

## **APPENDIX C**

# **POWER FLOW TRANSCRIPTION DIAGRAMS**

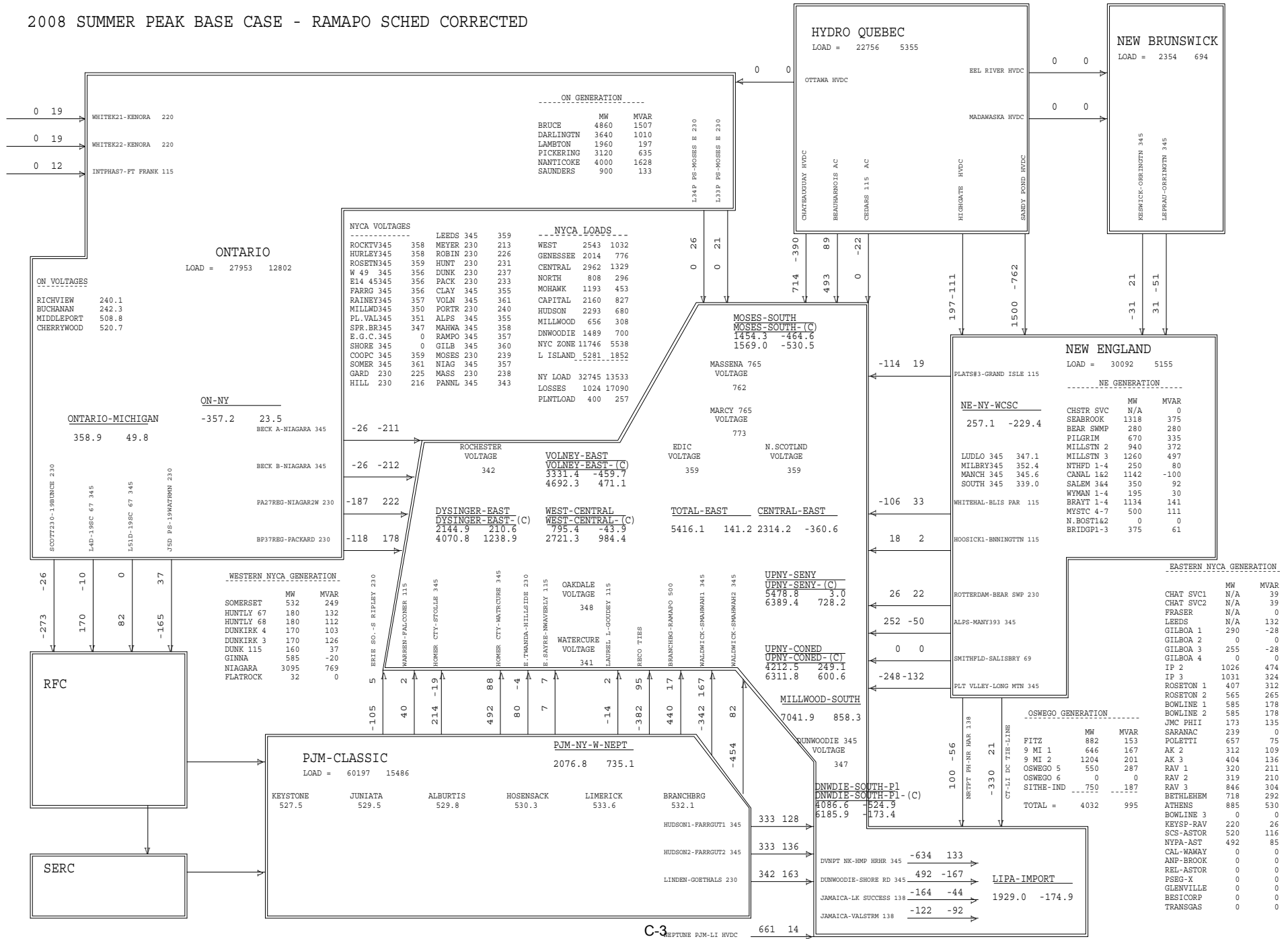
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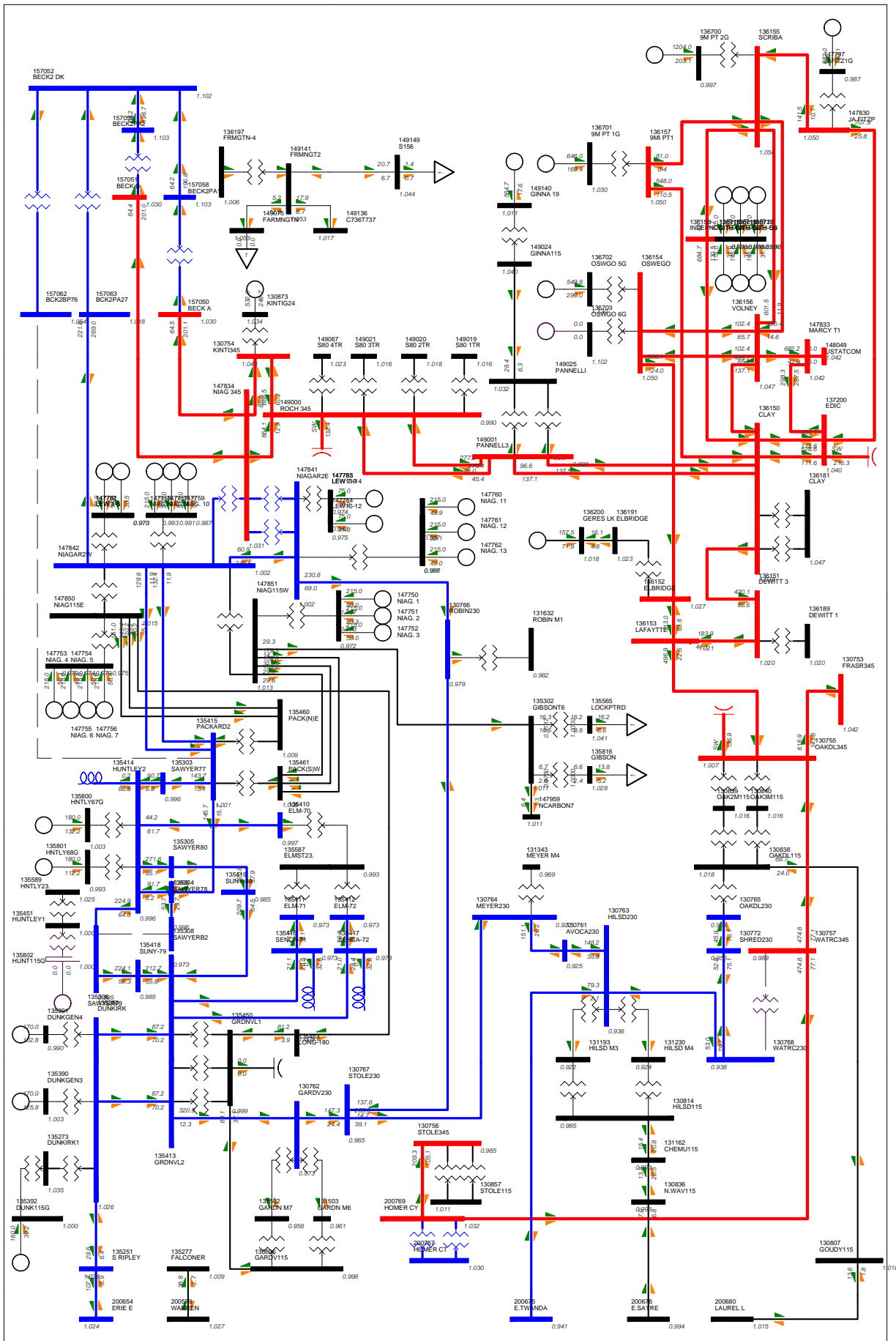
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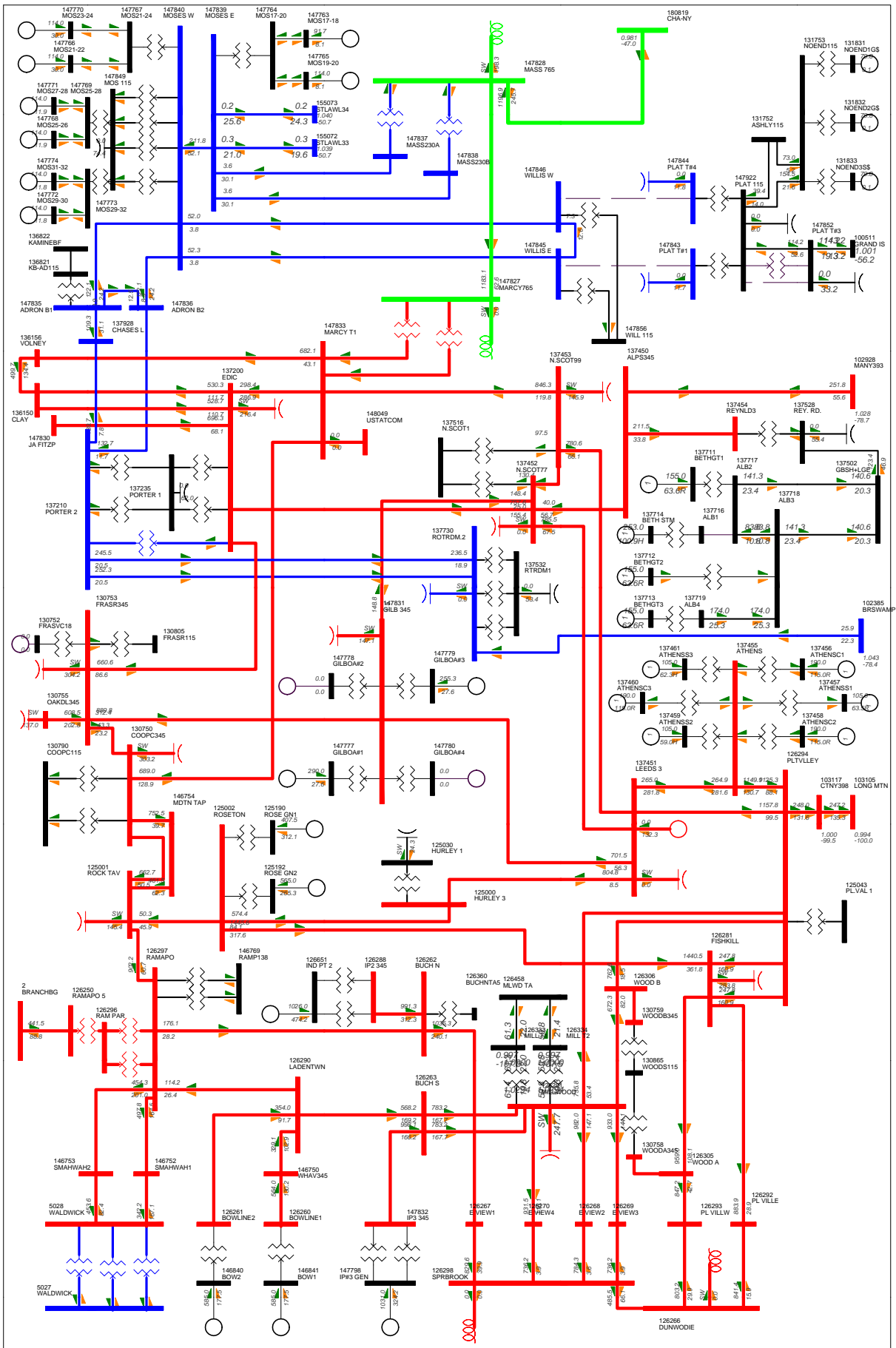
NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED





NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, MAY 07 2008 14:49

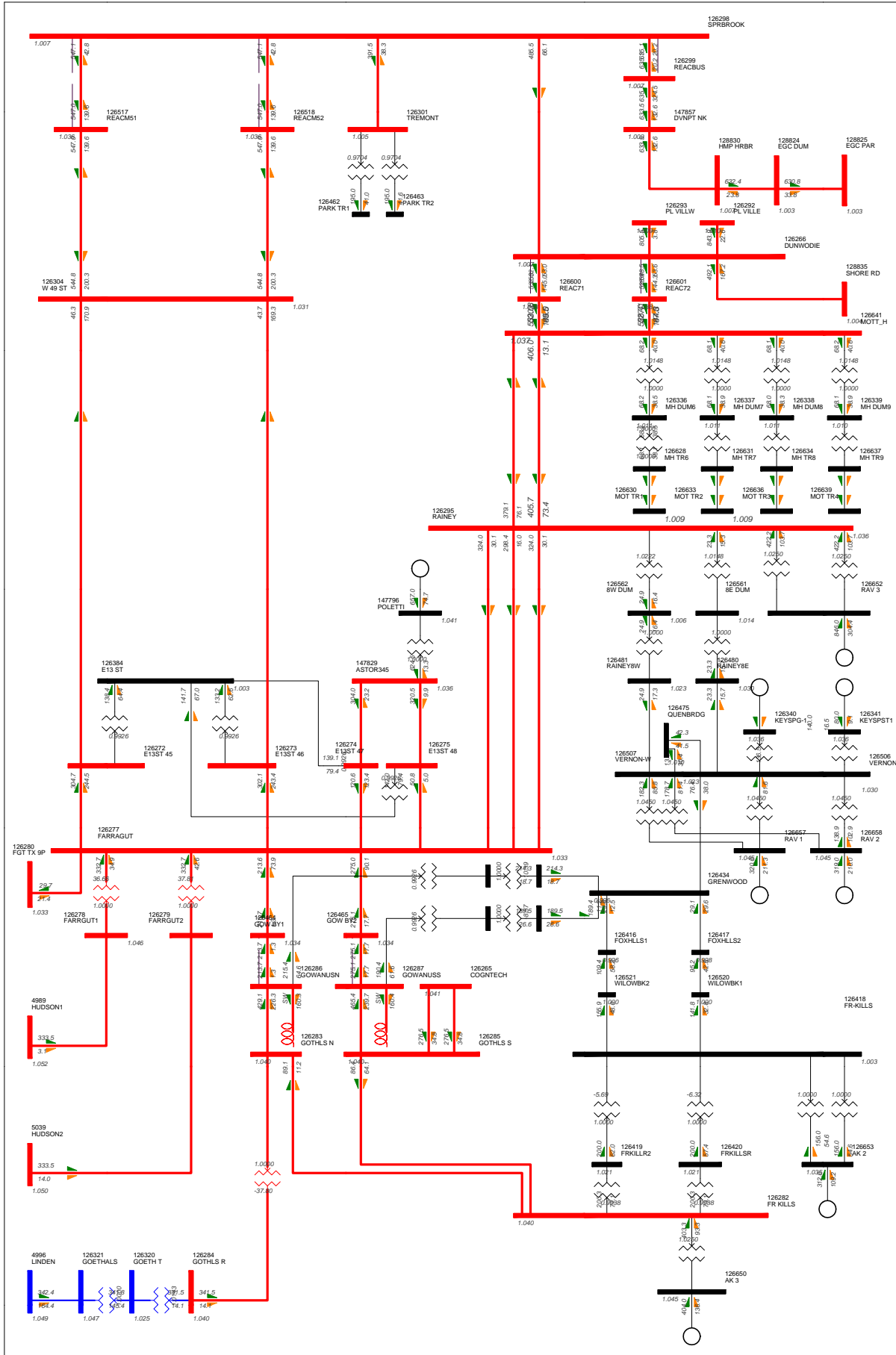
Bus - VOLTAGE (KV)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <-100.000>-<200.000-300.000 <->400.000-600.000 <->600.000



NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, APR 23 2008 17:27

EASTERN NYISO

Bus - VOLTAGE (PU/VANGLE)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <100.000=200.000=300.000 <=500.000=600.000



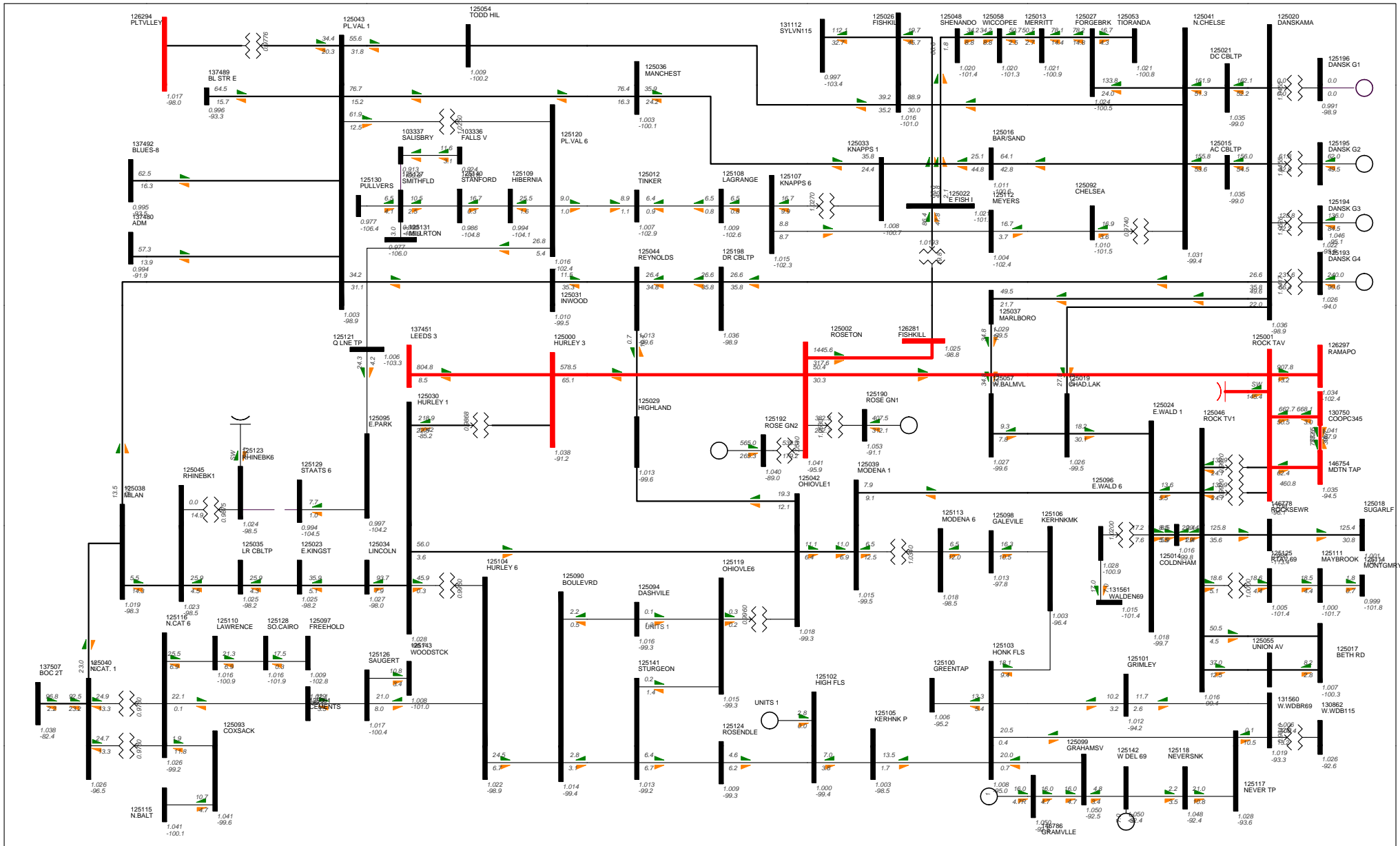
NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, APR 23 2008 17:51

3) Southern NYISO

Bus - VOLTAGE (PU)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <=138.000 <=230.000 <=345.000 >345.000

