

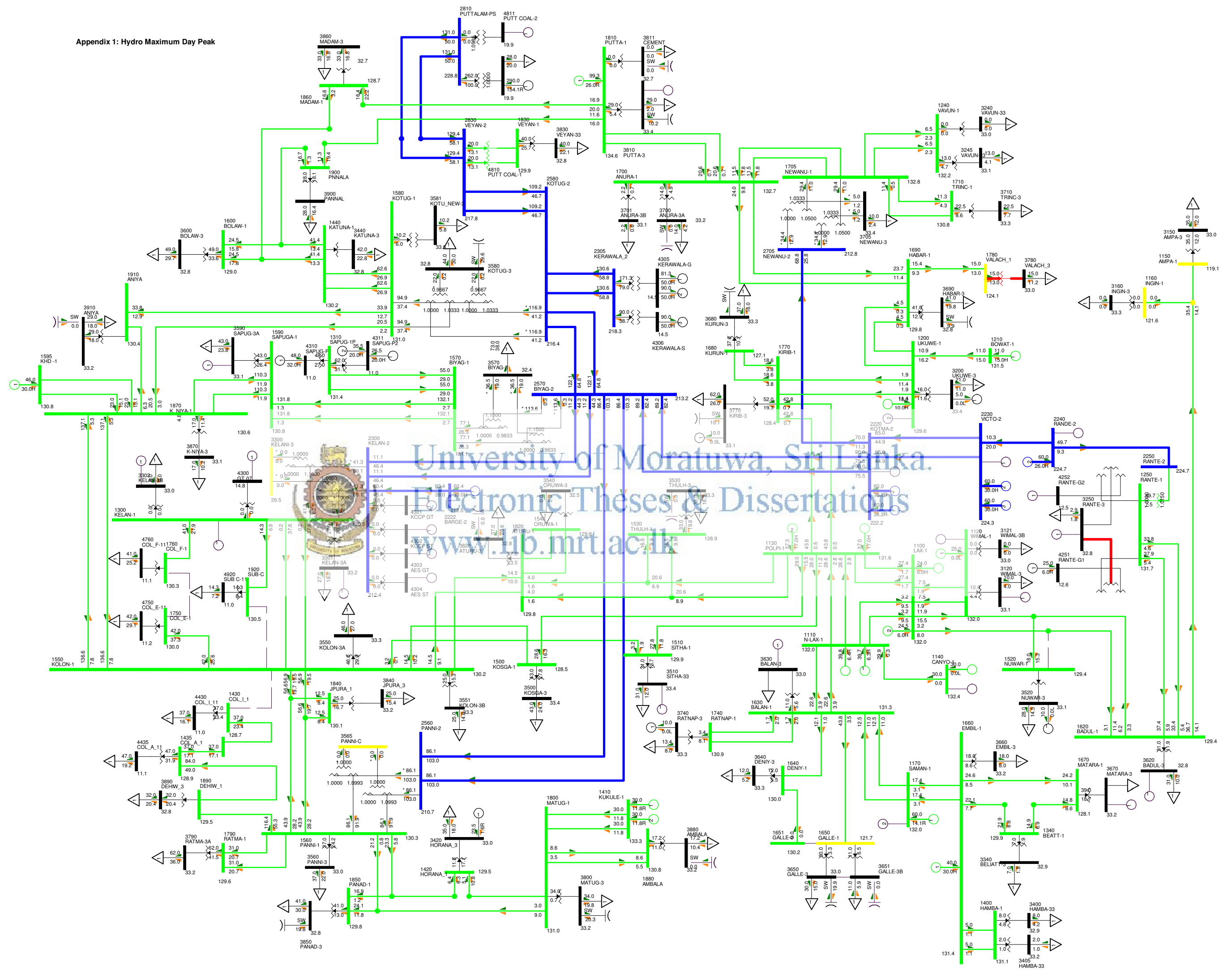
Reference List

- [1] Dhillon M.S. , Tziouvaras D. A. , Protection of fuseless capacitor banks using digital relays
- [2] Gupta J.B. (2004), *Switchgear and Protection* (2nd edition), S.K. Kataria & Sons Publishers and Distributors, Chapter 16 pp 510
- [3] Web site: http://www.aet.com.sg/technical_notes/technical_notes.html
- [4] Arulampalam A. , Barnes M. , Englers A. , Goodwin A. , Jenkins N. , Control of power electronic interfaces in distributed generation Microgrids
- [5] Prabha Kundur : “Power System Stability and control” , The EPRI Power System Engineering Series, McGraw-Hill, Inc., 1994.
- [6] Maxwell M., “Distribution System”, Electric Utility Engineering Reference Book, Westinghouse Electric Corporation. (for general reading reference)



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Appendix 1: Hydro Maximum Day Peak

