Giroud   EX/P5.25 Towards Baseline Operation Integrating ITER core and edge plasma

JET achieved integrated plasma performance close to ITER requirements with Be/W PFCs with nitrogen

- $H_{98} \approx 0.85$
- $\beta_N \approx 1.6$
- $f_{GW} \approx 0.85$
- $Z_{eff} \approx 1.6$
- $\Delta W_{ELM}/W_{ped} \approx 4\%$

<table>
<thead>
<tr>
<th>ITER</th>
<th>$H_{98} \approx 1.0$</th>
<th>$\beta_N \approx 1.8$</th>
<th>$f_{GW} \approx 0.85$</th>
<th>$Z_{eff} \approx 1.6$</th>
<th>$\Delta W_{ELM}/W_{ped} &lt; 1%$</th>
</tr>
</thead>
</table>

- detached at Strike P. $\sim 3\text{MW/m}^2$
- stationary condition $\sim 7\text{s}$ $(26 \times \tau_E)$
- triangularity $\delta \sim 0.36$
- $f_{elm} \sim 45\text{Hz}$, $f_{rad} \sim 0.55$

(duration was limited only by the available power.)