

Emergency Heat Generated by Earth - With Frost Proof Shallow Foundation 10 degree air temp

	SF / LF		Degree Days	Delta T low temp to 65 degrees	DD adj for soil temp vs air temp	
Foundation Slab	900	Delta T, 50 earth - 10		40	36,000	BTU/Hr
8 feet foundation wall	960				38,400	BTU/Hr
Loss through above grade wall	360				566	BTU/Hr
Total Heat Produced Per Hour					73,834	BTU/Hr

Which isn't really true, as heat will percolate up and out through building, creating varying temp diff lower than outside to earth, but, I can tell you, 3 days of 20's and lower, no heat, my house stabilized at 40 degrees, which is low but beats the pipes freezing.