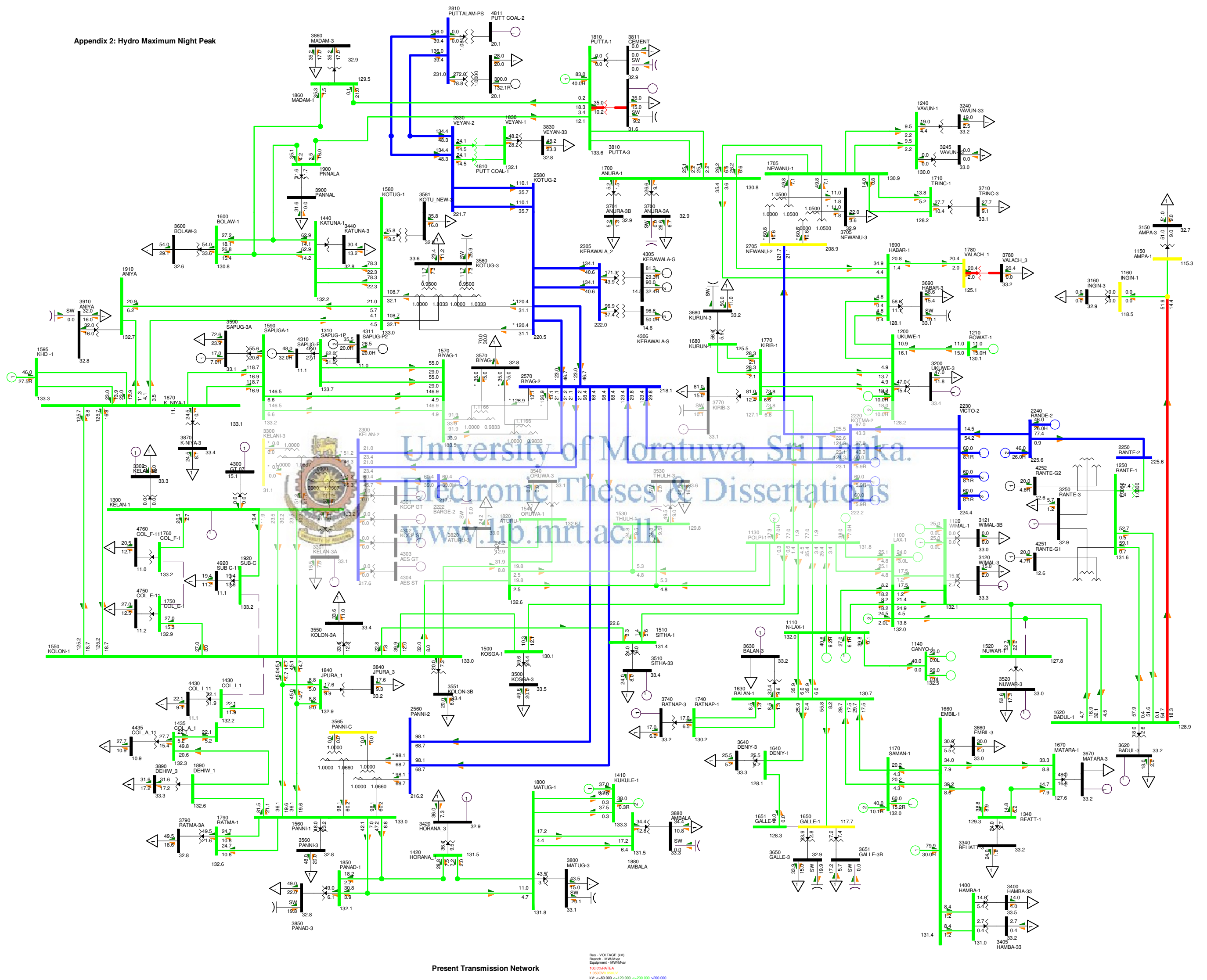


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Bus - VOLTAGE (kV)
 Branch - MW/Mvar
 Equipment - MW/Mvar
 100.00 RATEA
 1.000000 RATEB
 MW <- 40.0000 << 120.0000 <<< 200.0000 >>> 400.0000

