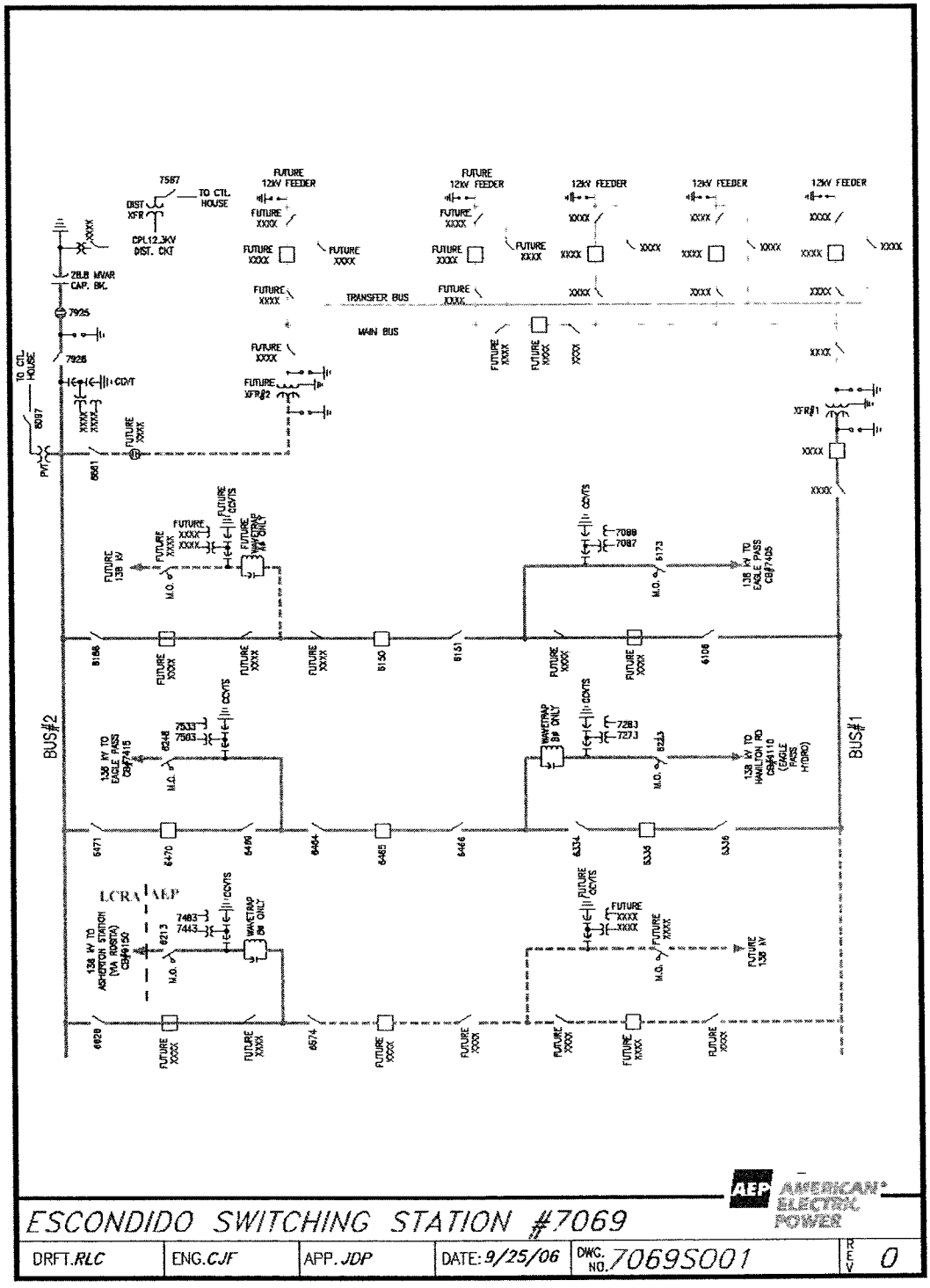
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party , will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the AEP and LCRA control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.


ESCONDIDO SWITCHING STATION #7069
AEP AMERICAN ELECTRIC POWER
DRFT.RLC
ENG.CJF
APP. JDP
DATE: 9/25/06
DWG. NO. 7069S001
REV 0
BUS#2
BUS#1
TRANSFER BUS
MAIN BUS
FUTURE 12kV FEEDER
12kV FEEDER
TO CTL HOUSE
DIST XFR
CPL 12.2kV DIST. CKT
28.8 MVAR CAP. BK.
FUTURE XFR#2
XFR#1
FUTURE 138 kV
138 kV TO EAGLE PASS CKT#415
138 kV TO HAMILTON RD (EAGLE PASS HYDRO)
138 kV TO ASHERTON STATION (VA ROSITA) CKT#1150
LCRA AEP
WAVETRAP BY ONLY
CCVTS
M.O.

FACILITY SCHEDULE NO. 29

1. Name: **Uvalde**

2. Location: The Uvalde Substation is located in Uvalde, Texas in Uvalde County. The Point of Interconnection is at the termination of the 138 kV transmission line from the Asphalt Mines Substation where the jumper conductors from the substation equipment physically contact the connectors on 138 kV transmission line conductors.

3. Delivery Voltage: 138 kV

4. Metered Voltage: 138 kV

5. Normal Operation of Interconnection: Closed

6. One-Line Diagram Attached: Yes

7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Uvalde Substation and all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- the following transmission line(s) comprised of structures, easements, conductors, insulators, and connecting hardware:
  - Uvalde to Moore 138 kV transmission line
  - Uvalde to West Batesville 138 kV transmission line
  - Uvalde to Turtle Creek 69 kV transmission line
  - Uvalde to Camp Wood 69 kV transmission line
  - Uvalde to Sabinal 69 kV transmission line
- a four-wire RTU communication circuit from the station to the AEP control center
- any distribution line easements and under-built distribution voltage circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission line from the Asphalt Mines station
- the following transmission line(s) comprised of structures, conductors, insulators, easements, shield wires and connecting hardware:
  - Uvalde to Asphalt Mines 138 kV transmission line

8. Facility Operation Responsibilities of the Parties:

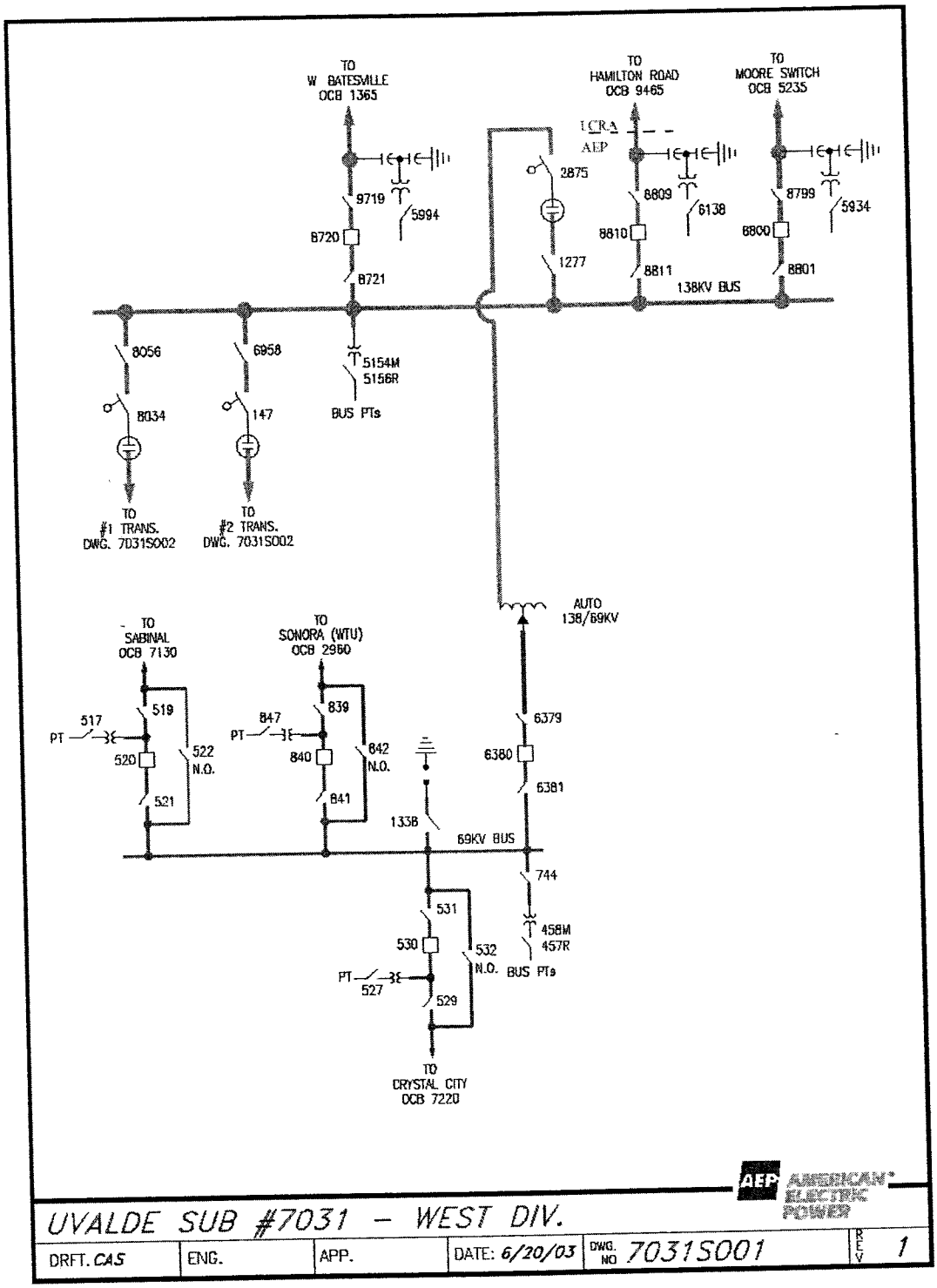
- AEP controls and operates the Uvalde Substation, including all facilities within it
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party , will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the AEP and LCRA control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.


TO
W BATESVILLE
OCB 1365
TO
HAMILTON ROAD
OCB 9465
TO
MOORE SWITCH
OCB 5235
UCRA
AEP
9719
5994
8720
8721
2875
1277
8809
6138
8810
8811
138KV BUS
8799
5934
8800
8801
8056
8034
6958
147
5154M
5156R
BUS PTs
TO
#1 TRANS.
DWG. 7031S002
TO
#2 TRANS.
DWG. 7031S002
AUTO
138/69KV
TO
SABINAL
OCB 7130
TO
SONORA (WTU)
OCB 2960
517
PT
519
520
522
N.O.
521
847
PT
839
840
842
N.O.
841
6379
6380
6381
1338
69KV BUS
744
531
530
532
N.O.
PT
527
529
458M
457R
BUS PTs
TO
CRYSTAL CITY
OCB 7220
AEP
AMERICAN
ELECTRIC
POWER
UVALDE SUB #7031 - WEST DIV.
DRFT. CAS
ENG.
APP.
DATE: 6/20/03
DWG. NO 7031S001
REV 1

FACILITY SCHEDULE NO. 30

1. Name: **Asphalt Mines**

2. Location: The Asphalt Mines Substation is located near Blewett, Texas in Uvalde County. There are two Points of Interconnection at the Asphalt Mines Substation. One is at the termination of the 138 kV transmission line from the Brackettville Substation and the other is at the termination of the 138 kV transmission line from the Uvalde Substation. Both Points of Interconnection are at the point where the jumper conductors from the substation switches physically contact the connectors on the 138 kV transmission line conductors.

