

2.1 Substation Strategic Plan

| Ten-Year Substation Refurbishment and Modernization Capital Plan<br>(\$000s) |              |      |              |      |              |      |              |      |              |      |              |      |              |      |              |      |              |      |              |
|------------------------------------------------------------------------------|--------------|------|--------------|------|--------------|------|--------------|------|--------------|------|--------------|------|--------------|------|--------------|------|--------------|------|--------------|
| 2007                                                                         |              | 2008 |              | 2009 |              | 2010 |              | 2011 |              | 2012 |              | 2013 |              | 2014 |              | 2015 |              | 2016 |              |
| SUB                                                                          | Cost         | SUB  | Cost         | SUB  | Cost         | SUB  | Cost         | SUB  | Cost         | SUB  | Cost         | SUB  | Cost         | SUB  | Cost         | SUB  | Cost         | SUB  | Cost         |
| BLK                                                                          | 231          | CLV  | 476          | ABC  | 99           | CAR  | 464          | BRB  | 770          | GBE  | 71           | LLK  | 596          | CAT  | 574          | SLA  | 306          | BCV  | 411          |
| CAR                                                                          | 26           | BOT  | 538          | BHD  | 228          | GAL  | 396          | BON  | 620          | BLA  | 161          | GBY  | 162          | HUM  | 803          | CAB  | 834          | COL  | 277          |
| CLV                                                                          | 26           | FER  | 57           | BOY  | 26           | FRN  | 436          | GIL  | 145          | BVS  | 567          | GPD  | 195          | LEW  | 498          | CHA  | 238          | HOL  | 822          |
| CLK                                                                          | 215          | GAN  | 738          | GFS  | 749          | GLN  | 183          | MAS  | 367          | BIG  | 295          | HWD  | 290          | MIL  | 451          | COB  | 1,058        | ICV  | 507          |
| GAL                                                                          | 46           | BVJ  | 68           | HCT  | 187          | HGR  | 1,276        | MKS  | 428          | GAM  | 697          | MOL  | 322          | PBD  | 335          | FPD  | 108          | LAU  | 399          |
| GAR                                                                          | 374          | KEL  | 218          | LET  | 105          | HAR  | 159          | NHR  | 423          | HBS  | 165          | NWB  | 633          | PUL  | 304          | HCP  | 77           | PJN  | 15           |
| GLV                                                                          | 209          | KBR  | 654          | NCH  | 428          | JON  | 13           | QTZ  | 24           | ISL  | 114          | PEP  | 389          | SCV  | 546          | MMT  | 389          | RVH  | 472          |
| GOU                                                                          | 174          | LOK  | 178          | P335 | 237          | SPR  | 222          | SCR  | 516          | P135 | 377          | SPF  | 553          | SMV  | 937          | PAS  | 536          | SUM  | 1,135        |
| GRB                                                                          | 11           | LBK  | 12           | P435 | 237          | STX  | 123          | TWG  | 165          | ROB  | 170          | SJM  | 185          |      |              | PBK  | 77           | WES  | 129          |
| LLK                                                                          | 26           | MOB  | 277          | STV  | 239          | VIR  | 223          | WAL  | 345          | SCT  | 81           | TCV  | 247          |      |              |      |              |      |              |
| PUN                                                                          | 16           | OXF  | 117          | SUN  | 318          | WAV  | 154          | ROB  | 16           | TBS  | 712          |      |              |      |              |      |              |      |              |
| RRD                                                                          | 312          | ROP  | 388          | FPD  | 7            | BLA  | 17           | SPF  | 57           | TRP  | 880          |      |              |      |              |      |              |      |              |
| SBK                                                                          | 15           | LEW  | 48           | PJN  | 7            | ISL  | 53           | DLK  | 57           | TRN  | 154          |      |              |      |              |      |              |      |              |
| SLA                                                                          | 509          | MIL  | 48           | PAB  | 182          | P135 | 10           | PAS  | 17           | WBC  | 235          |      |              |      |              |      |              |      |              |
|                                                                              |              | BRC  | 48           | SLP  | 221          | TRN  | 53           | PBK  | 8            | BFS  | 603          |      |              |      |              |      |              |      |              |
|                                                                              |              |      |              | WES  | 7            | PEP  | 49           | ICV  | 55           |      |              |      |              |      |              |      |              |      |              |
|                                                                              |              |      |              |      |              | SCV  | 7            | LAU  | 17           |      |              |      |              |      |              |      |              |      |              |
|                                                                              |              |      |              |      |              | SUM  | 16           | WES  | 8            |      |              |      |              |      |              |      |              |      |              |
|                                                                              |              |      |              |      |              | MMT  | 53           | MRP  | 11           |      |              |      |              |      |              |      |              |      |              |
|                                                                              |              |      |              |      |              | VIC  | 446          | MGT  | 8            |      |              |      |              |      |              |      |              |      |              |
|                                                                              |              |      |              |      |              |      |              | GBS  | 629          |      |              |      |              |      |              |      |              |      |              |
| <b>Total</b>                                                                 | <b>2,190</b> |      | <b>3,865</b> |      | <b>3,277</b> |      | <b>4,353</b> |      | <b>4,686</b> |      | <b>5,282</b> |      | <b>3,572</b> |      | <b>4,448</b> |      | <b>3,623</b> |      | <b>4,167</b> |

Notes: SUB: Substation - Refer to the Electrical System handbook submitted with the 2006 Capital Budget Application for three letter substation designations.  
 P135, P335 and P435 are the designations for the portable substations.