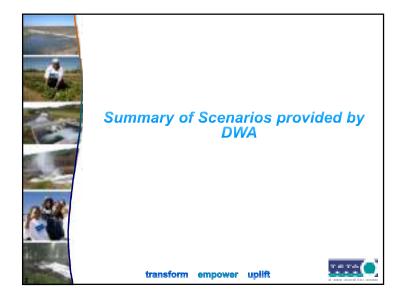
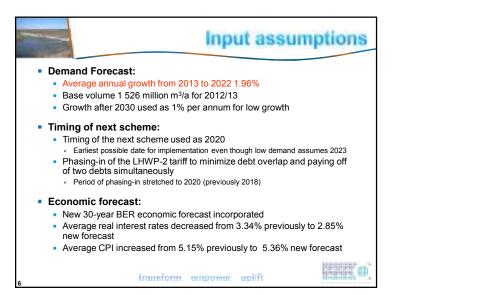


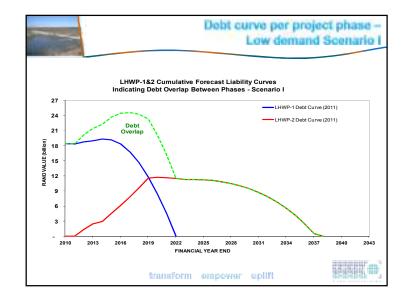
| Scenario | Concise Description | Label |
|----------|--|--------------------|
| 1 | Rand Water Area: High Population Scenario with WC/WDM implemented. Removal of 85% of the deemed unlawful irrigation water use. Eskom tariff scenario (April 2011). All other users as determined for the 2011/12 Annual Operating Analysis. | Low |
| | Same as Scenario I with the following change: Rand Water Area: Adjusted to maintain system balance equal to yield until LHWP Phase 2 is implemented. | Alternative Low |
| | Same as Scenario I with the following changes: Assume 50% of the target WC/NDM savings will be achieved. Assume 50% of the reduction of unlawful irrigation water use as determined in Scenario I, is removed. | Medium |
| IV | Rand Water Area: High Population Scenario with no further WC/WDM savings implemented. Assumed unlawful irrigation water use is not removed and remains unchanged to the year 2006 development level estimates. Eskom High scenario (April 2011). All other users as determined for the 2011/12 Annual Operating Analysis. | High |



| | Proje | ected d | emand | is prov | ided b | y DWA |
|-----------------------|-------|--------------|---------------|----------------|---------------|--------|
| and the second second | | | | | | |
| | | | | | | |
| | | PROJECTED | | | $(200 m^3/2)$ | |
| | | PROJECTED | WATER REGO | | ommaj | |
| | | TOTAL GROSS | TOTAL GROSS | TOTAL GROSS | TOTAL GROSS | |
| | | REQUIREMENT | REQUIREMENT | REQUIREMENT | REQUIREMENT | |
| | YEAR | (SCENARIO I) | (SCENARIO II) | (SCENARIO III) | (SCENARIO IV) | |
| | 2010 | 2,026 | 1,976 | 2,026 | 2,026 | |
| | 2011 | 1,944 | 1,924 | 1,989 | 2,035 | |
| | 2012 | 1,963 | 2,014 | 2,028 | 2,073 | |
| | 2013 | 1,970 | 2,070 | 2,046 | 2,104 | |
| | 2014 | 1,974 | 2,128 | 2,063 | 2,135 | |
| | 2015 | 1,979 | 2,134 | 2,080 | 2,169 | |
| | 2016 | 2,005 | 2,145 | 2,095 | 2,200 | |
| | 2017 | 2,038 | 2,154 | 2,129 | 2,239 | |
| | 2018 | 2,073 | 2,162 | 2,164 | 2,284 | |
| | 2019 | 2,108 | 2,168 | 2,200 | 2,329 | |
| | 2020 | 2,141 | 2,176 | 2,234 | 2,365 | |
| | 2021 | 2,167 | 2,186 | 2,259 | 2,393 | |
| | 2022 | 2,191 | 2,198 | 2,283 | 2,425 | |
| | 2023 | 2,214 | 2,213 | 2,305 | 2,458 | |
| | 2024 | 2,237 | 2,237 | 2,328 | 2,487 | |
| | 2025 | 2,260 | 2,260 | 2,350 | 2,514 | |
| | 2026 | 2,288 | 2,288 | 2,380 | 2,544 | |
| | 2027 | 2,317 | 2,317 | 2,410 | 2,577 | |
| | 2028 | 2,345 | 2,345 | 2,438 | 2,613 | |
| | 2029 | 2,367 | 2,367 | 2,461 | 2,642 | |
| | 2030 | 2,391 | 2,391 | 2,485 | 2,671 | |
| | | transfo | rm empov | ver uplift | | tert C |

