

BRIEFING ON CONTINGENCY BASING (CB) ENERGY CONSUMPTION TO JOINT COMMITTEE ON TACTICAL SHELTERS (JOCOTAS) BY RAND ARROYO CENTER. RAND-Arroyo is a nonprofit federally funded (Army) Research and Development Center that performs independent studies and analysis to assist leadership with policy decisions. In FY2014 RAND conducted a study for DA G4 to identify and develop key policies that enable the sustainment community to support quality of life programs at contingency bases on a cost-effective basis. Data on the power generation provided and space (square feet) by type of facility was analyzed for the Forward Operating Base (FOB) Spin Boldak. For the period July 2012 to Feb 2013 the study found that Billeting required most of the power generated (62%), followed by Other military-related facilities (14%), such as the Tactical Operations Center, Food Service (5%) and Laundry (1%). The study also considered the total space by facility type and found, not surprisingly, it remained fairly stable over time. It found Billeting comprised the largest share (64%) followed by "Other" military-related facilities (24%). Over this period the base supported population (BSP) ranged from about 3000 to 1500 occupants. Building on these findings, ongoing work in FY2015 is analyzing several types of billeting shelters and generator configurations with respect to their associated logistical-related costs.

