

```
modified: FCe_Model/inputs/variable_capacity_factors.tab
modified: R/parsing_plexos_csv.R
```

no changes added to commit (use "git add" and/or "git commit -a")

```
0_Research/3_Switch/Test_Model master X 13m
▶ git add .
```

```
0_Research/3_Switch/Test_Model master X 13m +
▶ git commit -m "removed nonvariable generators from variable_capacity_factors.t
ab"
[master 7d3ee63] removed nonvariable generators from variable_capacity_factors.t
ab
2 files changed, 7 insertions(+), 490 deletions(-)
```

```
0_Research/3_Switch/Test_Model master ✓ 0m
▶ git push origin master
Counting objects: 7, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (7/7), done.
Writing objects: 100% (7/7), 764 bytes | 764.00 KiB/s, done.
Total 7 (delta 5), reused 0 (delta 0)
remote: Resolving deltas: 100% (5/5), completed with 5 local objects.
To https://github.com/krammey/Fce_R_Development.git
6bed5b4..7d3ee63 master -> master
```

```
0_Research/3_Switch/Test_Model master ✓ 0m
▶ cd ../FCe_Model
```

```
3_Switch/Test_Model/FCe_Model master X 0m
▶ switch solve --verbose --log-run
logging run to logs/2019-02-25_14-12-13.log
```

```
=====
SWITCH model created in 0.02 s.
Arguments:
verbose=True, outputs_dir='outputs', logs_dir='logs', solver='glpk', inputs_dir=
'inputs', solver_manager='serial', log_run_to_file=True, suffixes=['rc', 'dual',
'slack']
Modules:
switch_model, switch_model.timescales, switch_model.financials, switch_model.bal
ancing.load_zones, switch_model.energy_sources.properties, switch_model.generato
rs.core.build, switch_model.generators.core.dispatch, switch_model.reporting, sw
itch_model.solve
=====
```

```
Loading inputs...
Inputs loaded in 0.46 s.
```

```
Solving model...
Solved model. Total time spent in solver: 0.220098 s.
Optimization termination condition was optimal.
```

```

Executing post solve functions...
ERROR: evaluating expression: No value for uninitialized NumericValue object
    GenFuelUseRate[Martin_Lake_1,2,Coal-Lig]
        (expression: 0.110723912692 * GenFuelUseRate[Martin_Lake_1,2,Coal-
            Lig])
ERROR: evaluating object as numeric value: DispatchEmissions[Martin_Lake_1,2
    ,Coal-Lig]
    (object: <class 'pyomo.core.base.expression._GeneralExpressionData'>)
No value for uninitialized NumericValue object
    GenFuelUseRate[Martin_Lake_1,2,Coal-Lig]
ERROR: evaluating expression: No value for uninitialized NumericValue object
    GenFuelUseRate[Martin_Lake_1,2,Coal-Lig]
        (expression: 4383.0 * 0.110723912692 * GenFuelUseRate[Martin_Lake_1,2
            ,Coal-Lig])
ERROR: evaluating object as numeric value: 4383.0 * 0.110723912692 *
    GenFuelUseRate[Martin_Lake_1,2,Coal-Lig]
    (object: <class 'pyomo.core.kernel.expr_coopr3._ProductExpression'>)
No value for uninitialized NumericValue object
    GenFuelUseRate[Martin_Lake_1,2,Coal-Lig]
Traceback (most recent call last):
  File "/Users/trins/anaconda2/bin/switch", line 11, in <module>
    load_entry_point('switch-model', 'console_scripts', 'switch')()
  File "/Users/trins/switch/switch_model/main.py", line 38, in main
    main()
  File "/Users/trins/switch/switch_model/solve.py", line 140, in main
    instance.post_solve()
  File "/Users/trins/switch/switch_model/utilities.py", line 224, in post_solve
    module.post_solve(instance, outputs_dir)
  File "/Users/trins/switch/switch_model/generators/core/dispatch.py", line 378,
in post_solve
    } for g, t in instance.GEN_TPS ]
  File "/Users/trins/anaconda2/lib/python2.7/site-packages/pyomo/core/kernel/num
value.py", line 161, in value
    tmp = numeric(exception=exception)
  File "/Users/trins/anaconda2/lib/python2.7/site-packages/pyomo/core/kernel/exp
r_coopr3.py", line 709, in __call__
    exception=exception):
  File "/Users/trins/anaconda2/lib/python2.7/site-packages/pyomo/core/kernel/exp
r_coopr3.py", line 217, in _evaluate_arglist
    yield value(arg, exception=exception)
  File "/Users/trins/anaconda2/lib/python2.7/site-packages/pyomo/core/kernel/num
value.py", line 161, in value
    tmp = numeric(exception=exception)
  File "/Users/trins/anaconda2/lib/python2.7/site-packages/pyomo/core/base/expre
ssion.py", line 55, in __call__
    return self.expr(exception=exception)
  File "/Users/trins/anaconda2/lib/python2.7/site-packages/pyomo/core/kernel/exp
r_coopr3.py", line 709, in __call__
    exception=exception):
  File "/Users/trins/anaconda2/lib/python2.7/site-packages/pyomo/core/kernel/exp
r_coopr3.py", line 217, in _evaluate_arglist
    yield value(arg, exception=exception)
  File "/Users/trins/anaconda2/lib/python2.7/site-packages/pyomo/core/kernel/num
value.py", line 170, in value
    % (obj.name,))

```