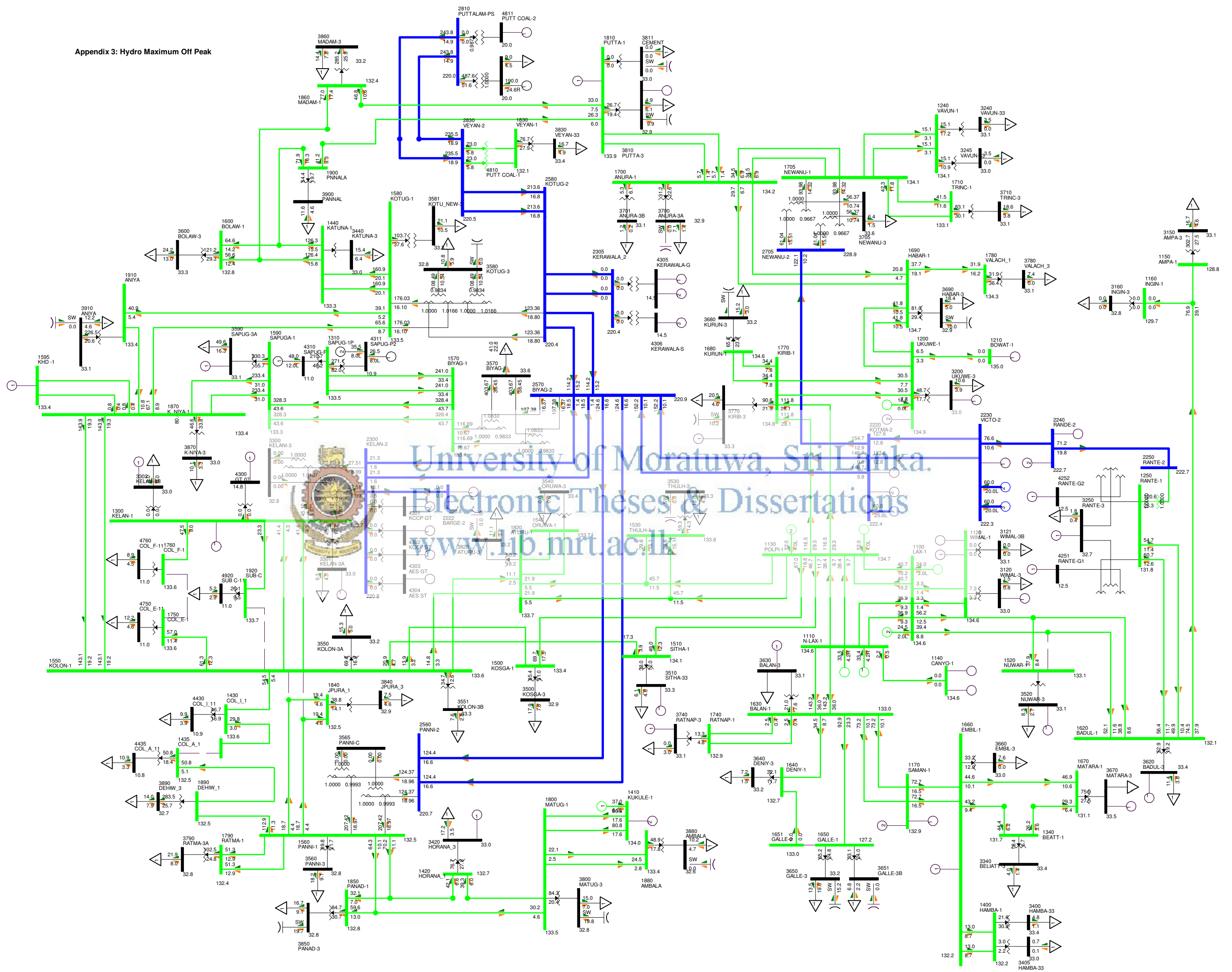
Present Transmission Network

Appendix 2: Hydro Maximum Night Peak



Present Transmission Network

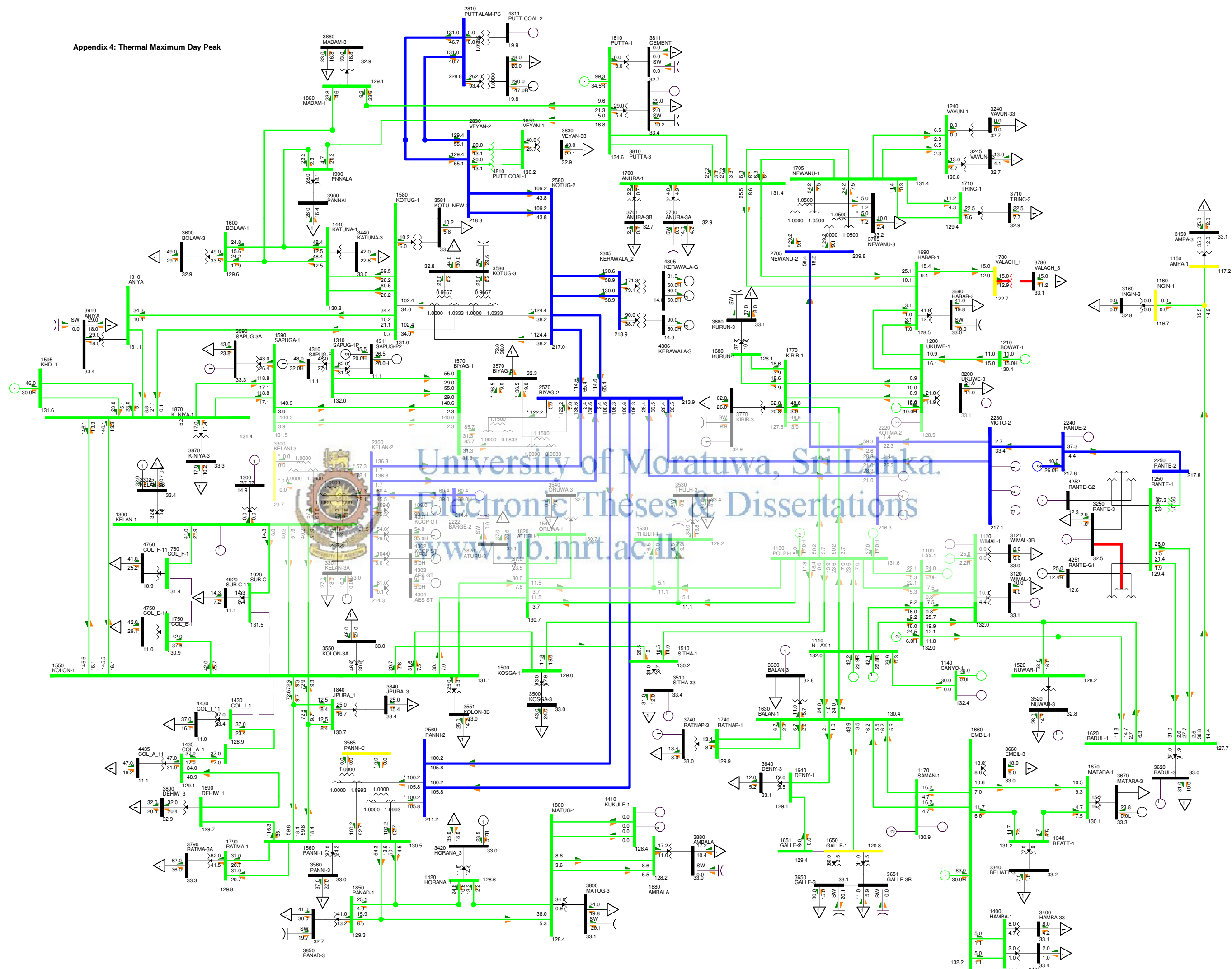
Appendix 3: Hydro Maximum Off Peak



Present Transmission Network

Bus - VOLTAGE (KV)
 Branch - AMP% RATE A
 Equipment - MW/MVA
 100.0% RATE A
 1.000000
 KV <-80.000 <<-120.000 <<<200.000 >>200.000

