

Our Ref. / Ons verw: **5000** Date /Datum: **2020-09-10**  
From / Van: **DJ de Vries** Cell/ Sel: **082 822 3389**

**RE: BDE CONSULTING ENGINEERS: SELECTED MASTER PLANNING PROJECTS**

### Introduction

The graduated electrical and mechanical Engineers of BDE's George office have 120 years' experience in electrical bulk supplies (power lines & substations, up to 132 kV), electrical distribution networks, photovoltaic (PV) solar plants, various mechanical installation and building installations. BDE Engineers have done various electricity masterplans (including Eskom) as well as various load flow analysis for renewable energy plant grid integration:

### Master planning Projects

Since 2014 the following selected master planning projects were done by Professional Engineers currently employed by BDE:

- |                             |   |
|-----------------------------|---|
| 1. Knysna Municipality:     | Sedgefield: Master Plan and load flow study;        |
| 2. George Municipality:     | Master planning and load flow study                 |
| 3. Mossel Bay Municipality: | Load flow study;                                    |
| 4. Oudtshoorn Municipality: | Master planning and load flow study;                |
| 5. Mossel Bay Municipality: | Infrastructure asset management plan and GIS;       |
| 6. George Municipality:     | Thembaletu Township load flow study;                |
| 7. Mangaung Municipality:   | Bloemfontein North Master Plan and load flow study; |
| 8. Mangaung Municipality:   | Bloemfontein East load flow study;                  |
| 9. Mangaung Municipality:   | Bloemfontein South load flow study.                 |

Please contact us if any further information or clarification is required.

Yours faithfully



D. de Vries Pr. Eng.  
On behalf of **BDE CONSULTING ENGINEERS**