

% Profits over Fixed Costs for Thermal_Base

| Resource | CEM | PF | DLAC-p | DLAC-i | SLAC |
|-------------------------------|---------------------|--------------------|--------------------|--------------------|---------------------|
| NG 2-on-1 Combined Cycle (F) | 9808290603592032e-1 | 3.8890965473593524 | 11.808142529517115 | 22.950153132952984 | -32.43895750072417 |
| NG Combustion Turbine (F) | 491870556594662e-1 | 3.5476853204709338 | 2.0111659360591543 | 26.779041559396116 | -0.7409236001005794 |
| nd-Based Wind - Class 1 - Te2 | 136036502809576e-1 | 1.6884695618006824 | -5.190146970071854 | 1.8176735562294761 | -29.2043572567816 |
| Utility PV - Class 11. | 3550004385420843e- | 0.0487394000717098 | 3.3994138022337057 | 2.5277795132003194 | -9.961166910577896 |

% Profits over Fixed Costs for 2_Hr_BESS

| Resource | CEM | PF | DLAC-p | DLAC-i | SLAC |
|---|---------------------|--------------------|--------------------|--------------------|------|
| NG 2-on-1 Combined Cycle (6.521138018314951e-1 | 1.483782974625613 | -4.586540986115559 | -13.25188384083158 | 17.748828722230783 | |
| NG Combustion Turbine (F-F100331753381848e-1) | 1.42055026420437425 | 2.4207594308685665 | 17.962671287461585 | -18.88851016326108 | |
| On-Base Wind - Class 1 - T&C9790596700621033e-1 | -1.598977377769442 | -1.694381396865803 | 1.8608904799530177 | 10.869243094911763 | |
| Utility PV - Class 1-24418699477208886e-1 | 2.090002482100364 | 1.1649768979018642 | -5.613128415609343 | -5.255927248027892 | |
| Utility-Scale Battery Storage4.484615591071832e-1 | 22.316312755629355 | 14.346343457916582 | 3.8934603483727126 | 3.7364644861532876 | |

% Profits over Fixed Costs for 2_Hr_BESS_Fuelx2

| Resource | CEM | PF | DLAC-p | DLAC-i | SLAC |
|-------------------------------|----------------------|-------------------|---------------------|--------------------|---------------------|
| NG 2-on-1 Combined Cycle (F) | 3840981235321327e-36 | 230701509038674 | 21.725120498274435 | 21.915217366072582 | 19.408913281979554 |
| NG Combustion Turbine (F) | 4166855915671483e-41 | 652984804068126 | 24.759949875473882 | 27.294542768060765 | -24.67058246976025 |
| On-Base Wind - Class 1 - Te | 1158194340339106e-11 | 8.908990433772185 | -4.816092671589864 | -3.64020489315899 | -4.291906647387039 |
| Utility PV - Class 1 - | 1.51199363043096e-1 | 7.330780695146514 | -0.8758378808840586 | 2.1019891868403690 | 0.05149567793599026 |
| Utility-Scale Battery Storage | 7355130132770732e-7 | 21.95092128079021 | -6.825995408651699 | 15.570334756603883 | 10.846823333353646 |

% Profits over Fixed Costs for 4_Hr_BESS

| Resource | CEM | PF | DLAC-p | DLAC-i | SLAC |
|-------------------------------|----------------------|---------------------|---------------------|--------------------|--------------------|
| NG 2-on-1 Combined Cycle (B) | 8.950578696682418e-1 | 8.583443048984446 | 4.202465316356295 | -6.741768597927955 | -8.543528474084223 |
| NG Combustion Turbine (F4) | 800273227223254e-1 | 9.442250423596434 | 6.8255561649393055 | -9.449584933856178 | 11.429490429523035 |
| On-Base Wind - Class 1 - Te2 | 599930415214367e-1 | 0.09903135111667474 | -0.508478585611576 | 3.1908524464363373 | -8.101604911012867 |
| Utility PV - Class 1 2 | 036421831200064e-1 | 3.59239696020694 | 0.441282075504469 | -1.108210662754176 | 1.2689466504806 |
| Utility-Scale Battery Storage | 5.459144055273899e-1 | 13.88960917644435 | -0.6747372202530342 | 13.119592944073824 | 1.7621238097903933 |

% Profits over Fixed Costs for 4_Hr_BESS_Fuelx2

| Resource | CEM | PF | DLAC-p | DLAC-i | SLAC |
|---|--------------------|--------------------|--------------------|--------------------|------|
| NG 2-on-1 Combined Cycle (F-5366688165674972e-1) | 38.076276075838166 | 6.4923005573098145 | 21.379980302270283 | 17.429606913973192 | |
| NG Combustion Turbine (F-5825130792724304e-1) | 44.17592229514931 | -7.8007543211548 | 28.331393479307433 | 23.664988567543404 | |
| Onshore Wind - Class 1 - Te7.949717871192064e-1 | 10.02046011019096 | 0.8189647989541889 | 0.8361631780414787 | 0.8041299411127852 | |
| Utility PV - Class 1-3.5635815153828856e-1 | 5.386698130285422 | 0.6063116867048929 | 3.4920916340565427 | 2.105320923132133 | |
| Utility-Scale Battery Storage6.792230554009626e-1 | 30.441399365834027 | -8.121266425723297 | 11.378068128092789 | 9.635594875008513 | |

