400 |
| 17 | 09770133015 | Mokhotlong | 348 400 |
| 18 | 04460923035 | Maseru | 350 800 |
| 19 | 09770133001 | Mokhotlong | 419 200 |
| 20 | 04380113004 | Maseru | 202 600 |
| 21 | 07680533034 | Quthing | 282 400 |
| 22 | 06590343017 | - | 282 400 |
| 23 | 04390213025 | Maseru | 286 400 |

| YEAR 2 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 06560113039 | Mohale's Hoek | 281 800 |
| 25 | 05540713063 | Mafeteng | 202 600 |
| 26 | 02171013052 | - | 207 200 |
| 27 | 05480113027 | Mafeteng | 213 400 |
| 28 | 05520523009 | Mafeteng | 286 400 |
| 29 | 09790531008 | Mokhotlong | 286 400 |
| 30 | 04440713007 | Maseru | 215 800 |
| 31 | 03220413025 | Berea | 213 400 |
| 32 | 03260713039 | Berea | 217 400 |
| 33 | 06610523047 | Mohale's Hoek | 217 400 |
| 34 | 02080313021 | Leribe | 217 400 |
| 35 | 05510413037 | Mafeteng | 299 600 |
| 36 | 02140813045 | Leribe | 329 000 |
| 37 | 03220413014 | Berea | 220 400 |
| 38 | 05540713006 | Mafeteng | 220 400 |
| 39 | 08710332047 | Qacha's Nek | 220 400 |
| 40 | 02100513007 | Leribe | 220 400 |
| 41 | 01020213013 | Botha-Bothe | 226 600 |
| 42 | 06560113017 | Mohale's Hoek | 226 600 |
| 43 | 04430612037 | Maseru | 226 600 |
| 44 | 09770133065 | Mokhotlong | 107 000 |
| 45 | 01040413024 | Botha-Bothe | 235 200 |
| 46 | 03250613017 | Berea | 235 200 |

| YEAR 2 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 0443111025 | Maseru | 230 600 |
| 48 | 06620633015 | Mohale's Hoek | 111 000 |
| 49 | 04380113005 | Maseru | 391 200 |
| 50 | 09800433042 | Mokhotlong | 113 200 |
| 51 | 06560113004 | Mohale's Hoek | 397 400 |
| 52 | 06620643017 | Mohale's Hoek | 115 600 |
| 53 | 05500313008 | Mafeteng | 149 000 |
| 54 | 05480113037 | Mafeteng | 286 400 |
| 55 | 09780233023 | Mokhotlong | 124 200 |
| 56 | 05480113004 | Mafeteng | 281 800 |
| 57 | 05480113041 | Mafeteng | 281 800 |
| 58 | 03250613003 | Berea | 157 600 |
| 59 | 02140813025 | Leribe | 333 000 |
| 60 | 05510413055 | Mafeteng | 299 600 |
| 61 | 02181113052 | Leribe | 297 200 |
| 62 | 05480113009 | Mafeteng | 162 200 |
| 63 | 05510413043 | Mafeteng | 291 000 |
| 64 | 05530613024 | Mafeteng | 291 000 |
| 65 | 06590313004 | Mohale's Hoek | 295 000 |
| 66 | 05540713010 | Mafeteng | 299 600 |
| 67 | 04430613047 | Maseru | 299 600 |
| 68 | 02171013045 | - | 337 600 |
| 69 | 04390213003 | Maseru | 342 200 |

| YEAR 2 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 02090413040 | Leribe | 342 200 |
| 71 | 04460922030 | Maseru | 346 200 |
| 72 | 08700243017 | Qacha's Nek | 337 600 |
| 73 | 02151311002 | Leribe | 175 400 |
| 74 | 03260713002 | Berea | 175 400 |
| 75 | 05500323038 | - | 346 200 |
| 76 | 04450813011 | Maseru | 175 400 |
| 77 | 09790333068 | Mokhotlong | 213 400 |
| 78 | 04471022008 | Maseru | 170 800 |
| 79 | 02160913084 | Leribe | 170 800 |
| 80 | 09800433044 | Mokhotlong | 218 000 |
| 81 | 02080313011 | Leribe | 382 600 |
| 82 | 03270813060 | Berea | 181 600 |
| 83 | 09770133058 | Mokhotlong | 213 400 |
| 84 | 09770133052 | Mokhotlong | 226 600 |
| 85 | 09800433030 | Mokhotlong | 220 400 |
| 86 | 10740343069 | - | 222 000 |
| 87 | 06570811047 | Mohale's Hoek | 180 000 |
| 88 | 09790333058 | Mokhotlong | 226 600 |
| 89 | 06630743024 | Mohale's Hoek | 211 200 |
| 90 | 07660343044 | Quthing | 220 400 |
| 91 | 01040413037 | Botha-Bothe | 333 000 |
| 92 | 07660343004 | - | 235 200 |

| YEAR 2 | | | |
|-----------------------------------------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 93 | 02181113030 | Leribe | 346 200 |
| 94 | 06620643028 | Mohale's Hoek | 305 800 |
| 95 | 05490213041 | Mafeteng | 359 400 |
| 96 | 02090413030 | Leribe | 361 600 |
| 97 | 03260713058 | Berea | 202 600 |
| 98 | 04460913002 | Maseru | 202 600 |
| 99 | 03250613026 | Berea | 207 200 |
| 100 | 06570811004 | Mohale's Hoek | 207 200 |
| TOTAL INVESTMENT - YEAR 2: 25 492 400 | | | |

| Year 3 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 02171012017 | Leribe | 207 200 |
| 2 | 05500313005 | Mafeteng | 207 200 |
| 3 | 02090413026 | Leribe | 200 200 |
| 4 | 03260713036 | Berea | 200 200 |
| 5 | 03250613022 | Berea | 208 800 |
| 6 | 05540713066 | Mafeteng | 213 400 |
| 7 | 06580811080 | Mohale's Hoek | 213 400 |
| 8 | 05510423013 | Mafeteng | 213 400 |
| 9 | 10760543016 | Thaba-tseka | 213 400 |
| 10 | 03241011085 | Berea | 213 400 |
| 11 | 02140813036 | Leribe | 213 400 |
| 12 | 09780233056 | Mokhotlong | 151 400 |
| 13 | 03220413007 | Berea | 211 200 |
| 14 | 04450813059 | Maseru | 211 200 |
| 15 | 02151311056 | Leribe | 211 200 |
| 16 | 04390213008 | Maseru | 235 200 |
| 17 | 04450813053 | Maseru | 235 200 |
| 18 | 03250613019 | Berea | 207 200 |
| 19 | 01010123002 | Botha-Bothe | 147 400 |
| 20 | 01030333049 | Botha-Bothe | 452 600 |
| 21 | 02171013041 | - | 333 000 |
| 22 | 06580811085 | Mohale's Hoek | 215 800 |
| 23 | 01030323030 | Botha-Bothe | 337 600 |

| Year 3 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 03200213046 | Berea | 217 400 |
| 25 | 05520512027 | Mafeteng | 217 400 |
| 26 | 05510412033 | Mafeteng | 220 400 |
| 27 | 05540713020 | Mafeteng | 222 000 |
| 28 | 03220413029 | Berea | 226 600 |
| 29 | 06560113015 | Mohale's Hoek | 226 600 |
| 30 | 03260713025 | Berea | 235 200 |
| 31 | 04450812021 | Maseru | 235 200 |
| 32 | 09770133037 | Mokhotlong | 346 200 |
| 33 | 09800433021 | Mokhotlong | 346 200 |
| 34 | 05520513042 | Mafeteng | 231 200 |
| 35 | 02120713006 | Leribe | 342 200 |
| 36 | 09780233057 | Mokhotlong | 175 400 |
| 37 | 05530613004 | Mafeteng | 277 800 |
| 38 | 03210313003 | Berea | 277 800 |
| 39 | 05510413038 | Mafeteng | 277 800 |
| 40 | 01020213003 | Botha-Bothe | 151 400 |
| 41 | 03260713035 | Berea | 282 400 |
| 42 | 04450813007 | Maseru | 230 600 |
| 43 | 05490213022 | Mafeteng | 230 600 |
| 44 | 10740343064 | - | 164 600 |
| 45 | 02100513018 | Leribe | 281 800 |
| 46 | 05490213044 | Mafeteng | 281 800 |

| Year 3 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 09800433035 | Mokhotlong | 359 400 |
| 48 | 03220413018 | Berea | 226 600 |
| 49 | 03260713003 | Berea | 226 600 |
| 50 | 06590313007 | Mohale's Hoek | 226 600 |
| 51 | 06570213061 | Mohale's Hoek | 157 600 |
| 52 | 02171013036 | - | 277 800 |
| 53 | 02080313027 | Leribe | 291 000 |
| 54 | 06610523019 | Mohale's Hoek | 170 800 |
| 55 | 07680543004 | Quthing | 292 600 |
| 56 | 06590313014 | Mohale's Hoek | 292 600 |
| 57 | 04410413081 | Maseru | 295 600 |
| 58 | 04460913007 | - | 295 600 |
| 59 | 05490212045 | Mafeteng | 295 600 |
| 60 | 02140813041 | - | 305 800 |
| 61 | 05540713061 | Mafeteng | 297 200 |
| 62 | 09790333052 | Mokhotlong | 184 000 |
| 63 | 07680543035 | Quthing | 175 400 |
| 64 | 05530613057 | Mafeteng | 301 800 |
| 65 | 01010123007 | Botha-Bothe | 180 000 |
| 66 | 02171013038 | - | 286 400 |
| 67 | 04420513060 | - | 286 400 |
| 68 | 05480113044 | Mafeteng | 286 400 |
| 69 | 02100513001 | Leribe | 286 400 |

| Year 3 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 04380113075 | Maseru | 286 400 |
| 71 | 05540713054 | Mafeteng | 299 600 |
| 72 | 02120713038 | Leribe | 291 000 |
| 73 | 05490213032 | Mafeteng | 291 000 |
| 74 | 06600443031 | - | 304 200 |
| 75 | 02181113033 | Leribe | 305 800 |
| 76 | 02080313017 | Leribe | 305 800 |
| 77 | 04440713004 | Maseru | 310 400 |
| 78 | 04440713018 | Maseru | 310 400 |
| 79 | 06610513041 | Mohale's Hoek | 310 400 |
| 80 | 06610513048 | Mohale's Hoek | 184 000 |
| 81 | 09780233058 | Mokhotlong | 180 000 |
| 82 | 06590343034 | - | 151 400 |
| 83 | 05480113038 | Mafeteng | 461 800 |
| 84 | 05480113021 | Mafeteng | 448 600 |
| 85 | 02120713002 | Leribe | 545 600 |
| 86 | 09770133053 | Mokhotlong | 410 600 |
| 87 | 09770133063 | Mokhotlong | 399 800 |
| 88 | 05490212046 | Mafeteng | 329 000 |
| 89 | 05490213017 | Mafeteng | 329 000 |
| 90 | 02100513032 | Leribe | 365 600 |
| 91 | 05490213019 | Mafeteng | 346 200 |
| 92 | 04380113078 | Maseru | 352 400 |

| Year 3 | | | |
|-----------------------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 93 | 02181113031 | Leribe | 331 400 |
| 94 | 03230513034 | Berea | 337 600 |
| 95 | 02120713041 | Leribe | 364 000 |
| TOTAL INVESTMENT - YEAR 3: | | 25 501 800 | |

| Year 4 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 02100513012 | Leribe | 341 600 |
| 2 | 01040413040 | Botha-Bothe | 350 800 |
| 3 | 05540713009 | Mafeteng | 355 400 |
| 4 | 04440713013 | Maseru | 337 600 |
| 5 | 02080313008 | Leribe | 337 600 |
| 6 | 09770133061 | Mokhotlong | 299 600 |
| 7 | 01010113021 | Botha-Bothe | 310 400 |
| 8 | 02171013026 | - | 312 800 |
| 9 | 05480113006 | Mafeteng | 235 200 |
| 10 | 08690142057 | Qacha's Nek | 235 200 |
| 11 | 02120713031 | Leribe | 304 200 |
| 12 | 04430613046 | Maseru | 231 200 |
| 13 | 03260713054 | Berea | 226 600 |
| 14 | 06620643058 | Mohale's Hoek | 226 600 |
| 15 | 09770133034 | Mokhotlong | 291 000 |
| 16 | 08700243034 | Qacha's Nek | 291 000 |
| 17 | 07670443043 | Quthing | 42 600 |
| 18 | 09770133038 | Mokhotlong | 281 800 |
| 19 | 08690143054 | Quthing | 207 200 |
| 20 | 09780233003 | Mokhotlong | 218 000 |
| 21 | 09770133044 | Mokhotlong | 202 600 |
| 22 | 09800433046 | Mokhotlong | 202 600 |
| 23 | 09780233055 | Mokhotlong | 213 400 |

| Year 4 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 06620633013 | Mohale's Hoek | 208 800 |
| 25 | 09770133064 | Mokhotlong | 208 800 |
| 26 | 05480113035 | Mafeteng | 235 200 |
| 27 | 09800433009 | Mokhotlong | 235 200 |
| 28 | 10720133027 | Thaba-Tseka | 235 200 |
| 29 | 08700243022 | Qacha's Nek | 200 200 |
| 30 | 09770133018 | Mokhotlong | 231 200 |
| 31 | 05500323031 | - | 231 200 |
| 32 | 08710333051 | Qacha's Nek | 231 200 |
| 33 | 01040413028 | Botha-Bothe | 220 400 |
| 34 | 06560113006 | Mohale's Hoek | 226 600 |
| 35 | 04471023004 | Maseru | 226 600 |
| 36 | 09800433039 | Mokhotlong | 215 800 |
| 37 | 02181113027 | Leribe | 222 000 |
| 38 | 06610523043 | Mohale's Hoek | 222 000 |
| 39 | 09780233049 | Mokhotlong | 222 000 |
| 40 | 10740343080 | - | 222 000 |
| 41 | 09770133007 | Mokhotlong | 211 200 |
| 42 | 02171013019 | - | 211 200 |
| 43 | 04471033030 | - | 217 400 |
| 44 | 06630733042 | Mohale's Hoek | 213 400 |
| 45 | 07670443039 | Quthing | 202 600 |
| 46 | 06580811089 | Mohale's Hoek | 230 600 |