3. Delivery Voltage: 138 kV

4. Metered Voltage: 138 kV

5. Normal Operation of Interconnection: Closed

6. One-Line Diagram Attached: Yes

7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Asphalt Mines Substation and all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- a four-wire RTU communication circuit from the station to the AEP control center
- any distribution line easements and under-built distribution voltage circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission lines from the Brackettville and Uvalde stations
- the following transmission line(s) comprised of structures, conductors, insulators, easements. shield wires and connecting hardware:
  - Asphalt Mines to Brackettville 138 kV transmission line
  - Asphalt Mines to Uvalde 138 kV transmission line

8. Facility Operation Responsibilities of the Parties:

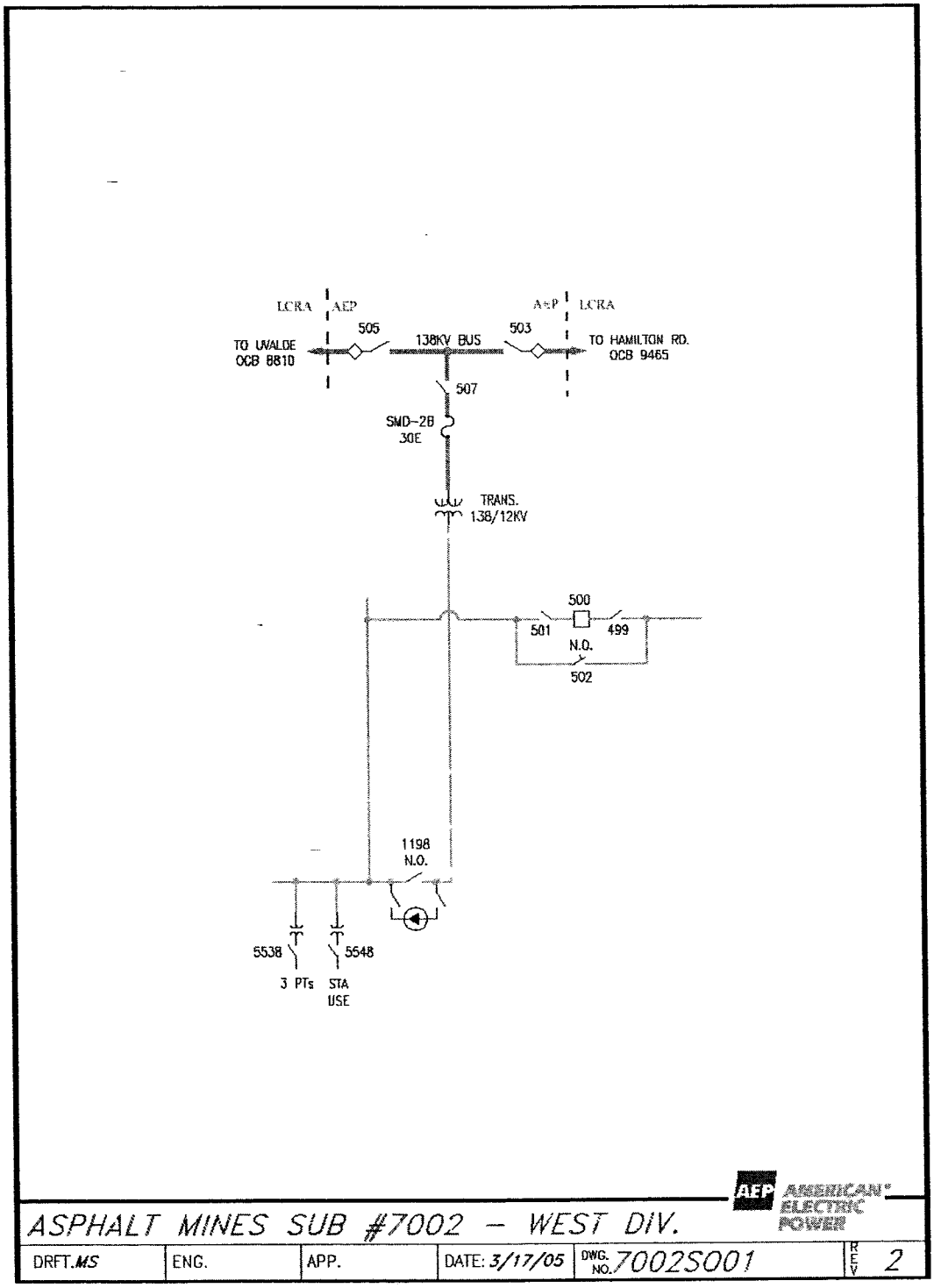
- AEP controls and operates the Asphalt Mines Substation, including all facilities within it
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party , will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the AEP and LCRA control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.


LCRA
AEP
505
138KV BUS
503
AEP
LCRA
TO UVALDE
OCB 8810
TO HAMILTON RD.
OCB 9465
507
SMD-2B
30E
TRANS.
138/12KV
500
501
499
N.O.
502
1198
N.O.
5538
5548
3 PTs
STA
USE
ASPHALT MINES SUB #7002 - WEST DIV.
AEP AMERICAN ELECTRIC POWER
DRFT. MS
ENG.
APP.
DATE: 3/17/05
DWG. NO. 7002S001
REV 2

FACILITY SCHEDULE NO. 31

1. Name: **Brackettville**

2. Location: The Brackettville Substation is located near Brackettville, Texas in Kinney County. There are two Points of Interconnection at the Brackettville Substation. One is at the termination of the 138 kV transmission line from the Hamilton Road Substation and the other is at the termination of the 138 kV transmission line from the Asphalt Mines Substation. Both Points of Interconnection are at the point where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.

3. Delivery Voltage: 138 kV

4. Metered Voltage: 138 kV

5. Normal Operation of Interconnection: Closed

6. One-Line Diagram Attached: Yes

7. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- the Brackettville Substation and all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- a four-wire RTU communication circuit from the station to the AEP control center
- any distribution line easements and under-built distribution voltage circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission lines from the Hamilton Road and Asphalt Mines stations
- the following transmission line(s) comprised of structures, conductors, insulators, easements, shield wires and connecting hardware:
  - Brackettville to Hamilton Road 138 kV transmission line
  - Brackettville to Asphalt Mines 138 kV transmission line

8. Facility Operation Responsibilities of the Parties:

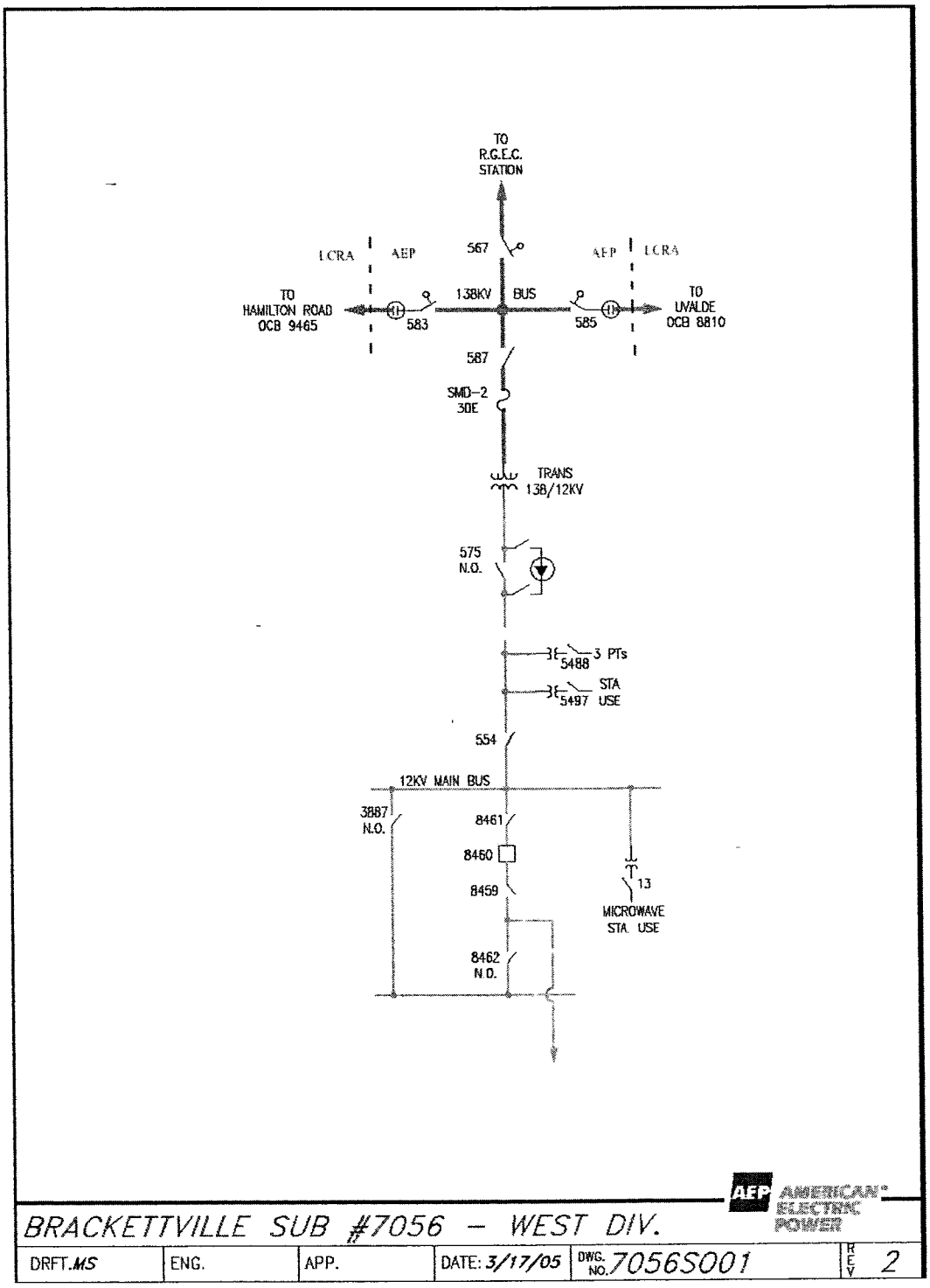
- AEP controls and operates the Brackettville Substation, including all facilities within it
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party , will be subject to review and approval by the other Party.

9. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

10. Other Terms and Conditions:

- AEP will poll the AEP RTU installed at the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the AEP and LCRA control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.


TO
R.G.E.C.
STATION
LCRA
AEP
567
AEP
LCRA
TO
HAMILTON ROAD
OCB 9465
138KV BUS
583
585
TO
UVALDE
OCB 8810
587
SMD-2
30E
TRANS
138/12KV
575
N.O.
5488
3 PTs
5497
STA
USE
554
12KV MAIN BUS
3887
N.O.
8461
8460
8459
13
MICROWAVE
STA. USE
8462
N.O.
AEP AMERICAN ELECTRIC POWER
BRACKETTVILLE SUB #7056 – WEST DIV.
DRFT. MS
ENG.
APP.
DATE: 3/17/05
DWG. NO. 7056S001
REV 2

FACILITY SCHEDULE NO. 32
Terminated

1. Name: **Hamilton Road**

FACILITY SCHEDULE NO. 33

1. Name: **Pharr**

2. Location: The Pharr Substation is located in Pharr, Texas in Hidalgo County. The Point of Interconnection is at the termination of the 138 kV transmission line from the North Alamo Substation where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.

3. Delivery Voltage: 138 kV

4. Normal Operation of Interconnection: Closed

5. One-Line Diagram Attached: Yes

6. Facility Ownership Responsibilities of the Parties:

   AEP owns the following facilities:
   - Pharr Substation, including all the substation facilities within it
   - jumper conductors from the station facilities to the Point(s) of Interconnection
   - substation deadend structures that terminate all transmission lines into the AEP portion of the station
   - the following transmission line(s) comprised of structures, easements, conductors, insulators, and connecting hardware:
     - Pharr to Polk 138 kV transmission line
     - Pharr to MVEC Pharr 138 kV transmission line
   - any under-built distribution voltage circuits and OPGW shield/fiber aerial cable and fiber optic communications circuits attached to the transmission lines that terminate into the station

   LCRA owns the following facilities:
   - insulators and hardware on the deadend structures that terminate the 138 kV transmission line from the North Alamo Substation
   - the following transmission line(s) comprised of easements, licenses, structures, conductors, insulators, and connecting hardware:
     - Pharr to North Alamo 138 kV transmission line

7. Facility Operation and Maintenance Responsibilities of the Parties:

   - AEP controls and operates the Pharr Substation, including all facilities within it.
   - AEP controls and operates all transmission lines that terminate into the AEP portion of the station.

