

RETI Net Short Calculation, September 2009

Energy in GWh

| Data | | |
|-----------------------------------|-------------|---------|
| | 2020 | 2008 |
| | Projections | Actual |
| Total Consumption (1) | 312,982 | 286,952 |
| Wholesale sales (2) | 12,299 | 12,299 |
| Self-gen non-PV (1) | 11,945 | 11,520 |
| Self-gen PV (3) | 7,358 | 686 |
| Retail sales (5) | 281,380 | 262,447 |
| Losses | 25,141 | 23,307 |
| Gross Generation (grid connected) | 338,123 | 310,259 |
| Eligible Renewables (4) | 92,856 | 32,532 |
| Other grid-connected (5) | 245,268 | 277,727 |

| | |
|------------------------|--------|
| Renewables added 08-20 | 60,324 |
| Other displaced 08-20 | 32,460 |

| Changes from February Update | | |
|------------------------------|---------|---------|
| | new | old |
| Total Consumption 2020 | 312,982 | 334,169 |
| Self-gen non-PV 2020 | 11,945 | 12,538 |
| Retail sales 2020 | 281,380 | 301,974 |
| Existing Renewables** | 39,324 | 36,807 |
| Misc. Other Renewable | 2,670 | 3,134 |

| RETI Net Short Calculation | |
|------------------------------|--------|
| Renewable 2020 | 92,856 |
| Renewable 2008 | 32,532 |
| Under construction 2009 (2)* | 6,792 |
| Misc. Other Renewable (2) | 2,670 |
| Net Short | 50,862 |

* Includes projects online since 2008 NSP report plus expected additions by end 2009.

** Includes grid connected from NSP 2008 and projects online since the NSP 2008 report plus those expected by end 2009.

Notes

(1) 2020 and 2008 data from Sept 09 demand forecast

(2) Data from Phase 1B report

(3) 2020 datum from RETI projection; 2008 datum from Sept 09 demand forecast

(4) 2020 datum = 33% of retail sales; 2008 datum from NSP report

(5) values found by subtraction