Bus - VOLTAGE (PU)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR

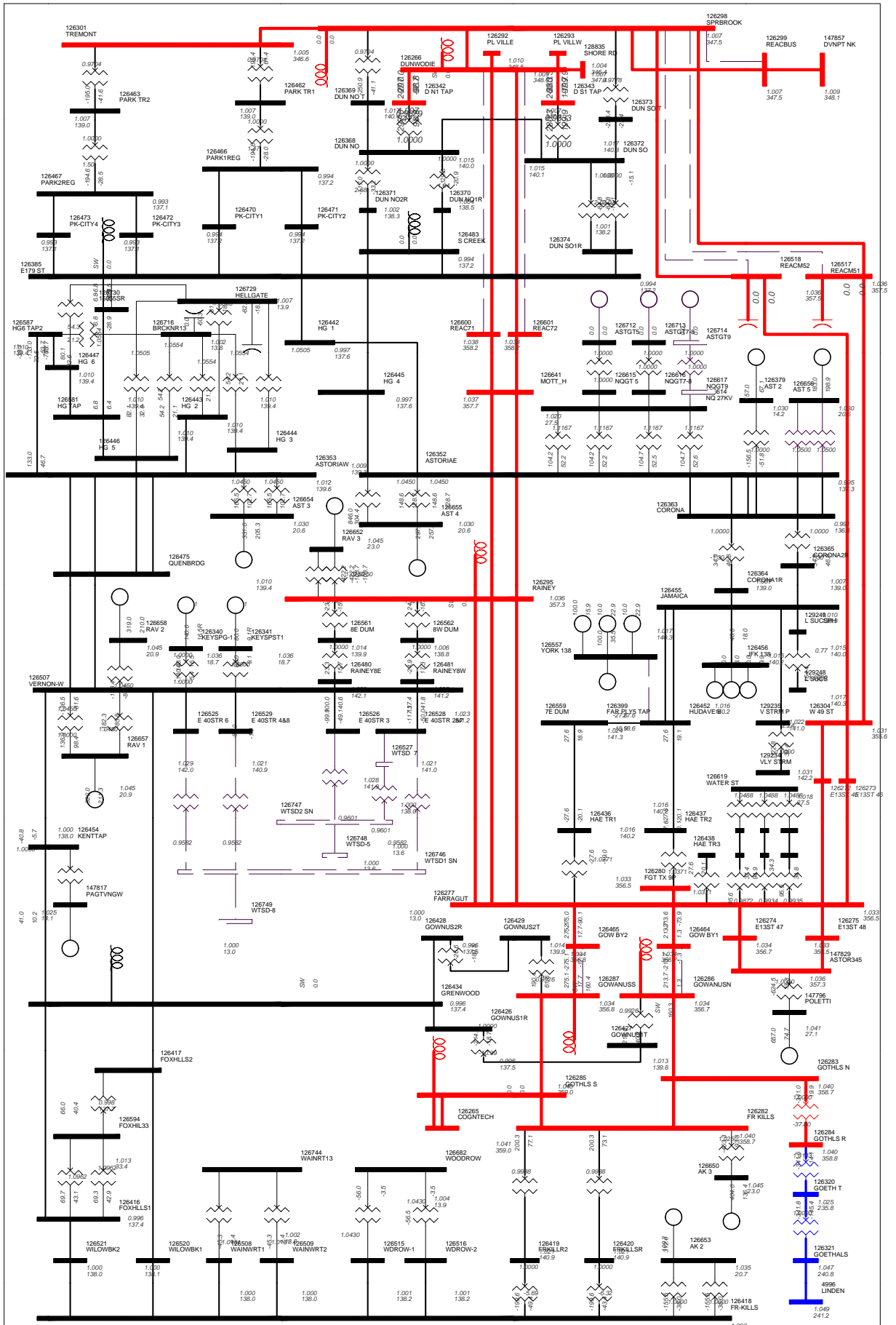




NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, APR 23 2008 17:22

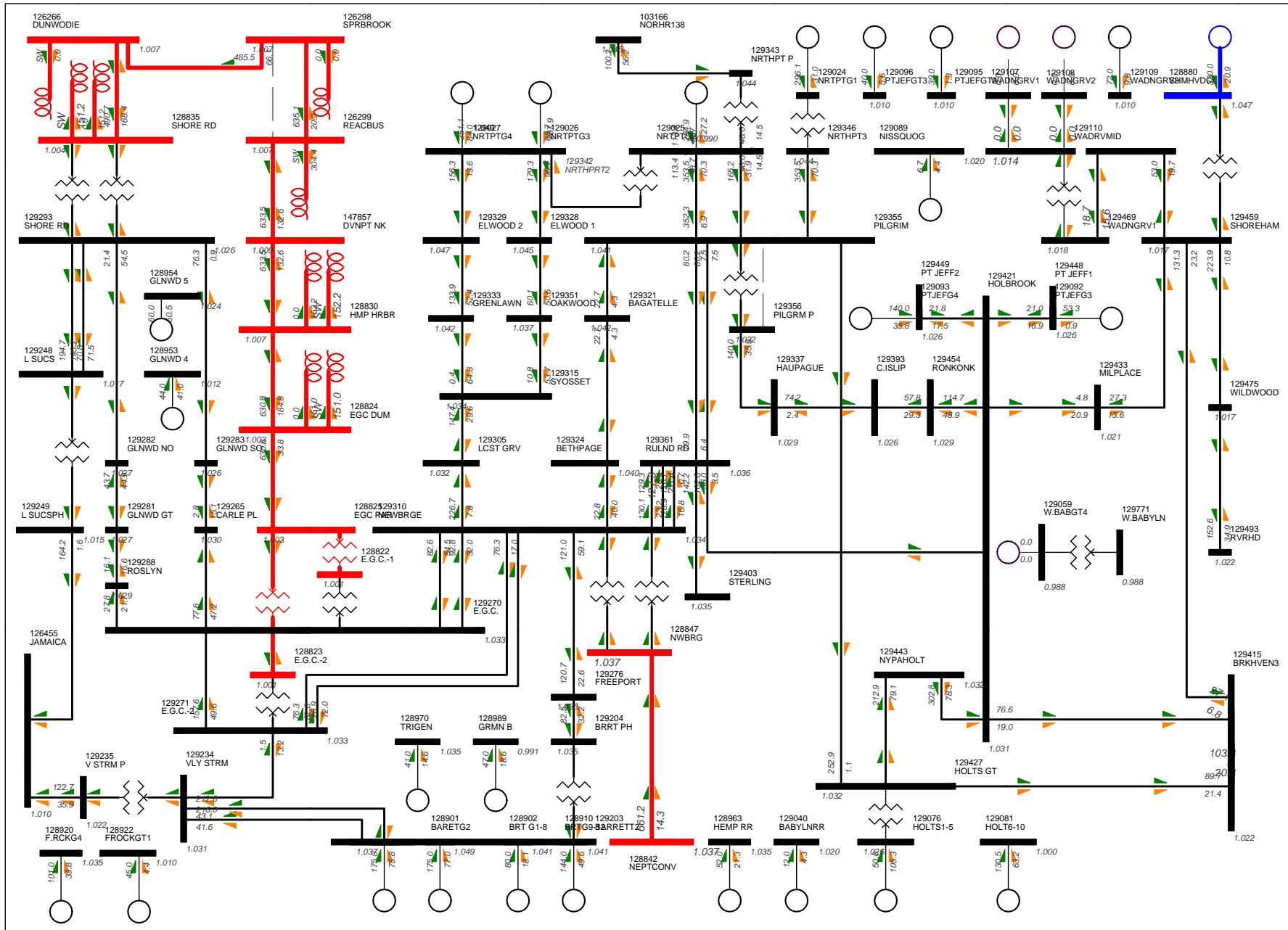
4) CH2

Bus - VOLTAGE (PU)/ANGLE  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV - <=100,000 <=200,000 <=300,000 <=500,000 >500,000



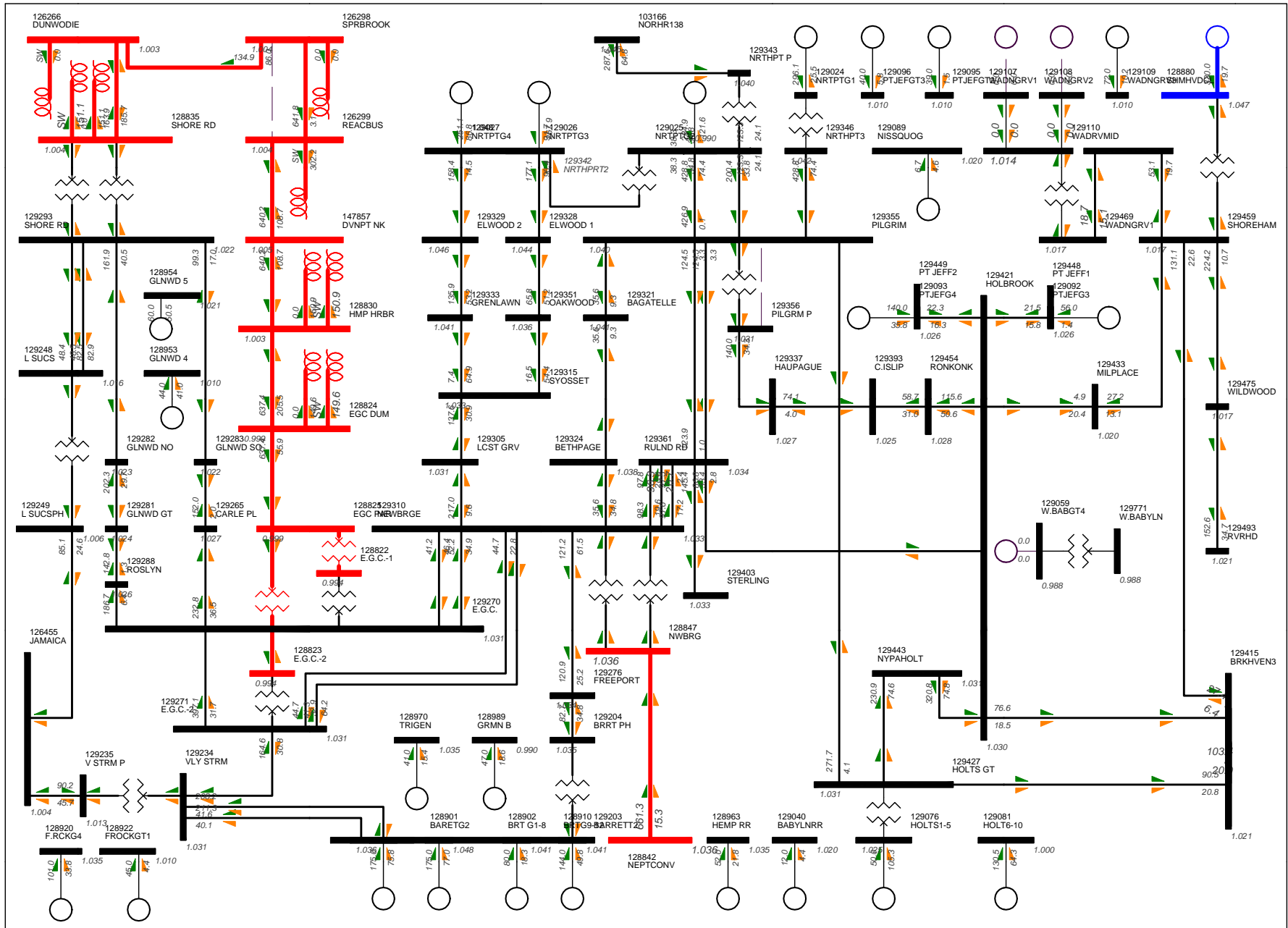
NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, APR 23 2008 17:15