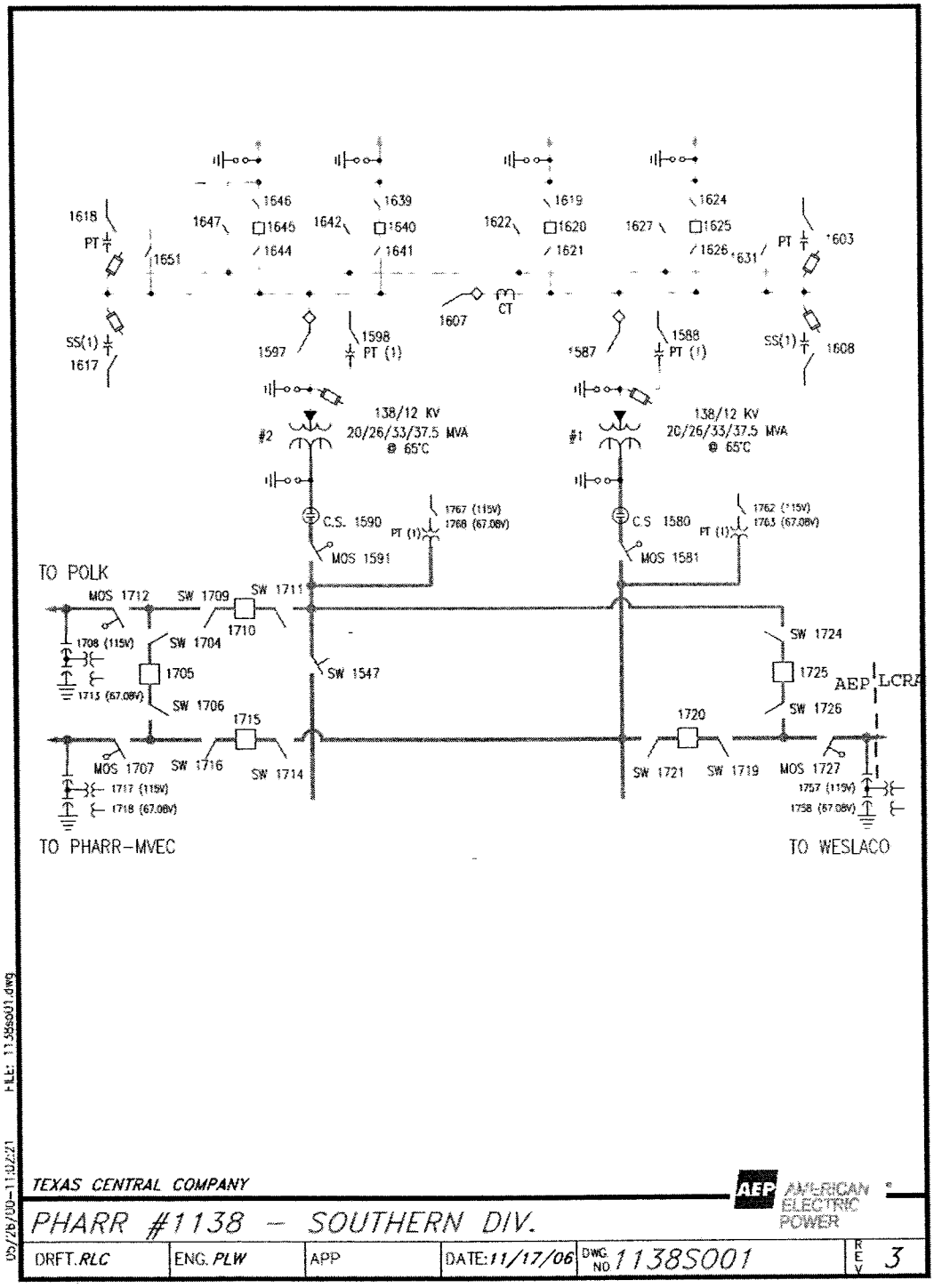
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party , will be subject to review and approval by the other Party.

8. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule

9. Other Terms and Conditions:

- AEP will poll the AEP RTU installed inside the station and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the Parties' control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.


1618
PT
1651
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1627
1624
1625
1626
1631
PT
1603
SS(1)
1617
1597
1598
PT (1)
1607
CT
1587
1588
PT (1)
SS(1)
1608
#2
138/12 KV
20/26/33/37.5 MVA
@ 65°C
#1
138/12 KV
20/26/33/37.5 MVA
@ 65°C
C.S. 1590
1767 (115V)
1768 (67.08V)
PT (1)
MOS 1591
C.S. 1580
1762 (115V)
1763 (67.08V)
PT (1)
MOS 1581
TO POLK
MOS 1712
SW 1709
SW 1711
1710
1708 (115V)
SW 1704
1705
1713 (67.08V)
SW 1706
1715
SW 1547
SW 1724
1725
AEP
LCRA
SW 1726
1720
MOS 1707
SW 1716
SW 1714
SW 1721
SW 1719
MOS 1727
1757 (115V)
1758 (67.08V)
1717 (115V)
1718 (67.08V)
TO PHARR–MVEC
TO WESLACO
FILE: 1138s001.dwg
05/26/00–11:02:21
TEXAS CENTRAL COMPANY
AEP AMERICAN ELECTRIC POWER
PHARR #1138 – SOUTHERN DIV.
DRFT. RLC
ENG. PLW
APP
DATE: 11/17/06
DWG NO 1138S001
REV 3

FACILITY SCHEDULE NO. 34

1. Name: **North Alamo**

2. Location: The North Alamo Substation is located in Alamo, Texas in Hidalgo County. There are two Points of Interconnection at the North Alamo Substation. One is at the termination of the 138 kV transmission line from the North Pharr Substation and the other is at the termination of the 138 kV transmission line from the Weslaco Switching Station. Both Points of Interconnection are at the point where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.

3. Delivery Voltage: 138 kV

4. Normal Operation of Interconnection: Closed

5. One-Line Diagram Attached: Yes

6. Facility Ownership Responsibilities of the Parties:

   AEP owns the following facilities:
   - North Alamo Substation, including all the substation facilities within it
   - jumper conductors from the station facilities to the Point(s) of Interconnection
   - substation deadend structures that terminate all transmission lines into the station
   - any under-built distribution voltage circuits and OPGW shield/fiber aerial cable and fiber optic communications circuits attached to the transmission lines that terminate into the station

   LCRA owns the following facilities:
   - insulators and hardware on the deadend structures that terminate the 138 kV transmission lines from the North Pharr station and Weslaco switching station
   - the following transmission line(s) comprised of easements, licenses, structures, conductors, insulators, and connecting hardware:
     - North Alamo to North Pharr 138 kV transmission line
     - North Alamo to Weslaco Switching Station 138 kV transmission line

7. Facility Operation and Maintenance Responsibilities of the Parties:

   - AEP controls and operates the North Alamo Substation, including all facilities within it.
   - AEP controls and operates all transmission lines that terminate into the station.
   - AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities

shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.

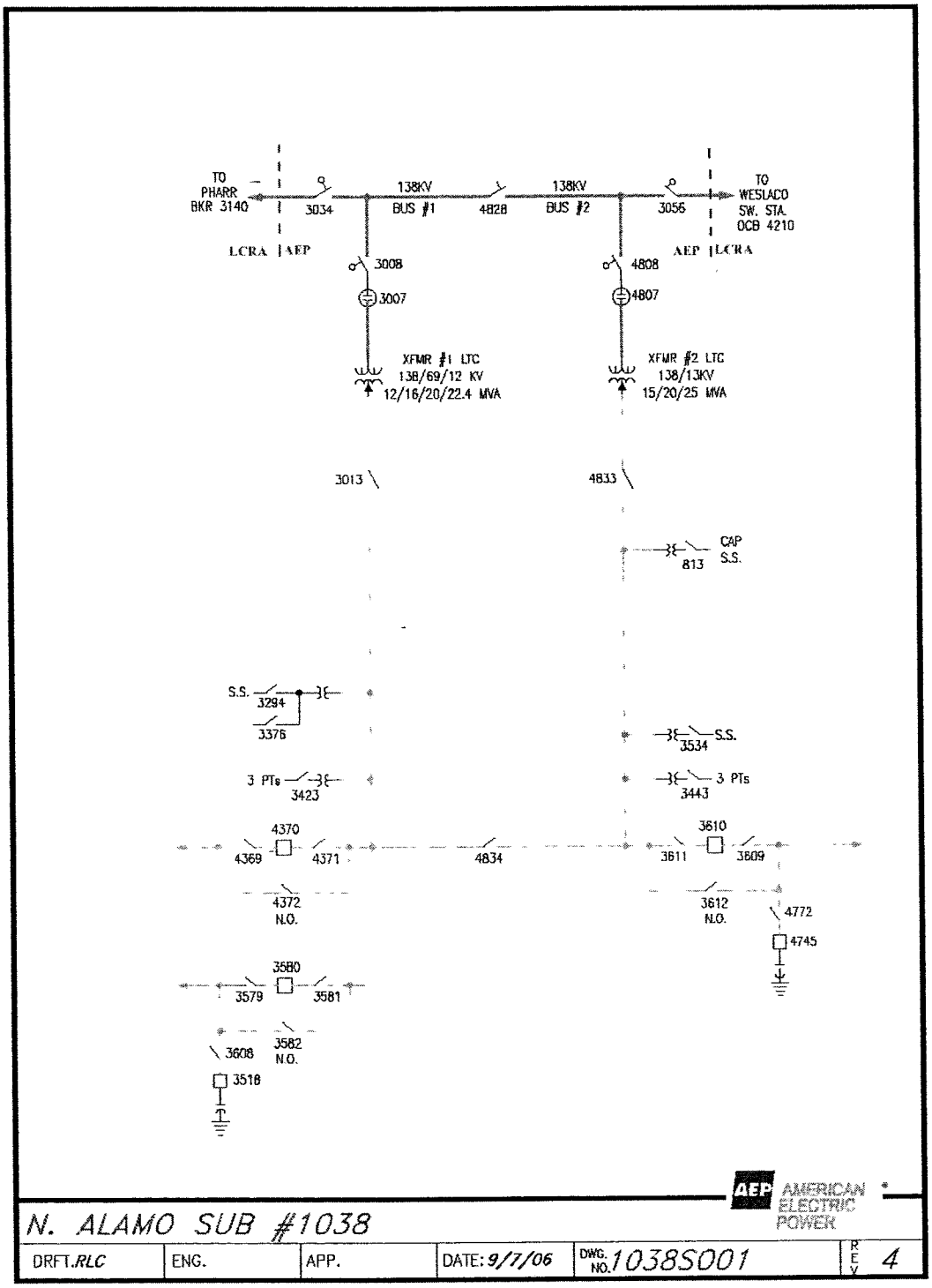
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party , will be subject to review and approval by the other Party.

8. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

9. Other Terms and Conditions:

- AEP will poll the AEP RTU installed inside the substation and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the Parties' control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.


TO
PHARR
BKR 3140
3034
138KV
BUS #1
4828
138KV
BUS #2
3056
TO
WESLACO
SW. STA.
OCB 4210
LCRA | AEP
AEP | LCRA
3008
3007
4808
4807
XFMR #1 LTC
138/69/12 KV
12/16/20/22.4 MVA
XFMR #2 LTC
138/13KV
15/20/25 MVA
3013
4833
CAP
S.S.
813
S.S.
3294
3376
S.S.
3534
3 PTs
3423
3 PTs
3443
4370
4369
4371
4834
3610
3611
3609
4372
N.O.
3612
N.O.
4772
4745
3580
3579
3581
3582
N.O.
3608
3518
AEP AMERICAN ELECTRIC POWER
N. ALAMO SUB #1038
DRFT. RLC
ENG.
APP.
DATE: 9/7/06
DWG. NO. 1038S001
REV 4

FACILITY SCHEDULE NO. 35

1. Name: **Weslaco Switching Station**

2. Location: The Weslaco Switching Station is located in Weslaco, Texas in Hidalgo County. There are two Points of Interconnection at the Weslaco Switching Station. One is at the termination of the 138 kV transmission line from the North Alamo Substation and the other is at the termination of the 138 kV transmission line from the North Weslaco Substation. Both Points of Interconnection are at the point where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.

3. Delivery Voltage: 138 kV

4. Normal Operation of Interconnection: Closed

5. One-Line Diagram Attached: Yes

6. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- Weslaco Switching Station, including all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- a four-wire RTU communication circuit from the station to the AEP control center
- any under-built distribution voltage circuits and OPGW shield/fiber aerial cable and fiber optic communications circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission lines from the North Alamo and North Weslaco substations
- the following transmission line(s) comprised of easements, licenses, structures, conductors, insulators, and connecting hardware:
  - Weslaco Switching Station to North Alamo 138 kV transmission line
  - Weslaco Switching Station to North Weslaco 138 kV transmission line

7. Facility Operation and Maintenance Responsibilities of the Parties:

- AEP controls and operates the Weslaco Switching Station, including all facilities within it.