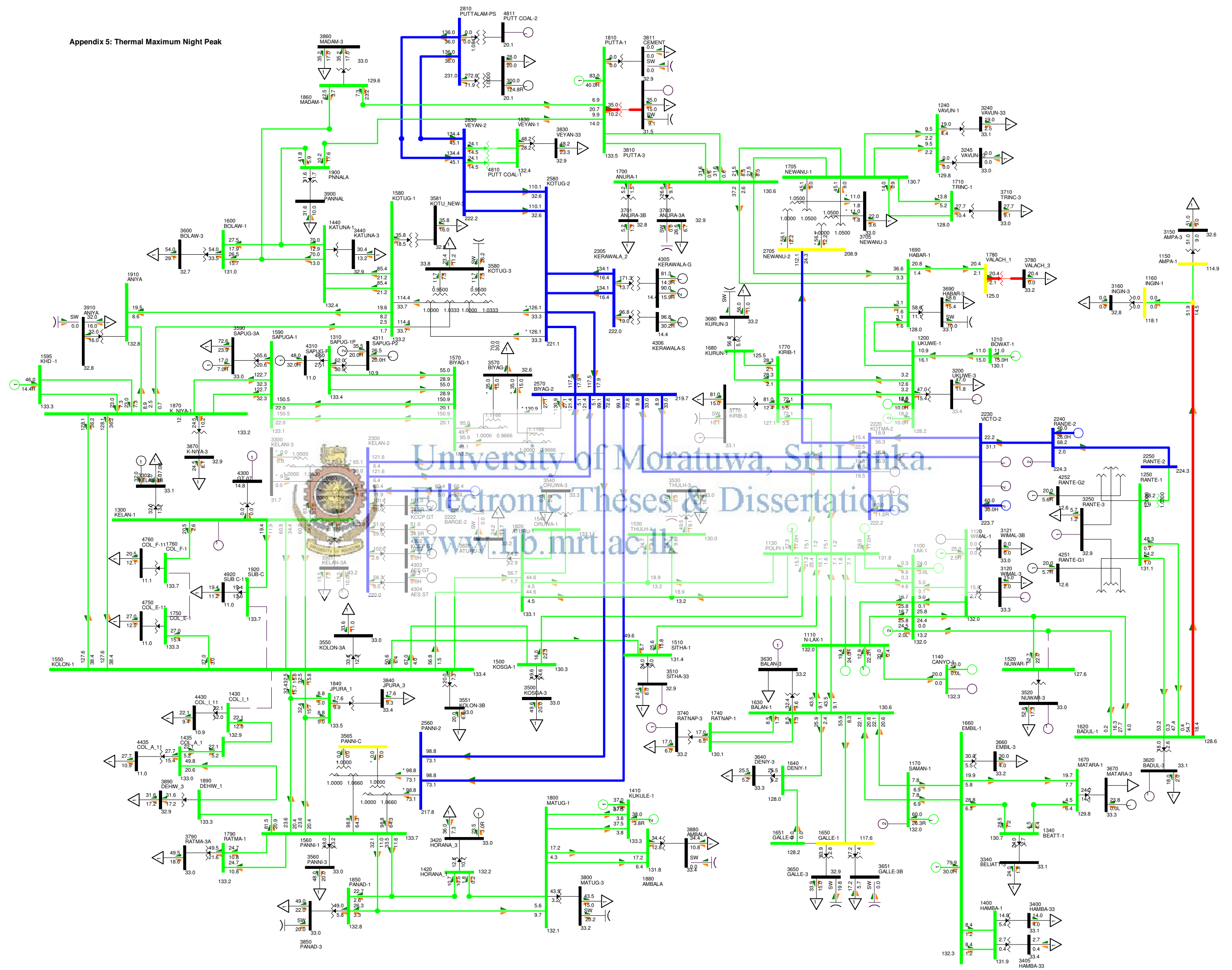
Appendix 4: Thermal Maximum Day Peak



Bus - VOLTAGE (kV)
Branch - MW/Mvar
Equipment - MW/Mvar
100.00RATEA
1.00000VOLTAGE
KV <-40.000 <<120.000 <<<200.000 >>>0.000

