**Unit Commitment Schedule (UCS)**

**10-Dec-12** **Revised**
**Monday**

| TIME | 0 | 30 | 100 | 130 | 200 | 230 | 300 | 330 | 400 | 430 | 500 | 530 | 600 | 630 | 700 | 730 | 800 | 830 | 900 | 930 | 1000 | 1030 | 1100 | 1130 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOAD | 11312 | 10994 | 10756 | 10598 | 10371 | 10221 | 10047 | 9929 | 9876 | 9820 | 9795 | 9828 | 9921 | 10109 | 10207 | 10389 | 10868 | 11935 | 12755 | 13276 | 13676 | 14074 | 14397 | 14521 | 301,515 |
| EGATDC | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 720 |
| CUFG | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 1,320 |
| CUFK | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 853 |
| JMJGU1 | 689 | 689 | 685 | 675 | 661 | 651 | 640 | 632 | 629 | 626 | 624 | 626 | 632 | 644 | 650 | 662 | 689 | 689 | 689 | 689 | 689 | 689 | 690 | 690 | 16,234 |
| JMJGU2 | 689 | 689 | 685 | 675 | 661 | 651 | 640 | 632 | 629 | 626 | 624 | 626 | 632 | 644 | 650 | 662 | 689 | 689 | 689 | 689 | 689 | 689 | 690 | 690 | 16,234 |
| JMJGU3 | 689 | 689 | 685 | 675 | 661 | 651 | 640 | 632 | 629 | 626 | 624 | 626 | 632 | 644 | 650 | 662 | 689 | 689 | 689 | 689 | 689 | 689 | 690 | 690 | 16,234 |
| PKLGU5 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 451 | 451 | 10,802 |
| PKLGU6 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 461 | 461 | 11,042 |
| TBINU1 | 699 | 699 | 685 | 675 | 661 | 651 | 640 | 632 | 629 | 626 | 624 | 626 | 632 | 644 | 650 | 662 | 692 | 699 | 699 | 699 | 699 | 699 | 700 | 700 | 16,400 |
| TBINU3 | 699 | 699 | 685 | 675 | 661 | 651 | 640 | 632 | 629 | 626 | 624 | 626 | 632 | 644 | 650 | 662 | 692 | 699 | 699 | 699 | 699 | 699 | 700 | 700 | 16,400 |
| JMAHU1 | 699 | 699 | 685 | 675 | 661 | 651 | 640 | 632 | 629 | 626 | 624 | 626 | 632 | 644 | 650 | 662 | 692 | 699 | 699 | 699 | 699 | 699 | 700 | 700 | 16,400 |
| JMAHU2 | 699 | 699 | 685 | 675 | 661 | 651 | 640 | 632 | 629 | 626 | 624 | 626 | 632 | 644 | 650 | 662 | 692 | 699 | 699 | 699 | 699 | 699 | 700 | 700 | 16,400 |
| CBPSBK1B | 134 | 134 | 134 | 134 | 134 | 134 | 134 | 134 | 134 | 134 | 134 | 134 | 134 | 134 | 134 | 134 | 134 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 3,289 |
| GLGRBK1A | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 3,624 |
| GLGRBK1B | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 3,624 |
| KLPPGT13 | 219 | 201 | 196 | 193 | 187 | 182 | 179 | 176 | 175 | 173 | 172 | 173 | 176 | 180 | 177 | 180 | 192 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 4,960 |
| KLPPGT14 | 219 | 201 | 196 | 193 | 187 | 182 | 179 | 176 | 174 | 173 | 172 | 173 | 176 | 180 | 177 | 180 | 192 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 4,960 |
| KLPPGT15 | 219 | 201 | 196 | 193 | 186 | 182 | 179 | 176 | 174 | 173 | 172 | 173 | 176 | 180 | 177 | 180 | 192 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 4,959 |
| MPSSGT1 | 161 | 161 | 161 | 161 | 161 | 149 | 127 | 111 | 100 | 91 | 87 | 93 | 108 | 136 | 114 | 134 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 3,604 |
| MPSSGT2 | 161 | 161 | 161 | 161 | 161 | 149 | 127 | 110 | 100 | 90 | 87 | 90 | 108 | 136 | 111 | 134 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 3,600 |
| PAKABK1A | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 106 | 107 | 114 | 115 | 117 | 123 | 123 | 2,609 |
| PAKABK1B | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 106 | 107 | 114 | 115 | 117 | 123 | 123 | 2,609 |
| PAKABK3A | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 106 | 107 | 114 | 115 | 117 | 130 | 130 | 2,624 |
| PAKABK3B | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 106 | 107 | 114 | 115 | 117 | 129 | 129 | 2,622 |