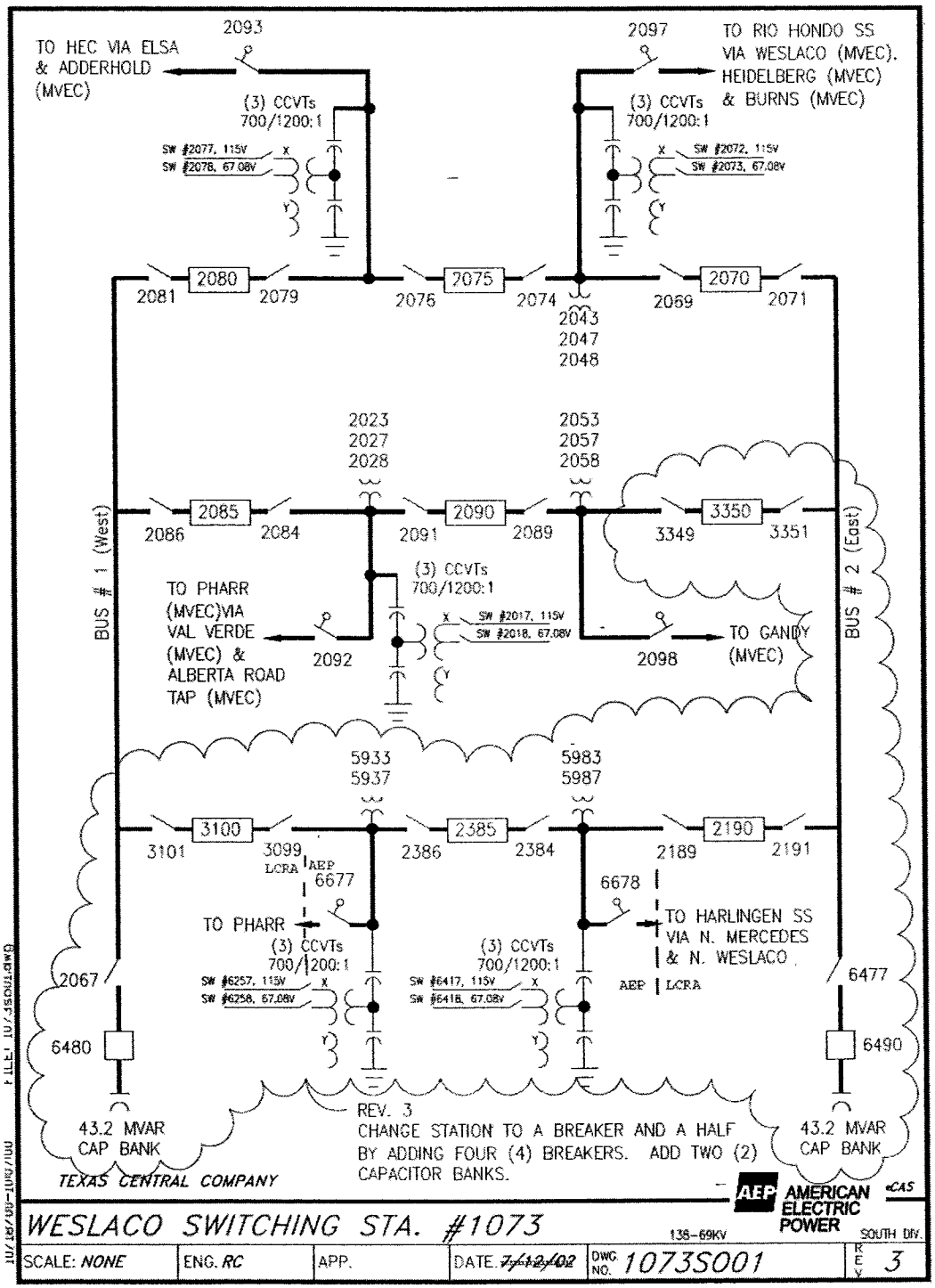
- AEP controls and operates all transmission lines that terminate into the substation.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party , will be subject to review and approval by the other Party.

8. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

9. Other Terms and Conditions:

- AEP will poll the AEP RTU installed inside the substation and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the Parties' control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.


TO HEC VIA ELSA & ADDERHOLD (MVEC)
2093
(3) CCVTs 700/1200:1
SW #2077, 115V
SW #2078, 67.08V
2097
TO RIO HONDO SS VIA WESLACO (MVEC), HEIDELBERG (MVEC) & BURNS (MVEC)
(3) CCVTs 700/1200:1
SW #2072, 115V
SW #2073, 67.08V
2080
2081
2079
2075
2076
2074
2070
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2071
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3349
3351
BUS # 1 (West)
BUS # 2 (East)
TO PHARR (MVEC)VIA VAL VERDE (MVEC) & ALBERTA ROAD TAP (MVEC)
2092
(3) CCVTs 700/1200:1
SW #2017, 115V
SW #2018, 67.08V
2098
TO GANDY (MVEC)
5933
5937
5983
5987
3100
3101
3099
2385
2386
2384
2190
2189
2191
AEP
LCRA
6677
6678
TO PHARR
(3) CCVTs 700/1200:1
SW #6257, 115V
SW #6258, 67.08V
(3) CCVTs 700/1200:1
SW #6417, 115V
SW #6418, 67.08V
TO HARLINGEN SS VIA N. MERCEDES & N. WESLACO
AEP
LCRA
2067
6477
6480
6490
43.2 MVAR CAP BANK
43.2 MVAR CAP BANK
REV. 3
CHANGE STATION TO A BREAKER AND A HALF BY ADDING FOUR (4) BREAKERS. ADD TWO (2) CAPACITOR BANKS.
TEXAS CENTRAL COMPANY
AEP AMERICAN ELECTRIC POWER
CAS
WESLACO SWITCHING STA. #1073
138-69KV
SOUTH DIV.
SCALE: NONE
ENG. RC
APP.
DATE. 7/12/02
DWG. NO. 1073S001
REV. 3

FACILITY SCHEDULE NO. 36

1. Name: **North Weslaco**

2. Location: The North Weslaco Substation is located in Weslaco, Texas in Hidalgo County. There are two Points of Interconnection at the North Weslaco Substation. One is at the termination of the 138 kV transmission line from the Weslaco Switching Substation and the other is at the termination of the 138 kV transmission line from the North Mercedes Substation. Both Points of Interconnection are at the point where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.

3. Delivery Voltage: 138 kV

4. Normal Operation of Interconnection: Closed

5. One-Line Diagram Attached: Yes

6. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- North Weslaco Substation, including all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- a four-wire RTU communication circuit from the station to the AEP control center
- any under-built distribution voltage circuits and OPGW shield/fiber aerial cable and fiber optic communications circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission lines from the Weslaco Switching Station and North Mercedes substation
- the following transmission line(s) comprised of easements, licenses, structures, conductors, insulators, and connecting hardware:
  - North Weslaco to Weslaco Switching Station 138 kV transmission line
  - North Weslaco to North Mercedes 138 kV transmission line

7. Facility Operation and Maintenance Responsibilities of the Parties:

- AEP controls and operates the North Weslaco Substation, including all facilities

within it.

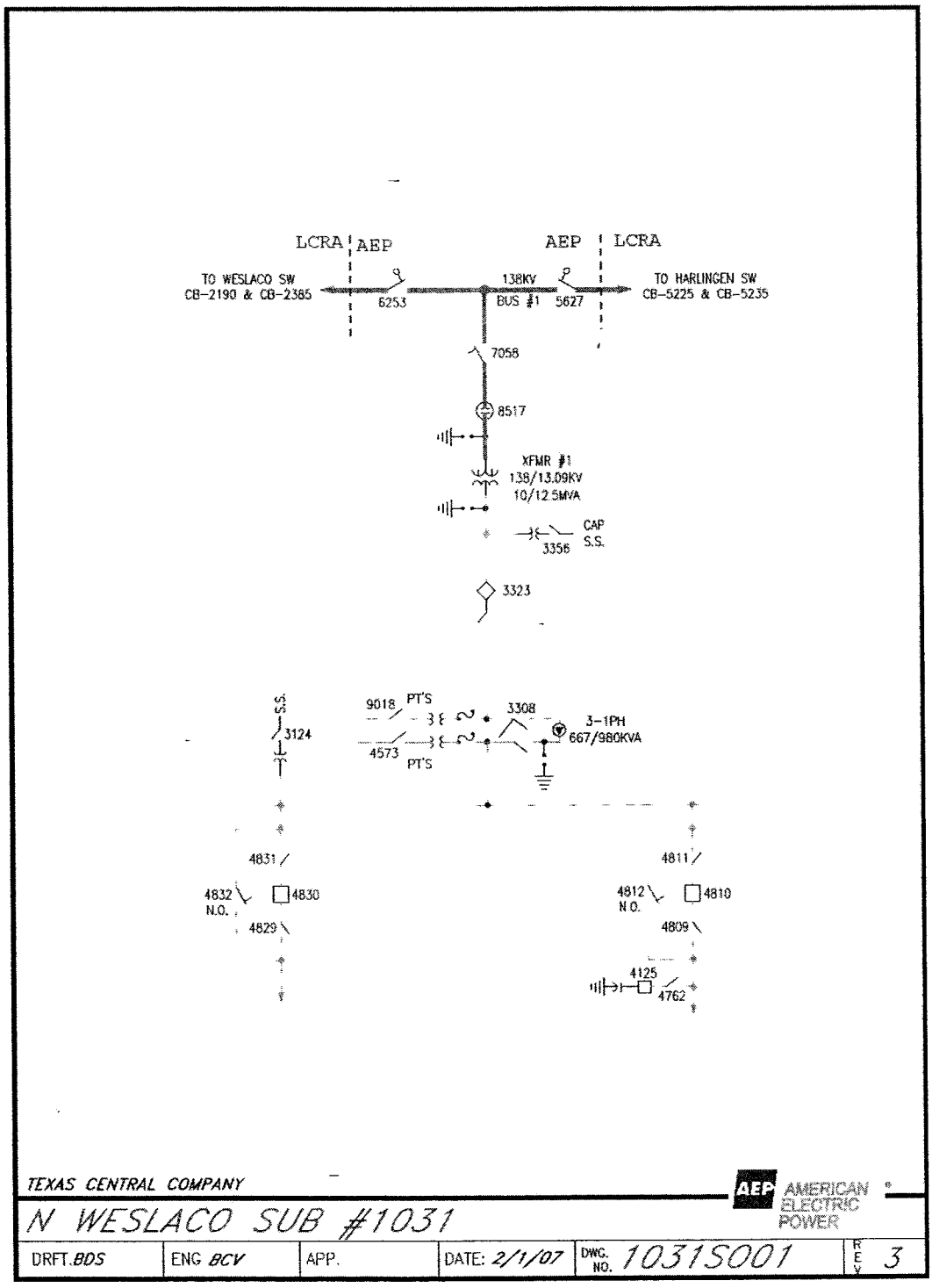
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party , will be subject to review and approval by the other Party.

8. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

9. Other Terms and Conditions:

- AEP will poll the AEP RTU installed inside the substation and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the Parties' control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.


LCRA
AEP
AEP
LCRA
TO WESLACO SW
CB-2190 & CB-2385
6253
138KV
BUS #1
5627
TO HARLINGEN SW
CB-5225 & CB-5235
7058
8517
XFMR #1
138/13.09KV
10/12.5MVA
CAP
S.S.
3356
3323
S.S.
3124
9018
PT'S
4573
PT'S
3308
3-1PH
667/980KVA
4831
4832
N.O.
4830
4829
4811
4812
N.O.
4810
4809
4125
4762
TEXAS CENTRAL COMPANY
AEP AMERICAN ELECTRIC POWER
N WESLACO SUB #1031
DRFT. BDS
ENG BCV
APP.
DATE: 2/1/07
DWG. NO. 10315001
REV 3

FACILITY SCHEDULE NO. 37

1. Name: **North Mercedes**

2. Location: The North Mercedes Substation is located in Mercedes, Texas in Hidalgo County. There are two Points of Interconnection at the North Mercedes Substation. One is at the termination of the 138 kV transmission line from the North Weslaco Substation and the other is at the termination of the 138 kV transmission line from the Harlingen Switching Station. Both Points of Interconnection are at the point where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.

3. Delivery Voltage: 138 kV

4. Normal Operation of Interconnection: Closed

5. One-Line Diagram Attached: Yes

6. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- North Mercedes Substation, including all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- a four-wire RTU communication circuit from the station to the AEP control center
- any under-built distribution voltage circuits and OPGW shield/fiber aerial cable and fiber optic communications circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission lines from the North Weslaco station and Harlingen switching station
- the following transmission line(s) comprised of easements, licenses, structures, conductors, insulators, and connecting hardware:
  - North Mercedes to North Weslaco 138 kV transmission line
  - North Mercedes to Harlingen Switching Station 138 kV transmission line

7. Facility Operation and Maintenance Responsibilities of the Parties:

- AEP controls and operates the North Mercedes Substation, including all facilities

within it.

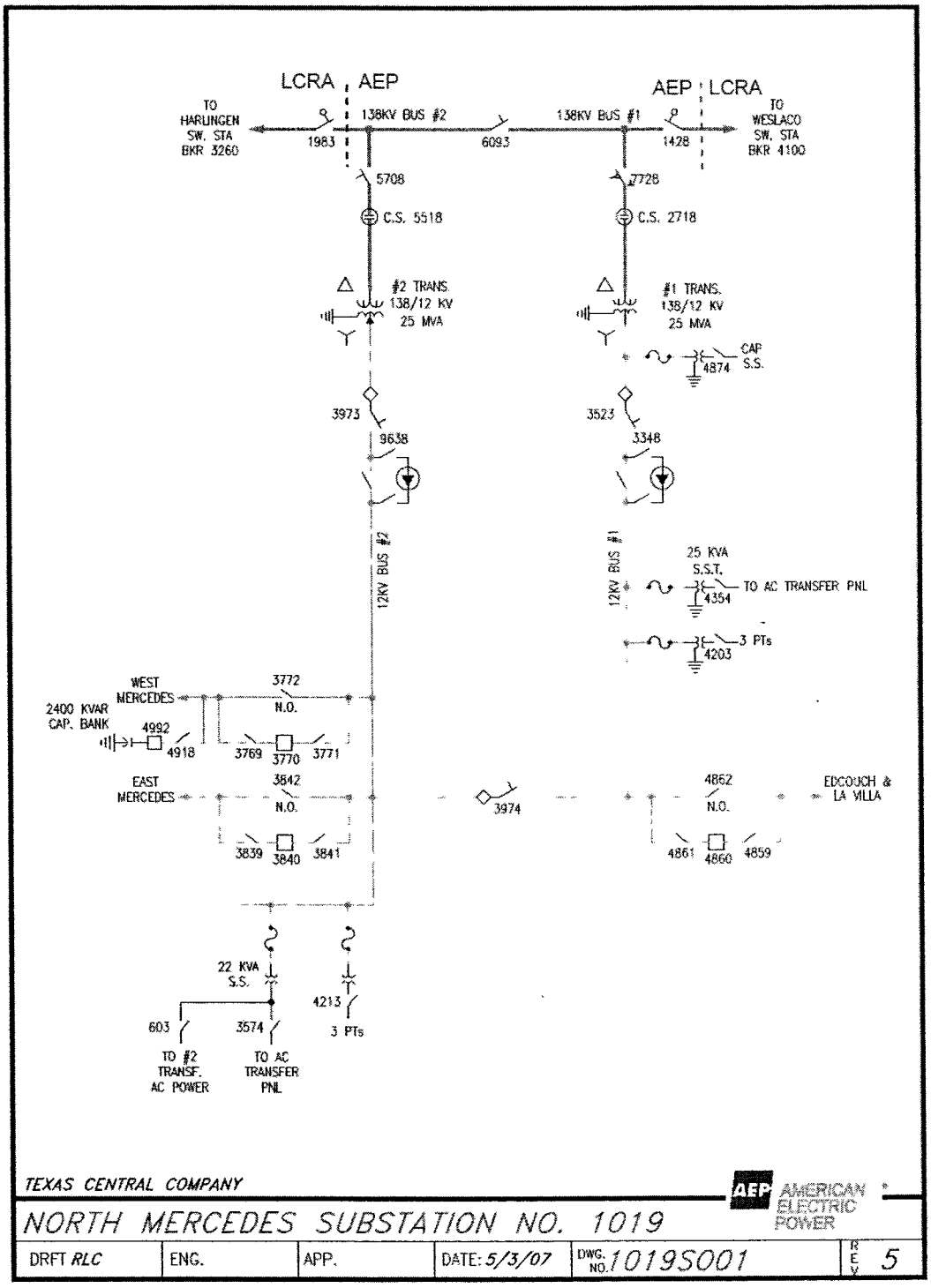
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party , will be subject to review and approval by the other Party.

8. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

9. Other Terms and Conditions:

- AEP will poll the AEP RTU installed inside the substation and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the Parties' control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.


LCRA
AEP
AEP
LCRA
TO HARLINGEN SW. STA BKR 3260
138KV BUS #2
1983
6093
138KV BUS #1
1428
TO WESLACO SW. STA BKR 4100
5708
7728
C.S. 5518
C.S. 2718
#2 TRANS. 138/12 KV 25 MVA
#1 TRANS. 138/12 KV 25 MVA
CAP S.S.
4874
3973
3523
9638
3348
12KV BUS #2
12KV BUS #1
25 KVA S.S.T.
TO AC TRANSFER PNL
4354
3 PTs
4203
WEST MERCEDES
3772
N.O.
2400 KVAR CAP. BANK
4992
4918
3769
3770
3771
EAST MERCEDES
3842
N.O.
3974
4862
N.O.
EDCOUCH & LA VILLA
3839
3840
3841
4861
4860
4859
22 KVA S.S.
4213
3 PTs
603
3574
TO #2 TRANSF. AC POWER
TO AC TRANSFER PNL
TEXAS CENTRAL COMPANY
AEP AMERICAN ELECTRIC POWER
NORTH MERCEDES SUBSTATION NO. 1019
DRFT RLC
ENG.
APP.
DATE: 5/3/07
DWG. NO. 1019S001
REV 5

FACILITY SCHEDULE NO. 38

1. Name: **Harlingen Switching Station**

2. Location: The Harlingen Switching Station is located in Harlingen, Texas in Cameron County. The Point of Interconnection is at the termination of the 138 kV transmission line from the North Mercedes Substation where the jumper conductors from the substation equipment physically contact the connectors on the 138 kV transmission line conductors.

3. Delivery Voltage: 138 kV

4. Normal Operation of Interconnection: Closed

5. One-Line Diagram Attached: Yes

6. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- Harlingen Switching Station, including all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- the following transmission line(s) comprised of structures, easements, conductors, insulators, and connecting hardware:
  - Harlingen Switching Station to Rio Hondo 138 kV transmission line
  - Harlingen Switching Station to La Palma 138 kV transmission line
  - Harlingen Switching Station to Harlingen No.1 69 kV transmission line
  - Harlingen Switching Station to Raymondville No. 2 69 kV transmission line
- any under-built distribution voltage circuits and OPGW shield/fiber aerial cable and fiber optic communications circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 138 kV transmission line from the North Mercedes station
- the following transmission line(s) comprised of easements, licenses, structures, conductors, insulators, and connecting hardware :
  - Harlingen Switching Substation to North Mercedes 138 kV transmission line

7. Facility Operation and Maintenance Responsibilities of the Parties:

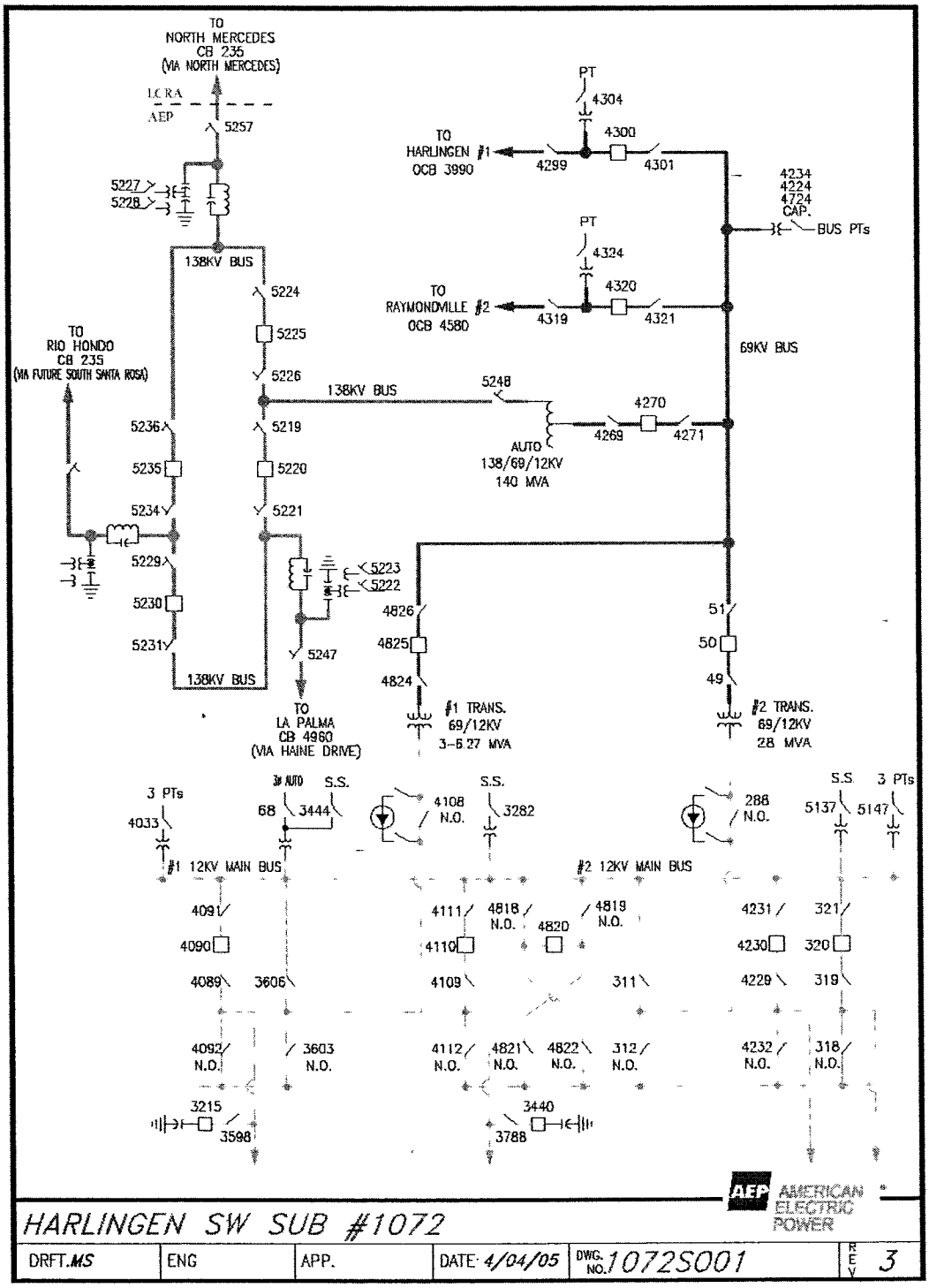
- AEP controls and operates the Harlingen Switching Station, including all facilities within it.
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party , will be subject to review and approval by the other Party.

8. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

9. Other Terms and Conditions:

- AEP will poll the AEP RTU installed inside the substation and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the Parties' control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.


TO
NORTH MERCEDES
CB 235
(VIA NORTH MERCEDES)
LCRA
AEP
5257
5227
5228
138KV BUS
5224
5225
5226
TO
RIO HONDO
CB 235
(VIA FUTURE SOUTH SANTA ROSA)
5236
5235
5234
5229
5230
5231
5219
5220
5221
5223
5222
5247
138KV BUS
TO
LA PALMA
CB 4960
(VIA HAINE DRIVE)
PT
4304
TO
HARLINGEN #1
OCB 3990
4299
4300
4301
4234
4224
4724
CAP.
BUS PTs
PT
4324
TO
RAYMONDVILLE #2
OCB 4580
4319
4320
4321
69KV BUS
138KV BUS
5248
4270
4269
4271
AUTO
138/69/12KV
140 MVA
4826
4825
4824
#1 TRANS.
69/12KV
3-6.27 MVA
51
50
49
#2 TRANS.
69/12KV
28 MVA
3 PTs
4033
3# AUTO
68
3444
S.S.
4108
N.O.
S.S.
3282
288
N.O.
S.S.
3 PTs
5137
5147
#1 12KV MAIN BUS
#2 12KV MAIN BUS
4091
4090
4089
3606
4092
N.O.
3603
N.O.
3215
3598
4111
4110
4818
N.O.
4820
4819
N.O.
4109
311
4112
N.O.
4821
N.O.
4822
N.O.
312
N.O.
3440
3788
4231
4230
4229
321
320
319
4232
N.O.
318
N.O.
AEP AMERICAN ELECTRIC POWER
HARLINGEN SW SUB #1072
DRFT. MS
ENG
APP.
DATE 4/04/05
DWG. NO. 1072S001
REV 3

FACILITY SCHEDULE NO. 39

1. Name: **Naval Base**

2. Location: The Naval Base Substation is located in Corpus Christi, Texas in Nueces County. There are two Points of Interconnection at the Naval Base Substation. One is at the termination of the 69 kV transmission line from the Laguna Substation and another is at the termination of the 69 kV transmission line from the Airline Substation. All Points of Interconnection are at the point where the jumper conductors from the substation equipment physically contact the connectors on the 69 kV transmission line conductors.

3. Delivery Voltage: 69 kV

4. Normal Operation of Interconnection: Closed

5. One-Line Diagram Attached: Yes

6. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- Naval Base Substation, including all the substation facilities within it
- substation deadend structures that terminate all transmission lines into the station
- jumper conductors from the station facilities to the Point(s) of Interconnection
- the following transmission line(s) comprised of right-of-way, licenses, structures, conductors, insulators, connecting hardware and any attached OPGW shield/fiber aerial cable and fiber optic communications circuits
  - the 69 kV transmission line from Naval Base to North Padre Island
  - the 69 kV transmission line from North Padre Tap to North Padre Island
- a four-wire RTU communication circuit from the station to the AEP control center
- any under-built distribution voltage circuits attached to AEP transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 69 kV transmission line from the Laguna and Airline Substations
- the following transmission line(s) comprised of easements, licenses, structures, conductors, insulators and connecting hardware:
  - Naval Base to Airline 69 kV transmission line
  - Naval Base to Laguna 69 kV transmission line

