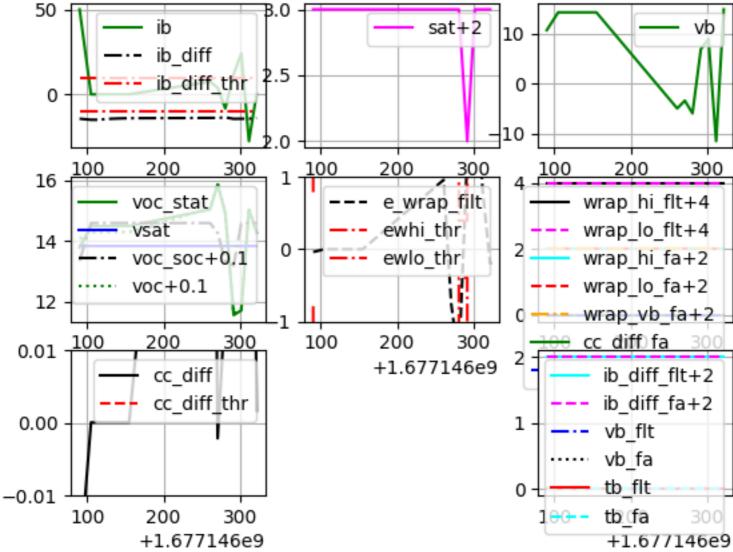
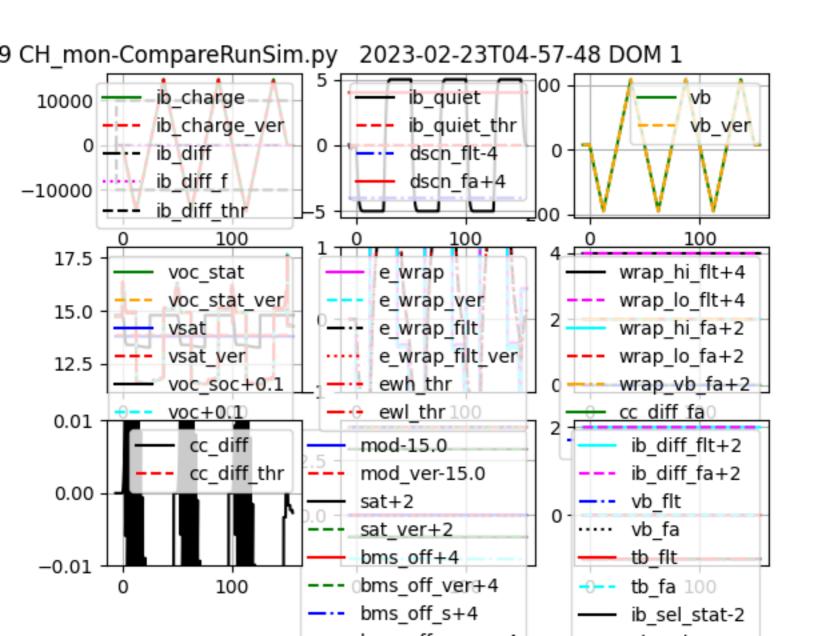
plot\_colortable(mcolors.CSS4\_COLORS)
plt.show()

| black       | bisque               | forestgreen       | slategrey       |
|-------------|----------------------|-------------------|-----------------|
| dimgray     | darkorange           | limegreen         | lightsteelblue  |
| dimgrey     | burlywood            | darkgreen         | cornflowerblue  |
| gray        | antiquewhite         | green             | royalblue       |
| grey        | tan                  | lime              | ghostwhite      |
| darkgray    | navajowhite          | seagreen          | lavender        |
| darkgrey    | blanchedalmond       | mediumseagreen    | midnightblue    |
| silver      | papayawhip           | springgreen       | navy            |
| lightgray   | moccasin             | mintcream         | darkblue        |
| lightgrey   | orange               | mediumspringgreen | mediumblue      |
| gainsboro   | wheat                | mediumaquamarine  | blue            |
| whitesmoke  | oldlace              | aquamarine        | slateblue       |
| white       | floralwhite          | turquoise         | darkslateblue   |
| snow        | darkgoldenrod        | lightseagreen     | mediumslateblue |
| rosybrown   | goldenrod            | mediumturquoise   | mediumpurple    |
| lightcoral  | cornsilk             | azure             | rebeccapurple   |
| indianred   | gold                 | lightcyan         | blueviolet      |
| brown       | lemonchiffon         | paleturquoise     | indigo          |
| firebrick   | khaki                | darkslategray     | darkorchid      |
| maroon      | palegoldenrod        | darkslategrey     | darkviolet      |
| darkred     | darkkhaki            | teal              | mediumorchid    |
| red         | ivory                | darkcyan          | thistle         |
| mistyrose   | beige                | aqua              | plum            |
| salmon      | lightyellow          | cyan              | violet          |
| tomato      | lightgoldenrodyellow | darkturquoise     | purple          |
| darksalmon  | olive                | cadetblue         | darkmagenta     |
| coral       | yellow               | powderblue        | fuchsia         |
| orangered   | olivedrab            | lightblue         | magenta         |
| lightsalmon | yellowgreen          | deepskyblue       | orchid          |
| sienna      | darkolivegreen       | skyblue           | mediumvioletred |
| seashell    | greenyellow          | lightskyblue      | deeppink        |
| chocolate   | chartreuse           | steelblue         | hotpink         |
| saddlebrown | lawngreen            | aliceblue         | lavenderblush   |
| sandybrown  | honeydew             | dodgerblue        | palevioletred   |
| peachpuff   | darkseagreen         | lightslategray    | crimson         |
| peru        | palegreen            | lightslategrey    | pink            |
| linen       | lightgreen           | slategray         | lightpink       |
|             |                      |                   |                 |