Bus - VOLTAGE (KV/PU)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <=34.000 <=150.000 <=300.000 <=600.000 <=1000.000 <=1000.000



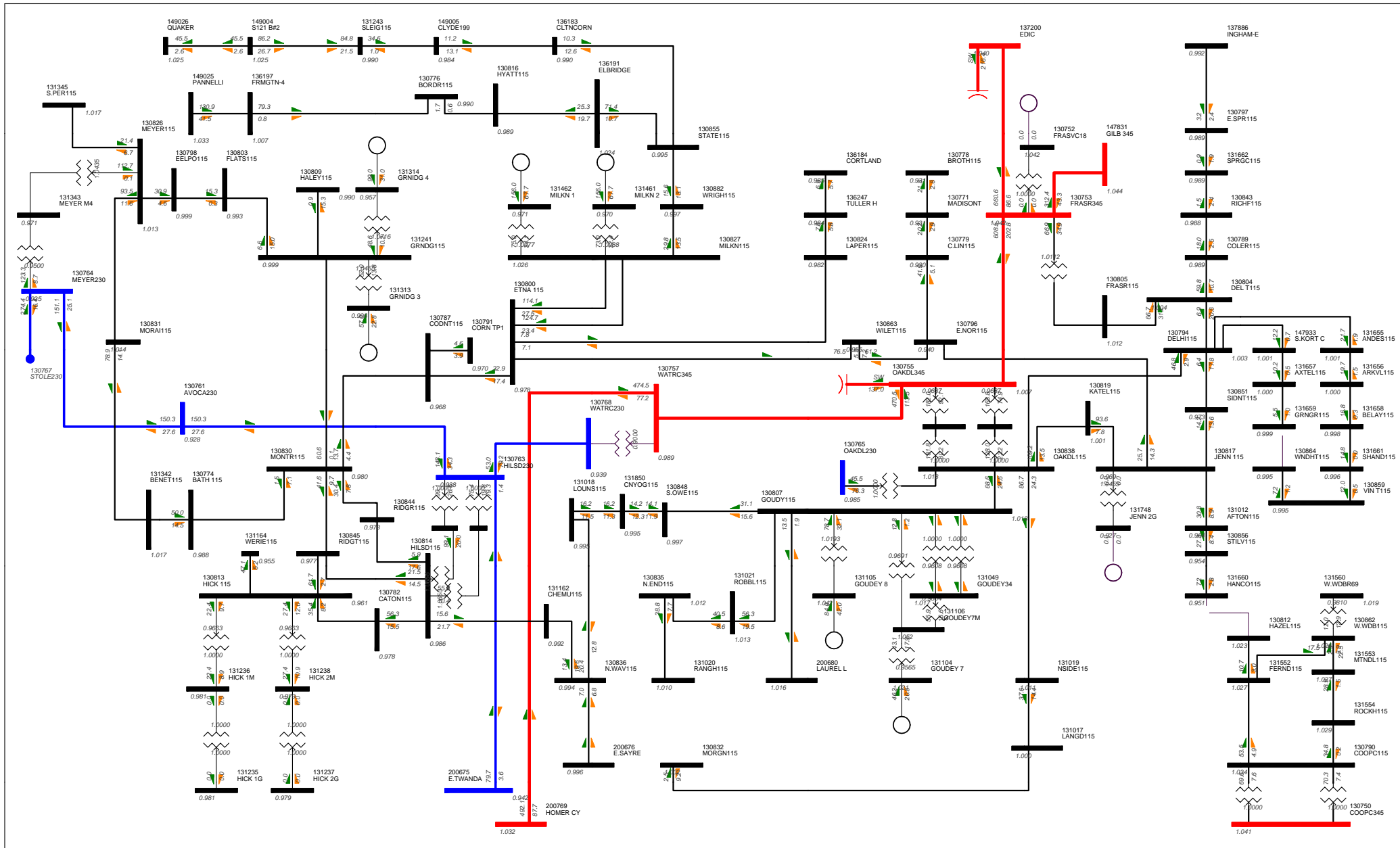
NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, APR 23 2008 17:30

Bus - VOLTAGE (PU)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <=69.000 <=138.000 <=230.000 <=345.000 >345.000



NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 LIPA EMERGENCY IMPORT CASE  
 WED, APR 23 2008 18:11

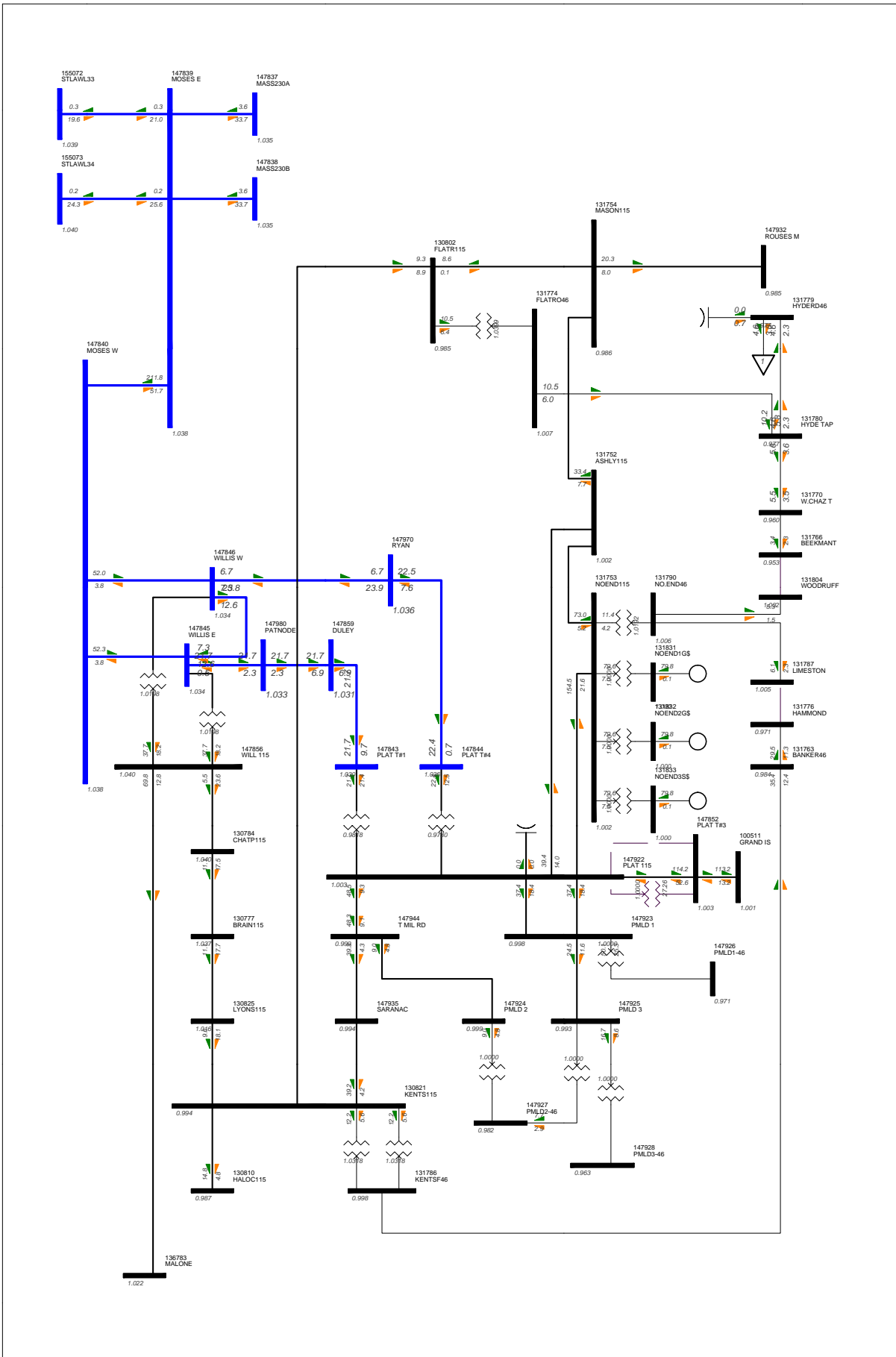
Bus - VOLTAGE (PU)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <=69.000 <=138.000 <=230.000 <=345.000 >345.000



NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, APR 23 2008 17:35

NYSEG

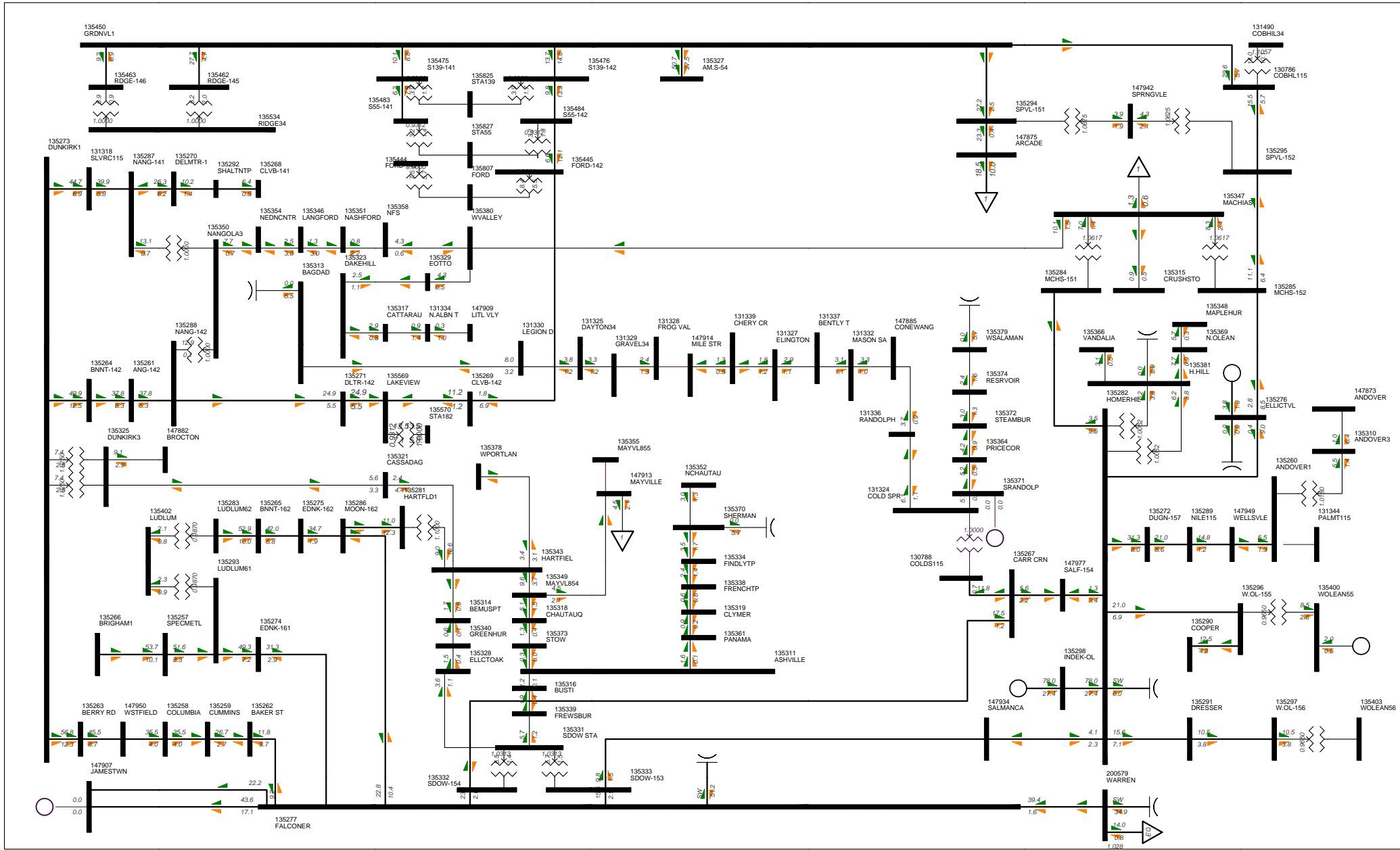
Bus - VOLTAGE (PU)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <math>100.000</math> <math>200.000</math> <math>300.000</math> <math>500.000</math> <math>500.000</math>



NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, APR 23 2008 17:43

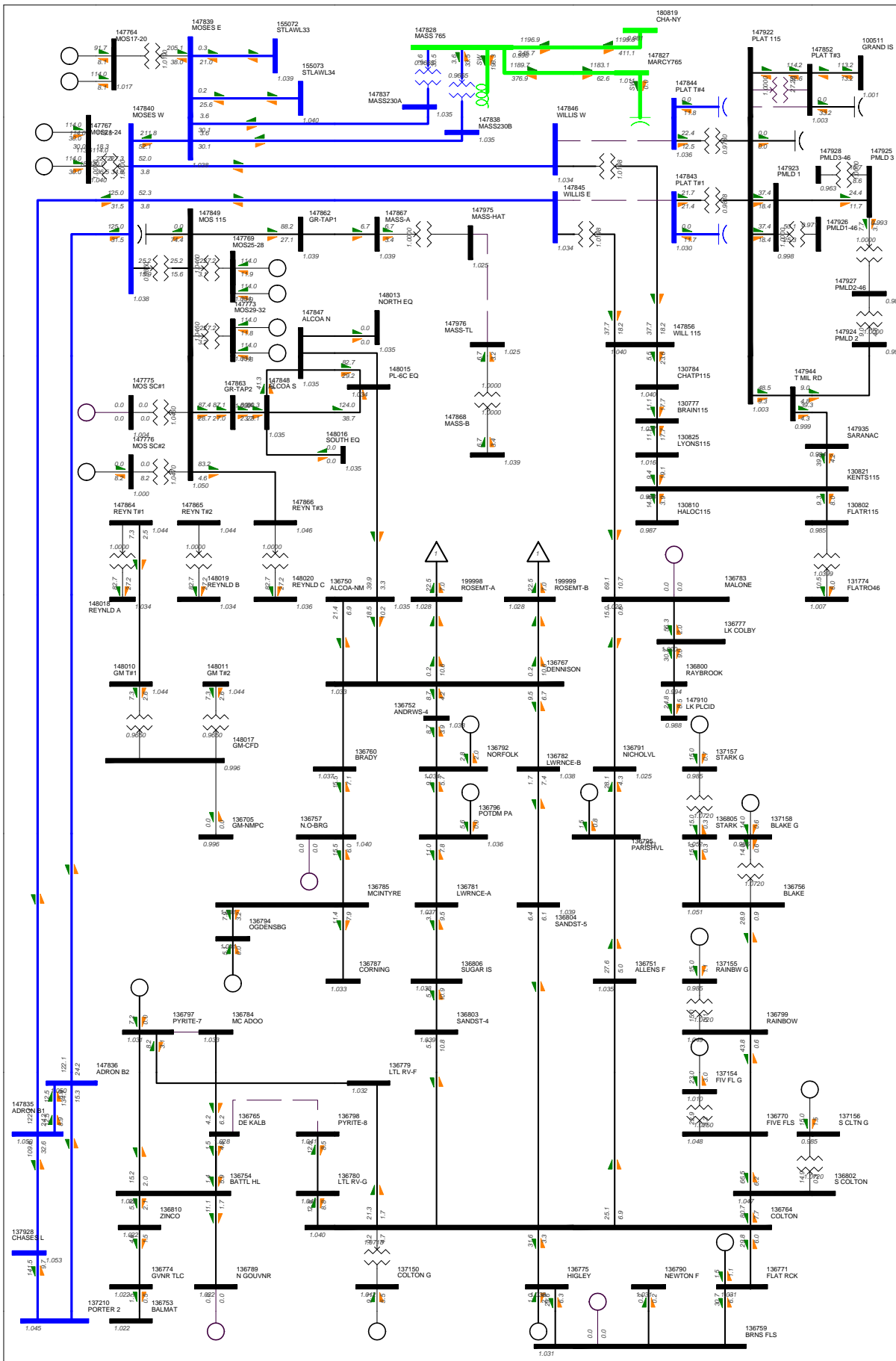
Bus - VOLTAGE (kV)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <=100.000>=200.000<300.000 <=400.000<500.000 >500.000

PLATT



NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, APR 23 2008 17:35  
 NG - SOUTHWEST

Bus - VOLTAGE (KV)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <=100.000 <=200.000 <=300.000 <=500.000 >500.000

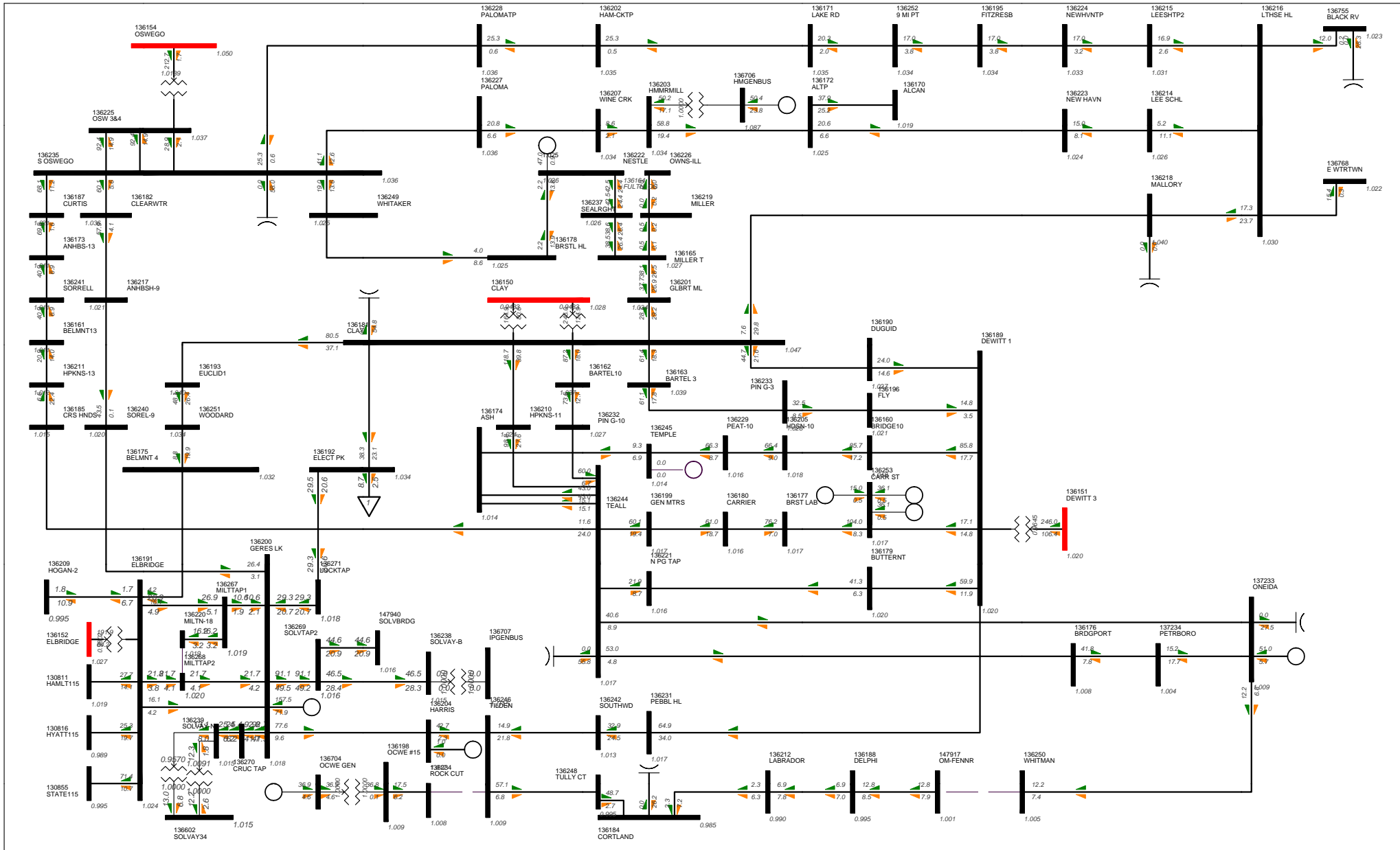


NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, APR 23 2008 17:32

Bus - VOLTAGE (PU)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <=100.000<=200.000<=300.000 <=500.000 <=800.000