| Year 4 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 09780233020 | Mokhotlong | 301 800 |
| 48 | 09800433023 | Mokhotlong | 226 600 |
| 49 | 01040413010 | Botha-Bothe | 410 600 |
| 50 | 08690143061 | Qacha's Nek | 406 600 |
| 51 | 04440713017 | Maseru | 397 400 |
| 52 | 02171013027 | - | 386 600 |
| 53 | 01030323033 | Botha-Bothe | 415 200 |
| 54 | 05490213016 | Mafeteng | 399 800 |
| 55 | 07670442059 | Quthing | 235 200 |
| 56 | 04471231063 | - | 208 800 |
| 57 | 09790531004 | Mokhotlong | 220 400 |
| 58 | 02141211009 | Leribe | 222 000 |
| 59 | 04410423093 | - | 217 400 |
| 60 | 01010123005 | Botha-Bothe | 337 600 |
| 61 | 09800433052 | Mokhotlong | 337 600 |
| 62 | 03220413033 | Berea | 226 600 |
| 63 | 05480113024 | Mafeteng | 365 600 |
| 64 | 02080313010 | Leribe | 333 000 |
| 65 | 02181113012 | Leribe | 446 400 |
| 66 | 02181113003 | Leribe | 310 400 |
| 67 | 03260713045 | Berea | 305 800 |
| 68 | 03200213055 | Berea | 286 400 |
| 69 | 02131211099 | Leribe | 299 600 |

| Year 4 | | | |
|-----------------------------------|-------------|----------------------------|-------------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 05510413039 | Mafeteng | 299 600 |
| 71 | 02110511024 | Leribe | 299 600 |
| 72 | 02110613007 | Leribe | 297 200 |
| 73 | 03230513002 | Berea | 297 200 |
| 74 | 02080313004 | Leribe | 297 200 |
| 75 | 02160913078 | Leribe | 297 200 |
| 76 | 05490213013 | Mafeteng | 282 400 |
| 77 | 02100513033 | Leribe | 310 400 |
| 78 | 03270813054 | Berea | 310 400 |
| 79 | 03210313007 | Berea | 310 400 |
| 80 | 01040413031 | Botha-Bothe | 295 600 |
| 81 | 04420513067 | - | 305 800 |
| 82 | 05530613048 | Mafeteng | 305 800 |
| 83 | 06560113003 | Mohale's Hoek | 291 000 |
| 84 | 05530613049 | Mafeteng | 291 000 |
| 85 | 02100513024 | Leribe | 291 000 |
| 86 | 06580811014 | Mohale's Hoek | 291 000 |
| 87 | 02090413042 | Leribe | 291 000 |
| 88 | 02120713017 | Leribe | 291 000 |
| 89 | 03200213005 | Berea | 295 000 |
| 90 | 09770133042 | Mokhotlong | 397 400 |
| 91 | 03230513055 | Berea | 291 000 |
| 92 | 02171013029 | - | 291 000 |
| TOTAL INVESTMENT - YEAR 4: | | 25 362 400 | |

| Year 5 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 02080313020 | Leribe | 291 000 |
| 2 | 05500313017 | Mafeteng | 291 000 |
| 3 | 02100513005 | Leribe | 291 000 |
| 4 | 03220413003 | Berea | 277 800 |
| 5 | 04450813058 | Maseru | 277 800 |
| 6 | 05520512037 | Mafeteng | 277 800 |
| 7 | 03220413027 | Berea | 286 400 |
| 8 | 05490213036 | Mafeteng | 286 400 |
| 9 | 04440713044 | Maseru | 357 000 |
| 10 | 02110511048 | Leribe | 365 600 |
| 11 | 04440713046 | Maseru | 342 200 |
| 12 | 02120713036 | Leribe | 437 800 |
| 13 | 02120713028 | Leribe | 337 600 |
| 14 | 05540713058 | Mafeteng | 346 200 |
| 15 | 04471033047 | - | 130 400 |
| 16 | 05510423063 | Mafeteng | 130 400 |
| 17 | 05500313016 | Mafeteng | 333 000 |
| 18 | 04450813016 | Maseru | 348 400 |
| 19 | 05540713019 | Mafeteng | 329 000 |
| 20 | 03260713052 | Berea | 333 000 |
| 21 | 06560113038 | Mohale's Hoek | 331 400 |
| 22 | 04471033048 | - | 126 400 |
| 23 | 04440713006 | Maseru | 337 600 |

| Year 5 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 06630743069 | Mohale's Hoek | 130 400 |
| 25 | 07660343053 | Quthing | 128 800 |
| 26 | 07670443004 | Quthing | 128 800 |
| 27 | 06620643043 | Mohale's Hoek | 124 200 |
| 28 | 07670443007 | Quthing | 115 600 |
| 29 | 02080313029 | Leribe | 415 200 |
| 30 | 02070213020 | Leribe | 402 000 |
| 31 | 03260713061 | Berea | 402 000 |
| 32 | 03270813058 | Berea | 402 000 |
| 33 | 01020213035 | Botha-Bothe | 397 400 |
| 34 | 02120713019 | Leribe | 392 800 |
| 35 | 04440713041 | Maseru | 392 800 |
| 36 | 06620643054 | Mohale's Hoek | 120 200 |
| 37 | 06630733005 | Mohale's Hoek | 120 200 |
| 38 | 07670443042 | Quthing | 120 200 |
| 39 | 03270813049 | Berea | 397 400 |
| 40 | 06570213056 | Mohale's Hoek | 388 800 |
| 41 | 03220413034 | Berea | 391 200 |
| 42 | 01040413019 | Botha-Bothe | 391 200 |
| 43 | 08710333052 | Qacha's Nek | 310 400 |
| 44 | 06600443039 | - | 115 600 |
| 45 | 09770133036 | Mokhotlong | 305 800 |
| 46 | 09780233067 | Mokhotlong | 305 800 |

| Year 5 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 08700243030 | Qacha's Nek | 305 800 |
| 48 | 07670443006 | Quthing | 299 600 |
| 49 | 09800433006 | Mokhotlong | 299 600 |
| 50 | 10740343072 | - | 299 600 |
| 51 | 03250613001 | Berea | 310 400 |
| 52 | 05510423006 | Mafeteng | 111 000 |
| 53 | 09780233031 | Mokhotlong | 111 000 |
| 54 | 09780233030 | Mokhotlong | 308 800 |
| 55 | 03190123030 | - | 301 800 |
| 56 | 04440713047 | Maseru | 301 800 |
| 57 | 01010123014 | Botha-Bothe | 305 800 |
| 58 | 10750433067 | Thaba-tseka | 305 800 |
| 59 | 10740343065 | - | 286 400 |
| 60 | 03190123053 | - | 304 200 |
| 61 | 10760533052 | Thaba-tseka | 297 200 |
| 62 | 05480113028 | Mafeteng | 299 600 |
| 63 | 02171013025 | - | 292 600 |
| 64 | 09800433033 | Mokhotlong | 292 600 |
| 65 | 04430613048 | Maseru | 292 600 |
| 66 | 06620643030 | Mohale's Hoek | 291 000 |
| 67 | 02100513011 | Leribe | 282 400 |
| 68 | 06630743060 | Mohale's Hoek | 282 400 |
| 69 | 03190113003 | Berea | 282 400 |

| Year 5 | | | |
|-----------------------------------|-------------|----------------------------|-------------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 07680543013 | Quthing | 295 000 |
| 71 | 10720133007 | Thaba-Tseka | 295 000 |
| 72 | 09790333056 | Mokhotlong | 286 400 |
| 73 | 06610523024 | Mohale's Hoek | 277 800 |
| 74 | 05490213040 | Mafeteng | 277 800 |
| 75 | 06630743010 | Mohale's Hoek | 97 800 |
| 76 | 05510412034 | Mafeteng | 437 800 |
| 77 | 05500313011 | Mafeteng | 448 600 |
| 78 | 08700243009 | Qacha's Nek | 281 800 |
| 79 | 09790531043 | Mokhotlong | 281 800 |
| 80 | 10740333059 | Thaba-tseka | 281 800 |
| 81 | 04440713012 | Maseru | 291 000 |
| 82 | 05480113005 | Mafeteng | 291 000 |
| 83 | 08700243005 | Qacha's Nek | 291 000 |
| 84 | 05480113010 | Mafeteng | 277 800 |
| 85 | 09800433037 | Mokhotlong | 281 800 |
| 86 | 06610523023 | Mohale's Hoek | 281 800 |
| 87 | 05480113040 | Mafeteng | 281 800 |
| 88 | 10760543019 | Thaba-tseka | 308 800 |
| 89 | 05540713002 | Mafeteng | 184 000 |
| 90 | 09780233072 | Mokhotlong | 184 000 |
| 91 | 09790333054 | Mokhotlong | 184 000 |
| 92 | 09790333064 | Mokhotlong | 355 400 |
| TOTAL INVESTMENT - YEAR 5: | | 26 202 400 | |

| Year 6 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 02120713010 | Leribe | 304 200 |
| 2 | 04380113085 | Maseru | 521 600 |
| 3 | 09800433049 | Mokhotlong | 352 400 |
| 4 | 07670443012 | Quthing | 352 400 |
| 5 | 04460923056 | Maseru | 175 400 |
| 6 | 05540713065 | Mafeteng | 175 400 |
| 7 | 06590313002 | Mohale's Hoek | 175 400 |
| 8 | 04460923049 | Maseru | 175 400 |
| 9 | 05510423005 | Mafeteng | 175 400 |
| 10 | 05520523018 | Mafeteng | 175 400 |
| 11 | 07680543010 | Quthing | 175 400 |
| 12 | 10730233004 | Thaba-Tseka | 175 400 |
| 13 | 09800433055 | Mokhotlong | 342 200 |
| 14 | 04440713016 | Maseru | 337 600 |
| 15 | 09800433004 | Mokhotlong | 337 600 |
| 16 | 09770133006 | Mokhotlong | 181 600 |
| 17 | 02181113004 | Leribe | 286 400 |
| 18 | 06630733035 | Mohale's Hoek | 180 000 |
| 19 | 05510423002 | Mafeteng | 180 000 |
| 20 | 09780233008 | Mokhotlong | 180 000 |
| 21 | 09780233018 | Mokhotlong | 180 000 |
| 22 | 07670443038 | Quthing | 342 200 |
| 23 | 05510423014 | Mafeteng | 184 000 |

| Year 6 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 06630743065 | Mohale's Hoek | 184 000 |
| 25 | 01020213002 | Botha-Bothe | 184 000 |
| 26 | 04460923038 | Maseru | 184 000 |
| 27 | 06620643045 | Mohale's Hoek | 184 000 |
| 28 | 08710431019 | Qacha's Nek | 184 000 |
| 29 | 09770133005 | Mokhotlong | 184 000 |
| 30 | 02070223037 | Leribe | 346 200 |
| 31 | 02120713009 | Leribe | 281 800 |
| 32 | 07670443013 | Quthing | 171 400 |
| 33 | 09800433038 | Mokhotlong | 171 400 |
| 34 | 10740343067 | - | 171 400 |
| 35 | 03230512031 | Berea | 171 400 |
| 36 | 04410423096 | - | 291 000 |
| 37 | 10720133054 | Thaba-Tseka | 337 600 |
| 38 | 07660343005 | Quthing | 337 600 |
| 39 | 05510423011 | Mafeteng | 175 400 |
| 40 | 09780233028 | Mokhotlong | 175 400 |
| 41 | 04460923052 | Maseru | 175 400 |
| 42 | 05500322026 | - | 175 400 |
| 43 | 10730233038 | Thaba-Tseka | 175 400 |
| 44 | 02140813047 | Leribe | 329 000 |
| 45 | 06600443047 | - | 329 000 |
| 46 | 02120713039 | Leribe | 333 000 |

| Year 6 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 10730233009 | Thaba-Tseka | 331 400 |
| 48 | 06630733004 | Mohale's Hoek | 166 800 |
| 49 | 05500323047 | - | 166 800 |
| 50 | 05510423023 | Mafeteng | 166 800 |
| 51 | 09780233017 | Mokhotlong | 166 800 |
| 52 | 07670443001 | Quthing | 166 800 |
| 53 | 07640143032 | Quthing | 337 600 |
| 54 | 09780233022 | Mokhotlong | 337 600 |
| 55 | 06590343025 | - | 337 600 |
| 56 | 04471033044 | - | 180 000 |
| 57 | 05500323044 | - | 180 000 |
| 58 | 06620643027 | Mohale's Hoek | 180 000 |
| 59 | 06620643048 | Mohale's Hoek | 180 000 |
| 60 | 06600413005 | Mohale's Hoek | 170 800 |
| 61 | 02080323035 | Leribe | 170 800 |
| 62 | 06600443023 | - | 162 200 |
| 63 | 04471033028 | - | 162 200 |
| 64 | 04471033041 | - | 162 200 |
| 65 | 07660343016 | Quthing | 162 200 |
| 66 | 08700243008 | Qacha's Nek | 162 200 |
| 67 | 07670443041 | Quthing | 162 200 |
| 68 | 03230513042 | Berea | 175 400 |
| 69 | 04471023010 | Maseru | 175 400 |

| Year 6 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 06560113008 | Mohale's Hoek | 175 400 |
| 71 | 10740343079 | - | 175 400 |
| 72 | 07660343019 | Quthing | 175 400 |
| 73 | 07660343051 | Quthing | 175 400 |
| 74 | 07670443037 | Quthing | 175 400 |
| 75 | 02140813031 | Leribe | 350 800 |
| 76 | 04471023016 | Maseru | 164 600 |
| 77 | 04471023005 | Maseru | 164 600 |
| 78 | 08710431020 | Qacha's Nek | 164 600 |
| 79 | 03230513039 | Berea | 235 200 |
| 80 | 09800433054 | Mokhotlong | 235 200 |
| 81 | 06620633020 | Mohale's Hoek | 235 200 |
| 82 | 06620643049 | Mohale's Hoek | 235 200 |
| 83 | 09780233070 | Mokhotlong | 235 200 |
| 84 | 04471033033 | - | 166 800 |
| 85 | 05490213043 | Mafeteng | 166 800 |
| 86 | 01050511008 | Botha-Bothe | 157 600 |
| 87 | 07650641031 | Quthing | 157 600 |
| 88 | 09770133046 | Mokhotlong | 397 400 |
| 89 | 03190123010 | - | 170 800 |
| 90 | 09780233048 | Mokhotlong | 170 800 |
| 91 | 06620643056 | Mohale's Hoek | 170 800 |
| 92 | 01040413029 | Botha-Bothe | 395 800 |

| Year 6 | | | |
|----------------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 93 | 01020223024 | Botha-Bothe | 388 800 |
| 94 | 05480113046 | Mafeteng | 391 200 |
| 95 | 05510423061 | Mafeteng | 231 200 |
| 96 | 02070223043 | Leribe | 231 200 |
| 97 | 05520523015 | Mafeteng | 231 200 |
| 98 | 04430612039 | Maseru | 231 200 |
| 99 | 09780233046 | Mokhotlong | 162 200 |
| 100 | 09800433043 | Mokhotlong | 162 200 |
| 101 | 06600443021 | - | 162 200 |
| 102 | 06630743009 | Mohale's Hoek | 162 200 |
| 103 | 07640641024 | Quthing | 162 200 |
| 104 | 05480113002 | Mafeteng | 235 200 |
| 105 | 08700243042 | Qacha's Nek | 235 200 |
| 106 | 09800433032 | Mokhotlong | 160 600 |
| 107 | 04471033036 | - | 160 600 |
| 108 | 06620643052 | Mohale's Hoek | 151 400 |
| 109 | 06630743053 | Mohale's Hoek | 151 400 |
| 110 | 02080313019 | Leribe | 226 600 |
| 111 | 09780233059 | Mokhotlong | 226 600 |
| 112 | 07680543009 | Quthing | 226 600 |
| 113 | 09770133051 | Mokhotlong | 226 600 |
| TOTAL INVESTMENT - YEAR 6: | | | 24 849 600 |

