

Table ES-1
Summary of American Transmission Co.'s
2011 Transmission System Assessment

	2010 Assessment	2011 Assessment
	(September 2010)	(September 2011)
<i>New Transmission Lines Requiring New Right-of-Way</i>		
345 kV	3 lines / 230 miles*	4 lines / 237 miles
138 kV	7 lines / 53 miles	9 lines / 73 miles
115 kV	1 line / 7 miles	1 line / 7 miles
69 kV	4 lines / 24 miles	2 lines / 17 miles
<i>Transmission Lines to be Constructed, Rebuilt, Reconductored or Upgraded on Existing Right-of-Way</i>		
345 kV	0 lines / 0 miles	1 lines / 51 miles
161 kV	1 line / 18 miles	1 line / 18 miles
138 kV	8 lines / 135 miles	10 lines / 117 miles
69 kV	12 lines / 157 miles	10 lines / 107 miles
<i>New Transformers to be Installed</i>		
<i>(# of transformers / total increase in capacity)</i>	24 transformers / 3,528 MVA	21 transformers / 2,921 MVA
<i>New Capacitor Banks to be Installed</i>		
<i>(# of installations / capacity)</i>	21 installations / 956 MVAR	14 installations / 753 MVAR

**includes regional multi-benefits project mileages; note in 2010 we only listed the two multi-benefits project mileages and not Bain-Zion EC (now Pleasant Prairie-Zion EC)*