7. Facility Operation and Maintenance Responsibilities of the Parties:

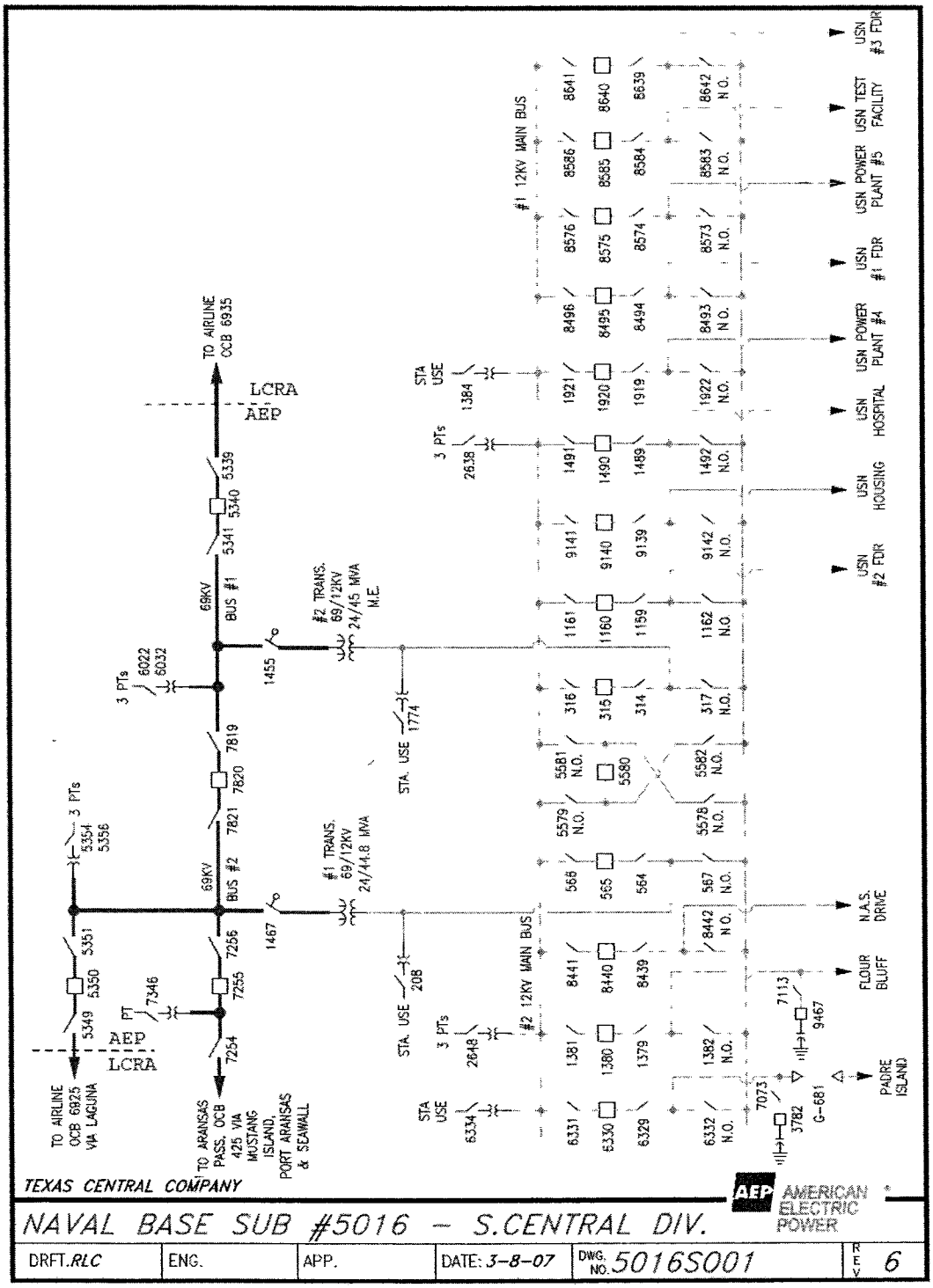
- AEP controls and operates the Naval Base Substation, including all facilities within it.
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party , will be subject to review and approval by the other Party.

8. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

9. Other Terms and Conditions:

- AEP will poll the AEP RTU installed inside the substation and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the Parties' control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.


TEXAS CENTRAL COMPANY
AEP AMERICAN ELECTRIC POWER
NAVAL BASE SUB #5016 – S.CENTRAL DIV.
DRFT. RLC
ENG.
APP.
DATE: 3-8-07
DWG. NO. 5016S001
REV 6
TO AIRLINE OCB 6935
LCRA
AEP
TO AIRLINE OCB 6925 VIA LAGUNA
TO ARANSAS PASS, OCB 425 VIA MUSTANG ISLAND, PORT ARANSAS & SEAWALL
69KV BUS #1
69KV BUS #2
#1 TRANS. 69/12KV 24/44.8 MVA
#2 TRANS. 69/12KV 24/45 MVA M.E.
#1 12KV MAIN BUS
#2 12KV MAIN BUS
STA. USE 1774
STA. USE 208
3 PTs
PT
USN #2 FDR
USN HOUSING
USN HOSPITAL
USN POWER PLANT #4
USN #1 FDR
USN POWER PLANT #5
USN TEST FACILITY
USN #3 FDR
N.A.S. DRIVE
FLOUR BLUFF
PADRE ISLAND

FACILITY SCHEDULE NO. 40

1. Name: **Airline**

2. Location: The Airline Substation is located in Corpus Christi, Texas in Nueces County. There are two Points of Interconnection at the Airline Substation. One is at the termination of the 69 kV transmission line from the Naval Base Substation and the other is at the termination of the 69 kV transmission line from the Laguna Substation. Both Points of Interconnection are at the point where the jumper conductors from the substation equipment physically contact the connectors on the 69 kV transmission line conductors.

3. Delivery Voltage: 69 kV

4. Normal Operation of Interconnection: Closed

5. One-Line Diagram Attached: Yes

6. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- Airline Substation, including all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- the following transmission line(s) comprised of structures, easements, conductors, insulators, and connecting hardware:
  - Airline to Pharaoh 138 kV transmission line
  - Airline to Wooldridge 138 kV transmission line
  - Airline to Barney M. Davis Power Plant 138 kV transmission line
  - Airline to Holly 138 kV transmission line
- a four-wire RTU communication circuit from the station to the AEP control center
- any under-built distribution voltage circuits and any OPGW shield/fiber aerial cable and attached fiber optic communications circuits attached to AEP's transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 69 kV transmission lines from the Naval Base and Laguna stations
- the following transmission line(s) comprised of easements, structures, conductors, insulators, and connecting hardware :
  - Airline to Naval Base 69 kV transmission line

- Airline to Laguna 69 kV transmission line

7. Facility Operation and Maintenance Responsibilities of the Parties:

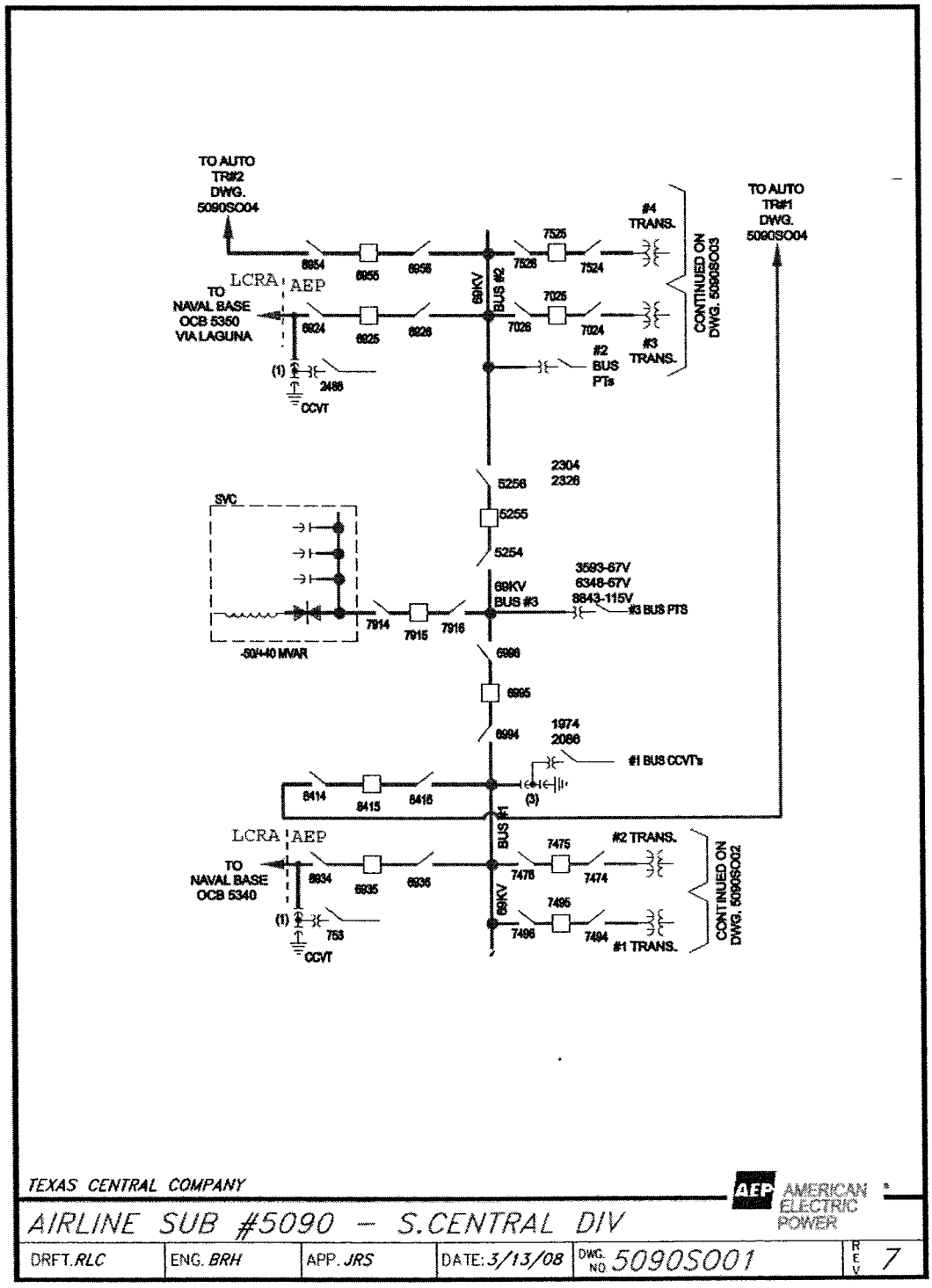
- AEP controls and operates the Airline Substation, including all facilities within it.
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party , will be subject to review and approval by the other Party.

8. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

9. Other Terms and Conditions:

- AEP will poll the AEP RTU installed inside the substation and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the Parties' control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.


TO AUTO TR#2 DWG. 5090SO04
TO AUTO TR#1 DWG. 5090SO04
#4 TRANS.
#3 TRANS.
#2 BUS PTs
CONTINUED ON DWG. 5090SO03
LCRA AEP
TO NAVAL BASE OCB 5350 VIA LAGUNA
69KV BUS #2
7525
7526
7524
7025
7026
7024
6954
6955
6956
6924
6925
6926
(1)
2486
CCVT
2304
2326
5256
5255
5254
SVC
-50/+40 MVAR
69KV BUS #3
3593-67V
6348-67V
8843-115V
#3 BUS PTS
7914
7915
7916
6996
6995
6994
1974
2066
#1 BUS CCVT's
(3)
8414
8415
8416
BUS #1
LCRA AEP
TO NAVAL BASE OCB 5340
#2 TRANS.
#1 TRANS.
CONTINUED ON DWG. 5090SO02
7475
7476
7474
7495
7496
7494
6934
6935
6936
753
CCVT
TEXAS CENTRAL COMPANY
AEP AMERICAN ELECTRIC POWER
AIRLINE SUB #5090 – S.CENTRAL DIV
DRFT. RLC
ENG. BRH
APP. JRS
DATE: 3/13/08
DWG. NO 5090S001
REV 7

FACILITY SCHEDULE NO. 41

1. Name: **North Padre Tap**

2. Location: The North Padre Tap is located 3.8 miles from the North Padre Island Substation in Corpus Christi, Texas in Nueces County. The Point of Interconnection is on the south side of LCRA's single-circuit dead-end transmission structure ("Tap Structure") where AEP's 69 kV transmission line from North Padre Island Substation to the Tap Structure interconnects with LCRA's 69 kV transmission line from the Tap Structure to Mustang Island Substation and is defined as the points where LCRA's jumpers at the Tap Structure connect to AEP's Transmission Line.