| Year 7 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 10760543005 | Thaba-tseka | 226 600 |
| 2 | 09800433022 | Mokhotlong | 226 600 |
| 3 | 05500322025 | - | 226 600 |
| 4 | 09770133043 | Mokhotlong | 457 200 |
| 5 | 05510423016 | Mafeteng | 153 600 |
| 6 | 06630743066 | Mohale's Hoek | 153 600 |
| 7 | 06610523039 | Mohale's Hoek | 157 600 |
| 8 | 06620633012 | Mohale's Hoek | 157 600 |
| 9 | 07680543014 | Quthing | 157 600 |
| 10 | 06600443016 | - | 157 600 |
| 11 | 02080323045 | Leribe | 231 200 |
| 12 | 07650233064 | Quthing | 231 200 |
| 13 | 09780233075 | Mokhotlong | 231 200 |
| 14 | 01050511010 | Botha-Bothe | 231 200 |
| 15 | 06610522014 | Mohale's Hoek | 235 200 |
| 16 | 09800433041 | Mokhotlong | 235 200 |
| 17 | 10730233012 | Thaba-Tseka | 235 200 |
| 18 | 06600443040 | - | 235 200 |
| 19 | 01050511012 | Botha-Bothe | 235 200 |
| 20 | 10760543006 | Thaba-tseka | 222 000 |
| 21 | 07650243067 | Quthing | 444 000 |
| 22 | 07670443040 | Quthing | 222 000 |
| 23 | 06590343029 | - | 156 000 |

| Year 7 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 06630733041 | Mohale's Hoek | 156 000 |
| 25 | 09770133060 | Mokhotlong | 156 000 |
| 26 | 09780233012 | Mokhotlong | 156 000 |
| 27 | 06560113036 | Mohale's Hoek | 466 400 |
| 28 | 09790333062 | Mokhotlong | 226 600 |
| 29 | 10760543018 | Thaba-tseka | 226 600 |
| 30 | 04471023001 | Maseru | 226 600 |
| 31 | 10730233014 | Thaba-Tseka | 226 600 |
| 32 | 06600443044 | - | 149 000 |
| 33 | 05480113043 | Mafeteng | 230 600 |
| 34 | 10720132013 | Thaba-Tseka | 230 600 |
| 35 | 10730233051 | Thaba-Tseka | 230 600 |
| 36 | 05500323042 | - | 230 600 |
| 37 | 06610523025 | Mohale's Hoek | 230 600 |
| 38 | 06620643044 | Mohale's Hoek | 147 400 |
| 39 | 06610523032 | Mohale's Hoek | 147 400 |
| 40 | 09780233021 | Mokhotlong | 147 400 |
| 41 | 05540713055 | Mafeteng | 147 400 |
| 42 | 06600443024 | - | 151 400 |
| 43 | 06600413010 | Mohale's Hoek | 151 400 |
| 44 | 09780233001 | Mokhotlong | 151 400 |
| 45 | 07670443017 | Quthing | 151 400 |
| 46 | 03220413005 | Berea | 218 000 |

| Year 7 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 05490213021 | Mafeteng | 218 000 |
| 48 | 06560113028 | Mohale's Hoek | 218 000 |
| 49 | 01010113027 | Botha-Bothe | 218 000 |
| 50 | 06590343037 | - | 218 000 |
| 51 | 06600413003 | Mohale's Hoek | 218 000 |
| 52 | 09770133010 | Mokhotlong | 218 000 |
| 53 | 10720133031 | Thaba-Tseka | 218 000 |
| 54 | 06600443033 | - | 218 000 |
| 55 | 07650641002 | Quthing | 218 000 |
| 56 | 07670443044 | Quthing | 218 000 |
| 57 | 01010123008 | Botha-Bothe | 222 000 |
| 58 | 02080323031 | Leribe | 222 000 |
| 59 | 05480113047 | Mafeteng | 222 000 |
| 60 | 03260713057 | Berea | 222 000 |
| 61 | 05490212026 | Mafeteng | 222 000 |
| 62 | 06620633014 | Mohale's Hoek | 222 000 |
| 63 | 03210313040 | Berea | 222 000 |
| 64 | 04471033053 | - | 222 000 |
| 65 | 04380113074 | Maseru | 517 600 |
| 66 | 02080323036 | Leribe | 220 400 |
| 67 | 04440713014 | Maseru | 220 400 |
| 68 | 09770133048 | Mokhotlong | 220 400 |
| 69 | 06620643051 | Mohale's Hoek | 220 400 |

| Year 7 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 09800433001 | Mokhotlong | 220 400 |
| 71 | 07670432024 | Quthing | 220 400 |
| 72 | 07670443018 | Quthing | 220 400 |
| 73 | 05480113007 | Mafeteng | 226 600 |
| 74 | 09770133004 | Mokhotlong | 226 600 |
| 75 | 09780233045 | Mokhotlong | 226 600 |
| 76 | 06630743056 | Mohale's Hoek | 226 600 |
| 77 | 02181113025 | - | 213 400 |
| 78 | 04460923011 | Maseru | 213 400 |
| 79 | 10760533029 | Thaba-tseka | 213 400 |
| 80 | 07660333030 | Quthing | 213 400 |
| 81 | 10730233029 | Thaba-Tseka | 213 400 |
| 82 | 10730233045 | Thaba-Tseka | 213 400 |
| 83 | 06590343023 | - | 213 400 |
| 84 | 01050511084 | Botha-Bothe | 217 400 |
| 85 | 09780233053 | Mokhotlong | 217 400 |
| 86 | 07670443002 | Quthing | 217 400 |
| 87 | 07670443010 | Quthing | 217 400 |
| 88 | 08690133050 | Quthing | 217 400 |
| 89 | 09770133020 | Mokhotlong | 217 400 |
| 90 | 03190123020 | - | 215 800 |
| 91 | 10760542012 | Thaba-tseka | 215 800 |
| 92 | 05500323032 | - | 215 800 |

| Year 7 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 93 | 02080323037 | Leribe | 215 800 |
| 94 | 02120713016 | Leribe | 448 600 |
| 95 | 02080313049 | Leribe | 208 800 |
| 96 | 02160913080 | Leribe | 208 800 |
| 97 | 08690143053 | Quthing | 208 800 |
| 98 | 05520523020 | Mafeteng | 208 800 |
| 99 | 06620643062 | Mohale's Hoek | 207 200 |
| 100 | 03190123022 | - | 207 200 |
| 101 | 06600443050 | - | 207 200 |
| 102 | 07640641003 | Quthing | 207 200 |
| 103 | 02060133057 | Leribe | 207 200 |
| 104 | 07670443015 | Quthing | 207 200 |
| 105 | 01020213014 | Botha-Bothe | 211 200 |
| 106 | 02080323044 | Leribe | 211 200 |
| 107 | 04440712031 | Maseru | 211 200 |
| 108 | 06630733015 | Mohale's Hoek | 211 200 |
| 109 | 07650243061 | Quthing | 211 200 |
| 110 | 02070223038 | Leribe | 213 400 |
| 111 | 04460923050 | Maseru | 213 400 |
| 112 | 06600443035 | - | 213 400 |
| 113 | 09780233025 | Mokhotlong | 213 400 |
| 114 | 02100523042 | Leribe | 213 400 |
| 115 | 06630733020 | Mohale's Hoek | 213 400 |

| Year 7 | | | |
|-----------------------------------|-------------|-------------------------|-------------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 116 | 08700243018 | Qacha's Nek | 213 400 |
| 117 | 01010123042 | Botha-Bothe | 204 200 |
| TOTAL INVESTMENT - YEAR 7: | | | 25 213 800 |

| Year 8 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 02151311001 | Leribe | 204 200 |
| 2 | 06560113016 | Mohale's Hoek | 204 200 |
| 3 | 07660343041 | Quthing | 204 200 |
| 4 | 09770133039 | Mokhotlong | 204 200 |
| 5 | 05510423019 | Mafeteng | 204 200 |
| 6 | 04430613030 | Maseru | 204 200 |
| 7 | 01010113028 | Botha-Bothe | 202 600 |
| 8 | 06630733008 | Mohale's Hoek | 202 600 |
| 9 | 01020213001 | Botha-Bothe | 202 600 |
| 10 | 05520523012 | Mafeteng | 202 600 |
| 11 | 04440712029 | Maseru | 207 200 |
| 12 | 05510423008 | Mafeteng | 207 200 |
| 13 | 09790333066 | Mokhotlong | 207 200 |
| 14 | 03220413020 | Berea | 207 200 |
| 15 | 06630733018 | Mohale's Hoek | 207 200 |
| 16 | 07660343014 | Quthing | 207 200 |
| 17 | 08700243035 | Qacha's Nek | 207 200 |
| 18 | 03260713032 | Berea | 200 200 |
| 19 | 05520513001 | Mafeteng | 200 200 |
| 20 | 06570811009 | Mohale's Hoek | 200 200 |
| 21 | 07660343054 | Quthing | 200 200 |
| 22 | 07670443005 | Quthing | 200 200 |
| 23 | 09770133040 | Mokhotlong | 200 200 |

| Year 8 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 04471023015 | Maseru | 200 200 |
| 25 | 01010123029 | Botha-Bothe | 200 200 |
| 26 | 06610523045 | Mohale's Hoek | 202 600 |
| 27 | 07640143038 | Quthing | 202 600 |
| 28 | 09780233039 | Mokhotlong | 202 600 |
| 29 | 02120713042 | Leribe | 365 600 |
| 30 | 10730233006 | Thaba-Tseka | 365 600 |
| 31 | 02181113047 | Leribe | 314 400 |
| 32 | 06570213060 | Mohale's Hoek | 314 400 |
| 33 | 06620643046 | Mohale's Hoek | 314 400 |
| 34 | 10760533045 | Thaba-tseka | 314 400 |
| 35 | 06590343026 | - | 310 400 |
| 36 | 09770133041 | Mokhotlong | 310 400 |
| 37 | 09780233036 | Mokhotlong | 310 400 |
| 38 | 03210313044 | Berea | 312 800 |
| 39 | 06610523020 | Mohale's Hoek | 312 800 |
| 40 | 10740343078 | - | 312 800 |
| 41 | 02120713021 | Leribe | 312 800 |
| 42 | 02120713008 | Leribe | 365 600 |
| 43 | 10730233033 | Thaba-Tseka | 361 600 |
| 44 | 02100523043 | Leribe | 470 400 |
| 45 | 02181113019 | Leribe | 305 800 |
| 46 | 07680543002 | Quthing | 305 800 |

| Year 8 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 05520513043 | Mafeteng | 310 400 |
| 48 | 06610523011 | Mohale's Hoek | 310 400 |
| 49 | 08700243013 | Qacha's Nek | 310 400 |
| 50 | 09800433034 | Mokhotlong | 310 400 |
| 51 | 08690143047 | Quthing | 415 200 |
| 52 | 09790333049 | Mokhotlong | 415 200 |
| 53 | 09790333046 | Mokhotlong | 308 800 |
| 54 | 07660343017 | Quthing | 359 400 |
| 55 | 10740631004 | Thaba-tseka | 355 400 |
| 56 | 02171013020 | - | 410 600 |
| 57 | 06610523027 | Mohale's Hoek | 410 600 |
| 58 | 03190123045 | - | 305 800 |
| 59 | 10760542013 | Thaba-tseka | 305 800 |
| 60 | 10760543038 | Thaba-tseka | 305 800 |
| 61 | 02171013039 | - | 305 800 |
| 62 | 04420513065 | - | 299 600 |
| 63 | 05480113045 | Mafeteng | 299 600 |
| 64 | 04460923020 | Maseru | 299 600 |
| 65 | 04471033042 | - | 299 600 |
| 66 | 09780233011 | Mokhotlong | 299 600 |
| 67 | 03220413010 | Berea | 415 200 |
| 68 | 07660343043 | Quthing | 301 800 |
| 69 | 06590343047 | - | 301 800 |

| Year 8 | | | |
|-----------------------------------|-------------|----------------------------|-------------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 04440713009 | Maseru | 352 400 |
| 71 | 03190123018 | - | 304 200 |
| 72 | 05500323040 | - | 304 200 |
| 73 | 09770133045 | Mokhotlong | 350 800 |
| 74 | 03250612034 | Berea | 355 400 |
| 75 | 01040423043 | Botha-Bothe | 355 400 |
| 76 | 02070223004 | Leribe | 355 400 |
| 77 | 05500322022 | - | 406 000 |
| 78 | 06610522016 | Mohale's Hoek | 297 200 |
| 79 | 05500323055 | - | 297 200 |
| 80 | 06610523004 | Mohale's Hoek | 297 200 |
| 81 | 05530613058 | Mafeteng | 299 600 |
| 82 | 09800433013 | Mokhotlong | 299 600 |
| 83 | 10760543039 | Thaba-tseka | 346 200 |
| 84 | 01050511097 | Botha-Bothe | 346 200 |
| 85 | 08700243019 | Qacha's Nek | 348 400 |
| 86 | 10730233002 | Thaba-Tseka | 348 400 |
| 87 | 01010113019 | Botha-Bothe | 348 400 |
| TOTAL INVESTMENT - YEAR 8: | | 25 344 800 | |

| Year 9 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 06620642041 | - | 348 400 |
| 2 | 04460923061 | Maseru | 295 600 |
| 3 | 02090413020 | Leribe | 295 600 |
| 4 | 02120713014 | Leribe | 295 600 |
| 5 | 05520513047 | Mafeteng | 295 600 |
| 6 | 03260713034 | Berea | 342 200 |
| 7 | 09770133054 | Mokhotlong | 342 200 |
| 8 | 10730233036 | Thaba-Tseka | 342 200 |
| 9 | 02100523014 | Leribe | 350 800 |
| 10 | 02090423036 | Leribe | 399 800 |
| 11 | 09800433045 | Mokhotlong | 451 000 |
| 12 | 03250612033 | Berea | 292 600 |
| 13 | 06600443048 | - | 292 600 |
| 14 | 08710333037 | Qacha's Nek | 292 600 |
| 15 | 02171013047 | - | 292 600 |
| 16 | 05510413027 | Mafeteng | 292 600 |
| 17 | 03230513003 | Berea | 286 400 |
| 18 | 06610523001 | Mohale's Hoek | 286 400 |
| 19 | 02070223039 | Leribe | 286 400 |
| 20 | 10760533046 | Thaba-tseka | 286 400 |
| 21 | 08700243038 | Qacha's Nek | 286 400 |
| 22 | 01010123006 | Botha-Bothe | 392 800 |
| 23 | 06630733028 | Mohale's Hoek | 392 800 |

