

Preliminary Comparison of Alternatives

	Benefits	Disadvantages
Alternative A “No Action” (Keep existing line)	<ul style="list-style-type: none"> No expansion of ROW (length or width) No new disturbance No increased pole heights 	<ul style="list-style-type: none"> Would not provide reliable electric service after the failure of the Adams Tunnel cable due to the loss of looped transmission service Does not satisfy projected electrical load-growth for the Granby-Grand Lake area Maintenance needs would become more frequent Because of its age, the line would still require rebuilding in the near future Both 69-kV circuits into the Granby Pumping Plant at the north end of project area would remain in operation on separate ROWs The existing line does not meet current National Electric Safety Code (NESC) requirement (the existing line met the then current NESC requirements when it was constructed, therefore it was grand-fathered into acceptable status) Leaves the existing in a 60-year old, antiquated line configuration Crosses approximately 80 properties
Alternative B (Upgrade, expand existing ROW)	<ul style="list-style-type: none"> Parallels existing ROW Disturbance partially occurs in previously disturbed areas Provides reliable looped electrical service Consolidates the two circuits into the Granby Pumping Plant at the north end of project area onto one alignment Would satisfy National Electric Safety Code (NESC) ROW standards Removes existing 60-year old, antiquated line configuration Removes approximately 2 mi. of line at Cutthroat Trout Bay Removes an open water crossing of Cutthroat Trout Bay 	<ul style="list-style-type: none"> Requires up to an additional 70 feet of ROW Existing buildings and structures are built adjacent to the existing ROW Visual effects of increased pole heights Increased visual contrast within the Arapaho National Recreation Area, Lake Granby, and along the Colorado Headwaters National Scenic and Historic Byway Increased risk of avian power line collisions at Table Mountain Crosses approximately 80 properties, 20 of which were not previously crossed by the existing line
Alternative C “Proposed Action” (Upgrade line, new ROW)	<ul style="list-style-type: none"> Provides reliable looped electrical service Consolidates the two circuits into the Granby Pumping Plant at the north end of project area onto one alignment Removes the alignment from the Scanloch and Stillwater Tracts subdivisions Removes the alignment from the Lake Forest neighborhood at north end of project area Reduces the number of properties crossed by the line New alignment reduces visibility of poles from Arapaho National Recreation Area, Lake Granby, and along the Colorado Headwaters National Scenic and Historic Byway Would satisfy NESC ROW standards Removes existing 60-year old, antiquated line configuration Removes approximately 2 mi. of line at Cutthroat Trout Bay Removes an open water crossing of Cutthroat Trout Bay 	<ul style="list-style-type: none"> The majority of the line would be located on a new ROW Sage grouse habitat and critical winter range for elk and deer could be affected during construction Visual effects of increased pole heights Crosses approximately 20 properties, approx. 4 of which were not previously crossed by the existing line