Present Transmission Network

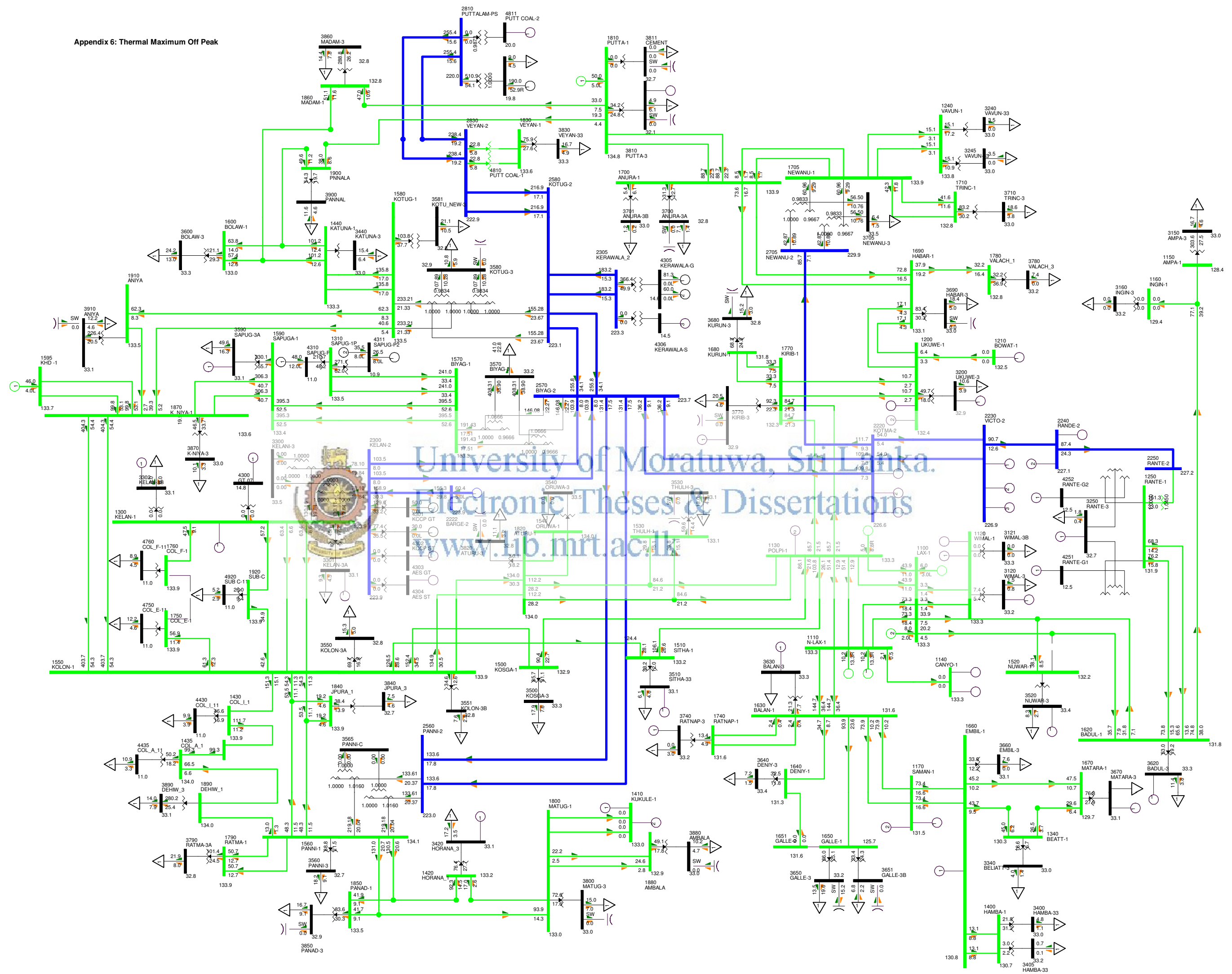
Appendix 5: Thermal Maximum Night Peak



Present Transmission Network

Bus - VOLTAGE (kV)
 Branch - MW/MVA
 Equipment - NAME
 Line - RATE
 Scale: 0 50 100 150 200 250 300 350 400 450 500