| Year 9 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 02120713035 | Leribe | 295 000 |
| 25 | 06600413004 | Mohale's Hoek | 295 000 |
| 26 | 10730233031 | Thaba-Tseka | 295 000 |
| 27 | 07640641025 | Quthing | 295 000 |
| 28 | 02171013037 | - | 337 600 |
| 29 | 09800433031 | Mokhotlong | 337 600 |
| 30 | 10730233053 | Thaba-Tseka | 337 600 |
| 31 | 09800433018 | Mokhotlong | 337 600 |
| 32 | 09800433053 | Mokhotlong | 346 200 |
| 33 | 03230513050 | Berea | 346 200 |
| 34 | 06620643063 | Mohale's Hoek | 291 000 |
| 35 | 06630743049 | Mohale's Hoek | 291 000 |
| 36 | 07670443008 | Quthing | 291 000 |
| 37 | 10760533058 | Thaba-tseka | 291 000 |
| 38 | 02080313024 | Leribe | 342 200 |
| 39 | 03260713033 | Berea | 342 200 |
| 40 | 09790333050 | Mokhotlong | 342 200 |
| 41 | 08700243044 | Qacha's Nek | 395 800 |
| 42 | 10720133035 | Thaba-Tseka | 439 400 |
| 43 | 03230513032 | Berea | 392 800 |
| 44 | 06600443026 | - | 333 000 |
| 45 | 01010123037 | Botha-Bothe | 333 000 |
| 46 | 05500313001 | Mafeteng | 333 000 |

| Year 9 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 06620642039 | - | 341 600 |
| 48 | 03190123016 | - | 388 800 |
| 49 | 07650243065 | Quthing | 388 800 |
| 50 | 02090413034 | Leribe | 337 600 |
| 51 | 03260713005 | Berea | 337 600 |
| 52 | 05500323037 | - | 337 600 |
| 53 | 10740333052 | Thaba-tseka | 337 600 |
| 54 | 06610522013 | Mohale's Hoek | 391 200 |
| 55 | 08710333053 | Qacha's Nek | 391 200 |
| 56 | 01020223025 | Botha-Bothe | 391 200 |
| 57 | 06630743050 | Mohale's Hoek | 286 400 |
| 58 | 10740343077 | - | 286 400 |
| 59 | 07670443009 | Quthing | 286 400 |
| 60 | 01020213044 | Botha-Bothe | 282 400 |
| 61 | 02090413033 | Leribe | 282 400 |
| 62 | 05540713059 | Mafeteng | 282 400 |
| 63 | 10760533042 | Thaba-tseka | 282 400 |
| 64 | 01010113022 | Botha-Bothe | 291 000 |
| 65 | 02080313015 | Leribe | 291 000 |
| 66 | 10760543020 | Thaba-tseka | 384 200 |
| 67 | 10720133015 | Thaba-Tseka | 386 600 |
| 68 | 05510413040 | Mafeteng | 333 000 |
| 69 | 06560113020 | Mohale's Hoek | 333 000 |

| Year 9 | | | |
|-----------------------------------|-------------|----------------------------|-------------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 02171013046 | - | 382 600 |
| 71 | 09800433026 | Mokhotlong | 337 600 |
| 72 | 07670443014 | Quthing | 329 000 |
| 73 | 08690142060 | Qacha's Nek | 329 000 |
| 74 | 04410413080 | Maseru | 331 400 |
| 75 | 06610523010 | Mohale's Hoek | 331 400 |
| 76 | 03250623047 | Berea | 331 400 |
| 77 | 01020213008 | Botha-Bothe | 331 400 |
| TOTAL INVESTMENT - YEAR 9: | | 25 434 600 | |

| Year 10 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 02120713029 | Leribe | 331 400 |
| 2 | 04380113073 | Maseru | 331 400 |
| 3 | 03230513037 | Berea | 281 800 |
| 4 | 03250623052 | Berea | 281 800 |
| 5 | 09800433008 | Mokhotlong | 281 800 |
| 6 | 10740343075 | - | 281 800 |
| 7 | 06620643060 | Mohale's Hoek | 281 800 |
| 8 | 02080323038 | Leribe | 281 800 |
| 9 | 02100513034 | Leribe | 277 800 |
| 10 | 09780233027 | Mokhotlong | 277 800 |
| 11 | 09790333060 | Mokhotlong | 277 800 |
| 12 | 10740343073 | - | 277 800 |
| 13 | 08700243037 | Qacha's Nek | 277 800 |
| 14 | 01010123017 | Botha-Bothe | 281 800 |
| 15 | 05520513045 | Mafeteng | 281 800 |
| 16 | 09780233077 | Mokhotlong | 281 800 |
| 17 | 06610523012 | Mohale's Hoek | 277 800 |
| 18 | 06620643029 | Mohale's Hoek | 277 800 |
| 19 | 07660343015 | Quthing | 277 800 |
| 20 | 09780233035 | Mokhotlong | 277 800 |
| 21 | 05500323051 | - | 277 800 |
| 22 | 09780233019 | Mokhotlong | 277 800 |
| 23 | 09800433048 | Mokhotlong | 277 800 |

| Year 10 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 10730233017 | Thaba-Tseka | 277 800 |
| 25 | 06590313013 | Mohale's Hoek | 517 000 |
| 26 | 08700243010 | Qacha's Nek | 521 600 |
| 27 | 01010123016 | Botha-Bothe | 235 200 |
| 28 | 01020213004 | Botha-Bothe | 235 200 |
| 29 | 02060133016 | Leribe | 235 200 |
| 30 | 02100513030 | Leribe | 235 200 |
| 31 | 02110511012 | Leribe | 235 200 |
| 32 | 03190123049 | - | 235 200 |
| 33 | 03200213001 | Berea | 235 200 |
| 34 | 03220413013 | Berea | 235 200 |
| 35 | 04440713026 | Maseru | 235 200 |
| 36 | 05500322030 | - | 235 200 |
| 37 | 06570213066 | Mohale's Hoek | 235 200 |
| 38 | 06630733029 | Mohale's Hoek | 235 200 |
| 39 | 09790333045 | Mokhotlong | 235 200 |
| 40 | 09800433029 | Mokhotlong | 235 200 |
| 41 | 10730233015 | Thaba-Tseka | 235 200 |
| 42 | 10740333057 | Thaba-tseka | 235 200 |
| 43 | 10750432070 | Thaba-tseka | 235 200 |
| 44 | 01030333042 | Botha-Bothe | 235 200 |
| 45 | 03230513056 | Berea | 235 200 |
| 46 | 04471033055 | - | 235 200 |

| Year 10 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 01050511086 | Botha-Bothe | 235 200 |
| 48 | 05530613020 | Mafeteng | 235 200 |
| 49 | 07640641022 | Quthing | 235 200 |
| 50 | 08690431033 | Qacha's Nek | 235 200 |
| 51 | 07650641056 | Quthing | 470 400 |
| 52 | 03220413022 | Berea | 235 200 |
| 53 | 04390213022 | Maseru | 235 200 |
| 54 | 07680543020 | Quthing | 235 200 |
| 55 | 10740631030 | Thaba-tseka | 235 200 |
| 56 | 03250623040 | Berea | 235 200 |
| 57 | 04410413006 | Maseru | 235 200 |
| 58 | 10750433051 | Thaba-tseka | 235 200 |
| 59 | 03230513045 | Berea | 235 200 |
| 60 | 09800433012 | Mokhotlong | 235 200 |
| 61 | 03270813057 | Berea | 466 400 |
| 62 | 02100523038 | Leribe | 461 800 |
| 63 | 01010123040 | Botha-Bothe | 231 200 |
| 64 | 02060133014 | Leribe | 231 200 |
| 65 | 03190123024 | - | 231 200 |
| 66 | 03190123025 | - | 231 200 |
| 67 | 03190123031 | - | 231 200 |
| 68 | 03250613012 | Berea | 231 200 |
| 69 | 05490212031 | Mafeteng | 231 200 |

| Year 10 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 06610523008 | Mohale's Hoek | 231 200 |
| 71 | 06630733022 | Mohale's Hoek | 231 200 |
| 72 | 06630743057 | Mohale's Hoek | 231 200 |
| 73 | 04400333036 | Maseru | 231 200 |
| 74 | 01020213042 | Botha-Bothe | 231 200 |
| 75 | 03210313021 | Berea | 231 200 |
| 76 | 09790531010 | Mokhotlong | 231 200 |
| 77 | 03270813034 | Berea | 461 800 |
| 78 | 01010123009 | Botha-Bothe | 235 200 |
| 79 | 02060133028 | Leribe | 235 200 |
| 80 | 02090413024 | Leribe | 235 200 |
| 81 | 02181113016 | Leribe | 235 200 |
| 82 | 03260713044 | Berea | 235 200 |
| 83 | 04460923042 | Maseru | 235 200 |
| 84 | 06570213058 | Mohale's Hoek | 235 200 |
| 85 | 07650641059 | Quthing | 235 200 |
| 86 | 09800433036 | Mokhotlong | 235 200 |
| 87 | 10730233052 | Thaba-Tseka | 235 200 |
| 88 | 01030333035 | Botha-Bothe | 235 200 |
| 89 | 04400323045 | Maseru | 235 200 |
| 90 | 07650243068 | Quthing | 235 200 |
| 91 | 07680533032 | Quthing | 235 200 |
| 92 | 02181113053 | Leribe | 235 200 |

| Year 10 | | | |
|------------------------------------|-------------|-------------------------|-------------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 93 | 07680533040 | - | 235 200 |
| 94 | 09780233064 | Mokhotlong | 235 200 |
| 95 | 04440712035 | Maseru | 235 200 |
| 96 | 01030323016 | Botha-Bothe | 231 200 |
| 97 | 01030333048 | Botha-Bothe | 231 200 |
| 98 | 02181113024 | Leribe | 231 200 |
| TOTAL INVESTMENT - YEAR 10: | | | 25 635 000 |

| Year 11 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 03190123042 | - | 231 200 |
| 2 | 03190123047 | - | 231 200 |
| 3 | 04390223021 | Maseru | 231 200 |
| 4 | 08690133067 | Quthing | 231 200 |
| 5 | 08690133074 | Qacha's Nek | 231 200 |
| 6 | 10720133053 | Thaba-Tseka | 231 200 |
| 7 | 10740631006 | Thaba-tseka | 231 200 |
| 8 | 10750433003 | Thaba-tseka | 231 200 |
| 9 | 10750433025 | Thaba-tseka | 231 200 |
| 10 | 06610523046 | Mohale's Hoek | 231 200 |
| 11 | 10750433057 | Thaba-tseka | 231 200 |
| 12 | 10750433062 | Thaba-tseka | 231 200 |
| 13 | 02110613035 | Leribe | 231 200 |
| 14 | 02151311004 | Leribe | 231 200 |
| 15 | 02151311017 | Leribe | 231 200 |
| 16 | 05520513002 | Mafeteng | 231 200 |
| 17 | 07670433023 | Quthing | 231 200 |
| 18 | 09780233062 | Mokhotlong | 231 200 |
| 19 | 01020223017 | Botha-Bothe | 231 200 |
| 20 | 04380113083 | Maseru | 419 200 |
| 21 | 10730233005 | Thaba-Tseka | 416 800 |
| 22 | 02161311065 | Leribe | 226 600 |
| 23 | 03190123026 | - | 226 600 |

| Year 11 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 03190123051 | - | 226 600 |
| 25 | 03250613006 | Berea | 226 600 |
| 26 | 06580811083 | Mohale's Hoek | 226 600 |
| 27 | 10720133058 | Thaba-Tseka | 226 600 |
| 28 | 10730233025 | Thaba-Tseka | 226 600 |
| 29 | 10740631001 | Thaba-tseka | 226 600 |
| 30 | 10750433019 | Thaba-tseka | 226 600 |
| 31 | 10750433039 | Thaba-tseka | 226 600 |
| 32 | 10760533021 | Thaba-tseka | 226 600 |
| 33 | 04390223058 | Maseru | 226 600 |
| 34 | 04460923010 | Maseru | 226 600 |
| 35 | 04471033020 | - | 226 600 |
| 36 | 10730233016 | Thaba-Tseka | 226 600 |
| 37 | 01040413013 | Botha-Bothe | 226 600 |
| 38 | 02060133059 | Leribe | 226 600 |
| 39 | 02141211016 | Leribe | 226 600 |
| 40 | 02181112043 | Leribe | 226 600 |
| 41 | 04431111022 | Maseru | 226 600 |
| 42 | 06590343038 | - | 226 600 |
| 43 | 07670433030 | Quthing | 226 600 |
| 44 | 03220423040 | - | 410 600 |
| 45 | 03190123008 | - | 230 600 |
| 46 | 10720133004 | Thaba-Tseka | 230 600 |

| Year 11 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 07640133043 | Quthing | 230 600 |
| 48 | 07660333024 | Quthing | 230 600 |
| 49 | 07670433027 | Quthing | 230 600 |
| 50 | 10760533056 | Thaba-tseka | 230 600 |
| 51 | 01050511085 | Botha-Bothe | 230 600 |
| 52 | 02140813030 | Leribe | 230 600 |
| 53 | 05530613051 | Mafeteng | 230 600 |
| 54 | 05530811014 | Mafeteng | 230 600 |
| 55 | 04420513072 | - | 230 600 |
| 56 | 09770133035 | Mokhotlong | 230 600 |
| 57 | 10750433027 | Thaba-tseka | 410 600 |
| 58 | 02070223031 | Leribe | 410 600 |
| 59 | 03271111027 | Berea | 226 600 |
| 60 | 04390213035 | Maseru | 226 600 |
| 61 | 05490213018 | Mafeteng | 226 600 |
| 62 | 05500323052 | - | 226 600 |
| 63 | 06620633009 | Mohale's Hoek | 226 600 |
| 64 | 07660343018 | Quthing | 226 600 |
| 65 | 07670443052 | Quthing | 226 600 |
| 66 | 09800433027 | Mokhotlong | 226 600 |
| 67 | 10730233022 | Thaba-Tseka | 226 600 |
| 68 | 10730233054 | Thaba-Tseka | 226 600 |
| 69 | 10760543004 | Thaba-tseka | 226 600 |

| Year 11 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 04460923027 | Maseru | 226 600 |
| 71 | 07670433031 | Quthing | 226 600 |
| 72 | 07680543011 | Quthing | 226 600 |
| 73 | 03210313015 | Berea | 226 600 |
| 74 | 03210313036 | Berea | 226 600 |
| 75 | 04450813010 | Maseru | 226 600 |
| 76 | 07660343001 | Quthing | 226 600 |
| 77 | 03220413030 | Berea | 365 600 |
| 78 | 01030323020 | Botha-Bothe | 365 600 |
| 79 | 06590313009 | Mohale's Hoek | 365 600 |
| 80 | 02060133022 | Leribe | 365 600 |
| 81 | 02090413004 | Leribe | 448 600 |
| 82 | 01010113020 | Botha-Bothe | 222 000 |
| 83 | 01010123045 | Botha-Bothe | 222 000 |
| 84 | 03190123005 | - | 222 000 |
| 85 | 03250612027 | Berea | 222 000 |
| 86 | 04410412039 | Maseru | 222 000 |
| 87 | 04420513041 | - | 222 000 |
| 88 | 04460923037 | Maseru | 222 000 |
| 89 | 05520513040 | Mafeteng | 222 000 |
| 90 | 06600443028 | - | 222 000 |
| 91 | 08700243004 | Qacha's Nek | 222 000 |
| 92 | 08700243016 | Qacha's Nek | 222 000 |