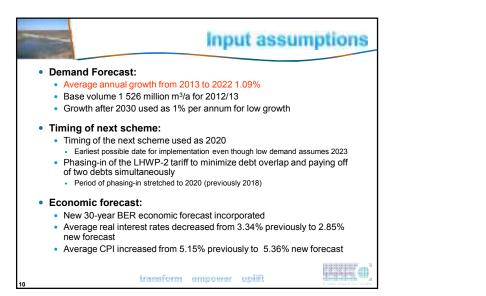


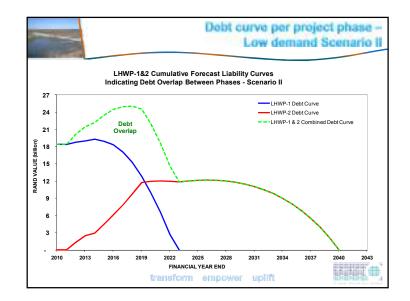




| HWP tarif | f and Volumes fo | | | | T -4-1 |
|--------------------|-----------------------------|--------|------------------|------------------|---------------|
| Year | TCTA water sales volumes | Annual | LHWP-1 tariff | LHWP-2 tariff | Total CUC |
| Year 31/03/2001 | volumes 1.121.00 | growth | 0.8814 | ταηπ | CUC |
| 31/03/2001 | 1,121.00 | | 0.8614 | | |
| 31/03/2002 | 1,126.00 | | 1.0560 | | |
| 31/03/2004 | 1,268.56 | | 1.1610 | | |
| 31/03/2005 | 1,200.00 | | 1.2240 | | |
| 31/03/2006 | 1.335.00 | | 1.3160 | | |
| 31/03/2007 | 1,353.00 | | 1.4083 | | |
| 31/03/2008 | 1,413.90 | | 1.4759 | | |
| 31/03/2009 | 1,455.26 | | 1.5704 | | |
| 31/03/2010 | 1,430.00 | | 1.6650 | | |
| 31/03/2011 | 1,490.00 | | 1,7924 | | |
| 31/03/2012 | 1,505.00 | | 1.8877 | 0.0575 | 1,9452 |
| 31/03/2013 | 1.526.00 | 13.05% | 1.9745 | 0.1005 | 2.0751 |
| 31/03/2014 | 1.725.14 | 0.51% | 2.0871 | 0.1489 | 2.2360 |
| 31/03/2015 | 1,734.00 | 0.51% | 2.2060 | 0.2026 | 2,4086 |

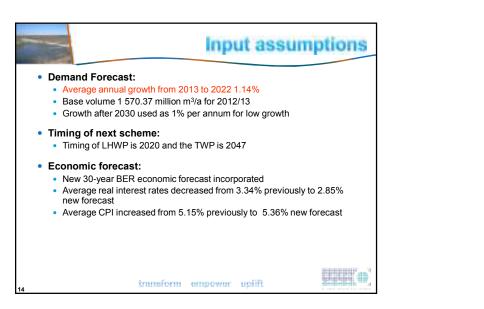


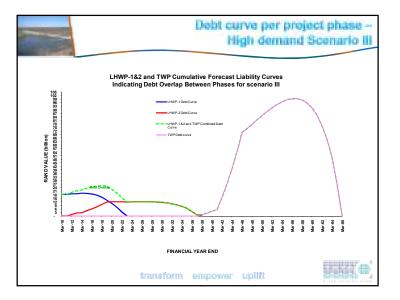




| P tariff a | nd Volumes f | or Scena | rio II | | |
|------------|------------------|----------|--------|--------|-----|
| | TCTA water sales | Annual | LHWP-1 | LHWP-2 | |
| Year | volumes | growth | tariff | tariff | |
| /03/2001 | 1,121.00 | | 0.8814 | | |
| /03/2002 | 1,126.00 | | 0.9730 | | |
| /03/2003 | 1,126.00 | | 1.0560 | | |
| /03/2004 | 1,268.56 | | 1.1610 | | |
| /03/2005 | 1,277.00 | | 1.2240 | | |
| /03/2006 | 1,335.00 | | 1.3160 | | |
| /03/2007 | 1,362.00 | | 1.4083 | | |
| /03/2008 | 1,413.90 | | 1.4759 | | |
| /03/2009 | 1,455.26 | | 1.5704 | | |
| /03/2010 | 1,430.00 | | 1.6650 | | |
| /03/2011 | 1,490.00 | | 1.7924 | | |
| /03/2012 | 1,505.00 | | 1.8877 | 0.0575 | 1.9 |
| /03/2013 | 1,526.00 | 3.14% | | 0.1005 | 2.0 |
| /03/2014 | 1,573.94 | 3.61% | 2.0871 | 0.1489 | 2.2 |
| /03/2015 | 1,630.83 | 0.34% | 2.2060 | 0.2026 | 2.4 |