| PGLAGT11 | 304 | 271 | 262 | 257 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 255 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 7,745 |
| PGLAGT12 | 304 | 271 | 262 | 257 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 255 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 7,745 |
| ***PGPSBK3B(D*** | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 117 | ***124*** | ***130*** | ***130*** | ***130*** | ***2610.5*** |
| PLPSGT11 | 216 | 216 | 171 | 148 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 137 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 4,572 |
| PLPSGT13 | 216 | 216 | 171 | 148 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 137 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 4,572 |
| SGB3GT31 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 190 | 201 | 213 | 213 | 213 | 213 | 213 | 4,171 |
| SGRIGT23 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 159 | 168 | 195 | 217 | 217 | 3,761 |
| SKSPBK1 | 254 | 228 | 221 | 218 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 216 | 338 | 346 | 350 | 350 | 350 | 350 | 350 | 7,162 |
| TJGSBK1A | 304 | 266 | 256 | 252 | 238 | 229 | 222 | 217 | 214 | 210 | 210 | 211 | 216 | 226 | 218 | 224 | 248 | 308 | 355 | 355 | 355 | 355 | 355 | 355 | 7,454 |
| TJGSBK1B | 304 | 266 | 256 | 250 | 238 | 229 | 222 | 217 | 214 | 210 | 209 | 211 | 215 | 225 | 218 | 224 | 248 | 308 | 349 | 349 | 349 | 349 | 349 | 349 | 7,365 |
| ***TJGSBK2A(D*** | 290 | 252 | 242 | 237 | 224 | 215 | 208 | 203 | 203 | 203 | 203 | 203 | 203 | 211 | 204 | 210 | 234 | 294 | 346 | 346 | ***346*** | ***346*** | ***346*** | ***346*** | ***7196.5*** |
| ***TJGSBK2B(D*** | 290 | 252 | 242 | 237 | 224 | 215 | 208 | 203 | 203 | 203 | 203 | 203 | 203 | 211 | 204 | 210 | 234 | 294 | 348 | 348 | ***348*** | ***348*** | ***348*** | ***348*** | ***7225*** |
| YPKA | 577 | 577 | 577 | 577 | 577 | 577 | 577 | 577 | 577 | 577 | 577 | 577 | 577 | 577 | 718 | 718 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 17,237 |
| PAKABK4A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 109 | 110 | 119 | 120 | 123 | 125 | 125 | 1,830 |
| PAKABK4B | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110 | 119 | 120 | 123 | 125 | 125 | 1,775 |
| ***SGB3GT32(D*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***201*** | ***201*** | ***201*** | ***201*** | ***201*** | ***201*** | ***3012*** |
| SGB3GT33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 201 | 213 | 213 | 213 | 213 | 213 | 2,995 |
| PKLGU4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 80 | 101 | 121 | 3,276 |
| ***SGRIGT21(D*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***90*** | ***148*** | ***162*** | ***196*** | ***206*** | ***206*** | ***2265.5*** |
| SGRIGT22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 148 | 162 | 196 | 217 | 217 | 2,152 |
| CBPSBK1A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139 | 139 | 139 | 139 | 139 | 1,668 |
| KLPPGT11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 40 | 40 | 40 | 40 | 472 |
| ***PDPSGT1(DF*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***70*** | ***70*** | ***95*** | ***90*** | ***589.5*** |
| KLPPGT12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 24 | 24 | 24 | 179 |
| ***PDPSGT2(DF*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***70*** | ***95*** | ***90*** | ***519.5*** |
| ***PDPSGT3(DF*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***70*** | ***95*** | ***89*** | ***518.5*** |
| ***PDPSGT4(DF*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***70*** | ***94*** | ***89*** | ***482*** |
| HYDRO: | | | | | | | | | | | | | | | | | | | | | | | | | |
| KNYR 1 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 1,492 |
| KNYR 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 201 |