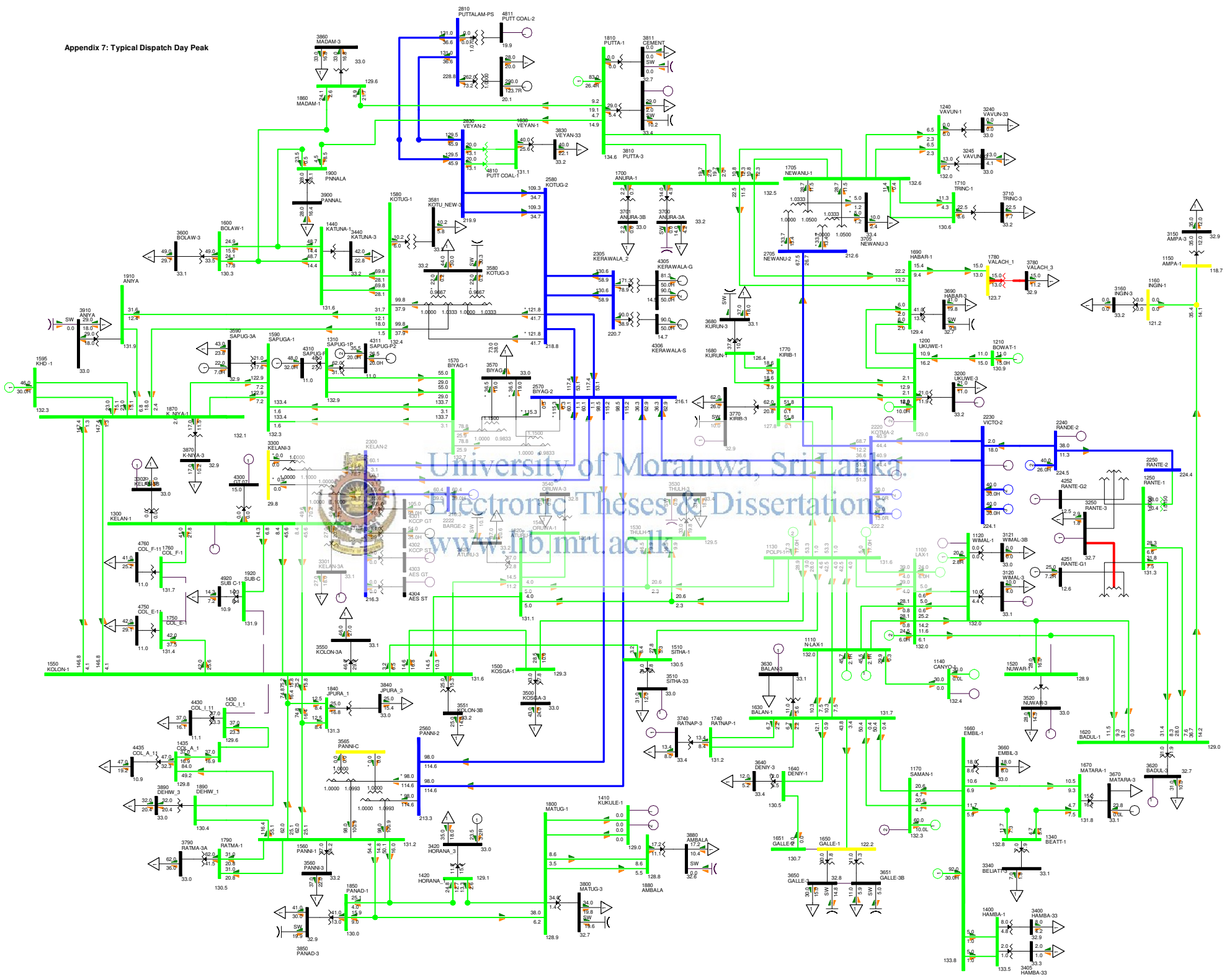
Appendix 6: Thermal Maximum Off Peak



Present Transmission Network

Bus - VOLTAGE (KV)
 Branch - AMPERE RATE A
 Equipment - MW/MVA
 100.0URATEA
 1.0000000000000000
 KV <-80.000 <-120.000 <-200.000 <200.000

Appendix 7: Typical Dispatch Day Peak

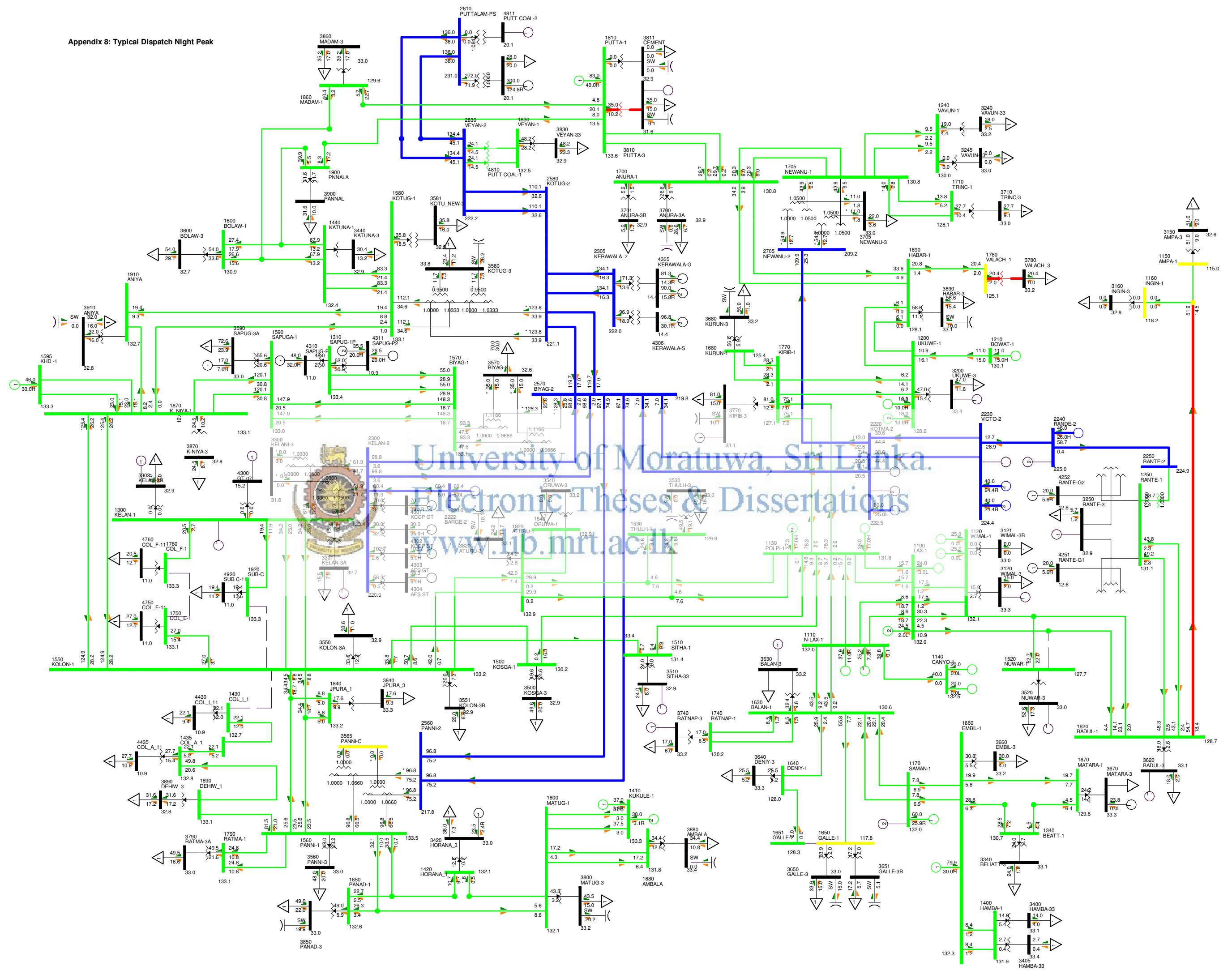


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Present Transmission Network

