

# The Changing Role of the System

David Farrell  
Head of Onshore Development, ESB.

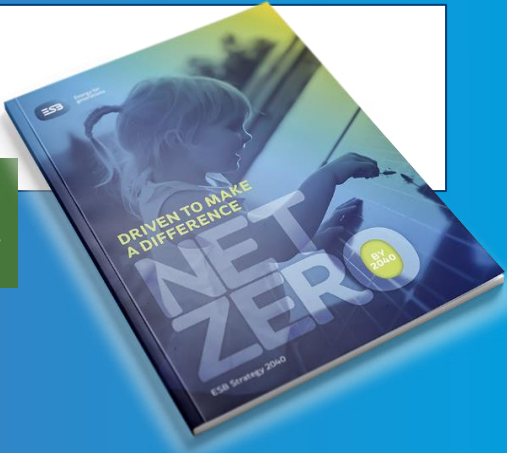


Regulated Networks

Generation & Trading

Customer Solutions

**ESB's strategy, *Driven to Make a Difference: Net Zero by 2040* is built on the UN Sustainable Development Goals**



NI, ROI, UK



9000 Employees



€19.6bn in assets



Capex €1.7bn/year

# ESB Generation & Trading: Scale of Assets

Operational



**850MW**  
onshore



**220MW**  
hydro  
power



**292MW**  
pumped  
storage



**154MW**  
battery  
storage



**855MW**  
coal/HFO



**3327MW**  
gas

**27%**  
share of  
Single  
Electricity  
Market



**1.2GW**  
Pipeline



**1.8GW**  
Pipeline



**Strategic  
Targets**