NG NORTH

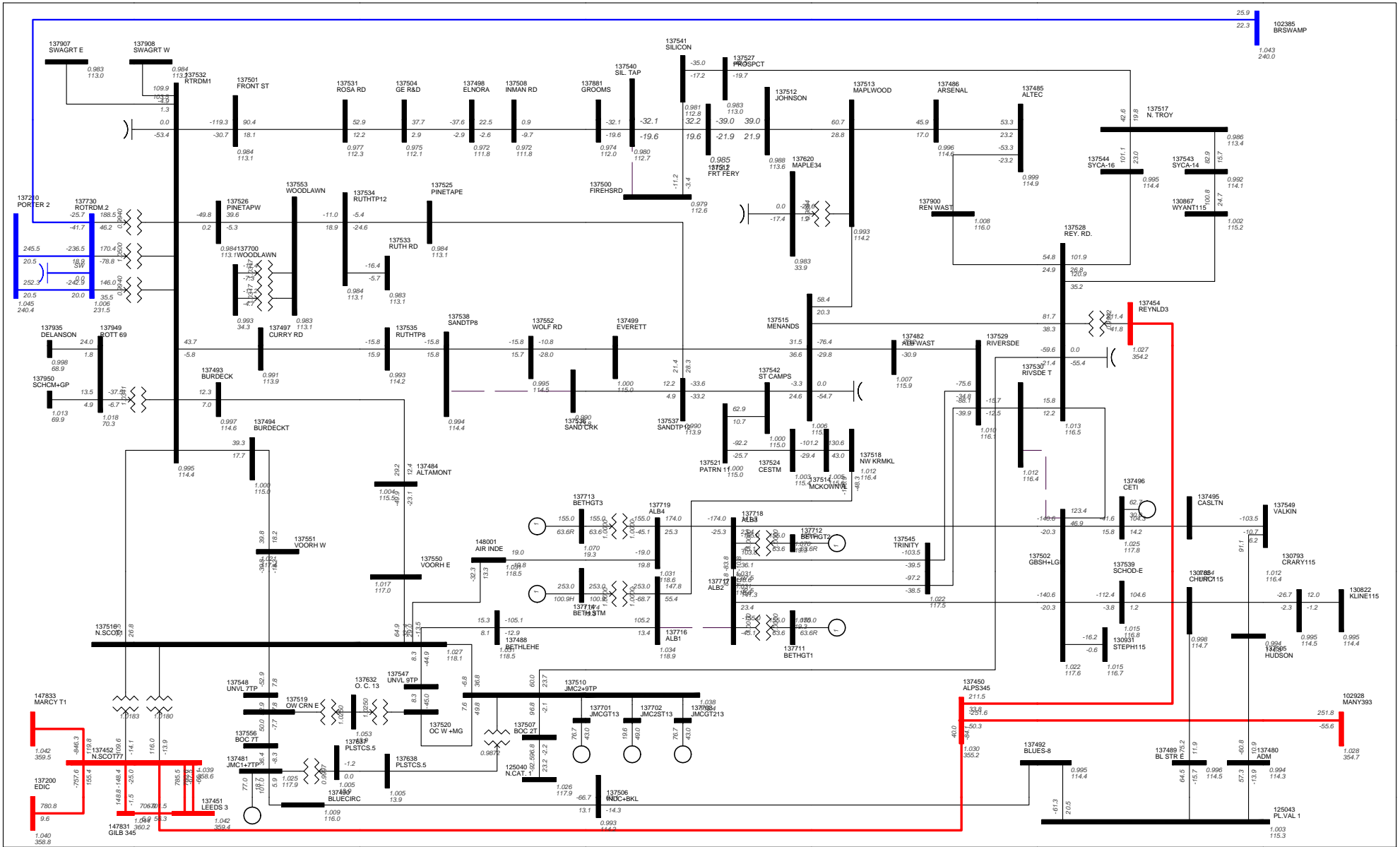




NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, APR 23 2008 17:34

Bus - VOLTAGE (PU)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <=100.000 <=200.000 <=300.000 <=500.000 >500.000

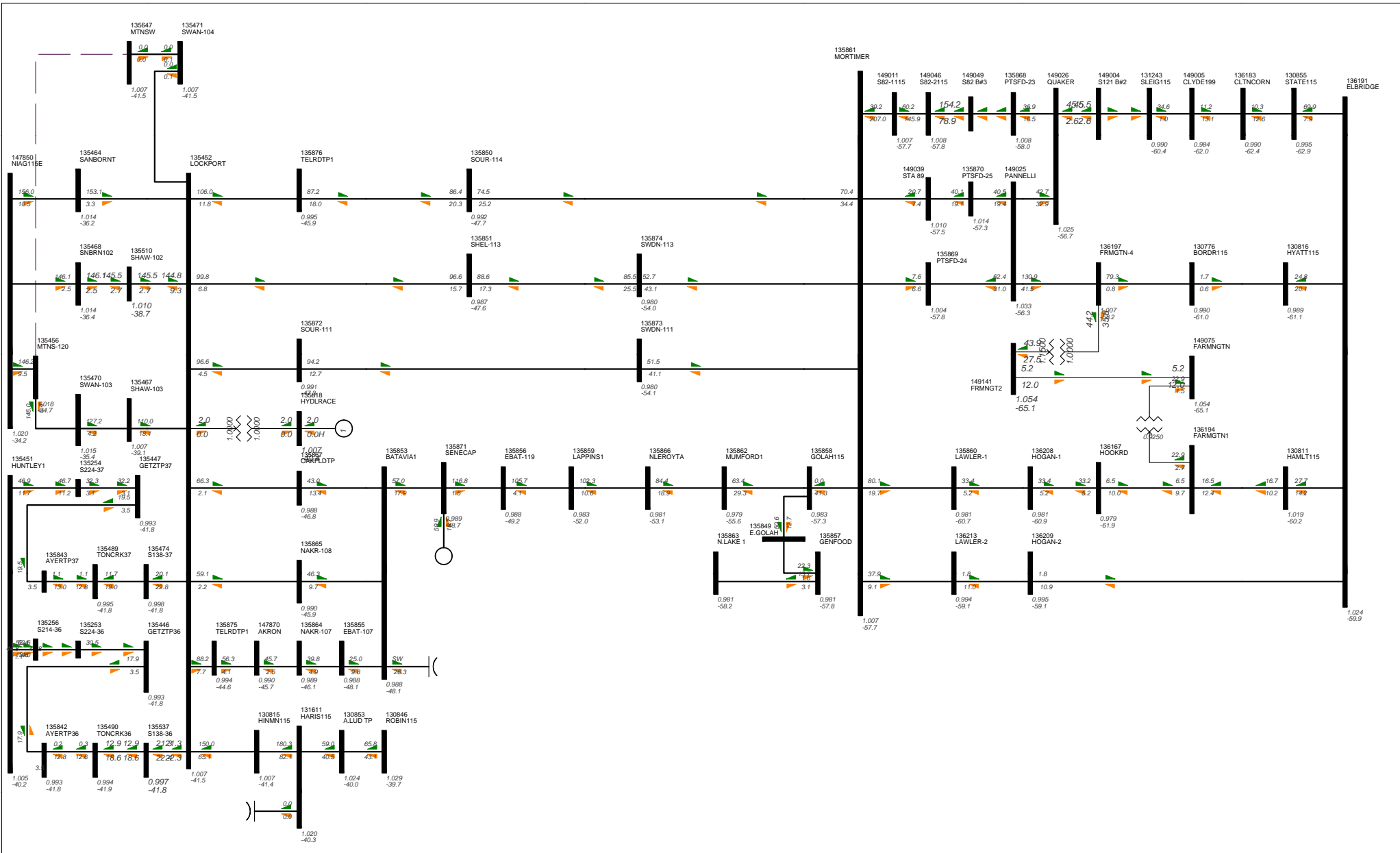
NG - SYRACUS



NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, APR 23 2008 16:53

Bus - VOLTAGE (KV/PU)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <--150.000 <--300.000 <--400.000 <--600.000 <--1000.000 >1000.000

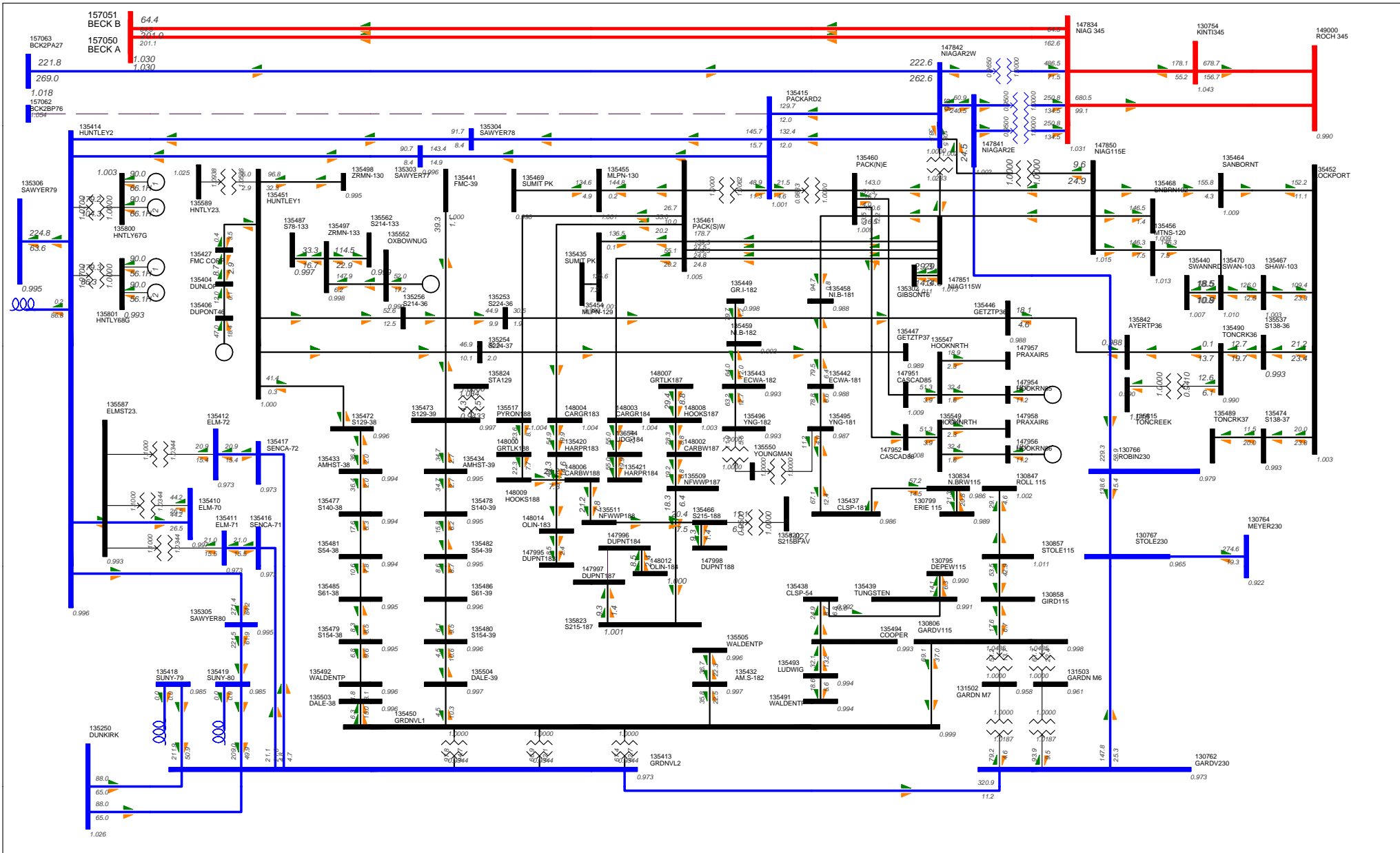
1) Albany



NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, APR 23 2008 17:30

Bus - VOLTAGE (PU)/ANGLE  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <=100.000 <=200.000 <=300.000 <=500.000 >500.000

