OVERVIEW

Code Section(s): 1206.11.4 (1) through (4)
Edition: 2019 CFC
Requested By: Vincent Jolissaint
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QUESTION
2019 CFC 1206.11.4 part (1) and (2) contain multiple locations within a single section. Is the maximum quantity of 40 kWh for section (1) and 80 kWh for section 2 calculated by adding the total ESS quantities in all locations as described by each individual section?

ANSWER
Yes.

Each individual ESS unit shall have a maximum energy rating of 20 kWh. The maximum energy rating permitted by this section is 280 kWh if all four location types are utilized. The maximum for each location type is: 40 kWh within utility closets and storage or utility spaces; 80 kWh in attached or detached garages and detached accessory structures; 80 kWh on exterior walls; and 80 kWh outdoors on the ground.

QUESTION
Under part (1) is 40 kWh the maximum energy ratings of the combined ESS in utility closets and storage and utility spaces?

ANSWER
Yes.

QUESTION
Under part (2) is 80 kWh the maximum energy ratings of the combined ESS in attached or detached garages and detached accessory structures?

ANSWER
Yes.

Aggregate for the location type.
QUESTION

May I install the maximum energy ratings allowed in part 1 (40 kWh) plus the maximum allowed in part 2 (80 kWh) and the maximum allowed in part 3 (80 kWh) in addition to the maximum allowed in part 4 (80 kWh) for a total of 280 kWh total ESS energy ratings for a single R-3 or R-4 occupancy?

ANSWER

Yes.

CFC 1206.11.4 identifies individual and aggregate rating structure limitations for Group R-3 and R-4 occupancies. If these limitations are exceeded, then it shall comply with CFC Sections 1206.1 through 1206.9.