**2.3GW**  
Pipeline



**0.2GW**  
Pipeline

In Development



**12GW**  
renewable  
pipeline



**3.7GW**  
onshore



**1GW**  
dispatchable



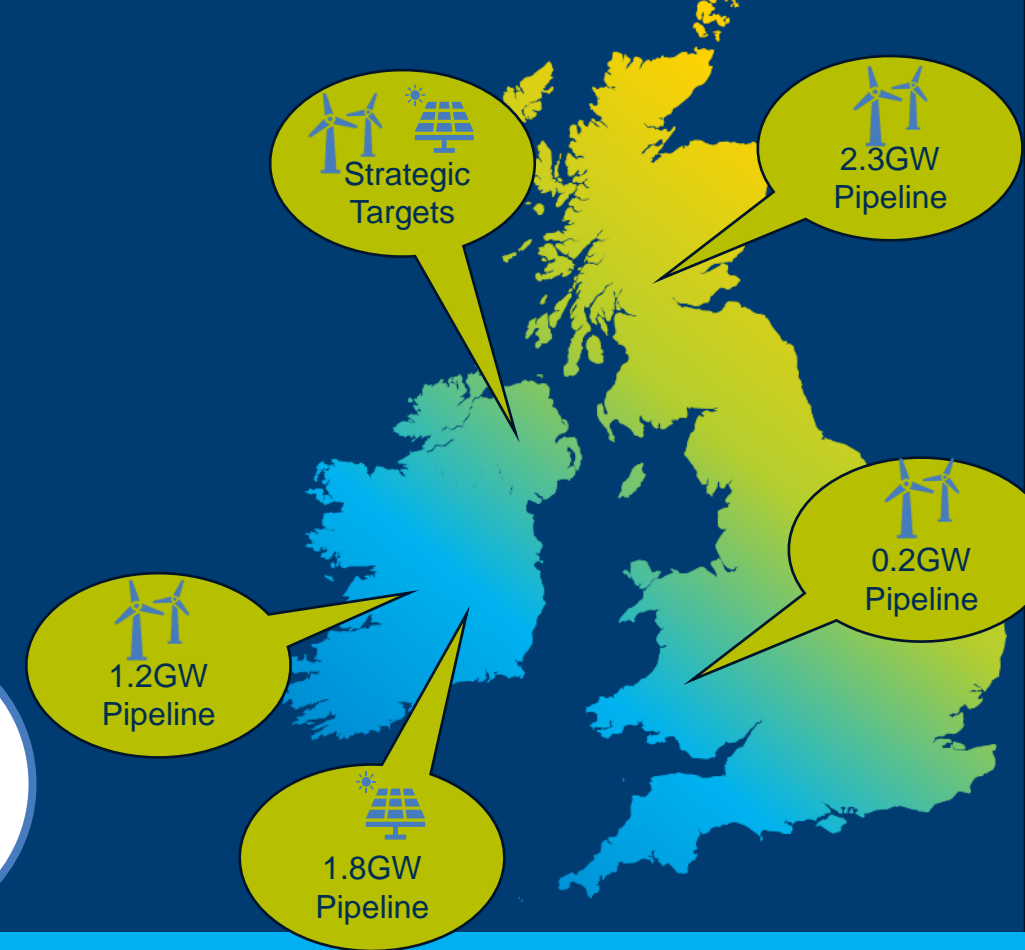
**6.7GW**  
offshore



**1.8GW**  
solar



**1000MW**  
battery



# ESB Delivering Investment for Net Zero System ( Onshore )



9 Solar - 450 MW  
3 Wind Farms – 240MW



Renewable  
Generation



Energy Storage



System Services



Zero Carbon  
Dispatchable Generation



5 BESS - 300MW x 2hr

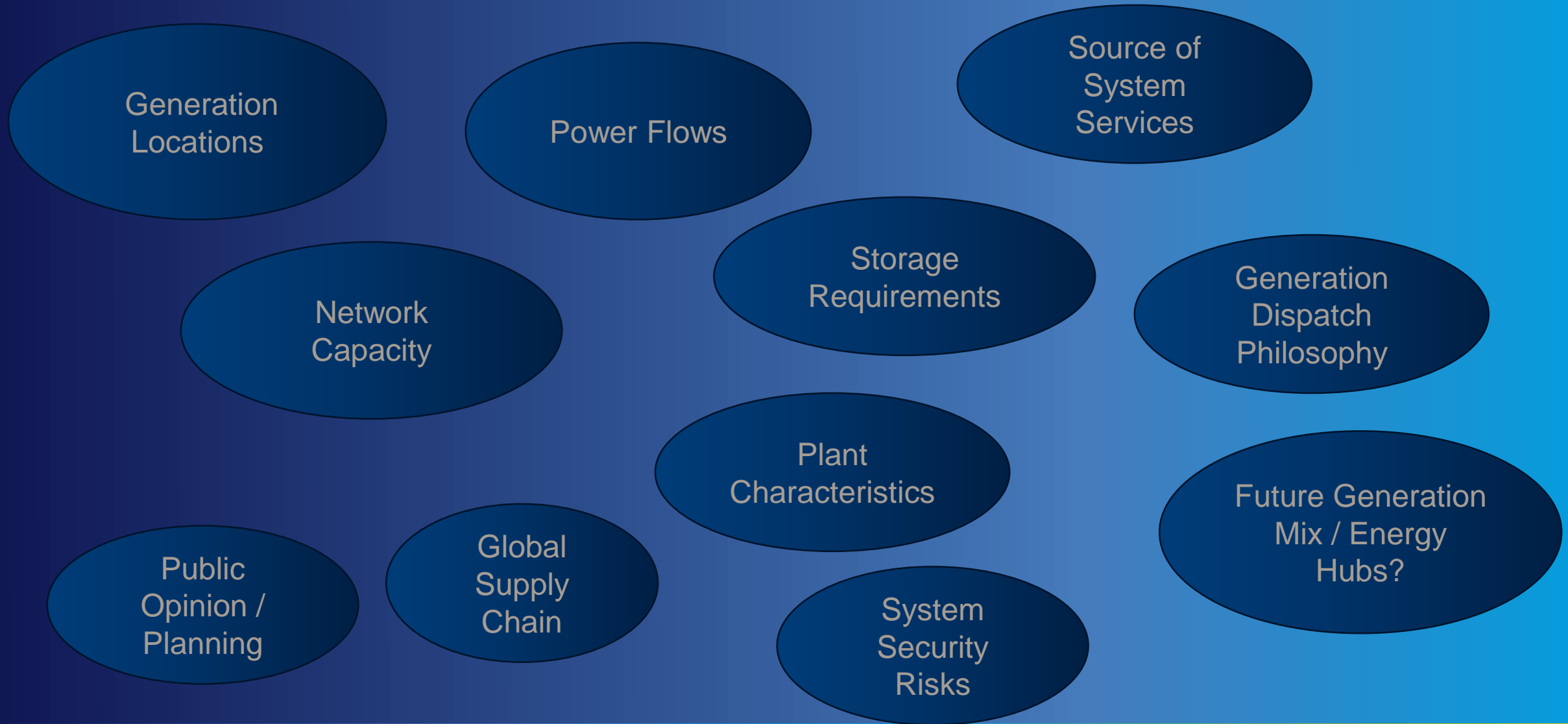


4 Peakers – 470MW



LCIS – 4000MWAs

# System adapting to multiple fundamental changes





Energy for  
generations

**DRIVEN TO MAKE  
A DIFFERENCE**

**NET  
ZERO**

**BY  
2040**

Thank you