| Year 11 | | | |
|------------------------------------|-------------|-------------------------|-------------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 93 | 10740631005 | Thaba-tseka | 222 000 |
| 94 | 10760543036 | Thaba-tseka | 222 000 |
| 95 | 10760543037 | Thaba-tseka | 222 000 |
| 96 | 06630733033 | Mohale's Hoek | 222 000 |
| 97 | 08700233048 | Qacha's Nek | 222 000 |
| 98 | 10740631032 | Thaba-tseka | 222 000 |
| 99 | 02090413014 | Leribe | 222 000 |
| 100 | 02110613037 | Leribe | 222 000 |
| 101 | 05510412032 | Mafeteng | 222 000 |
| 102 | 07660641011 | Quthing | 222 000 |
| 103 | 08710431017 | Qacha's Nek | 222 000 |
| 104 | 02100513028 | Leribe | 222 000 |
| TOTAL INVESTMENT - YEAR 11: | | | 25 308 800 |

| Year 12 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 07650641033 | Quthing | 410 600 |
| 2 | 03220413024 | Berea | 406 000 |
| 3 | 04460923029 | Maseru | 406 000 |
| 4 | 02171013033 | - | 406 000 |
| 5 | 02120713003 | Leribe | 402 000 |
| 6 | 04460923059 | Maseru | 402 000 |
| 7 | 02090412057 | Leribe | 402 000 |
| 8 | 02060132052 | Leribe | 586 000 |
| 9 | 02110613030 | Leribe | 184 000 |
| 10 | 03190123037 | - | 184 000 |
| 11 | 03220423044 | - | 184 000 |
| 12 | 04460923004 | Maseru | 184 000 |
| 13 | 04471023011 | Maseru | 184 000 |
| 14 | 05510413056 | Mafeteng | 184 000 |
| 15 | 05510423017 | Mafeteng | 184 000 |
| 16 | 07680543008 | Quthing | 184 000 |
| 17 | 08690133069 | Quthing | 184 000 |
| 18 | 10750433018 | Thaba-tseka | 184 000 |
| 19 | 02060133035 | Leribe | 184 000 |
| 20 | 02060133069 | Leribe | 184 000 |
| 21 | 05510423067 | Mafeteng | 184 000 |
| 22 | 09780233013 | Mokhotlong | 184 000 |
| 23 | 10750433026 | Thaba-tseka | 184 000 |

| Year 12 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 02131211002 | Leribe | 184 000 |
| 25 | 03230513049 | Berea | 184 000 |
| 26 | 07650641005 | Quthing | 184 000 |
| 27 | 07660333058 | Quthing | 184 000 |
| 28 | 07670433019 | Quthing | 184 000 |
| 29 | 05520512031 | Mafeteng | 184 000 |
| 30 | 02090423038 | Leribe | 365 600 |
| 31 | 07660333039 | Quthing | 365 600 |
| 32 | 02120713012 | Leribe | 365 600 |
| 33 | 08700233045 | Qacha's Nek | 545 600 |
| 34 | 10740333061 | Thaba-tseka | 364 000 |
| 35 | 03260713007 | Berea | 364 000 |
| 36 | 05490213011 | Mafeteng | 364 000 |
| 37 | 07660343009 | Quthing | 364 000 |
| 38 | 10750433047 | Thaba-tseka | 361 600 |
| 39 | 02160913073 | Leribe | 361 600 |
| 40 | 02160913086 | Leribe | 361 600 |
| 41 | 02100513026 | Leribe | 406 000 |
| 42 | 02100523044 | Leribe | 406 000 |
| 43 | 04380113079 | Maseru | 406 000 |
| 44 | 01030333056 | Botha-Bothe | 226 600 |
| 45 | 01030333057 | Botha-Bothe | 226 600 |
| 46 | 01040413032 | Botha-Bothe | 226 600 |

| Year 12 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 03190123011 | - | 226 600 |
| 48 | 03190123040 | - | 226 600 |
| 49 | 03220413001 | Berea | 226 600 |
| 50 | 03250612032 | Berea | 226 600 |
| 51 | 04390213001 | Maseru | 226 600 |
| 52 | 04400323060 | Maseru | 226 600 |
| 53 | 04460923023 | Maseru | 226 600 |
| 54 | 05530811040 | Mafeteng | 226 600 |
| 55 | 06600413006 | Mohale's Hoek | 226 600 |
| 56 | 06620643018 | Mohale's Hoek | 226 600 |
| 57 | 07660333033 | Quthing | 226 600 |
| 58 | 08690133046 | Quthing | 226 600 |
| 59 | 10750433006 | Thaba-tseka | 226 600 |
| 60 | 04390223018 | Maseru | 226 600 |
| 61 | 04400332024 | Maseru | 226 600 |
| 62 | 04420513080 | - | 226 600 |
| 63 | 06610523031 | Mohale's Hoek | 226 600 |
| 64 | 07670433036 | Quthing | 226 600 |
| 65 | 09770133012 | Mokhotlong | 226 600 |
| 66 | 02060133062 | Leribe | 226 600 |
| 67 | 02090413012 | Leribe | 226 600 |
| 68 | 02171013051 | - | 226 600 |
| 69 | 04380113003 | Maseru | 226 600 |

| Year 12 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 04410423088 | - | 226 600 |
| 71 | 03220413023 | Berea | 402 000 |
| 72 | 02100523037 | Leribe | 402 000 |
| 73 | 10740631016 | Thaba-tseka | 402 000 |
| 74 | 01010113026 | - | 222 000 |
| 75 | 03200212042 | Berea | 222 000 |
| 76 | 03220423039 | - | 222 000 |
| 77 | 03250613007 | Berea | 222 000 |
| 78 | 03250613020 | Berea | 222 000 |
| 79 | 05510413028 | Mafeteng | 222 000 |
| 80 | 06570811049 | Mohale's Hoek | 222 000 |
| 81 | 06590343044 | - | 222 000 |
| 82 | 06630743063 | Mohale's Hoek | 222 000 |
| 83 | 10730233003 | Thaba-Tseka | 222 000 |
| 84 | 10750433028 | Thaba-tseka | 222 000 |
| 85 | 10750433043 | Thaba-tseka | 222 000 |
| 86 | 10750433058 | Thaba-tseka | 222 000 |
| 87 | 10760543008 | Thaba-tseka | 222 000 |
| 88 | 04390223015 | Maseru | 222 000 |
| 89 | 08700233052 | Qacha's Nek | 222 000 |
| 90 | 10750433002 | Thaba-tseka | 222 000 |
| 91 | 01010123046 | Botha-Bothe | 222 000 |
| 92 | 02120713030 | Leribe | 222 000 |

| Year 12 | | | |
|------------------------------------|-------------|-------------------------|-------------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 93 | 03260713004 | Berea | 222 000 |
| 94 | 05530613056 | Mafeteng | 222 000 |
| 95 | 02090423035 | Leribe | 222 000 |
| 96 | 09780233069 | Mokhotlong | 222 000 |
| 97 | 01030333039 | Botha-Bothe | 399 800 |
| TOTAL INVESTMENT - YEAR 12: | | | 25 515 800 |

| Year 13 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 08710333036 | Qacha's Nek | 399 800 |
| 2 | 10760533049 | Thaba-tseka | 399 800 |
| 3 | 04390213030 | Maseru | 397 400 |
| 4 | 10760543033 | Thaba-tseka | 397 400 |
| 5 | 01040413016 | Botha-Bothe | 437 800 |
| 6 | 01040423041 | Botha-Bothe | 435 400 |
| 7 | 02060133004 | Leribe | 220 400 |
| 8 | 03190133057 | - | 220 400 |
| 9 | 03250613005 | Berea | 220 400 |
| 10 | 03250613016 | Berea | 220 400 |
| 11 | 05500323053 | - | 220 400 |
| 12 | 05520523010 | Mafeteng | 220 400 |
| 13 | 05530613008 | Mafeteng | 220 400 |
| 14 | 10730233001 | Thaba-Tseka | 220 400 |
| 15 | 02060133017 | Leribe | 220 400 |
| 16 | 04400333032 | Maseru | 220 400 |
| 17 | 06610523009 | Mohale's Hoek | 220 400 |
| 18 | 10750433011 | Thaba-tseka | 220 400 |
| 19 | 02141211001 | Leribe | 220 400 |
| 20 | 04311111027 | Maseru | 220 400 |
| 21 | 05520512024 | Mafeteng | 220 400 |
| 22 | 05530613053 | Mafeteng | 220 400 |
| 23 | 07670433028 | Quthing | 220 400 |

| Year 13 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 07670442057 | Quthing | 220 400 |
| 25 | 03220423036 | - | 361 600 |
| 26 | 03250613009 | Berea | 361 600 |
| 27 | 02131211015 | Leribe | 361 600 |
| 28 | 01020223020 | Botha-Bothe | 361 600 |
| 29 | 02171013034 | - | 361 600 |
| 30 | 03210323058 | - | 218 000 |
| 31 | 03220413015 | Berea | 218 000 |
| 32 | 04390213028 | Maseru | 218 000 |
| 33 | 04410413001 | Maseru | 218 000 |
| 34 | 04460923041 | Maseru | 218 000 |
| 35 | 04471022009 | Maseru | 218 000 |
| 36 | 05480113036 | Mafeteng | 218 000 |
| 37 | 05540713008 | Mafeteng | 218 000 |
| 38 | 08710333031 | Qacha's Nek | 218 000 |
| 39 | 09780233040 | Mokhotlong | 218 000 |
| 40 | 10720133020 | Thaba-Tseka | 218 000 |
| 41 | 10720133057 | Thaba-Tseka | 218 000 |
| 42 | 10750433065 | Thaba-tseka | 218 000 |
| 43 | 06620633022 | Mohale's Hoek | 218 000 |
| 44 | 08690133068 | Qacha's Nek | 218 000 |
| 45 | 09800433024 | Mokhotlong | 218 000 |
| 46 | 04410412036 | Maseru | 218 000 |

| Year 13 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 05540713018 | Mafeteng | 218 000 |
| 48 | 05540713060 | Mafeteng | 218 000 |
| 49 | 06610523033 | Mohale's Hoek | 218 000 |
| 50 | 07660333056 | Quthing | 218 000 |
| 51 | 04380113082 | Maseru | 218 000 |
| 52 | 07660343013 | Quthing | 359 400 |
| 53 | 10750433046 | Thaba-tseka | 359 400 |
| 54 | 02140813043 | Leribe | 357 000 |
| 55 | 04380113002 | Maseru | 357 000 |
| 56 | 01040413012 | Botha-Bothe | 357 000 |
| 57 | 03270813048 | Berea | 572 800 |
| 58 | 10720133003 | Thaba-Tseka | 397 400 |
| 59 | 01040413020 | Botha-Bothe | 397 400 |
| 60 | 04450813019 | Maseru | 397 400 |
| 61 | 04420513053 | - | 397 400 |
| 62 | 07660333057 | Quthing | 397 400 |
| 63 | 04460923034 | Maseru | 392 800 |
| 64 | 02070223017 | Leribe | 392 800 |
| 65 | 08710333050 | Qacha's Nek | 392 800 |
| 66 | 10760533023 | Thaba-tseka | 392 800 |
| 67 | 01030333053 | Botha-Bothe | 184 000 |
| 68 | 02100513002 | Leribe | 184 000 |
| 69 | 04400333011 | Maseru | 184 000 |

| Year 13 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 04450823067 | Maseru | 184 000 |
| 71 | 04460913001 | Maseru | 184 000 |
| 72 | 04460923057 | Maseru | 184 000 |
| 73 | 04471023002 | Maseru | 184 000 |
| 74 | 05500313012 | Mafeteng | 184 000 |
| 75 | 09790333044 | Mokhotlong | 184 000 |
| 76 | 09790333061 | Mokhotlong | 184 000 |
| 77 | 10720133023 | Thaba-Tseka | 184 000 |
| 78 | 10750433007 | Thaba-tseka | 184 000 |
| 79 | 10750433033 | Thaba-tseka | 184 000 |
| 80 | 10760543001 | Thaba-tseka | 184 000 |
| 81 | 06560113021 | Mohale's Hoek | 184 000 |
| 82 | 06620633002 | Mohale's Hoek | 184 000 |
| 83 | 06630733017 | Mohale's Hoek | 184 000 |
| 84 | 08710333021 | Qacha's Nek | 184 000 |
| 85 | 08710333043 | Qacha's Nek | 184 000 |
| 86 | 09780233054 | Mokhotlong | 184 000 |
| 87 | 04410412037 | Maseru | 184 000 |
| 88 | 07670433032 | Quthing | 184 000 |
| 89 | 09790333067 | Mokhotlong | 184 000 |
| 90 | 02100513010 | Leribe | 181 600 |
| 91 | 03190123039 | - | 181 600 |
| 92 | 03210313057 | Berea | 181 600 |

| Year 13 | | | |
|------------------------------------|-------------|-------------------------|-------------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 93 | 03220423043 | - | 181 600 |
| 94 | 05510413044 | Mafeteng | 181 600 |
| 95 | 05510423022 | Mafeteng | 181 600 |
| 96 | 06600443041 | - | 181 600 |
| 97 | 06610522017 | Mohale's Hoek | 181 600 |
| 98 | 07680533021 | - | 181 600 |
| 99 | 07680533028 | - | 181 600 |
| 100 | 09790531001 | Mokhotlong | 181 600 |
| 101 | 10730233042 | Thaba-Tseka | 181 600 |
| 102 | 03230512016 | Berea | 181 600 |
| 103 | 04371111013 | Maseru | 181 600 |
| TOTAL INVESTMENT - YEAR 13: | | | 25 734 000 |

| Year 14 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 04410423086 | - | 181 600 |
| 2 | 02080323039 | Leribe | 395 800 |
| 3 | 07680533023 | Quthing | 568 200 |
| 4 | 02080323043 | Leribe | 217 400 |
| 5 | 03190123006 | - | 217 400 |
| 6 | 04400332019 | Maseru | 217 400 |
| 7 | 04471231065 | - | 217 400 |
| 8 | 05490213035 | Mafeteng | 217 400 |
| 9 | 05540713062 | Mafeteng | 217 400 |
| 10 | 06620633016 | Mohale's Hoek | 217 400 |
| 11 | 06630743058 | Mohale's Hoek | 217 400 |
| 12 | 09780233050 | Mokhotlong | 217 400 |
| 13 | 10740343071 | - | 217 400 |
| 14 | 10760533055 | Thaba-tseka | 217 400 |
| 15 | 04400323042 | Maseru | 217 400 |
| 16 | 06610523034 | Mohale's Hoek | 217 400 |
| 17 | 10760533054 | Thaba-tseka | 217 400 |
| 18 | 02070223005 | Leribe | 217 400 |
| 19 | 09770133057 | Mokhotlong | 217 400 |
| 20 | 03220413032 | Berea | 352 400 |
| 21 | 04390213034 | Maseru | 352 400 |
| 22 | 02171013032 | - | 352 400 |
| 23 | 02171013040 | - | 352 400 |