% Profits over Fixed Costs for 4_Hr_BESS_Fuelx3

| Resource | CEM | PF | DLAC-p | DLAC-i | SLAC |
|---------------------------------|------------------------|---------------------|--------------------|--------------------|---------------------|
| NG 2-on-1 Combined Cycle (F15) | 6.703814706384807e-05 | 0.8791225444453901 | -7.950326810705343 | 26.582475755214794 | -34.60422491129652 |
| NG Combustion Turbine (F15) | 5.585292486993364e-05 | 3.724348199860208 | -6.270999600788474 | -31.18980144739907 | 42.504937309995526 |
| On-Base Wind - Class 1 - Tech 1 | 3.386363128226032e-05 | 2.1633331944667873 | 0.0669326090442383 | 4.965712292851693 | -0.5841433772117637 |
| Utility PV - Class 1-1 | 1.9221157682587877e-05 | 0.00176282752007938 | -3.488565326903994 | 0.6335855015836752 | 1.6778824682415803 |
| Utility-Scale Battery Storage | 2.0040251223711206e-05 | 6.1639327926454275 | 1.0249762768755368 | 2.2266921257356476 | 15.224963030536326 |

% Profits over Fixed Costs for 4_Hr_BESS_Fuelx4

| Resource | CEM | PF | DLAC-p | DLAC-i | SLAC |
|-------------------------------|---------------------|--------------------|--------------------|--------------------|--------------------|
| NG 2-on-1 Combined Cycle (F) | 5893904638654137e-1 | 3.3129590637249433 | -9.535550473933313 | -15.85190862601064 | 22.378640798402692 |
| NG Combustion Turbine (F-F) | 700785495750266e-1 | 6.720532620554252 | -6.75101663090007 | 16.891699900570632 | 29.255649728632292 |
| On-Base Wind - Class 1 - Tech | 1618888601673194e-1 | 3.3258319643174468 | 8.853292911223832 | 22.292563568184892 | 14.824033749267809 |
| Utility PV - Class 1 9 | 993409020876263e-1 | 0.1259774814178842 | 4.799543989338821 | 9.695807048278134 | 6.960034429358397 |
| Utility-Scale Battery Storage | 169628488650071e-1 | 10.003559068279042 | -7.311402175889875 | 13.91637733432345 | -6.09870832421925 |

% Profits over Fixed Costs for 6_Hr_BESS

| Resource | CEM | PF | DLAC-p | DLAC-i | SLAC |
|-------------------------------|----------------------|--------------------|--------------------|--------------------|--------------------|
| NG 2-on-1 Combined Cycle (F1) | 0.776546242627973e-1 | 19.150632890114956 | 6.199938672195062 | 10.513349325024826 | -9.252531293073055 |
| NG Combustion Turbine (F1) | 4.820659098980052e-1 | 21.550045262529572 | 9.309746210576565 | 13.817816711061251 | 10.843475898954548 |
| On-Base Wind - Class 1 - Te2 | 9.99302080133133e-1 | 2.267913757340144 | 1.3021846175692744 | -3.735617274514009 | 10.061985151115934 |
| Utility PV - Class 1 1 | 1.32799442462946e-1 | 6.036961882193401 | 2.5023984603515816 | 2.8947971842366105 | 2.296397740157171 |
| Utility-Scale Battery Storage | 7.353380069939228e-1 | 25.906487007413624 | 0.1541137781451383 | -10.34248227567794 | 6.854114026825667 |

% Profits over Fixed Costs for 6_Hr_BESS_Fuelx2

| Resource | CEM | PF | DLAC-p | DLAC-i | SLAC |
|------------------------------------|----------------------|-------------------|--------------------|---------------------|--------------------|
| NG 2-on-1 Combined Cycle (E-F) | 2.316558220981876e-1 | 3.114343222957463 | 10.007970045763813 | -22.26900150661536 | 20.024267686906512 |
| NG Combustion Turbine (E-F) | 3.572625369163213e-1 | 4.380682378670887 | 11.787612431865364 | -30.50310035714211 | 26.904890346996417 |
| On-land-Based Wind - Class 1 - Tec | 0.0 | 1.450054964180345 | -2.60171815633722 | 0.14929766390501029 | 0.6575920149193535 |
| Utility PV - Class 1-4 | 4.625498766446653e-1 | 1.266100495945922 | 0.8989359082248716 | 1.5730776836831297 | 0.5695344460484202 |
| Utility-Scale Battery Storage | 9.769650478371419e-1 | 8.388116752018163 | -12.08230934990585 | -9.067176880542556 | 1.7705807729764798 |