| KNYR 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 108 |
| KNYR 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMGR 1 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 823 |
| TMGR 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMGR 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 177 |
| TMGR 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PGAU 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PGAU 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PGAU 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 113 | 588 |
| PGAU 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 112 | 410 |
| SYPS 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58 | 100 | 100 | 100 | 929 |
| SIHY 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 150 | 150 | 150 | 150 | 1,683 |
| BSIA 1 | 23 | 23 | 23 | 23 | 23 | 17 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 450 |
| KNRG 1 | 40 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 800 |
| CEND 1 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 17 | 17 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 500 |
| UPIA 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 10 | 14 | 14 | 14 | 14 | 210 |
| LPIA 1 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 480 |
| SPN RSV | 1273 | 1591 | 1829 | 1987 | 2214 | 2364 | 2538 | 2656 | 2704 | 2745 | 2760 | 2737 | 2664 | 2476 | 2519 | 2337 | 1920 | 978 | 903 | 928 | 922 | 981 | 929 | 977 | 34,514 |
| TOTAL GEN | 11190 | 10872 | 10634 | 10476 | 10249 | 10099 | 9925 | 9807 | 9754 | 9698 | 9673 | 9706 | 9799 | 9987 | 10085 | 10267 | 10746 | 11813 | 12633 | 13154 | 13554 | 13952 | 14275 | 14399 | 298,622 |

****** JOR U1 & U2 - Test***

**Revised**

| TIME | 1200 | 1230 | 1300 | 1330 | 1400 | 1430 | 1500 | 1530 | 1600 | 1630 | 1700 | 1730 | 1800 | 1830 | 1900 | 1930 | 2000 | 2030 | 2100 | 2130 | 2200 | 2230 | 2300 | 2330 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOAD | 14389 | 14171 | 14033 | 14247 | 14514 | 14813 | 14792 | 14800 | 14785 | 14751 | 14451 | 13954 | 13459 | 13263 | 13384 | 13910 | 13842 | 13772 | 13552 | 13368 | 13003 | 12961 | 12686 | 12454 | 301,515 |
| EGATDC | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 720 |
| CUFG | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 1,320 |
| CUFK | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 853 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| JMJGU1 | 690 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 690 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 16,234 |
| JMJGU2 | 690 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 690 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 16,234 |
| JMJGU3 | 690 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 690 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 16,234 |
| PKLGU5 | 451 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 451 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 10,802 |
| PKLGU6 | 461 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 461 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 460 | 11,042 |
| TBINU1 | 700 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 700 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 16,400 |
| TBINU3 | 700 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 700 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 16,400 |
| JMAHU1 | 700 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 700 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 16,400 |
| JMAHU2 | 700 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 700 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 699 | 16,400 |
| CBPSBK1B | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 134 | 134 | 3,289 |
