Microwave a steak 5-7 min, 1kw, so 300 kW-s < lkwhr 3.6 MJ = 1 kWhr Whole Meal ~ ZMJ . 3MJ IL of water from IM W-S=IMJ to be safe? 20 ° to 100° -. 183 kWh = . 659 MJ Isirlain steak ~ linch 11 water + I sirloin steak = IMJ . thick - substitute for Kobob per Business Insider Grilled Tomatoes + Rice ~ IMJ ~2MJ -> w/ 3040 efficieny, need 6MJ stored H,0 -Cao extralize (20H Moisture (a0+ H20 (a (OH) 2 DH 298k = -104kJ/mol So 104 kJ/mol of heat released Need ZMJ, Lets go for 6 to be sofe 104 kJ = 104 MJ/mol GMJ. 1mol = 57,69 mol Imol Ca0 = 56g x 57.69 = 3230.46 g = 3.23 kg 2 4 kg Inol H10 = 189 x57.69 = 1038.42g = 1.038kg = 1.5kg 1.51 of water 3.34g/cm3 3230.46g. 1cm3 = 967.26 cm3 = .967 L -> up to 3/1.25 LGO Wy margin Erythrital = 330, 5C = 626.9°F 17.65kg. 1000g . 1cm3 1L = 12.2L DH2=3405/9 17 Loverhood 6 MJ. 10 6 J . 1/5 = 17.65 Kg Needed 25kg w/ oser head = 17 L w/overhead