% Profits over Fixed Costs for 8_Hr_BESS

| Resource | CEM | PF | DLAC-p | DLAC-i | SLAC |
|-------------------------------|----------------------|-------------------|--------------------|--------------------|--------------------|
| NG 2-on-1 Combined Cycle (H) | 1.978872409198143e-1 | 39.34342516655453 | -6.927188811791013 | -4.358704363112956 | -7.501347394440443 |
| NG Combustion Turbine (F) | 1.953438506108199e-1 | 44.9668645054957 | -5.681400700472924 | -5.848809946868835 | -6.749421284109941 |
| On-Base Wind - Class 1 - Te2 | 1.087870075011866e-1 | 6.19861731352279 | -4.092999400593682 | 2.2715397521635246 | 10.186457114053255 |
| Utility PV - Class 1 7 | 1.151499333414558e-1 | 8.226728342684844 | 0.4479159667794226 | 4.6029178531398705 | 3.5994116510809984 |
| Utility-Scale Battery Storage | 1.482043800584836e-1 | 38.16665512978064 | 1.4848724327116016 | 5.69363503654383 | 22.473881421561902 |

% Profits over Fixed Costs for 8_Hr_BESS_Fuelx2

| Resource | CEM | PF | DLAC-p | DLAC-i | SLAC |
|--------------------------------|-----------------------|---------------------|---------------------|--------------------|--------------------|
| NG 2-on-1 Combined Cycle (F-F) | 0.0657386323662365e-1 | 5.7039175073182 | 4.689157760814125 | -37.07884201473213 | 32.514754948161496 |
| NG Combustion Turbine (F-F) | 5.01850673923115e-1 | 6.387955034866817 | 6.029907927976199 | -48.64506186511632 | -42.1461843192715 |
| On-Base Wind - Class 1 - Te2 | 571849153475875e-1 | 2.2743186442703305 | 0.4948302218824969 | 3.7467340618451543 | -5.534388756358629 |
| Utility PV - Class 1-3 | 3.190952736448503e-0 | 0.32285983093624704 | 1.9861131818469873 | 2.4257130018104824 | -1.710848573324211 |
| Utility-Scale Battery Storage | 4.224003699757263e-1 | 15.096508901848122 | 20.4635940333014344 | 20.757999008787003 | 10.881274362821786 |

% Profits over Fixed Costs for 10_Hr_BEES

| Resource | CEM | PF | DLAC-p | DLAC-i | SLAC |
|-------------------------------|----------------------|--------------------|--------------------|--------------------|--------------------|
| NG 2-on-1 Combined Cycle (F1) | 1710783857293302e-1 | 19.811615393157787 | -16.65762069400299 | -8.364605477150672 | 12.119368877874411 |
| NG Combustion Turbine (F1) | 5433587569082284e-1 | 22.1871690982723 | 17.647302020530947 | 12.446946840946877 | 12.004696492499836 |
| On-Base Wind - Class 1 - Te2 | 281054648274919e-1 | 2.3660118163963526 | -5.704396202931116 | 2.7415548458883188 | -10.40612749679794 |
| Utility PV - Class 1-1 | 5367302076579903e-1 | 3.758080320603465 | 0.9426885135798948 | 4.075018279053601 | 1.7220137902992851 |
| Utility-Scale Battery Storage | 7.107262917167285e-1 | 27.57825781280397 | 10.307478899351578 | 1.6487027741255167 | 11.841716716920986 |

% Profits over Fixed Costs for 10_Hr_BESS_Fuelx2

| Resource | CEM | PF | DLAC-p | DLAC-i | SLAC |
|-------------------------------|----------------------|--------------------|---------------------|--------------------|--------------------|
| NG 2-on-1 Combined Cycle FF | 7605168108395064e-17 | 6.201462515922658 | 4.539996912909416 | -30.24729727074143 | -29.37324007146809 |
| NG Combustion Turbine (FF) | 7083609786678192e-17 | 7.371418080804013 | 6.931882303335107 | -39.77020802553275 | -36.02715271061124 |
| On-Base Wind - Class 1 - Te2 | 428691764347618e-17 | 1.8160445336056703 | 0.03467812118865184 | 2.8574391443815905 | 6.6302043313006225 |
| Utility PV - Class 1-2 | 4455994729539076e-17 | 0.3332128796568649 | 2.1502523142124703 | 3.614908603617745 | 2.6022946205470037 |
| Utility-Scale Battery Storage | 7.5990234460493e-14 | 19.490579101082417 | 2.1319147260056552 | -13.38301070389035 | -6.050893516890229 |