| Year 14 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 02070223042 | Leribe | 180 000 |
| 25 | 03190123012 | - | 180 000 |
| 26 | 03200213054 | Berea | 180 000 |
| 27 | 03230513054 | Berea | 180 000 |
| 28 | 03250613018 | Berea | 180 000 |
| 29 | 04400323054 | Maseru | 180 000 |
| 30 | 05490213033 | Mafeteng | 180 000 |
| 31 | 06600443038 | - | 180 000 |
| 32 | 06630743062 | Mohale's Hoek | 180 000 |
| 33 | 09800433050 | Mokhotlong | 180 000 |
| 34 | 10720133024 | Thaba-Tseka | 180 000 |
| 35 | 01030333051 | Botha-Bothe | 180 000 |
| 36 | 04471033026 | - | 180 000 |
| 37 | 07660333048 | Quthing | 180 000 |
| 38 | 08690143063 | Quthing | 180 000 |
| 39 | 10720132049 | Thaba-Tseka | 180 000 |
| 40 | 01050511009 | Botha-Bothe | 180 000 |
| 41 | 02060133007 | Leribe | 180 000 |
| 42 | 02131211090 | Leribe | 180 000 |
| 43 | 07640641020 | Quthing | 180 000 |
| 44 | 06560113029 | Mohale's Hoek | 180 000 |
| 45 | 03270813035 | Berea | 527 800 |
| 46 | 10760533034 | Thaba-tseka | 392 800 |

| Year 14 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 03210313053 | Berea | 392 800 |
| 48 | 04460923021 | Maseru | 355 400 |
| 49 | 10760533057 | Thaba-tseka | 355 400 |
| 50 | 03250623043 | Berea | 350 800 |
| 51 | 01010123043 | Botha-Bothe | 175 400 |
| 52 | 02060133031 | Leribe | 175 400 |
| 53 | 04400323051 | Maseru | 175 400 |
| 54 | 06610523037 | Mohale's Hoek | 175 400 |
| 55 | 06610523040 | Mohale's Hoek | 175 400 |
| 56 | 08690133075 | Qacha's Nek | 175 400 |
| 57 | 08690133077 | Qacha's Nek | 175 400 |
| 58 | 10760533025 | Thaba-tseka | 175 400 |
| 59 | 01020223048 | Botha-Bothe | 350 800 |
| 60 | 02060133030 | Leribe | 175 400 |
| 61 | 04400323078 | Maseru | 175 400 |
| 62 | 02090413011 | Leribe | 175 400 |
| 63 | 02151311055 | Leribe | 175 400 |
| 64 | 04471231062 | - | 175 400 |
| 65 | 05490213001 | Mafeteng | 175 400 |
| 66 | 05490213014 | Mafeteng | 175 400 |
| 67 | 07680532042 | Quthing | 175 400 |
| 68 | 09790531002 | Mokhotlong | 175 400 |
| 69 | 03220413017 | Berea | 391 200 |

| Year 14 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 04390213005 | Maseru | 391 200 |
| 71 | 03270813036 | Berea | 388 800 |
| 72 | 10720132041 | Thaba-Tseka | 388 800 |
| 73 | 09780233066 | Mokhotlong | 388 800 |
| 74 | 01030333046 | Botha-Bothe | 215 800 |
| 75 | 02080313026 | Leribe | 215 800 |
| 76 | 02100523019 | Leribe | 215 800 |
| 77 | 02140813044 | Leribe | 215 800 |
| 78 | 02171013021 | - | 215 800 |
| 79 | 02171013028 | - | 215 800 |
| 80 | 03200212039 | Berea | 215 800 |
| 81 | 03220413008 | Berea | 215 800 |
| 82 | 03250623044 | Berea | 215 800 |
| 83 | 04420513061 | - | 215 800 |
| 84 | 04471033029 | - | 215 800 |
| 85 | 05510423025 | Mafeteng | 215 800 |
| 86 | 07640143039 | Quthing | 215 800 |
| 87 | 08700243043 | Qacha's Nek | 215 800 |
| 88 | 10730233030 | Thaba-Tseka | 215 800 |
| 89 | 10750433031 | Thaba-tseka | 215 800 |
| 90 | 10750433055 | Thaba-tseka | 215 800 |
| 91 | 07650243066 | Quthing | 215 800 |
| 92 | 09800433040 | Mokhotlong | 215 800 |

| Year 14 | | | |
|------------------------------------|-------------|-------------------------|-------------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 93 | 02100513009 | Leribe | 215 800 |
| 94 | 05490213005 | Mafeteng | 215 800 |
| 95 | 02070213009 | Leribe | 215 800 |
| 96 | 04410423087 | - | 215 800 |
| 97 | 09790531007 | Mokhotlong | 215 800 |
| 98 | 07660333036 | Quthing | 386 600 |
| 99 | 01030333054 | Botha-Bothe | 386 600 |
| 100 | 01040413038 | Botha-Bothe | 386 600 |
| 101 | 02070223003 | Leribe | 386 600 |
| 102 | 03190123048 | - | 213 400 |
| 103 | 03230513053 | Berea | 213 400 |
| 104 | 03250613021 | Berea | 213 400 |
| 105 | 04390213007 | Maseru | 213 400 |
| 106 | 04400323077 | Maseru | 213 400 |
| 107 | 04420513084 | - | 213 400 |
| TOTAL INVESTMENT - YEAR 14: | | | 25 476 000 |

| Year 15 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 05490212030 | Mafeteng | 213 400 |
| 2 | 05500323039 | - | 213 400 |
| 3 | 07660333038 | Quthing | 213 400 |
| 4 | 08690143062 | Quthing | 213 400 |
| 5 | 09790333063 | Mokhotlong | 213 400 |
| 6 | 10720133059 | Thaba-Tseka | 213 400 |
| 7 | 04471033050 | - | 213 400 |
| 8 | 04471033054 | - | 213 400 |
| 9 | 05510423007 | Mafeteng | 213 400 |
| 10 | 02060133045 | Leribe | 213 400 |
| 11 | 02080313012 | Leribe | 213 400 |
| 12 | 02100513027 | Leribe | 213 400 |
| 13 | 03241011083 | Berea | 213 400 |
| 14 | 04380113064 | Maseru | 213 400 |
| 15 | 04381111038 | Maseru | 213 400 |
| 16 | 05530613052 | Mafeteng | 213 400 |
| 17 | 06570811010 | Mohale's Hoek | 213 400 |
| 18 | 01020213007 | Botha-Bothe | 314 400 |
| 19 | 02100523039 | Leribe | 314 400 |
| 20 | 10760533059 | Thaba-tseka | 314 400 |
| 21 | 08710333028 | Qacha's Nek | 314 400 |
| 22 | 10750433059 | Thaba-tseka | 314 400 |
| 23 | 01020223023 | Botha-Bothe | 314 400 |

| Year 15 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 02171013048 | - | 314 400 |
| 25 | 02060133037 | Leribe | 312 800 |
| 26 | 03260713018 | Berea | 312 800 |
| 27 | 04460923039 | Maseru | 312 800 |
| 28 | 02070213011 | Leribe | 312 800 |
| 29 | 02070213012 | Leribe | 312 800 |
| 30 | 03200212041 | Berea | 312 800 |
| 31 | 06570213064 | Mohale's Hoek | 312 800 |
| 32 | 02080313025 | Leribe | 310 400 |
| 33 | 03270813053 | Berea | 310 400 |
| 34 | 04390213024 | Maseru | 310 400 |
| 35 | 04450813065 | Maseru | 310 400 |
| 36 | 07650641004 | Quthing | 310 400 |
| 37 | 07680533048 | Quthing | 310 400 |
| 38 | 07650641001 | Quthing | 350 800 |
| 39 | 01020223049 | Botha-Bothe | 350 800 |
| 40 | 10720133019 | Thaba-Tseka | 350 800 |
| 41 | 10750433036 | Thaba-tseka | 350 800 |
| 42 | 05500313006 | Mafeteng | 350 800 |
| 43 | 05500313014 | Mafeteng | 350 800 |
| 44 | 04460923008 | Maseru | 348 400 |
| 45 | 02090413022 | Leribe | 348 400 |
| 46 | 06590343033 | - | 348 400 |

| Year 15 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 08700243021 | Qacha's Nek | 386 600 |
| 48 | 07680533024 | Quthing | 346 200 |
| 49 | 02070223032 | Leribe | 346 200 |
| 50 | 04380113059 | Maseru | 346 200 |
| 51 | 02070223035 | Leribe | 384 200 |
| 52 | 02171013024 | - | 384 200 |
| 53 | 03200213004 | Berea | 382 600 |
| 54 | 03220413016 | Berea | 382 600 |
| 55 | 10720133029 | Thaba-Tseka | 382 600 |
| 56 | 02120713037 | Leribe | 382 600 |
| 57 | 02100513013 | Leribe | 342 200 |
| 58 | 03200213009 | Berea | 342 200 |
| 59 | 03200222051 | Berea | 342 200 |
| 60 | 03260713037 | Berea | 342 200 |
| 61 | 04390213004 | Maseru | 342 200 |
| 62 | 04410413004 | Maseru | 342 200 |
| 63 | 05520513005 | Mafeteng | 342 200 |
| 64 | 06620633031 | Mohale's Hoek | 342 200 |
| 65 | 08690133078 | Qacha's Nek | 342 200 |
| 66 | 01020223022 | Botha-Bothe | 342 200 |
| 67 | 01040413023 | Botha-Bothe | 342 200 |
| 68 | 07670433022 | Quthing | 342 200 |
| 69 | 07660343002 | Quthing | 342 200 |

| Year 15 | | | |
|------------------------------------|-------------|----------------------------|-------------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 01010123004 | Botha-Bothe | 180 000 |
| 71 | 02110613006 | Leribe | 180 000 |
| 72 | 03190123019 | - | 180 000 |
| 73 | 03190123050 | - | 180 000 |
| 74 | 04390213013 | Maseru | 180 000 |
| 75 | 04471022007 | Maseru | 180 000 |
| 76 | 05520523021 | Mafeteng | 180 000 |
| 77 | 06600443036 | - | 180 000 |
| 78 | 06620633038 | Mohale's Hoek | 180 000 |
| 79 | 06630733030 | Mohale's Hoek | 180 000 |
| 80 | 07660333021 | Quthing | 180 000 |
| 81 | 10740343066 | - | 180 000 |
| 82 | 10740343076 | - | 180 000 |
| 83 | 10760542014 | Thaba-tseka | 180 000 |
| 84 | 07640133040 | Quthing | 180 000 |
| 85 | 07640143035 | Quthing | 180 000 |
| 86 | 02160913074 | Leribe | 180 000 |
| 87 | 04410413073 | Maseru | 180 000 |
| 88 | 06590343019 | - | 180 000 |
| 89 | 04440713002 | Maseru | 513 000 |
| 90 | 01030333036 | Botha-Bothe | 213 400 |
| 91 | 02100523040 | Leribe | 213 400 |
| TOTAL INVESTMENT - YEAR 15: | | | 25 563 000 |

| Year 16 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 03250623053 | Berea | 213 400 |
| 2 | 05500313020 | Mafeteng | 213 400 |
| 3 | 06590343039 | - | 213 400 |
| 4 | 06600413007 | Mohale's Hoek | 213 400 |
| 5 | 06620633024 | Mohale's Hoek | 213 400 |
| 6 | 09790333055 | Mokhotlong | 213 400 |
| 7 | 09790333059 | Mokhotlong | 213 400 |
| 8 | 10750432073 | Thaba-tseka | 213 400 |
| 9 | 10750433061 | Thaba-tseka | 213 400 |
| 10 | 06620633021 | Mohale's Hoek | 213 400 |
| 11 | 07650641032 | Quthing | 213 400 |
| 12 | 10730233032 | Thaba-Tseka | 213 400 |
| 13 | 02141211020 | Leribe | 213 400 |
| 14 | 03190123034 | - | 213 400 |
| 15 | 04390213051 | Maseru | 213 400 |
| 16 | 04410413074 | Maseru | 213 400 |
| 17 | 04420513075 | - | 213 400 |
| 18 | 04450813008 | Maseru | 213 400 |
| 19 | 04450813054 | Maseru | 213 400 |
| 20 | 05530811013 | Mafeteng | 213 400 |
| 21 | 07640641002 | Quthing | 213 400 |
| 22 | 01050511017 | Botha-Bothe | 213 400 |
| 23 | 01050511088 | Botha-Bothe | 213 400 |

| Year 16 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 04440713042 | Maseru | 213 400 |
| 25 | 06590343031 | - | 213 400 |
| 26 | 03190123014 | - | 175 400 |
| 27 | 03190133055 | - | 175 400 |
| 28 | 03230512026 | Berea | 175 400 |
| 29 | 03250612031 | Berea | 175 400 |
| 30 | 03260713023 | Berea | 175 400 |
| 31 | 04400333031 | Maseru | 175 400 |
| 32 | 04420512036 | Maseru | 175 400 |
| 33 | 04460923025 | Maseru | 175 400 |
| 34 | 04460923036 | Maseru | 175 400 |
| 35 | 04471033024 | - | 175 400 |
| 36 | 04471033039 | - | 175 400 |
| 37 | 04471231061 | - | 175 400 |
| 38 | 05510423053 | Mafeteng | 175 400 |
| 39 | 06610513049 | Mohale's Hoek | 175 400 |
| 40 | 06620643061 | Mohale's Hoek | 175 400 |
| 41 | 06630733023 | Mohale's Hoek | 175 400 |
| 42 | 07660343007 | Quthing | 175 400 |
| 43 | 09780233033 | Mokhotlong | 175 400 |
| 44 | 09790333069 | Mokhotlong | 175 400 |
| 45 | 10720133055 | Thaba-Tseka | 175 400 |
| 46 | 02060133032 | Leribe | 175 400 |