3. Delivery Voltage: 69 kV

4. Normal Operation of Interconnection: Closed

5. Diagram Attached: Yes

6. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

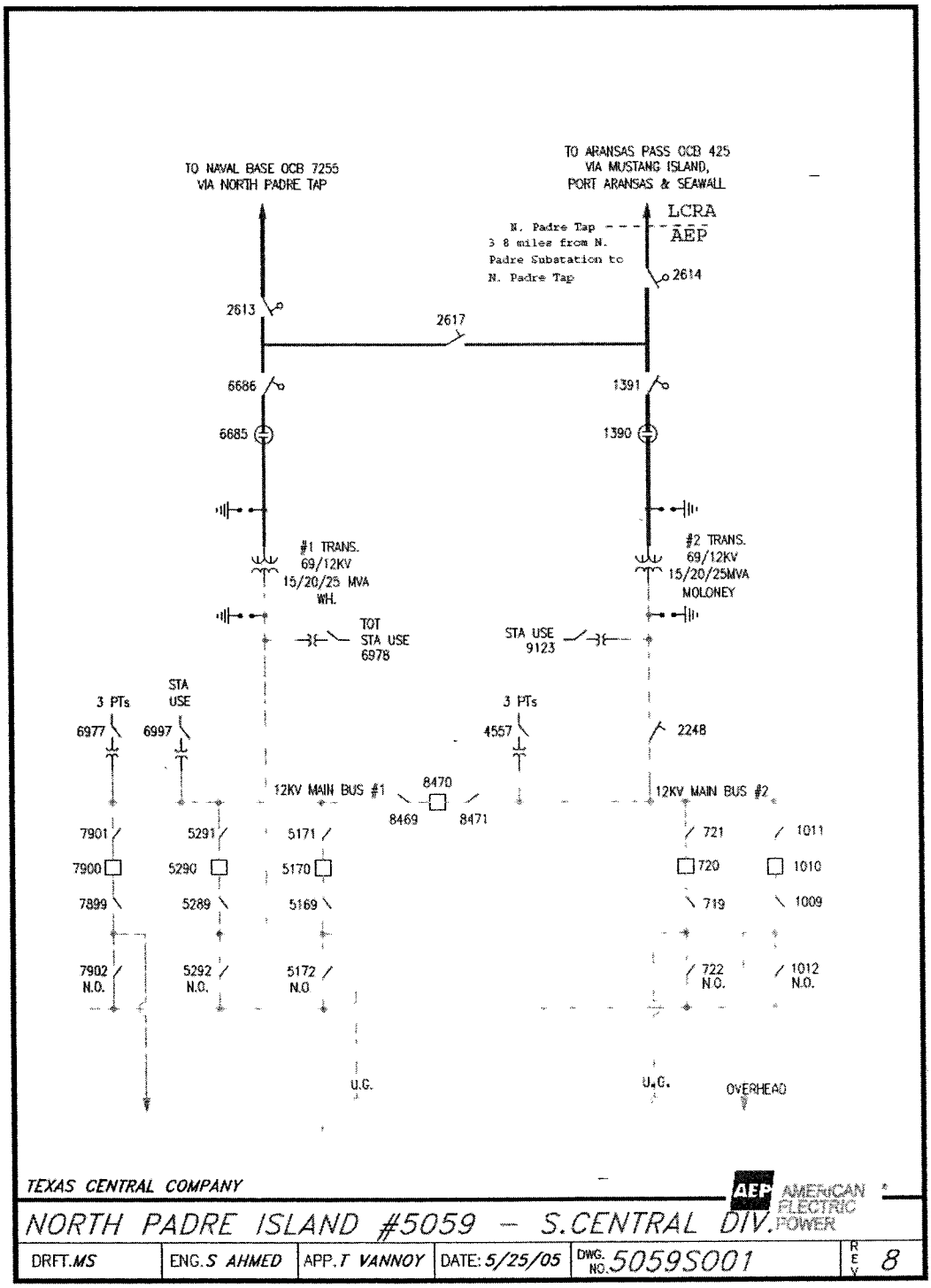
- 69 kV transmission line from the North Padre Island Substation to the Tap Structure including dead-end insulator string and line termination hardware
- transmission line easements, OPGW shield/fiber aerial cable and fiber optic communications circuits and any under-built distribution voltage circuits attached to the Mustang Island to Naval Base 69 kV transmission line

LCRA owns the following facilities:

- 69 kV transmission line from the Mustang Island Substation to the Tap Structure
- Tap Structure and line jumpers

7. Facility Operation and Maintenance Responsibilities of the Parties:

- AEP controls and operates the North Padre Island Substation, including all facilities within it.
- AEP controls and operates the Naval Base to Mustang Island 69 kV transmission line.


TO NAVAL BASE OCB 7255
VIA NORTH PADRE TAP
TO ARANSAS PASS OCB 425
VIA MUSTANG ISLAND,
PORT ARANSAS & SEAWALL
LCRA
AEP
N. Padre Tap
3 8 miles from N.
Padre Substation to
N. Padre Tap
2614
2613
2617
6686
6685
1391
1390
#1 TRANS.
69/12KV
15/20/25 MVA
WH.
#2 TRANS.
69/12KV
15/20/25MVA
MOLONEY
TOT
STA USE
6978
STA USE
9123
3 PTs
STA
USE
6977
6997
3 PTs
4557
2248
12KV MAIN BUS #1
8470
8469
8471
12KV MAIN BUS #2
7901
7900
7899
5291
5290
5289
5171
5170
5169
721
720
719
1011
1010
1009
7902
N.O.
5292
N.O.
5172
N.O.
722
N.O.
1012
N.O.
U.G.
U.G.
OVERHEAD
TEXAS CENTRAL COMPANY
AEP AMERICAN ELECTRIC POWER
NORTH PADRE ISLAND #5059 – S.CENTRAL DIV.
DRFT.MS
ENG.S AHMED
APP.T VANNOY
DATE: 5/25/05
DWG. NO.5059S001
REV 8

FACILITY SCHEDULE NO. 42

1. Name: **Mustang Island**

2. Location: The Mustang Island Substation is located in Corpus Christi, Texas in Nueces County. There are two Points of Interconnection at the Mustang Island Substation. One is at the termination of the 69 kV transmission line from the North Padre Tap and the other is at the termination of the 69 kV transmission line from the Port Aransas Substation. Both Points of Interconnection are at the point where the jumper conductors from the substation equipment physically contact the connectors on the 69 kV transmission line conductors.

3. Delivery Voltage: 69 kV

4. Normal Operation of Interconnection: Closed

5. One-Line Diagram Attached: Yes

6. Facility Ownership Responsibilities of the Parties:

AEP owns the following facilities:

- Mustang Island Substation, including all the substation facilities within it
- jumper conductors from the station facilities to the Point(s) of Interconnection
- substation deadend structures that terminate all transmission lines into the station
- a four-wire RTU communication circuit from the station to the AEP control center
- transmission line easements, OPGW shield/fiber aerial cable and attached fiber optic communications circuits, and any under-built distribution voltage circuits attached to the transmission lines that terminate into the station

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 69 kV transmission lines from the North Padre Tap and Port Aransas substation
- the following transmission line(s) comprised of structures, conductors, insulators, and connecting hardware:
  - 69 kV transmission line from Mustang Island to Port Aransas
  - transmission line from Mustang Island to the North Padre Tap

7. Facility Operation and Maintenance Responsibilities of the Parties:

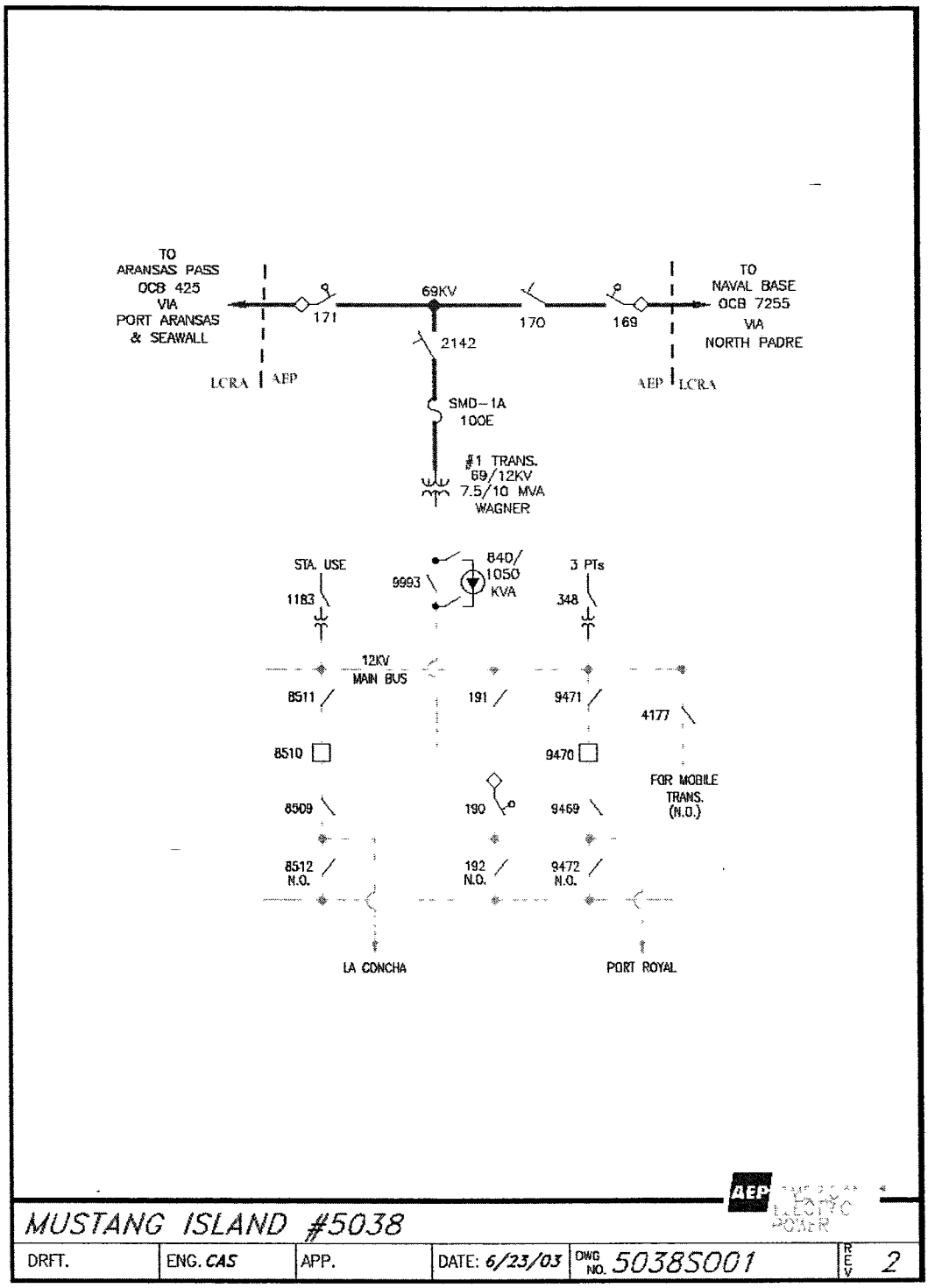
- AEP controls and operates the Mustang Island Substation, including all facilities within it.
- AEP controls and operates all transmission lines that terminate into the station.
- AEP coordinates, directs, and performs all control center and field operation activities on the transmission line(s) owned by AEP and LCRA. These activities shall include, but are not limited to, switching, clearances, and outages for planned maintenance and operations, emergency service restoration, and overall coordination of such activities with ERCOT.
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party , will be subject to review and approval by the other Party.

8. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

9. Other Terms and Conditions:

- AEP will poll the AEP RTU installed inside the substation and LCRA will have access to the RTU data via a direct Inter-control Center Communications Protocol (ICCP) communication circuit between the Parties' control centers. The Parties will coordinate the analog and digital point list and communications protocol issues.


TO
ARANSAS PASS
OCB 425
VIA
PORT ARANSAS
& SEAWALL
LCRA
AEP
171
69KV
2142
170
169
AEP
LCRA
TO
NAVAL BASE
OCB 7255
VIA
NORTH PADRE
SMD-1A
100E
#1 TRANS.
69/12KV
7.5/10 MVA
WAGNER
STA. USE
1183
9993
840/
1050
KVA
3 PTs
348
12KV
MAIN BUS
8511
191
9471
4177
8510
9470
FOR MOBILE
TRANS.
(N.O.)
8509
190
9469
8512
N.O.
192
N.O.
9472
N.O.
LA CONCHA
PORT ROYAL
MUSTANG ISLAND #5038
DRFT.
ENG. CAS
APP.
DATE: 6/23/03
DWG NO. 50385001
REV 2

FACILITY SCHEDULE NO. 43
Terminated

1. Name: **Port Aransas**

FACILITY SCHEDULE NO. 44
Terminated

1. Name: **Laguna**

FACILITY SCHEDULE NO. 45

1. Name: **Kenedy Switching Station**

2. Location: The Kenedy Switching Station is located at 3508 FM 719 in Kenedy, Texas, in Karnes County. There are two Points of Interconnection at the Kenedy Switching Station. One is at the termination of the 69 kV transmission line from the Runge Substation and the other is at the termination of the 69 kV transmission line from the AEP Nixon Substation. Both Points of Interconnection are at the point where the jumper conductors from the substation equipment physically contact the connectors on the 69 kV transmission line conductors.

