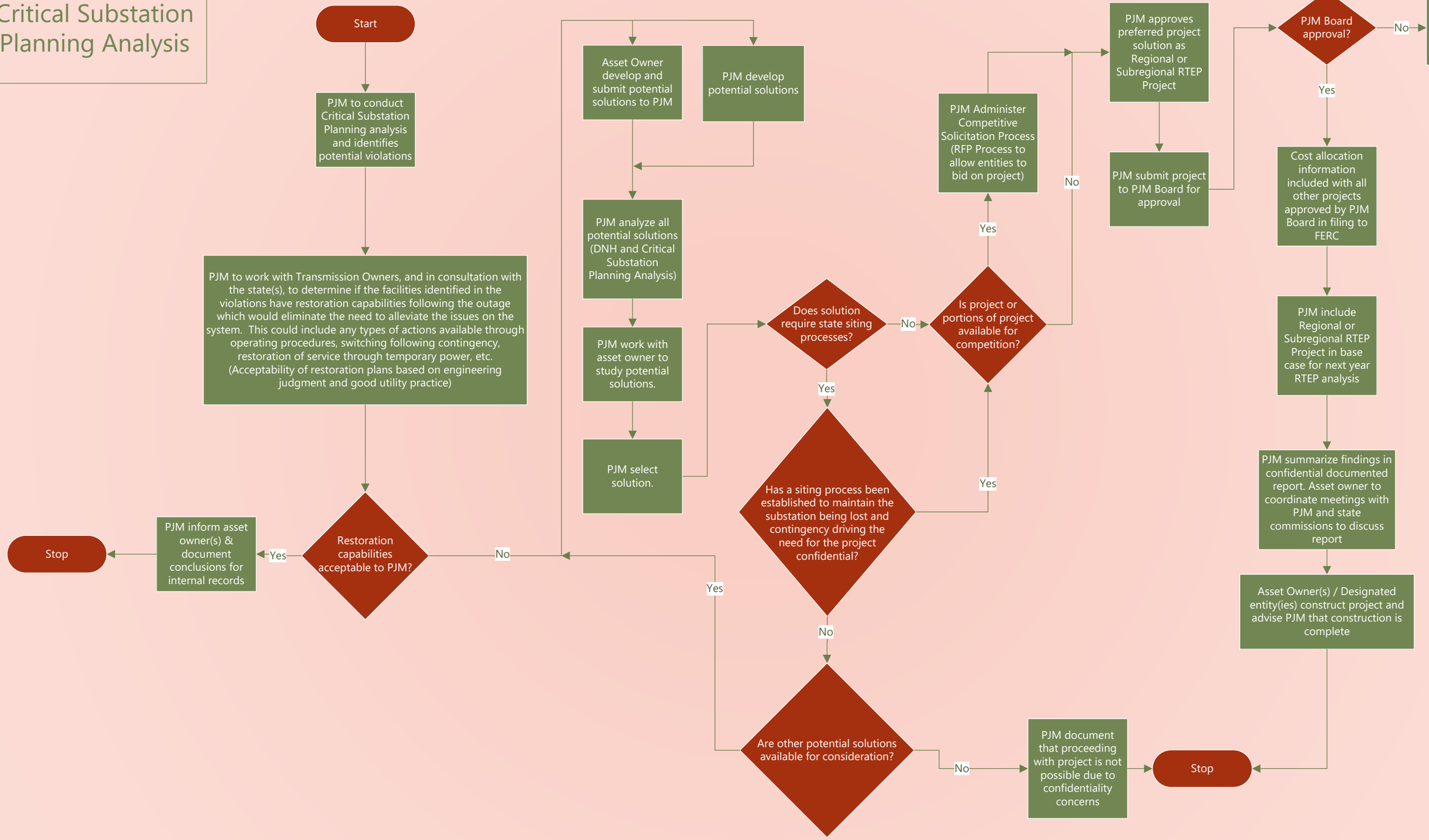Critical Substation Planning Analysis