| Year 16 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 04400323047 | Maseru | 175 400 |
| 25 | 06630743064 | Mohale's Hoek | 175 400 |
| 26 | 07640133049 | Quthing | 175 400 |
| 27 | 02060133063 | Leribe | 175 400 |
| 28 | 02171013050 | - | 175 400 |
| 29 | 03200212011 | Berea | 175 400 |
| 30 | 03210313049 | Berea | 175 400 |
| 31 | 04420513059 | - | 175 400 |
| 32 | 05520512030 | Mafeteng | 175 400 |
| 33 | 06610523028 | Mohale's Hoek | 175 400 |
| 34 | 07640143029 | Quthing | 175 400 |
| 35 | 07640641019 | Quthing | 175 400 |
| 36 | 07670442055 | Quthing | 175 400 |
| 37 | 04430613058 | Maseru | 175 400 |
| 38 | 02100513035 | Leribe | 310 400 |
| 39 | 02181113017 | Leribe | 310 400 |
| 40 | 03260713055 | Berea | 310 400 |
| 41 | 04460923054 | Maseru | 310 400 |
| 42 | 06630733032 | Mohale's Hoek | 310 400 |
| 43 | 10730233035 | Thaba-Tseka | 310 400 |
| 44 | 10750433063 | Thaba-tseka | 310 400 |
| 45 | 07680533049 | Quthing | 310 400 |
| 46 | 10730233041 | Thaba-Tseka | 310 400 |

| Year 16 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 07660343011 | Quthing | 310 400 |
| 71 | 02110613001 | Leribe | 211 200 |
| 72 | 03190123036 | - | 211 200 |
| 73 | 03200213056 | Berea | 211 200 |
| 74 | 03200222050 | Berea | 211 200 |
| 75 | 05510413047 | Mafeteng | 211 200 |
| 76 | 06590343022 | - | 211 200 |
| 77 | 06630733011 | Mohale's Hoek | 211 200 |
| 78 | 09790333047 | Mokhotlong | 211 200 |
| 79 | 10750433015 | Thaba-tseka | 211 200 |
| 80 | 04460923040 | Maseru | 211 200 |
| 81 | 04471033035 | - | 211 200 |
| 82 | 07660333034 | Quthing | 211 200 |
| 83 | 01030313003 | Botha-Bothe | 211 200 |
| 84 | 07670433020 | Quthing | 211 200 |
| 85 | 07670433033 | Quthing | 211 200 |
| 86 | 07640641001 | Quthing | 211 200 |
| 87 | 09780233060 | Mokhotlong | 211 200 |
| 88 | 02100513016 | Leribe | 346 200 |
| 89 | 03270813047 | Berea | 346 200 |
| 90 | 01030333058 | Botha-Bothe | 346 200 |
| 91 | 08700233050 | Qacha's Nek | 346 200 |
| 92 | 02140813032 | Leribe | 346 200 |

| Year 16 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 93 | 03210313024 | Berea | 346 200 |
| 94 | 07670432025 | Quthing | 346 200 |
| 95 | 05490213012 | Mafeteng | 346 200 |
| 96 | 03260713049 | Berea | 208 800 |
| 97 | 06560113023 | Mohale's Hoek | 208 800 |
| 98 | 06590313015 | Mohale's Hoek | 208 800 |
| 99 | 06590343036 | - | 208 800 |
| 100 | 06600443042 | - | 208 800 |
| 101 | 07650233063 | Quthing | 208 800 |
| 102 | 09780233051 | Mokhotlong | 208 800 |
| 103 | 10740343068 | - | 208 800 |
| 104 | 10740343074 | - | 208 800 |
| 105 | 04390223063 | Maseru | 208 800 |
| 106 | 06630743026 | Mohale's Hoek | 208 800 |
| 107 | 06630743045 | Mohale's Hoek | 208 800 |
| 108 | 09800433011 | Mokhotlong | 208 800 |
| 109 | 01030323029 | Botha-Bothe | 208 800 |
| 110 | 02151311006 | Leribe | 208 800 |
| 111 | 02151311008 | Leribe | 208 800 |
| 112 | 02171013030 | - | 208 800 |
| 113 | 03190123007 | - | 208 800 |
| 114 | 04420513069 | - | 208 800 |
| 115 | 07640641026 | Quthing | 208 800 |

| Year 16 | | | |
|------------------------------------|-------------|-------------------------|-------------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 116 | 03260713010 | Berea | 208 800 |
| TOTAL INVESTMENT - YEAR 16: | | | 25 322 800 |

| Year 17 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 02080323046 | Leribe | 305 800 |
| 2 | 02181113013 | Leribe | 305 800 |
| 3 | 04471033040 | - | 305 800 |
| 4 | 05520513046 | Mafeteng | 305 800 |
| 5 | 10750433009 | Thaba-tseka | 305 800 |
| 6 | 10750433013 | Thaba-tseka | 305 800 |
| 7 | 10750433056 | Thaba-tseka | 305 800 |
| 8 | 09780233071 | Mokhotlong | 305 800 |
| 9 | 10760533035 | Thaba-tseka | 305 800 |
| 10 | 02131211008 | Leribe | 305 800 |
| 11 | 02131211025 | Leribe | 305 800 |
| 12 | 02151311014 | Leribe | 305 800 |
| 13 | 06590343032 | - | 305 800 |
| 14 | 09780233061 | Mokhotlong | 305 800 |
| 15 | 03220413021 | Berea | 308 800 |
| 16 | 03220423038 | - | 308 800 |
| 17 | 06600443022 | - | 308 800 |
| 18 | 09800433051 | Mokhotlong | 308 800 |
| 19 | 10740333063 | Thaba-tseka | 308 800 |
| 20 | 02060133042 | Leribe | 308 800 |
| 21 | 06630733034 | Mohale's Hoek | 308 800 |
| 22 | 10730233049 | Thaba-Tseka | 308 800 |
| 23 | 10750433032 | Thaba-tseka | 308 800 |

| Year 17 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 02070213013 | Leribe | 308 800 |
| 25 | 02100513017 | Leribe | 308 800 |
| 26 | 03260713060 | Berea | 342 200 |
| 27 | 04400333041 | Maseru | 342 200 |
| 28 | 07660333040 | Quthing | 342 200 |
| 29 | 01030323024 | Botha-Bothe | 342 200 |
| 30 | 02070213010 | Leribe | 342 200 |
| 31 | 03250612035 | Berea | 337 600 |
| 32 | 03250613025 | Berea | 337 600 |
| 33 | 04471033052 | - | 337 600 |
| 34 | 03190123033 | - | 337 600 |
| 35 | 10730233013 | Thaba-Tseka | 337 600 |
| 36 | 10750433034 | Thaba-tseka | 337 600 |
| 37 | 02160913087 | Leribe | 337 600 |
| 38 | 04450813018 | Maseru | 337 600 |
| 39 | 02060133003 | Leribe | 207 200 |
| 40 | 02090413027 | Leribe | 207 200 |
| 41 | 02110613028 | Leribe | 207 200 |
| 42 | 02171013018 | - | 207 200 |
| 43 | 03210313046 | Berea | 207 200 |
| 44 | 03250623048 | Berea | 207 200 |
| 45 | 03260713063 | Berea | 207 200 |
| 46 | 04400323085 | Maseru | 207 200 |

| Year 17 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 04420513082 | - | 207 200 |
| 25 | 04440713003 | Maseru | 207 200 |
| 26 | 04460923046 | Maseru | 207 200 |
| 27 | 04460923058 | Maseru | 207 200 |
| 28 | 05510423068 | Mafeteng | 207 200 |
| 29 | 05520523007 | Mafeteng | 207 200 |
| 30 | 06600413001 | Mohale's Hoek | 207 200 |
| 31 | 09780233034 | Mokhotlong | 207 200 |
| 32 | 09780233047 | Mokhotlong | 207 200 |
| 33 | 10730233039 | Thaba-Tseka | 207 200 |
| 34 | 06620633005 | Mohale's Hoek | 207 200 |
| 35 | 07650641029 | Quthing | 207 200 |
| 36 | 08710333041 | Qacha's Nek | 207 200 |
| 37 | 02151311016 | Leribe | 207 200 |
| 38 | 03200212045 | Berea | 207 200 |
| 39 | 03291111075 | Berea | 207 200 |
| 40 | 02090413013 | Leribe | 171 400 |
| 41 | 02110613031 | Leribe | 171 400 |
| 42 | 03190123013 | - | 171 400 |
| 43 | 03230513041 | Berea | 171 400 |
| 44 | 06560113019 | Mohale's Hoek | 171 400 |
| 45 | 06570811001 | Mohale's Hoek | 171 400 |
| 46 | 06630733038 | Mohale's Hoek | 171 400 |

| Year 17 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 07660333049 | Quthing | 171 400 |
| 71 | 07680543018 | Quthing | 171 400 |
| 72 | 10730233021 | Thaba-Tseka | 171 400 |
| 73 | 04410423085 | - | 171 400 |
| 74 | 04471023013 | Maseru | 171 400 |
| 75 | 03210313012 | Berea | 171 400 |
| 76 | 03241011086 | Berea | 171 400 |
| 77 | 04450813012 | Maseru | 171 400 |
| 78 | 06590313005 | Mohale's Hoek | 171 400 |
| 79 | 07640641007 | Quthing | 171 400 |
| 80 | 01040413035 | Botha-Bothe | 341 600 |
| 81 | 02110613010 | Leribe | 341 600 |
| 82 | 03190123017 | - | 341 600 |
| 83 | 10750433050 | Thaba-tseka | 341 600 |
| 84 | 10750433069 | Thaba-tseka | 341 600 |
| 85 | 01040413002 | Botha-Bothe | 341 600 |
| 86 | 02060133015 | Leribe | 305 800 |
| 87 | 03220423041 | - | 305 800 |
| 88 | 06600443029 | - | 305 800 |
| 89 | 10730233011 | Thaba-Tseka | 305 800 |
| 90 | 10740631028 | Thaba-tseka | 305 800 |
| 91 | 10750433024 | Thaba-tseka | 305 800 |
| 92 | 06570213063 | Mohale's Hoek | 305 800 |

| Year 17 | | | |
|------------------------------------|-------------|-------------------------|-------------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 93 | 06560113001 | Mohale's Hoek | 305 800 |
| 94 | 02171013049 | - | 337 600 |
| 95 | 04410413082 | Maseru | 337 600 |
| 96 | 05500323045 | - | 337 600 |
| TOTAL INVESTMENT - YEAR 17: | | | 25 485 200 |

| Year 18 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 10700233001 | Qacha's Nek | 337 600 |
| 2 | 10720133008 | Thaba-Tseka | 337 600 |
| 3 | 10740333053 | Thaba-tseka | 337 600 |
| 4 | 01040413011 | Botha-Bothe | 337 600 |
| 5 | 02060133066 | Leribe | 337 600 |
| 6 | 04430613052 | Maseru | 337 600 |
| 7 | 02100513006 | Leribe | 337 600 |
| 8 | 01040413034 | Botha-Bothe | 304 200 |
| 9 | 01040413036 | Botha-Bothe | 304 200 |
| 10 | 02070223018 | Leribe | 304 200 |
| 11 | 02080313023 | Leribe | 304 200 |
| 12 | 03220413028 | Berea | 304 200 |
| 13 | 03250612036 | Berea | 304 200 |
| 14 | 04420513085 | - | 304 200 |
| 15 | 04440713021 | Maseru | 304 200 |
| 16 | 05500323043 | - | 304 200 |
| 17 | 08690133065 | Qacha's Nek | 304 200 |
| 18 | 10750433041 | Thaba-tseka | 304 200 |
| 19 | 10760533061 | Thaba-tseka | 304 200 |
| 20 | 02060133040 | Leribe | 304 200 |
| 21 | 04460922031 | Maseru | 304 200 |
| 22 | 10720133028 | Thaba-Tseka | 304 200 |
| 23 | 10750432074 | Thaba-tseka | 304 200 |

| Year 18 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 02080313033 | Leribe | 304 200 |
| 25 | 04420513064 | - | 304 200 |
| 26 | 06590313011 | Mohale's Hoek | 304 200 |
| 27 | 01030323006 | Botha-Bothe | 304 200 |
| 28 | 06560113013 | Mohale's Hoek | 304 200 |
| 29 | 09780233068 | Mokhotlong | 304 200 |
| 30 | 01010123003 | Botha-Bothe | 175 400 |
| 31 | 03200212057 | Berea | 175 400 |
| 32 | 03230513043 | Berea | 175 400 |
| 33 | 04400323048 | Maseru | 175 400 |
| 34 | 04471033021 | - | 175 400 |
| 35 | 06630733016 | Mohale's Hoek | 175 400 |
| 36 | 07640133050 | Quthing | 175 400 |
| 37 | 09800433005 | Mokhotlong | 175 400 |
| 38 | 01030333055 | Botha-Bothe | 175 400 |
| 39 | 06630733037 | Mohale's Hoek | 175 400 |
| 40 | 03241011001 | Berea | 175 400 |
| 41 | 03281111048 | Berea | 175 400 |
| 42 | 04410413079 | Maseru | 175 400 |
| 43 | 05500313019 | Mafeteng | 175 400 |
| 44 | 01010123013 | Botha-Bothe | 301 800 |
| 45 | 02060133020 | Leribe | 301 800 |
| 46 | 02110613029 | Leribe | 301 800 |

| Year 18 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 02140813039 | Leribe | 301 800 |
| 48 | 03230512027 | Berea | 301 800 |
| 49 | 03260713053 | Berea | 301 800 |
| 50 | 04380113076 | Maseru | 301 800 |
| 51 | 05530613005 | Mafeteng | 301 800 |
| 52 | 09780233014 | Mokhotlong | 301 800 |
| 53 | 10720133025 | Thaba-Tseka | 301 800 |
| 54 | 10740631048 | Thaba-tseka | 301 800 |
| 55 | 02100523036 | Leribe | 301 800 |
| 56 | 08700243020 | Qacha's Nek | 301 800 |
| 57 | 02110511047 | Leribe | 301 800 |
| 58 | 02141211021 | Leribe | 301 800 |
| 59 | 04390213023 | Maseru | 301 800 |
| 60 | 02090413031 | Leribe | 333 000 |
| 61 | 02090413032 | Leribe | 333 000 |
| 62 | 03190123015 | - | 333 000 |
| 63 | 03200213031 | Berea | 333 000 |
| 64 | 03270813050 | Berea | 333 000 |
| 65 | 10740333056 | Thaba-tseka | 333 000 |
| 66 | 03210313010 | Berea | 333 000 |
| 67 | 04420513068 | - | 333 000 |
| 68 | 05530613011 | Mafeteng | 333 000 |
| 69 | 02151311018 | Leribe | 333 000 |

| Year 18 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 02171013023 | - | 299 600 |
| 71 | 05530613009 | Mafeteng | 299 600 |
| 72 | 06630733043 | Mohale's Hoek | 299 600 |
| 73 | 09790333051 | Mokhotlong | 299 600 |
| 74 | 10720133051 | Thaba-Tseka | 299 600 |
| 75 | 10750433068 | Thaba-tseka | 299 600 |
| 76 | 06630743059 | Mohale's Hoek | 299 600 |
| 77 | 10730233055 | Thaba-Tseka | 299 600 |
| 78 | 02080323042 | Leribe | 204 200 |
| 79 | 02151311003 | Leribe | 204 200 |
| 80 | 03190123054 | - | 204 200 |
| 81 | 03210313041 | Berea | 204 200 |
| 82 | 03220413002 | Berea | 204 200 |
| 83 | 03220413012 | Berea | 204 200 |
| 84 | 03250613024 | Berea | 204 200 |
| 85 | 04390213010 | Maseru | 204 200 |
| 86 | 05510423065 | Mafeteng | 204 200 |
| 87 | 05540713005 | Mafeteng | 204 200 |
| 88 | 06560113010 | Mohale's Hoek | 204 200 |
| 89 | 06620633010 | Mohale's Hoek | 204 200 |
| 90 | 06630733002 | Mohale's Hoek | 204 200 |
| 91 | 07640641012 | Quthing | 204 200 |
| 92 | 07680533027 | Quthing | 204 200 |

