

Annex 1: Brief on Military Facilities

Solar Water Heaters will be installed in 3 types of facilities constructed over the past 2 years along the North Eastern Lebanese borders with Syria. Facilities are located at a distance ranging between 2 kilometers and 40 kilometers from the main 2nd Infantry Guards Border Regiment base in Ras Baalback (avg. 11 km).

There are three types of beneficiary buildings:

1- *Platoon Outposts* (16 typical facilities receiving 700L SWH system each):

These facilities consist of 1 or more buildings (concrete or prefab) typically one story (except for 1 facility with 2-story) with toilets / showers located in one of the buildings.

One facility has two toilets / showers located; one in the prefab construction and the other one in a concrete construction.

Facilities currently feature electric water heaters (typically in each toilet); however recently newly constructed platoons feature a centralized boiler that operates on both diesel and electricity.

2- *Company Command* (6 typical facilities receiving 1,200L SWH system each):

These facilities consist of 1 concrete building with other prefab (up to 3). Toilets / showers are located in the 1-story concrete building.

Facilities currently feature electric water heaters (typically in each toilet).

3- *2nd Infantry Guards Border Regiment base* (1 facility receiving 15,000L SWH system(s)):

The main base located in Ras Baalback is composed of 4 concrete recently constructed buildings of 2 - 3 floors each. The buildings all have offices and toilets / shower. Currently, facilities utilize electric water heaters (typically in each toilet).