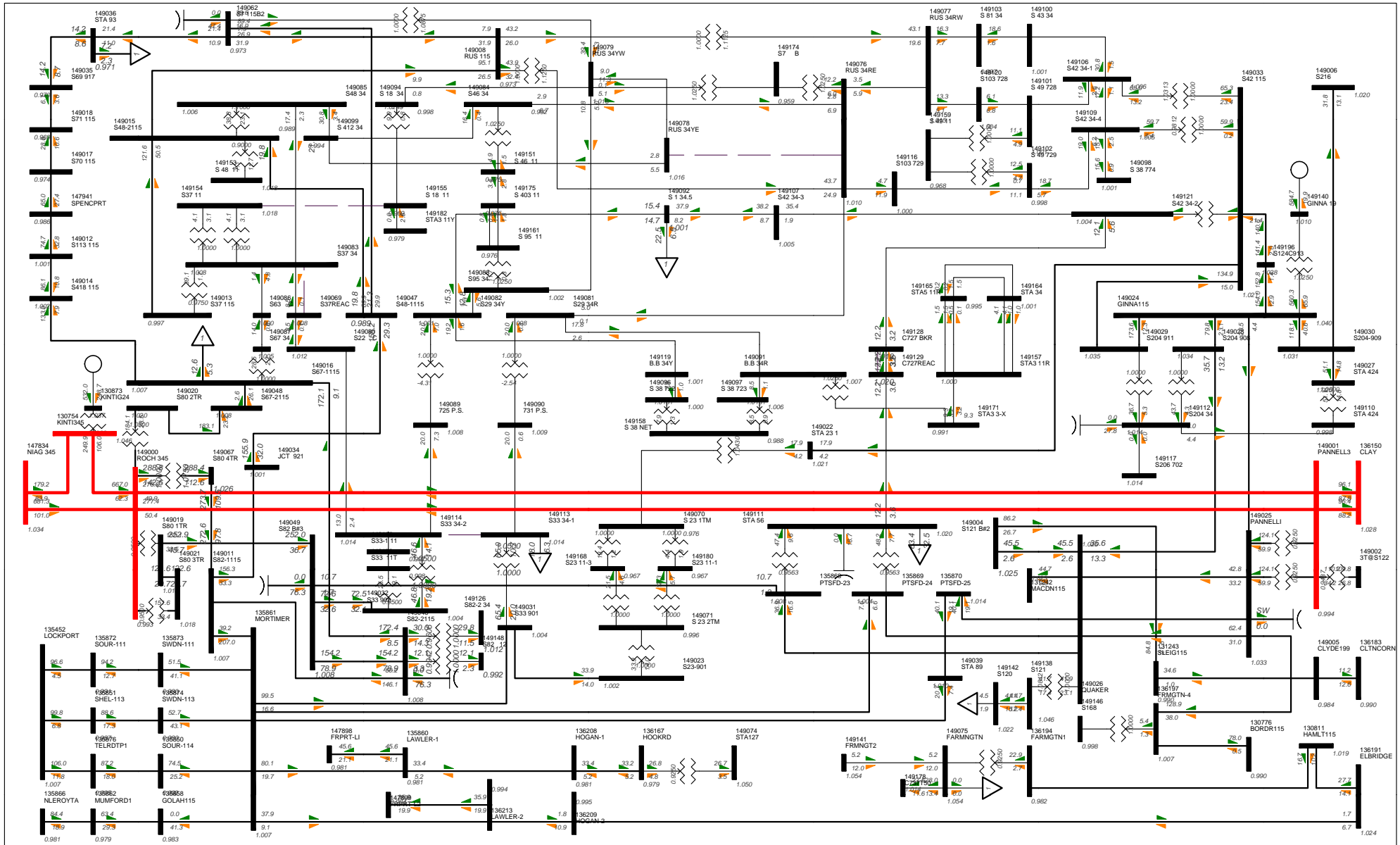
NG LOCKPORT



NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, MAY 07 2008 14:44  
 2) Buf

Bus - VOLTAGE (PU)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <=100.000 <=200.000 <=300.000 <=400.000 <=600.000 >600.000

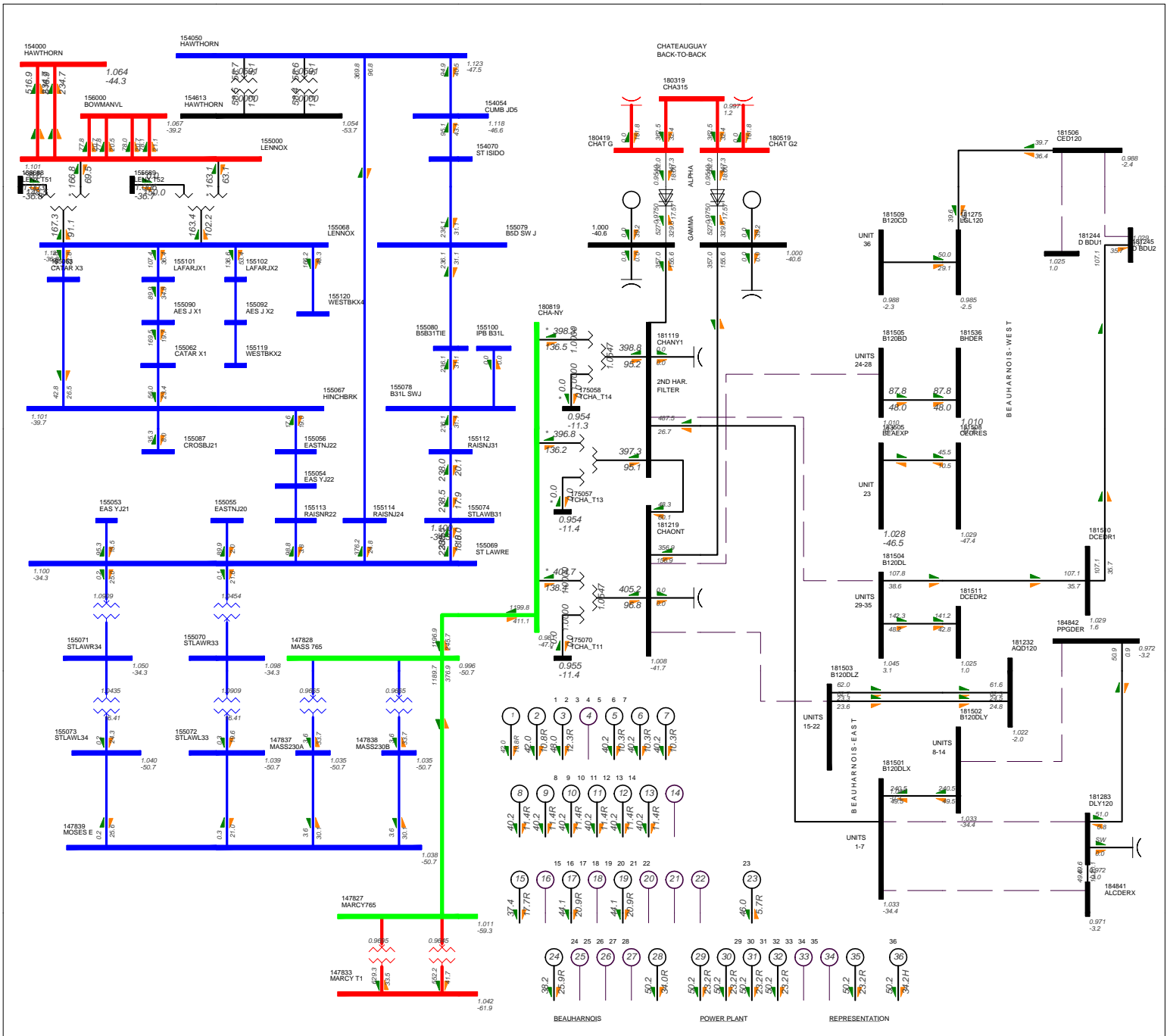




NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, APR 23 2008 17:47

Bus - VOLTAGE (KV)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <=100.000 <=200.000 <=300.000 <=400.000 <=600.000 >600.000