| Year 18 | | | |
|------------------------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 93 | 07680543012 | Quthing | 204 200 |
| 94 | 09780233043 | Mokhotlong | 204 200 |
| 95 | 10720133026 | Thaba-Tseka | 204 200 |
| TOTAL INVESTMENT - YEAR 18: | | 25 742 400 | |

| Year 19 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 10740333027 | - | 204 200 |
| 2 | 10750433004 | Thaba-tseka | 204 200 |
| 3 | 04400333003 | Maseru | 204 200 |
| 4 | 08690133079 | Qacha's Nek | 204 200 |
| 5 | 08710333033 | Qacha's Nek | 204 200 |
| 6 | 10720133056 | Thaba-Tseka | 204 200 |
| 7 | 10750433054 | Thaba-tseka | 204 200 |
| 8 | 02110613032 | Leribe | 204 200 |
| 9 | 02110613052 | Leribe | 204 200 |
| 10 | 02120713001 | Leribe | 204 200 |
| 11 | 07680533031 | - | 204 200 |
| 12 | 01030323017 | Botha-Bothe | 204 200 |
| 13 | 01030333041 | Botha-Bothe | 170 800 |
| 14 | 01050511099 | Botha-Bothe | 170 800 |
| 15 | 02060133041 | Leribe | 170 800 |
| 16 | 02181113028 | Leribe | 170 800 |
| 17 | 04400323063 | Maseru | 170 800 |
| 18 | 04400333015 | Maseru | 170 800 |
| 19 | 04471033027 | - | 170 800 |
| 20 | 05510423064 | Mafeteng | 170 800 |
| 21 | 06560113018 | Mohale's Hoek | 170 800 |
| 22 | 06580811090 | Mohale's Hoek | 170 800 |
| 23 | 06590343030 | - | 170 800 |

| Year 19 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 06600443017 | - | 170 800 |
| 25 | 06630733001 | Mohale's Hoek | 170 800 |
| 26 | 06630733031 | Mohale's Hoek | 170 800 |
| 27 | 07640143036 | Quthing | 170 800 |
| 28 | 07660333047 | Quthing | 170 800 |
| 29 | 09780233038 | Mokhotlong | 170 800 |
| 30 | 09790531042 | Mokhotlong | 170 800 |
| 31 | 10750433045 | Thaba-tseka | 170 800 |
| 32 | 04400323044 | Maseru | 170 800 |
| 33 | 04400323084 | Maseru | 170 800 |
| 34 | 04400333009 | Maseru | 170 800 |
| 35 | 04471231064 | - | 170 800 |
| 36 | 02070223028 | Leribe | 170 800 |
| 37 | 02171013031 | - | 170 800 |
| 38 | 06570811050 | Mohale's Hoek | 170 800 |
| 39 | 07680533033 | Quthing | 170 800 |
| 40 | 07670433029 | Quthing | 170 800 |
| 41 | 07680533029 | - | 170 800 |
| 42 | 03200213006 | Berea | 207 200 |
| 43 | 03250613008 | Berea | 207 200 |
| 44 | 03250613013 | Berea | 207 200 |
| 45 | 03250623041 | Berea | 207 200 |
| 46 | 04430612036 | Maseru | 207 200 |

| Year 19 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 04460923047 | Maseru | 207 200 |
| 48 | 05520523016 | Mafeteng | 207 200 |
| 49 | 06560113026 | Mohale's Hoek | 207 200 |
| 50 | 06620633036 | Mohale's Hoek | 207 200 |
| 51 | 06630733012 | Mohale's Hoek | 207 200 |
| 52 | 06630743068 | Mohale's Hoek | 207 200 |
| 53 | 07680543001 | Quthing | 207 200 |
| 54 | 08690133066 | Quthing | 207 200 |
| 55 | 10740631031 | Thaba-tseka | 207 200 |
| 56 | 04400323066 | Maseru | 207 200 |
| 57 | 04410423095 | - | 207 200 |
| 58 | 04471033025 | - | 207 200 |
| 59 | 06600443037 | - | 207 200 |
| 60 | 08690133071 | Qacha's Nek | 207 200 |
| 61 | 10760533028 | Thaba-tseka | 207 200 |
| 62 | 03210313037 | Berea | 207 200 |
| 63 | 04450812005 | Maseru | 207 200 |
| 64 | 05510423066 | Mafeteng | 337 600 |
| 65 | 10750433022 | Thaba-tseka | 337 600 |
| 66 | 02090413039 | Leribe | 337 600 |
| 67 | 05520513006 | Mafeteng | 337 600 |
| 68 | 01030333050 | Botha-Bothe | 202 600 |
| 69 | 03190123038 | - | 202 600 |

| Year 19 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 03241011087 | - | 202 600 |
| 71 | 03250613002 | Berea | 202 600 |
| 72 | 04400333037 | Maseru | 202 600 |
| 73 | 04440712033 | Maseru | 202 600 |
| 74 | 05500323046 | - | 202 600 |
| 75 | 05510423009 | Mafeteng | 202 600 |
| 76 | 08710333042 | Qacha's Nek | 202 600 |
| 77 | 09790333053 | Mokhotlong | 202 600 |
| 78 | 04400323055 | Maseru | 202 600 |
| 79 | 06620633034 | Mohale's Hoek | 202 600 |
| 80 | 07660333050 | Quthing | 202 600 |
| 81 | 10730233046 | Thaba-Tseka | 202 600 |
| 82 | 03220413019 | Berea | 333 000 |
| 83 | 03230513036 | Berea | 333 000 |
| 84 | 06560113034 | Mohale's Hoek | 333 000 |
| 85 | 07660343052 | Quthing | 333 000 |
| 86 | 10720133022 | Thaba-Tseka | 333 000 |
| 87 | 10760542009 | Thaba-tseka | 333 000 |
| 88 | 02160913085 | Leribe | 333 000 |
| 89 | 02070223044 | Leribe | 299 600 |
| 90 | 02090423037 | Leribe | 299 600 |
| 91 | 03230513035 | Berea | 299 600 |
| 92 | 04410413083 | Maseru | 299 600 |

| Year 19 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 93 | 04450813062 | Maseru | 299 600 |
| 94 | 06620643059 | Mohale's Hoek | 299 600 |
| 95 | 09800433002 | Mokhotlong | 299 600 |
| 96 | 07660333032 | Quthing | 299 600 |
| 97 | 08700233051 | Qacha's Nek | 299 600 |
| 98 | 10750433044 | Thaba-tseka | 299 600 |
| 99 | 01040413009 | Botha-Bothe | 299 600 |
| 100 | 02090413025 | Leribe | 299 600 |
| 101 | 05500313004 | Mafeteng | 299 600 |
| 102 | 06570811011 | Mohale's Hoek | 299 600 |
| 103 | 02070223006 | Leribe | 299 600 |
| 104 | 04400323070 | Maseru | 166 800 |
| 105 | 04420513066 | - | 166 800 |
| 106 | 04450813063 | Maseru | 166 800 |
| 107 | 06570811003 | Mohale's Hoek | 166 800 |
| 108 | 06590313006 | Mohale's Hoek | 166 800 |
| 109 | 06590343028 | - | 166 800 |
| 110 | 06630733013 | Mohale's Hoek | 166 800 |
| 111 | 10760543002 | Thaba-tseka | 166 800 |
| 112 | 03190123029 | - | 166 800 |
| 113 | 04400323050 | Maseru | 166 800 |
| 114 | 06630743046 | Mohale's Hoek | 166 800 |
| 115 | 02110613056 | Leribe | 166 800 |

| Year 19 | | | |
|------------------------------------|-------------|-------------------------|-------------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 116 | 07640143030 | Quthing | 166 800 |
| 117 | 06590343021 | - | 166 800 |
| TOTAL INVESTMENT - YEAR 19: | | | 25 309 000 |

| Year 20 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 1 | 03230513052 | Berea | 297 200 |
| 2 | 06600443030 | - | 297 200 |
| 3 | 06610523036 | Mohale's Hoek | 297 200 |
| 4 | 08700243015 | Qacha's Nek | 297 200 |
| 5 | 09790333070 | Mokhotlong | 297 200 |
| 6 | 10720132040 | Thaba-Tseka | 297 200 |
| 7 | 10720133005 | Thaba-Tseka | 297 200 |
| 8 | 10720133034 | Thaba-Tseka | 297 200 |
| 9 | 10760533026 | Thaba-tseka | 297 200 |
| 10 | 10760533027 | Thaba-tseka | 297 200 |
| 11 | 10760543032 | Thaba-tseka | 297 200 |
| 12 | 10760543040 | Thaba-tseka | 297 200 |
| 13 | 02060133058 | Leribe | 297 200 |
| 14 | 10730233037 | Thaba-Tseka | 297 200 |
| 15 | 10750433010 | Thaba-tseka | 297 200 |
| 16 | 04420513062 | - | 297 200 |
| 17 | 05500313002 | Mafeteng | 297 200 |
| 18 | 07660333059 | Quthing | 297 200 |
| 19 | 07660641013 | Quthing | 297 200 |
| 20 | 03210313047 | Berea | 130 400 |
| 21 | 04400323079 | Maseru | 130 400 |
| 22 | 04471033032 | - | 130 400 |
| 23 | 09780233029 | Mokhotlong | 130 400 |

| Year 20 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 24 | 10750433005 | Thaba-tseka | 130 400 |
| 25 | 02060133034 | Leribe | 130 400 |
| 26 | 04400333004 | Maseru | 130 400 |
| 27 | 04460923003 | Maseru | 130 400 |
| 28 | 07640143027 | Quthing | 130 400 |
| 29 | 03190123035 | - | 331 400 |
| 30 | 03230513001 | Berea | 331 400 |
| 31 | 04460923048 | Maseru | 331 400 |
| 32 | 05500323041 | - | 331 400 |
| 33 | 10750433038 | Thaba-tseka | 331 400 |
| 34 | 10720133036 | Thaba-Tseka | 331 400 |
| 35 | 10750433001 | Thaba-tseka | 331 400 |
| 36 | 01020213038 | Botha-Bothe | 331 400 |
| 37 | 02070223041 | Leribe | 329 000 |
| 38 | 01030333038 | Botha-Bothe | 329 000 |
| 39 | 02060133001 | Leribe | 329 000 |
| 40 | 03220423037 | - | 329 000 |
| 41 | 10740343070 | - | 329 000 |
| 42 | 02140813027 | Leribe | 329 000 |
| 43 | 03250613015 | Berea | 295 600 |
| 44 | 04420513077 | - | 295 600 |
| 45 | 04460923024 | Maseru | 295 600 |
| 46 | 10730233010 | Thaba-Tseka | 295 600 |

| Year 20 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 47 | 10730233019 | Thaba-Tseka | 295 600 |
| 48 | 10740333060 | Thaba-tseka | 295 600 |
| 49 | 05510413057 | Mafeteng | 295 600 |
| 50 | 10700233003 | Qacha's Nek | 295 600 |
| 51 | 10760533024 | Thaba-tseka | 295 600 |
| 52 | 01030313005 | Botha-Bothe | 295 600 |
| 53 | 02070213022 | Leribe | 295 600 |
| 54 | 02080313003 | Leribe | 295 600 |
| 55 | 02100513020 | Leribe | 295 600 |
| 56 | 07640143028 | Quthing | 295 600 |
| 57 | 07640641023 | Quthing | 295 600 |
| 58 | 02110613011 | Leribe | 170 800 |
| 59 | 03250623049 | Berea | 170 800 |
| 60 | 04400323049 | Maseru | 170 800 |
| 61 | 04400332016 | Maseru | 170 800 |
| 62 | 04400333038 | Maseru | 170 800 |
| 63 | 05500323049 | - | 170 800 |
| 64 | 06600443025 | - | 170 800 |
| 65 | 06610523003 | Mohale's Hoek | 170 800 |
| 66 | 06620643047 | Mohale's Hoek | 170 800 |
| 67 | 09770133056 | Mokhotlong | 170 800 |
| 68 | 10750433030 | Thaba-tseka | 170 800 |
| 69 | 10760543007 | Thaba-tseka | 170 800 |

| Year 20 | | | |
|------------------|-------------|-------------------------|----------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 70 | 04460923044 | Maseru | 170 800 |
| 71 | 10730233048 | Thaba-Tseka | 170 800 |
| 72 | 10730233050 | Thaba-Tseka | 170 800 |
| 73 | 10750433017 | Thaba-tseka | 170 800 |
| 74 | 10750433064 | Thaba-tseka | 170 800 |
| 75 | 01010123018 | Botha-Bothe | 202 600 |
| 76 | 02070223040 | Leribe | 202 600 |
| 77 | 03220413026 | Berea | 202 600 |
| 78 | 04400323059 | Maseru | 202 600 |
| 79 | 04460923033 | Maseru | 202 600 |
| 80 | 04471231057 | - | 202 600 |
| 81 | 07640133041 | Quthing | 202 600 |
| 82 | 08690133073 | Qacha's Nek | 202 600 |
| 83 | 08710431015 | Qacha's Nek | 202 600 |
| 84 | 09790531003 | Mokhotlong | 202 600 |
| 85 | 02080323030 | Leribe | 202 600 |
| 86 | 04400323061 | Maseru | 202 600 |
| 87 | 02070213016 | Leribe | 202 600 |
| 88 | 02131211072 | Leribe | 202 600 |
| 89 | 03291111083 | Berea | 202 600 |
| 90 | 04420513063 | - | 202 600 |
| 91 | 04450813051 | Maseru | 202 600 |
| 92 | 05500313013 | Mafeteng | 202 600 |

| Year 20 | | | |
|------------------------------------|-------------|-------------------------|-------------------|
| PRIORITY RANKING | EA CODE | DISTRICT (2016 EAs ref) | CAPEX (Maloti) |
| 93 | 07640641004 | Quthing | 202 600 |
| 94 | 07680533022 | Quthing | 202 600 |
| 95 | 01020213041 | Botha-Bothe | 295 000 |
| 96 | 01040413027 | Botha-Bothe | 295 000 |
| 97 | 02100523025 | Leribe | 295 000 |
| 98 | 03190123009 | - | 295 000 |
| 99 | 03200213010 | Berea | 295 000 |
| 100 | 04390223016 | Maseru | 295 000 |
| 101 | 04471023003 | Maseru | 295 000 |
| 102 | 05510413042 | Mafeteng | 295 000 |
| 103 | 05530613006 | Mafeteng | 295 000 |
| TOTAL INVESTMENT - YEAR 20: | | | 25 490 200 |