Bus - VOLTAGE (KV)
 Branch - 110KV
 Equipment - 110KV
 100 KV/175KV
 175KV/220KV
 220KV/275KV
 275KV/330KV
 330KV/400KV

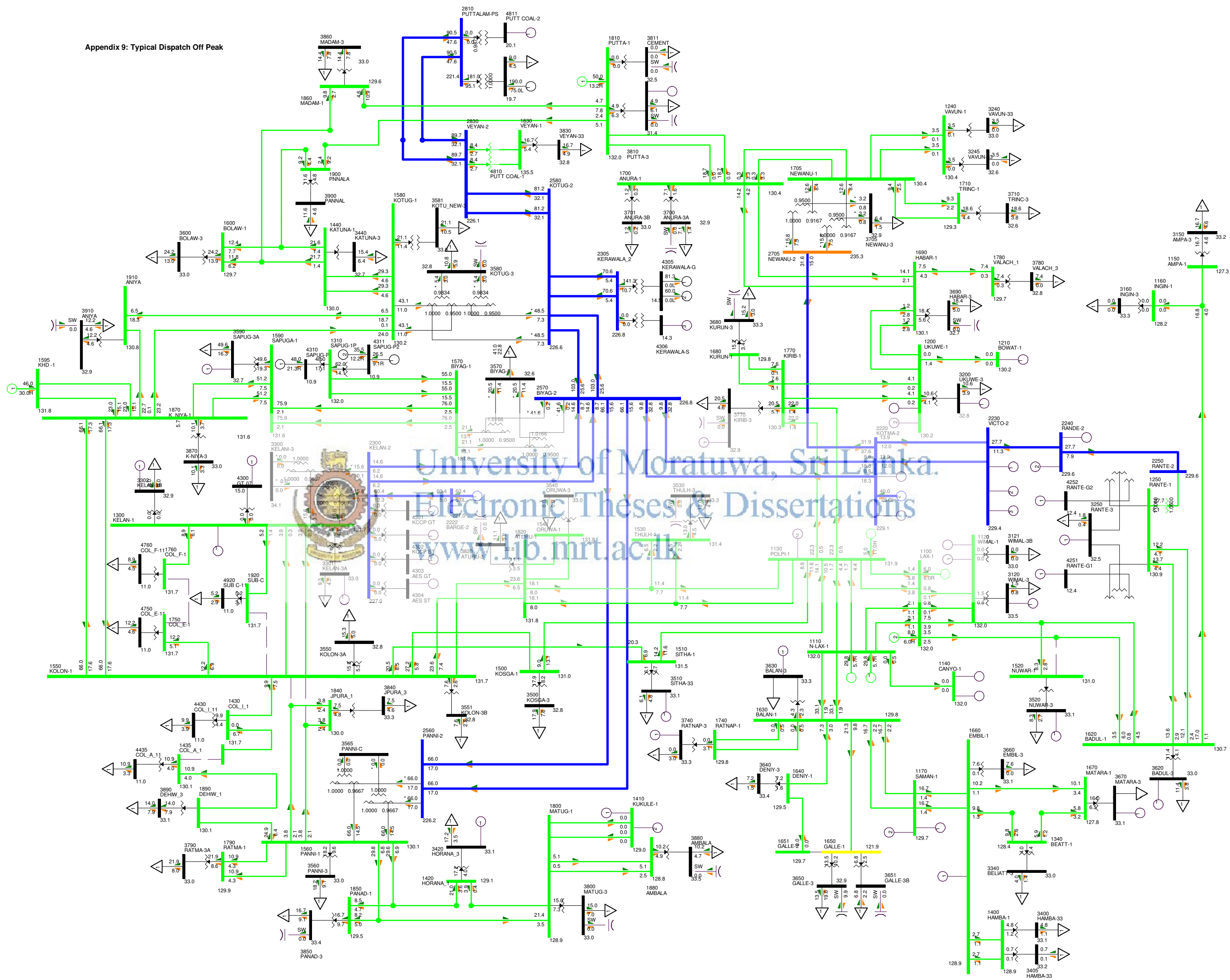
Appendix 8: Typical Dispatch Night Peak



Present Transmission Network

Bus - VOLTAGE (kV)
 Branch - MW/Mvar
 Equipment - MW/Mvar
 100.0% RATED
 1.000000/0.000000
 MW <- 40.000 >> 120.000 <<- 200.000 >> 200.000

Appendix 9: Typical Dispatch Off Peak



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Present Transmission Network

Bus - VOLTAGE (kV)
Branch - MW/Mvar
Equipment - MW/Mvar
100.00/0.00
1.00000/0.00000
KV <-40.000 <-120.000 <-200.000 >200.000