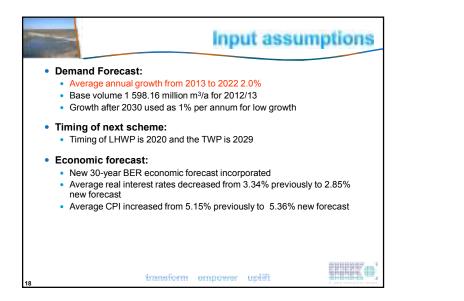


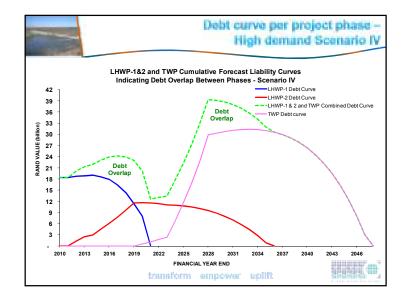




| _HWP tariff a | nd Volumes f | | | | |
|--------------------------|----------------------|--------|--------|--------|-------|
| | TCTA water sales | Annual | LHWP-1 | LHWP-2 | |
| Year | volumes | growth | tariff | tariff | |
| 31/03/2001 | 1,121.00 | | 0.8814 | | |
| 31/03/2002 | 1,126.00 | | 0.9730 | | |
| 31/03/2003 | 1,126.00 | | 1.0560 | | |
| 31/03/2004 | 1,268.56 | | 1.1610 | | |
| 31/03/2005 31/03/2006 | 1,277.00 1.335.00 | | 1.2240 | | |
| 31/03/2006 | 1,335.00 | | 1.3160 | | |
| 31/03/2008 | 1,302.00 | 2.15% | | | |
| 31/03/2009 | 1,455.26 | 2.1070 | 1.5704 | | |
| 31/03/2010 | 1,430.00 | 1.55% | | | |
| 31/03/2011 | 1,490.00 | 1.18% | | | |
| 31/03/2012 | 1,505.00 | 3.51% | | 0.0575 | 1.945 |
| 31/03/2013 | 1,570.37 | 1.74% | | 0.1005 | 2.075 |
| 31/03/2014 | 1,597.66 | 1.78% | 2.0871 | 0.1489 | 2.236 |
| 31/03/2015 | 1,626.11 | -1.60% | 2.2060 | 0.2026 | 2.408 |







| _ | | | | | | | | | |
|-----------|---|---------------|-----------|---------|--------|--------------------|-----|--|--|
| | P | ojected | volu | mes | and | i tar | iff | | |
| 100 miles | | | | | | | | | |
| | | | | | | | | | |
| | | and Valumaa f | er Coor | | | | | | |
| | LHWP tariff and Volumes for Scenario IV | | | | | | | | |
| | Year | volumes | growth | tariff | tariff | | | | |
| | 31/03/2001 | 1,121.00 | | 0.8814 | | | | | |
| | 31/03/2002 | 1,126.00 | | 0.9730 | | | | | |
| | 31/03/2003 | 1,126.00 | | 1.0560 | | | | | |
| | 31/03/2004 | 1,268.56 | | 1.1610 | | | | | |
| | 31/03/2005 | 1,277.00 | | 1.2240 | | | | | |
| | 31/03/2006 | 1,335.00 | | 1.3160 | | | | | |
| | 31/03/2007 | 1,362.00 | | 1.4083 | | | | | |
| | 31/03/2008 | 1,413.90 | 2.15% | 1.4759 | | | | | |
| | 31/03/2009 | 1,455.26 | | 1.5704 | | | | | |
| | 31/03/2010 | 1,430.00 | 0.62% | 1.6650 | | | | | |
| | 31/03/2011 | 1,490.00 | 1.18% | 1.7924 | | | | | |
| | 31/03/2012 | 1,505.00 | 1.07% | 1.8877 | 0.0575 | 1.9452 | | | |
| | 31/03/2013 | 1,598.16 | 1.92% | 1.9745 | 0.1005 | 2.0751 | | | |
| | 31/03/2014 | 1,628.82 | 1.84% | 2.0871 | 0.1489 | 2.2360 | | | |
| | 31/03/2015 | 1,658.78 | 2.05% | 2.2060 | 0.2026 | 2.4086 | | | |
| | | | | | | | | | |
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