

**Attachment A: 2009 Summary of Commercially Significant Constraint (CSC)
Options 3b, 3h, and 3i**

Option 3b:

- Four Congestion Zones: West, North, South and Houston
 - Commercially Significant Constraints:
 - CSC#1 – West to North – Graham to Benbrook; Graham to Parker 345-kV double circuit
 - CSC#2 – North to South – Lake Creek to Temple; Tradinghouse to Temple Pecan Creek 345-kV double circuit
 - CSC#3 South to North – Temple to Lake Creek; Temple Pecan Creek to Tradinghouse 345-kV double circuit
 - CSC#4 – North to Houston* – Singleton to Obrien; Singleton to TH Wharton 345-kV double circuit
 - CSC#5 – North to West – Benbrook to Graham; Parker to Graham 345-kV double circuit
- *For CSC#4 - North to Houston – Singleton is not scheduled to be in-service until May 2009.*

Option 3h:

- Same as Option 3b except for CSC#1 and CSC#5:
 - CSC#1 – West to North – Sweetwater to Long Creek; Abilene Mulberry Creek to Long Creek 345-kV double circuit
 - CSC#5 – North to West – Long Creek to Sweetwater; Long Creek to Abilene Mulberry Creek 345-kV double circuit

Option 3i:

- Same as Option 3h except for the cluster analysis performed. In Option 3i, Oklaunion remains in the West Congestion management zone instead of moving to the North Congestion management zone as is the case in Option 3h.

CSC Analysis – MWs of Load Moving Zones by Option

CSC	Option 3b	Option 3h	Option 3i
North to South	1137	1150	1150
South to Houston	108	53	53
West to North	5	781	762
West to South	4	4	4
North to West	8	0	0
Total	1261	1989	1969

CSC Analysis – MWs of Generation Moving Zones by Option

CSC	Option 3b	Option 3h	Option 3i
North to South	0	0	0
South to Houston	0	0	0
West to North	0	2118	1468
West to South	0	0	0
North to West	0	0	0
Total	0	2118	1468