| GLGRBK1A | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 3,624 |
| GLGRBK1B | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 3,624 |
| KLPPGT13 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 4,960 |
| KLPPGT14 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 4,960 |
| KLPPGT15 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 219 | 4,959 |
| MPSSGT1 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 3,604 |
| MPSSGT2 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 3,600 |
| PAKABK1A | 123 | 117 | 114 | 117 | 118 | 117 | 117 | 117 | 117 | 117 | 123 | 115 | 107 | 106 | 106 | 116 | 115 | 114 | 113 | 113 | 106 | 105 | 100 | 100 | 2,609 |
| PAKABK1B | 123 | 117 | 114 | 117 | 118 | 117 | 117 | 117 | 117 | 117 | 123 | 115 | 107 | 106 | 106 | 116 | 115 | 114 | 113 | 113 | 106 | 105 | 100 | 100 | 2,609 |
| PAKABK3A | 130 | 117 | 115 | 117 | 118 | 117 | 117 | 117 | 117 | 117 | 130 | 115 | 107 | 106 | 106 | 116 | 115 | 114 | 113 | 114 | 106 | 105 | 100 | 100 | 2,624 |
| PAKABK3B | 129 | 117 | 115 | 117 | 118 | 117 | 117 | 117 | 117 | 117 | 129 | 115 | 107 | 106 | 106 | 116 | 115 | 114 | 113 | 113 | 106 | 105 | 100 | 100 | 2,622 |
| PGLAGT11 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 358 | 342 | 7,745 |
| PGLAGT12 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 358 | 342 | 7,745 |
| ***PGPSBK3B(D*** | ***130*** | ***130*** | ***118*** | ***130*** | ***130*** | ***130*** | ***130*** | ***130*** | ***130*** | ***130*** | ***130*** | ***130*** | ***95*** | ***95*** | ***95*** | ***130*** | ***123*** | ***113*** | ***100*** | ***106*** | ***95*** | ***95*** | ***95*** | ***95*** | ***2610.5*** |
| PLPSGT11 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 4,572 |
| PLPSGT13 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 4,572 |
| SGB3GT31 | 213 | 213 | 213 | 213 | 213 | 213 | 213 | 213 | 213 | 213 | 213 | 213 | 205 | 195 | 194 | 213 | 213 | 213 | 213 | 213 | 195 | 182 | 133 | 120 | 4,171 |
| SGRIGT23 | 217 | 196 | 162 | 201 | 212 | 205 | 204 | 204 | 204 | 204 | 217 | 176 | 130 | 130 | 130 | 181 | 166 | 156 | 135 | 145 | 130 | 130 | 130 | 130 | 3,761 |
| SKSPBK1 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 342 | 342 | 350 | 350 | 350 | 350 | 350 | 342 | 331 | 294 | 281 | 7,162 |
| TJGSBK1A | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 355 | 344 | 7,454 |
| TJGSBK1B | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 344 | 7,365 |
| ***TJGSBK2A(D*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***346*** | ***339*** | ***327*** | ***7196.5*** |
| ***TJGSBK2B(D*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***348*** | ***340*** | ***327*** | ***7225*** |
| YPKA | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 780 | 17,237 |
| PAKABK4A | 125 | 123 | 119 | 123 | 124 | 124 | 124 | 124 | 124 | 124 | 125 | 120 | 111 | 109 | 109 | 121 | 120 | 119 | 117 | 117 | 109 | 108 | 105 | 105 | 1,830 |
| PAKABK4B | 125 | 123 | 119 | 123 | 124 | 124 | 124 | 124 | 124 | 124 | 125 | 120 | 110 | 109 | 109 | 121 | 120 | 119 | 117 | 117 | 109 | 108 | 105 | 105 | 1,775 |
| ***SGB3GT32(D*** | ***201*** | ***201*** | ***201*** | ***201*** | ***201*** | ***201*** | ***201*** | ***201*** | ***201*** | ***201*** | ***201*** | ***201*** | ***201*** | ***200*** | ***200*** | ***201*** | ***201*** | ***201*** | ***201*** | ***201*** | ***200*** | ***200*** | ***200*** | ***200*** | ***3012*** |
| SGB3GT33 | 213 | 213 | 213 | 213 | 213 | 213 | 213 | 213 | 213 | 213 | 213 | 213 | 205 | 194 | 194 | 213 | 213 | 213 | 213 | 213 | 194 | 182 | 133 | 0 | 2,995 |
| PKLGU4 | 151 | 180 | 200 | 240 | 260 | 272 | 272 | 272 | 272 | 272 | 273 | 272 | 272 | 272 | 272 | 272 | 272 | 272 | 272 | 272 | 272 | 272 | 272 | 272 | 3,276 |