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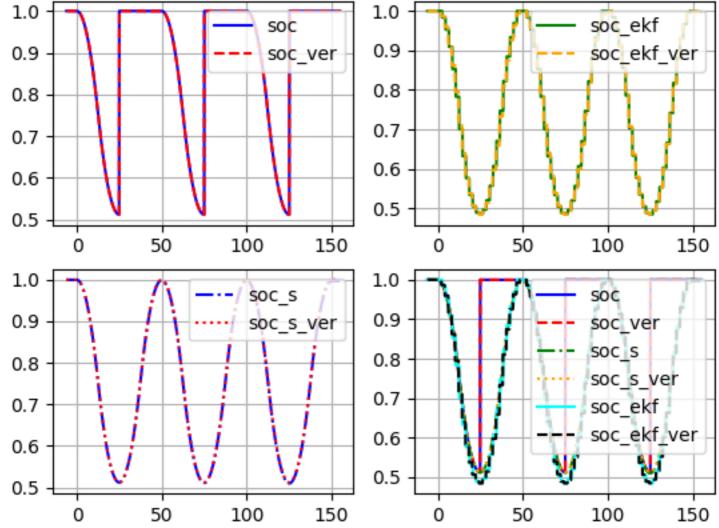


230219 CH\_mon-CompareRunSim.py 2023-02-23T04-57-48 1a ib amp hdwe ib\_diff 10000 ib noa hdwe ib diff f 0 0 ib sel ib diff thr ib charge -1000050 100 50 100 150 150 0.1 ib quiet ib rate ib quiet thr ib quiet 0.0 0 dscn fa-0.02 ib quiet thr -5 -0.150 100 150 50 100 150 0.0 2.5 cc\_diff e\_wrap e\_wrap\_filt -0.20.0 -0.4 -2.5150 50 100 150 50 100

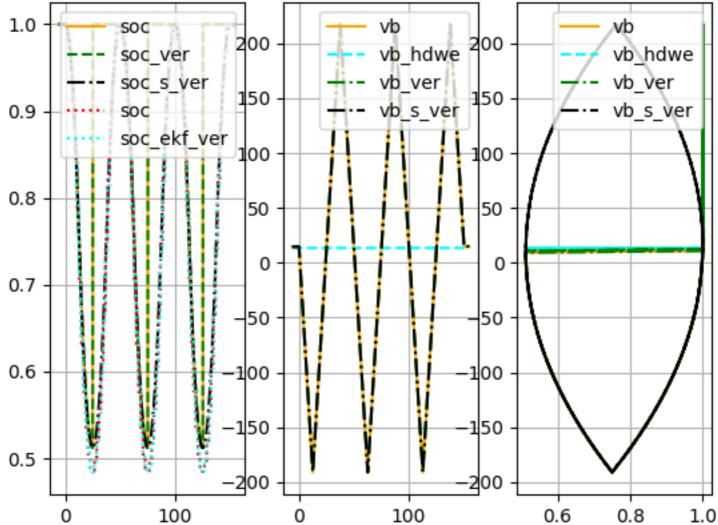


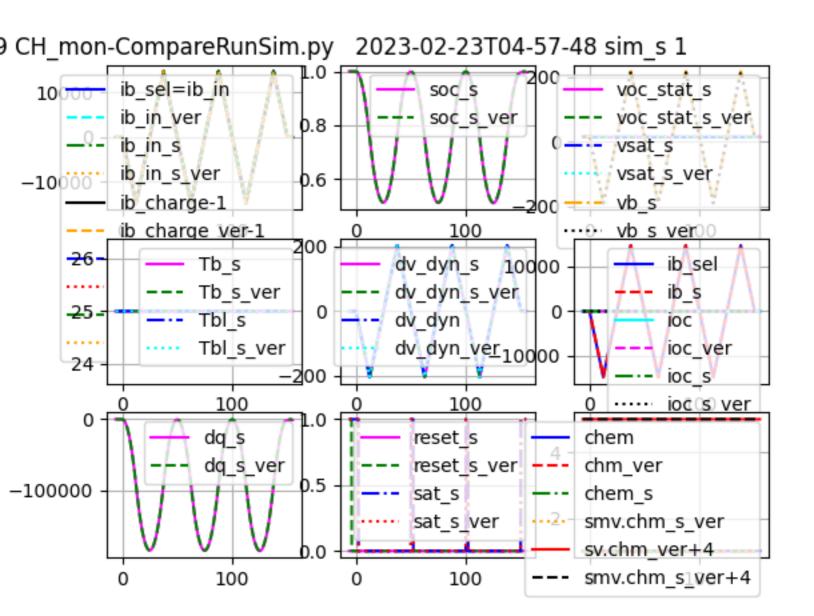
30219 CH\_mon-CompareRunSim.py 2023-02-23T04-57-48 DOM 2 200 17.5 dv\_dyn voc stat dv\_dyn\_ver voc stat ver 15.0 0 12.5 -20050 100 100 150 50 150 17.5 y ekf VOC y ekf ver voc ver 15.0 y\_filt\_ver voc ekf 0 voc ekf ver y filt2 ver 12.5 50 100 150 50 100 150 0.25 dv\_hys temp c 40 dv hys ver temp\_c\_ver 0.00 dv\_hys\_s\_ver+0.1 mon\_mod 20 dv hys reg s ver+0.1 sim\_mod -0.25dv hys s-0.1 dv5hys\_req1st0.1 50 100 150

30219 CH\_mon-CompareRunSim.py 2023-02-23T04-57-48 DOM 3



9 CH\_mon-CompareRunSim.py 2023-02-23T04-57-48 DOM 4





weakDisch v20230219 CH\_mon-CompareRunSim.py 2023-02-23T04-57-48 I