3. Delivery Voltage: 69 kV

4. Normal Operation of Interconnection: Closed

5. One-Line Diagram Attached: Yes

6. Facility Ownership Responsibilities of the Parties:

LCRA owns the following facilities:

- insulators and hardware on the deadend structures that terminate the 69 kV transmission lines from the Runge and AEP Nixon substations
- the following transmission lines comprised of structures easements, conductors, insulators, and connecting hardware:
  - Kenedy Switching Station to Runge 69 kV transmission line
  - Kenedy Switching Station to AEP Nixon 69 kV transmission line

AEP owns the following facilities:

- the Kenedy Switching Station including all the facilities within it
- the jumpers from the 69 kV buses to the 69 kV transmission lines to the Runge and AEP Nixon substations
- the following transmission line(s) comprised of structures, easements, conductors, insulators, connecting hardware:
  - Kenedy Switching Station to Pleasanton 138 kV transmission line
  - Kenedy Switching Station to Coleto Creek 138 kV transmission line
  - Kenedy Switching Station to Falls City (CPSB) 138 kV transmission line
  - Kenedy Switching Station to Kenedy 69 kV transmission line
- any under-built distribution voltage circuits attached to the 69 kV transmission lines that terminate into the station

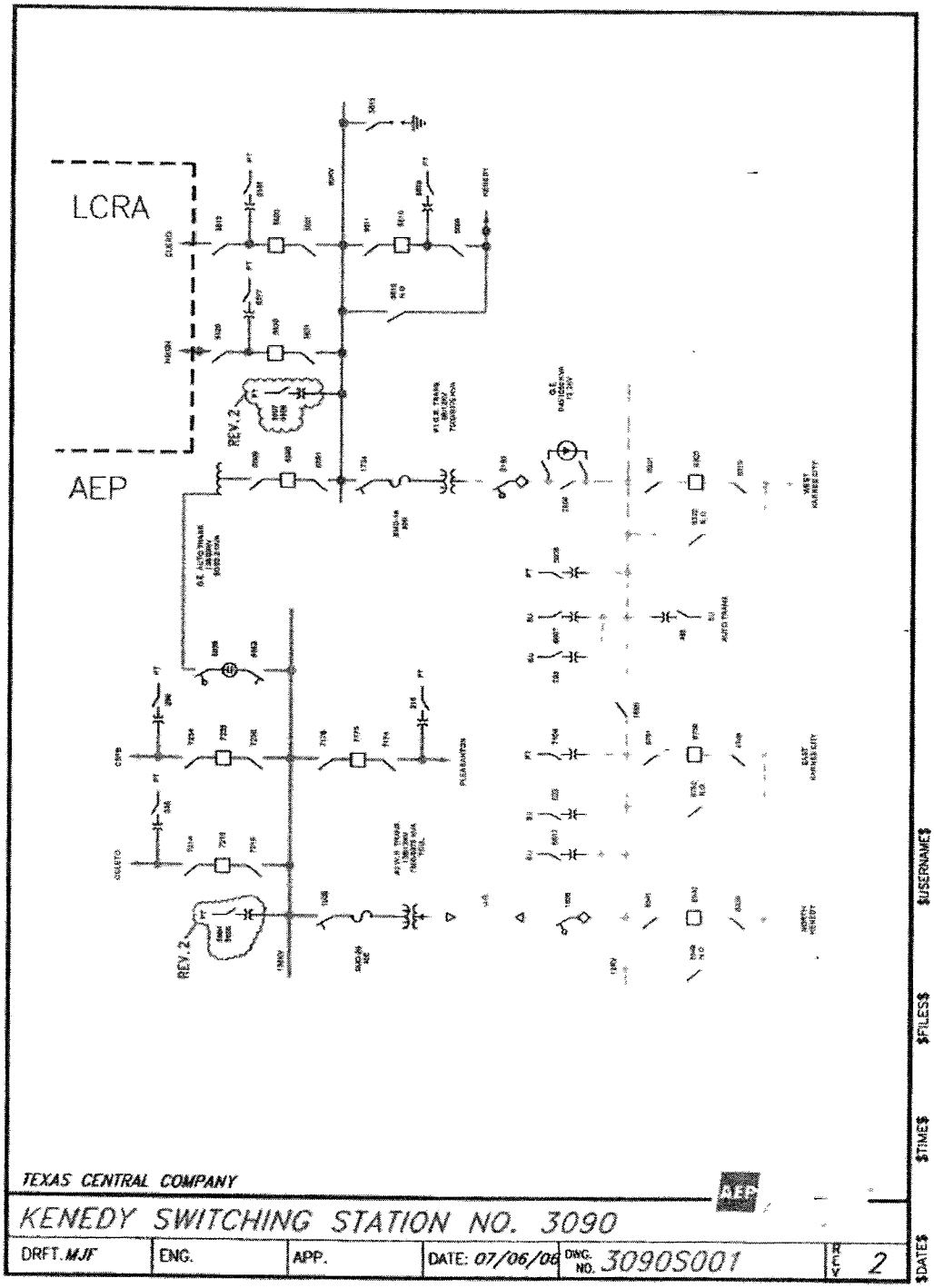
7. Facility Operation and Maintenance Responsibilities of the Parties:

- AEP controls and operates the Kenedy Switching Station, except those listed as being controlled and operated by LCRA.
- LCRA controls and operates the following facilities:
  - 69 kV transmission line to AEP Nixon, via Magnolia Tap
  - 69 kV transmission line to Runge
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party , will be subject to review and approval by the other Party.

8. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

9. Other Terms and Conditions: None


LCRA
AEP
REV. 2
REV. 2
TEXAS CENTRAL COMPANY
KENEDY SWITCHING STATION NO. 3090
DRFT. MJF
ENG.
APP.
DATE: 07/06/06
DWG. NO. 3090S001
REV. 2
$DATE$
$TIME$
$FILES$
$USERNAME$

FACILITY SCHEDULE NO. 46

1. Name: **Runge**

2. Location: The Runge Substation is located off of Highway 81, 1.2 miles south of Highway 72 in Runge, Texas, in Karnes County. The Point of Interconnection at the Runge station is located at the top connectors on the jumpers that connect the 69 kV high bus to the 69 kV low bus.

3. Delivery Voltage: 69 kV

4. Normal Operation of Interconnection: Closed

5. One-Line Diagram Attached: Yes

6. Facility Ownership Responsibilities of the Parties:

LCRA owns the following facilities:

- transmission line dead-end insulator strings and termination hardware
- the following facilities inside the Runge Substation:
  - 69 kV transmission line switches 20629 and 20639
  - 69 kV high-bus, including conductors, insulators and termination hardware
  - jumpers from switches 20629 and 20639 to the lines and to the 69 kV high-bus
- the following transmission lines comprised of structures easements, conductors, insulators, and connecting hardware:
  - Runge to Kenedy Switching Station 69 kV transmission line
  - Runge to Nordheim 69 kV transmission line

AEP owns the following facilities:

- the Runge Substation including all the facilities within it, except for those facilities owned by LCRA
- the 69 kV low bus and jumpers to high bus inside the Runge Substation
- any under-built distribution voltage circuits attached to the 69 kV transmission lines that terminate into the station

7. Facility Operation and Maintenance Responsibilities of the Parties:

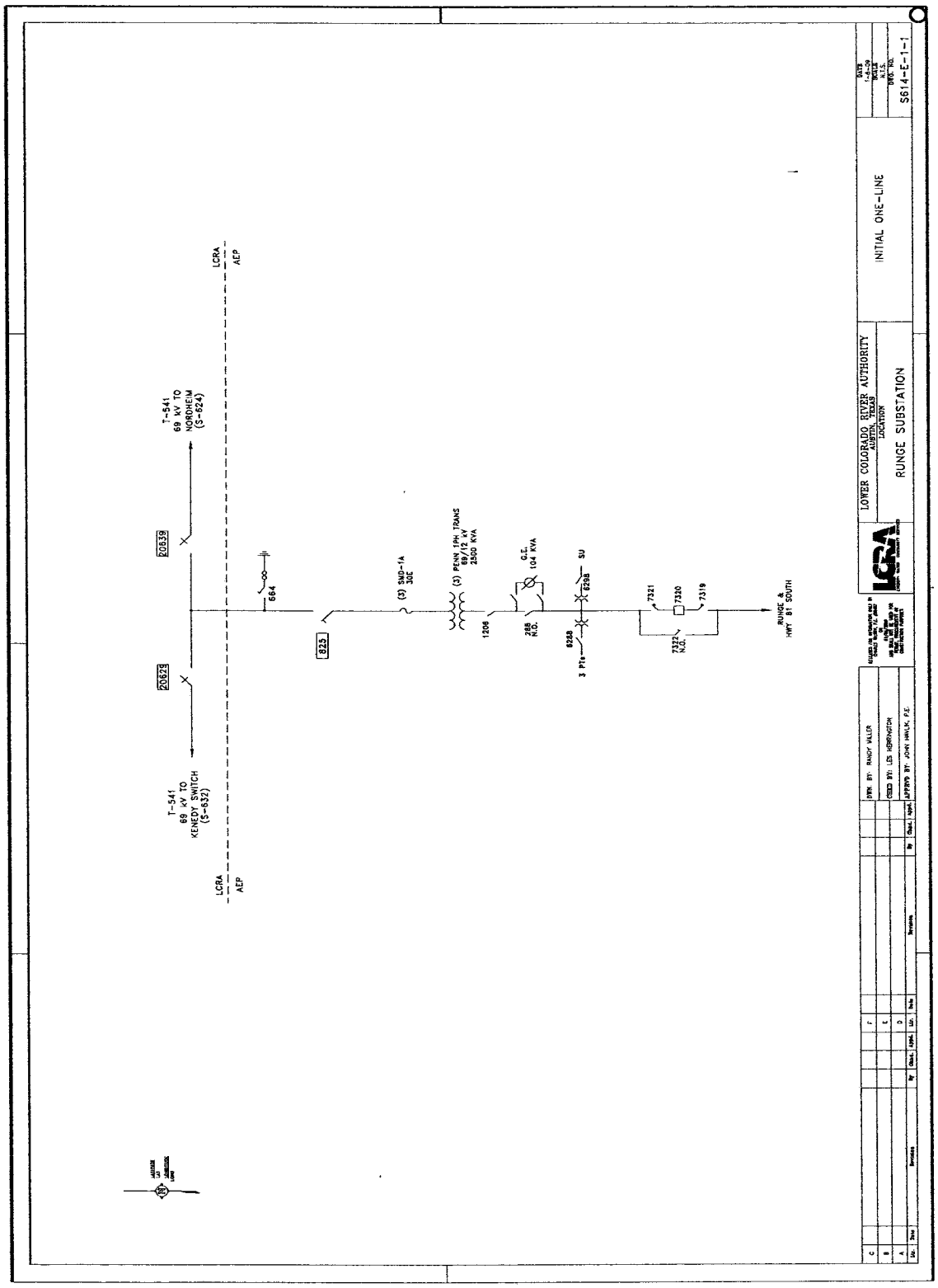
- LCRA controls and operates the following facilities:
  - 69 kV switch 20629 and associated 69 kV transmission line to Kenedy Switching Station
  - 69 kV switch 20639 and associated 69 kV transmission line to Nordheim

- AEP controls and operates all other equipment in the station including the following:
  - 69 kV switch 664 and 825
  - all distribution equipment in the station
- Each Party maintains the facilities it owns that are provided for in this Facility Schedule. Maintenance of the facilities, including circuit breaker relays, that are owned by one Party that protect the facilities owned by the other Party , will be subject to review and approval by the other Party.

8. Cost Responsibilities of the Parties:

- Each Party will be fully responsible for the costs and liabilities related to the facilities it owns.
- Each Party will be responsible for all costs it incurs in connection with the establishment and maintenance of the Point of Interconnection in accordance with this Facility Schedule.

9. Other Terms and Conditions: None


LCRA
AEP
T-541
69 kV TO
NORDHEIM
(S-624)
20639
20629
T-541
69 kV TO
KENEDY SWITCH
(S-632)
LCRA
AEP
664
825
(3) SMD-1A
30E
(3) PENN 1PH TRANS
69/12 kV
2500 KVA
1206
G.E.
104 KVA
208
N.O.
6288
3 Pts
SU
6288
7321
7320
7319
7327
N.O.
RUNGE &
HWY 81 SOUTH
LOWER COLORADO RIVER AUTHORITY
AUSTIN, TEXAS
LOCATION
RUNGE SUBSTATION
INITIAL ONE-LINE
S614-E-1-1

FACILITY SCHEDULE NO. 47

1. Name: **Nordheim 69**

2. Location: The Nordheim Substation is located off of FM 239 2 miles south of Highway 72 in Nordheim, Texas in DeWitt County. There is one Point of Interconnection at the Nordheim Substation. The Points of Interconnection are located at the top connectors on the jumpers that connect the 69 kV high bus to the 69 kV low bus.

3. Delivery Voltage: 69 kV

4. Normal Operation of Interconnection: Closed

5. One-Line Diagram Attached: Yes

6. Facility Ownership Responsibilities of the Parties:

LCRA owns the following facilities:

- transmission lines, dead-end insulator strings and termination hardware
- the following facilities inside the Nordheim Substation:
  - 69 kV transmission line switches 20591 and 20599
  - high-bus 69 kV sectionalizing switch 20589
  - 69 kV high-buses, including conductors, insulators and termination hardware
  - jumpers from switches 20591 and 20599 to the lines and to the high-buses
  - jumpers from sectionalizing switch 20589 to the high-buses
- the following transmission lines comprised of structures, easements, conductors, insulators, and connecting hardware:
  - Nordheim to Runge 69 kV transmission line
  - Nordheim to Yorktown 69 kV transmission line

AEP owns the following facilities:

- the Nordheim Substation including all the facilities within it, except for those facilities owned by LCRA
- the 69 kV low bus and jumpers to high bus inside the Nordheim Substation
- any under-built distribution voltage circuits attached to the 69 kV transmission lines that terminate into the station

7. Facility Operation and Maintenance Responsibilities of the Parties:

- LCRA controls and operates the following facilities:
  - 69 kV switch 20591 and associated 69 kV transmission line to Runge