| ***SGRIGT21(D*** | ***206*** | ***197*** | ***150*** | ***203*** | ***206*** | ***206*** | ***206*** | ***206*** | ***206*** | ***206*** | ***206*** | ***176*** | ***90*** | ***90*** | ***90*** | ***181*** | ***161*** | ***139*** | ***100*** | ***118*** | ***90*** | ***90*** | ***0*** | ***0*** | ***2265.5*** |
| SGRIGT22 | 217 | 196 | 150 | 201 | 213 | 206 | 206 | 204 | 204 | 205 | 217 | 176 | 90 | 90 | 90 | 181 | 161 | 139 | 100 | 118 | 0 | 0 | 0 | 0 | 2,152 |
| CBPSBK1A | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 0 | 0 | 0 | 0 | 0 | 1,668 |
| KLPPGT11 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 35 | 34 | 34 | 40 | 40 | 40 | 40 | 0 | 0 | 0 | 0 | 0 | 472 |
| ***PDPSGT1(DH*** | ***82*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***72*** | ***70*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***589.5*** |
| KLPPGT12 | 24 | 24 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179 |
| ***PDPSGT2(DH*** | ***82*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***72*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***519.5*** |
| ***PDPSGT3(DH*** | ***81*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***72*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***518.5*** |
| ***PDPSGT4(DH*** | ***81*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***70*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***0*** | ***482*** |
| HYDRO: | | | | | | | | | | | | | | | | | | | | | | | | | |
| KNYR 1 | 60 | 60 | 60 | 60 | 60 | 79 | 69 | 72 | 100 | 83 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 1,492 |
| KNYR 2 | 0 | 0 | 0 | 0 | 0 | 79 | 69 | 72 | 100 | 82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 201 |
| KNYR 3 | 0 | 0 | 0 | 0 | 0 | 77 | 67 | 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 108 |
| KNYR 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMGR 1 | 30 | 30 | 30 | 30 | 30 | 68 | 75 | 70 | 70 | 73 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 823 |
| TMGR 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMGR 3 | 0 | 0 | 0 | 0 | 0 | 67 | 75 | 70 | 70 | 72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 177 |
| TMGR 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PGAU 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PGAU 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PGAU 3 | 100 | 0 | 0 | 0 | 108 | 120 | 118 | 123 | 123 | 120 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 588 |
| PGAU 4 | 0 | 0 | 0 | 0 | 107 | 120 | 117 | 122 | 122 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 410 |
| SYPS 1 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 929 |
| SIHY 1 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 0 | 111 | 150 | 150 | 150 | 150 | 100 | 0 | 0 | 0 | 0 | 1,683 |
| BSIA 1 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 450 |
| KNRG 1 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 800 |
| CEND 1 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 500 |
| UPIA 1 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 6 | 12 | 14 | 14 | 14 | 14 | 6 | 4 | 4 | 4 | 4 | 210 |
| LPIA 1 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 480 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPN RSV | 982 | 995 | 1053 | 963 | 920 | 905 | 924 | 916 | 915 | 949 | 906 | 911 | 1013 | 1059 | 1093 | 917 | 919 | 905 | 925 | 930 | 928 | 970 | 1039 | 1058 | 34,514 |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL GEN | 14272 | 14054 | 13916 | 14130 | 14397 | 14696 | 14675 | 14683 | 14668 | 14634 | 14334 | 13837 | 13342 | 13146 | 13262 | 13788 | 13720 | 13650 | 13430 | 13246 | 12881 | 12839 | 12564 | 12332 | 298,622 |

****** JOR U1 & U2 - Test***