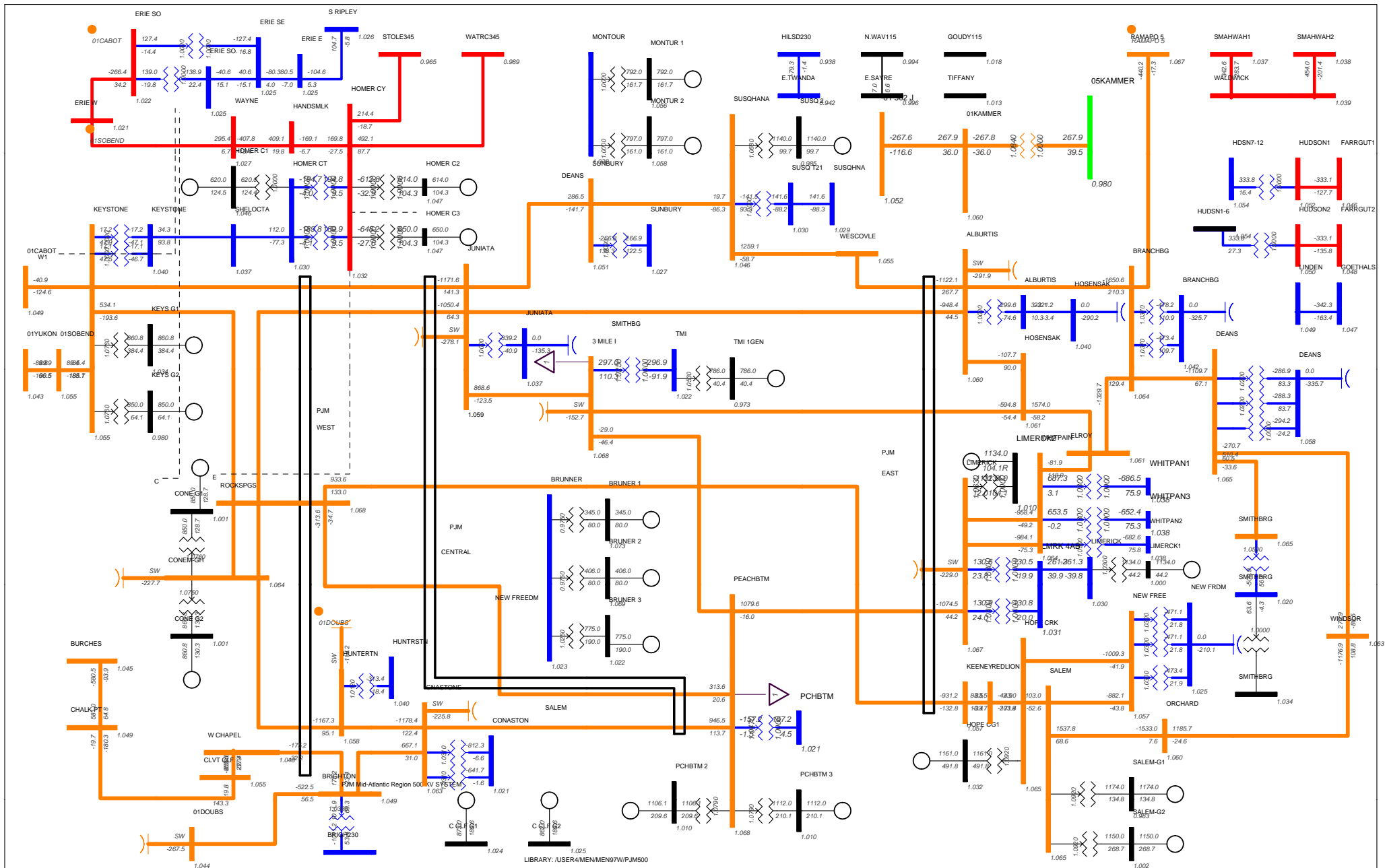
RG&E



NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 THU, APR 24 2008 19:55

5) Chat

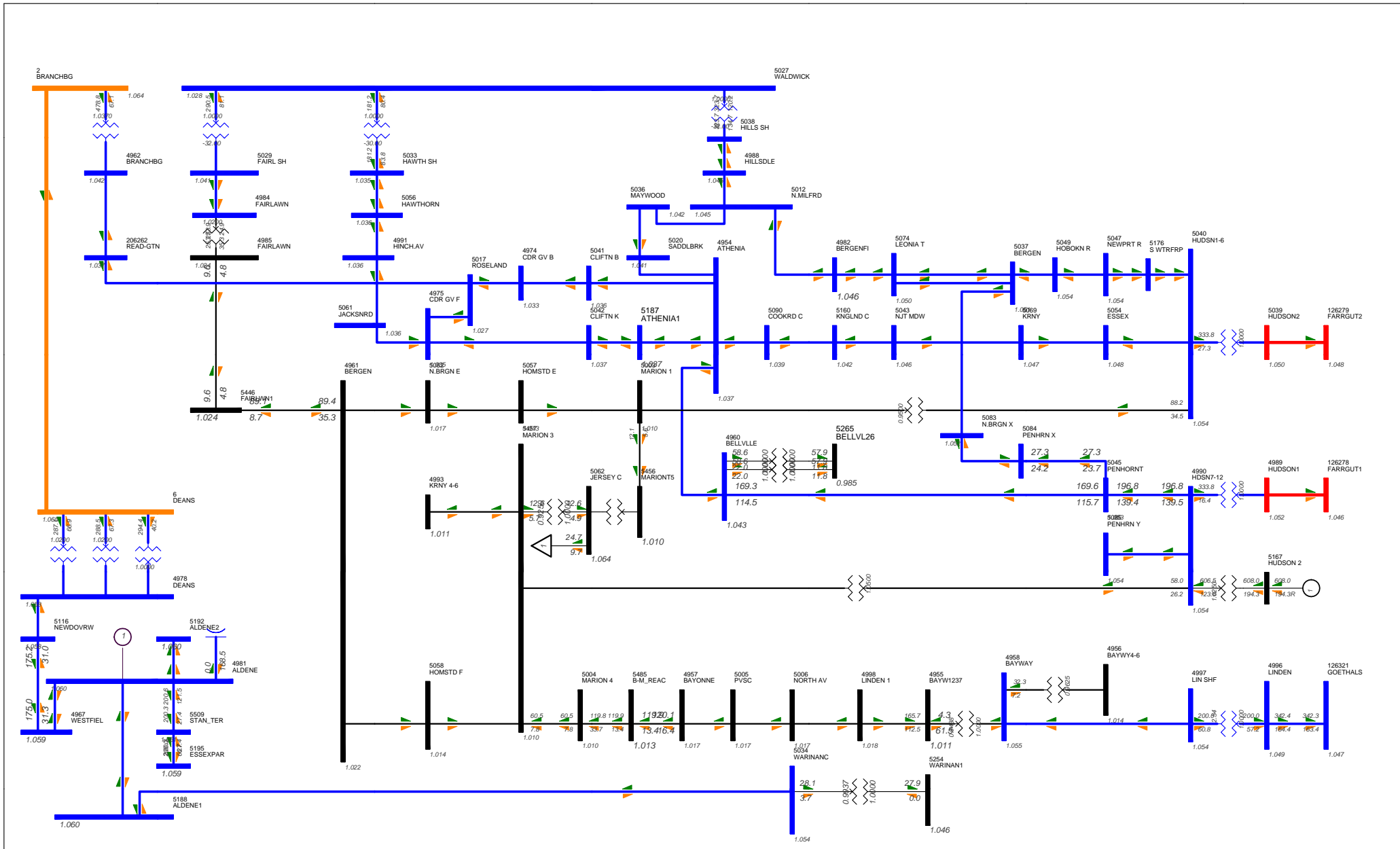
Bus - VOLTAGE (PU)/ANGLE  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <=34.000 <=150.000 <=300.000 <=600.000 <=1000.000 >1000.000



NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, APR 23 2008 17:39

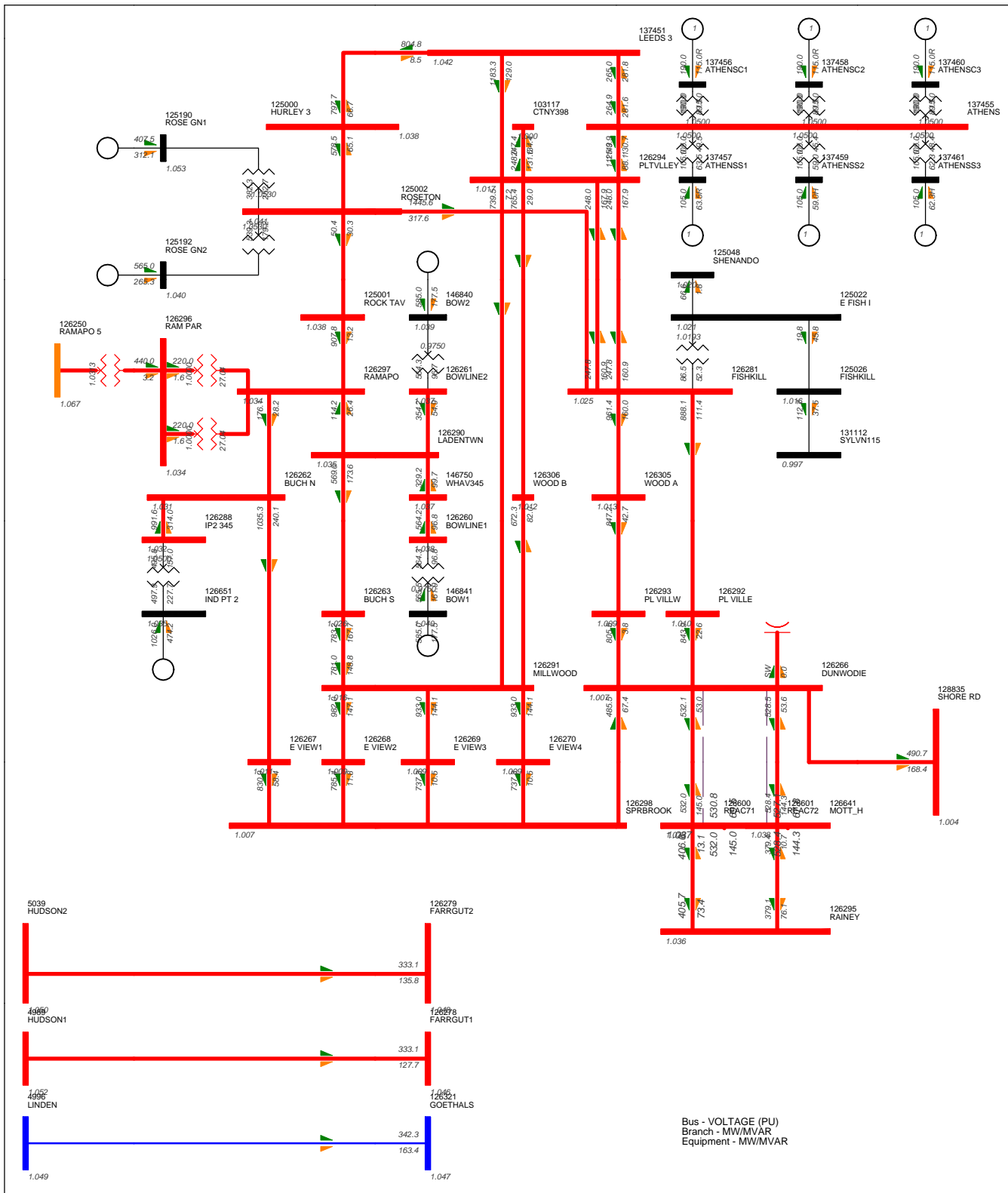
Bus - VOLTAGE (PU)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <=100,000 <=200,000 <=300,000 <=400,000 <=500,000 >=600,000





NYISO 2008 SUMMER OPERATING STUDY BASECASE  
 2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
 WED, APR 23 2008 17:46

Bus - VOLTAGE (PU)  
 Branch - MW/MVAR  
 Equipment - MW/MVAR  
 KV: <=100.000 <=200.000 <=300.000 <=400.000 <=600.000 >600.000



NYISO 2008 SUMMER OPERATING STUDY BASECASE  
2008 SUMMER PEAK BASE CASE - RAMAPO SCHED CORRECTED  
WED, APR 23 2008 17:52