Case ID: 2730BusCase\_networkdata.xlsx

radial\_bus\_location =

Loss of line from 103 to 255 will cause islanding Loss of line from 104 to 274 will cause islanding Loss of line from 177 to 210 will cause islanding Loss of line from 177 to 211 will cause islanding Loss of line from 178 to 200 will cause islanding Loss of line from 270 to 1773 will cause islanding Loss of line from 296 to 384 will cause islanding Loss of line from 305 to 412 will cause islanding Loss of line from 307 to 425 will cause islanding Loss of line from 307 to 427 will cause islanding Loss of line from 343 to 346 will cause islanding Loss of line from 346 to 347 will cause islanding

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Loss of line from 372 to 386 will cause islanding
Loss of line from 467 to 655 will cause islanding
Loss of line from 572 to 573 will cause islanding
Loss of line from 576 to 577 will cause islanding
Loss of line from 577 to 579 will cause islanding
Loss of line from 577 to 581 will cause islanding
Loss of line from 698 to 699 will cause islanding
Loss of line from 724 to 811 will cause islanding
Loss of line from 927 to 928 will cause islanding
Loss of line from 1196 to 1200 will cause islanding
Loss of line from 1206 to 1216 will cause islanding
Loss of line from 1207 to 1208 will cause islanding
Loss of line from 1230 to 1232 will cause islanding
Loss of line from 1235 to 1236 will cause islanding
Loss of line from 1235 to 1246 will cause islanding
Loss of line from 1266 to 1267 will cause islanding
Loss of line from 1278 to 1279 will cause islanding
Loss of line from 1280 to 1281 will cause islanding
Loss of line from 1282 to 1332 will cause islanding
Loss of line from 1282 to 1342 will cause islanding
Loss of line from 1284 to 1285 will cause islanding
Loss of line from 1285 to 1286 will cause islanding
Loss of line from 1286 to 1328 will cause islanding
Loss of line from 1286 to 1360 will cause islanding
Loss of line from 1288 to 1360 will cause islanding
Loss of line from 1293 to 1395 will cause islanding
Loss of line from 1321 to 1322 will cause islanding
Loss of line from 1340 to 1381 will cause islanding
Loss of line from 1340 to 1396 will cause islanding
Loss of line from 1395 to 1396 will cause islanding
Loss of line from 1446 to 1541 will cause islanding
Loss of line from 1462 to 1464 will cause islanding
Loss of line from 1480 to 1486 will cause islanding
Loss of line from 1536 to 1692 will cause islanding
Loss of line from 1577 to 1662 will cause islanding
Loss of line from 1598 to 1791 will cause islanding
Loss of line from 1606 to 1607 will cause islanding
Loss of line from 1636 to 1660 will cause islanding
Loss of line from 1700 to 1701 will cause islanding
Loss of line from 1758 to 1763 will cause islanding
Loss of line from 1773 to 1774 will cause islanding
Loss of line from 1862 to 2038 will cause islanding
Loss of line from 1883 to 1903 will cause islanding
Loss of line from 1884 to 1908 will cause islanding
Loss of line from 1908 to 1932 will cause islanding
Loss of line from 1934 to 2728 will cause islanding
Loss of line from 2032 to 2033 will cause islanding
Loss of line from 2069 to 2121 will cause islanding
Loss of line from 2312 to 2533 will cause islanding
Loss of line from 2578 to 2579 will cause islanding
Loss of line from 2613 to 2617 will cause islanding
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Loss of line from 123 to 119 will cause islanding
Loss of line from 129 to 119 will cause islanding
Loss of line from 270 to 1769 will cause islanding
Loss of line from 297 to 813 will cause islanding
Loss of line from 297 to 814 will cause islanding
Loss of line from 572 to 316 will cause islanding
Loss of line from 392 to 1440 will cause islanding
Loss of line from 571 to 570 will cause islanding
Loss of line from 575 to 576 will cause islanding
Loss of line from 575 to 597 will cause islanding
Loss of line from 627 to 640 will cause islanding
Loss of line from 627 to 641 will cause islanding
Loss of line from 640 to 807 will cause islanding
Loss of line from 641 to 810 will cause islanding
Loss of line from 1236 to 1277 will cause islanding
Loss of line from 1388 to 1286 will cause islanding
Loss of line from 1486 to 1764 will cause islanding
Loss of line from 1509 to 1765 will cause islanding
Loss of line from 1545 to 1543 will cause islanding
Loss of line from 1559 to 1562 will cause islanding
Loss of line from 1559 to 1563 will cause islanding
Loss of line from 1559 to 1794 will cause islanding
Loss of line from 1559 to 1796 will cause islanding
Loss of line from 1569 to 1766 will cause islanding
Loss of line from 1583 to 1767 will cause islanding
Loss of line from 1587 to 1768 will cause islanding
Loss of line from 1592 to 1595 will cause islanding
Loss of line from 1631 to 1630 will cause islanding
Loss of line from 1641 to 1638 will cause islanding
Loss of line from 1641 to 1639 will cause islanding
Loss of line from 1641 to 1644 will cause islanding
Loss of line from 1679 to 1770 will cause islanding
Loss of line from 1720 to 1771 will cause islanding
Loss of line from 1727 to 1772 will cause islanding
Loss of line from 1735 to 1733 will cause islanding
Loss of line from 1799 to 1798 will cause islanding
Loss of line from 1806 to 2136 will cause islanding
Loss of line from 1807 to 2137 will cause islanding
Loss of line from 1808 to 2140 will cause islanding
Loss of line from 1809 to 2140 will cause islanding
Loss of line from 1810 to 2139 will cause islanding
Loss of line from 1811 to 2141 will cause islanding
Loss of line from 1812 to 2142 will cause islanding
Loss of line from 1813 to 2154 will cause islanding
Loss of line from 1814 to 2154 will cause islanding
Loss of line from 1815 to 2153 will cause islanding
Loss of line from 1816 to 2153 will cause islanding
Loss of line from 1817 to 2157 will cause islanding
Loss of line from 1818 to 2158 will cause islanding
Loss of line from 1819 to 2158 will cause islanding
Loss of line from 1820 to 2159 will cause islanding
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Loss of line from 1821 to 2160 will cause islanding Loss of line from 1822 to 2165 will cause islanding Loss of line from 1823 to 2164 will cause islanding Loss of line from 1824 to 2169 will cause islanding Loss of line from 1825 to 2172 will cause islanding Loss of line from 1826 to 2173 will cause islanding Loss of line from 1827 to 2176 will cause islanding Loss of line from 1828 to 2175 will cause islanding Loss of line from 1829 to 2178 will cause islanding Loss of line from 1830 to 2177 will cause islanding Loss of line from 1831 to 2182 will cause islanding Loss of line from 1832 to 2181 will cause islanding Loss of line from 1833 to 2189 will cause islanding Loss of line from 1834 to 2188 will cause islanding Loss of line from 1835 to 2192 will cause islanding Loss of line from 1836 to 2195 will cause islanding Loss of line from 1837 to 2195 will cause islanding Loss of line from 1838 to 2194 will cause islanding Loss of line from 1839 to 2194 will cause islanding Loss of line from 1840 to 2198 will cause islanding Loss of line from 1841 to 2204 will cause islanding Loss of line from 1842 to 2205 will cause islanding Loss of line from 2614 to 2617 will cause islanding Loss of line from 2626 to 2619 will cause islanding Loss of line from 2620 to 2628 will cause islanding Loss of line from 2632 to 2621 will cause islanding